PROJECT 10073 RECORD

1. DATE - TIME GROUP 3 Mar 68 03/2145 04/02452	2. LOCATION Northeastern U.
3. SOURCE Civilian & Military	10. CONCLUSION Other: Satellite Decay
4. NUMBER OF OBJECTS 3	Stimulus identified as decay of satellite debris.
5. LENGTH OF OBSERVATION About 2 Minutes	11. BRIEF SUMMARY AND ANALYSIS SEE SUMMARY
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE NE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

RETURN TO:
Director
Aerospace Studies Inst
ATTN: Archives Branch
Maxwell AFB, Alabama

K243,6012-1
3 Mar 1968

FORM
FTD SEP 63 0-327 (TDE) Previous editions of this form may be used.

PUT THIS WITH 3 MAR 68

UFO was a *Zond*

Charles Marwick
is Washington correspondent of *New Scientist*

NEW SCIENTIST
AUG 1, 1968
248

Across the eastern United States, from Northern Tennessee to north-eastern Pennsylvania, Sunday evening, 3 March 1968, was clear and cold. The Moon, new on the 28th day of the previous months, was going into its first quarter. At approximately 9.15 pm John R. Wilson of Alexandria, Kentucky, saw three objects in the sky moving from a south south easterly to a north north easterly direction. "They were in my sight", he wrote, "for about three or four minutes". When Mr Wilson first saw the objects they looked, he said, "like a single small white light in the sky about the size of the blinker light that I see on planes, but when this light did not blink I watched it intently wondering why it was so constant. As it approached, it grew larger and looked like the nose of a plane. I thought, 'how strange, the whole cockpit of that plane is lit up'. Then I saw red streaks emanating from the object and I thought, 'the plane is on fire'. Then directly behind the first object I saw a second and just before they were overhead I observed there was a third. They weren't planes, they weren't on fire, there was no sound and no smoke but they were emitting cherry red streaks of exhaust five or six times the length of the objects. It was a beautiful sight to behold and the wonder was that, with all this speed, there was no sound".

At about the same time on the outskirts of Cincinnati, Ohio, a Mr Edwin W. Daley reported that he saw an object, due east about 40 to 50 degrees above the horizon. Mr Daley describes himself as an amateur astronomer and a member of the American Association of Variable Star Observers. "There were three star-like objects, close together", he wrote. "The leading one was about 30 feet or less ahead of the others which were closer together. There was a beautiful, long, persistent trail. The three objects were of equal brightness, about 1 to 0 on the stellar brightness scale. The rate of motion was faster than a high-flying jet plane but slower then a meteor". He lost sight of the objects when they were within five degrees of the horizon.

These accounts and others like them—about a couple of dozen in all—are on file in a tiny three-room office in Washington, DC, the headquarters of an organisation known as the National Investigations Committee for Aerial Phenomena (NICAP). A similar and much larger file of about 70 accounts of this particular incident on 3 March is in the Aerial Phenomenon Office of the United States Air force at Wright-Patterson Airforce Base.

It is now apparent that the March phenomenon was the return to Earth of fragments of the Soviet Union's satellite *Zond IV*—an apparently abortive Moon probe. *Zond IV* was launched on Saturday, 2 March. The following day the Soviet Union announced it had been placed in a parking orbit until it would be in position for launching farther from Earth. The assumption was that the satellite was intended to travel to the environs of the Moon to take photographs and then return to Earth. But on Sunday night at approximately 0245 UT (2145 eastern standard time in the United States) a piece of *Zond IV* re-entered over the north-eastern area of the United States. It probably landed somewhere on

Denver, got a call from the University of Colorado the next day. Had he heard about the reports of the strange sighting over the north east the previous night? He had not. It was not long before he did.

Mr Roth works at United's office at Stapleton Airport where, among his other duties, he is director of the Volunteer Flight Officer Network. This group, which he started, collects pilots' reports of unusual sightings of aerial phenomena, such as unidentified flying objects (UFO), and collates the observations in an attempt to fix the source. The University of Colorado is interested in UFOs because it is there that a study, directed by Dr Edward Condon, on UFOs is being undertaken. It should be available before the end of the year. Later that week, Mr Roth received several reports from pilots who had seen the event, all of them pointing toward the trajectory of the *Zond IV* re-entry path.

The UFO enthusiasts, for their part, are quick to point out that not all such sightings as the one of 3 March can be attributed to returning debris from space. Nevertheless it is just this material coming in from space that is now receiving attention as a new type of hazard to high-flying aircraft and Mr. Roth has been asked to help deal with it. Mr. Roth estimates that the chance of a plane being hit by a piece of space debris is less than one in a million. But with more high-flying aircraft and with the advent of the supersonic planes which will fly at heights between 70 000 and 80 000ft these chances will increase. At 80 000 such debris returning to Earth will be speeding at 2000 mile/h. If even a small piece hit the fuselage of a pressurized plane the resulting sudden decompression would be explosive.

It was quietly revealed, after the publicizing of the *Zond IV* incident, that Mr Roth with the co-operation of the North American Air Defense Command in Colorado Springs, some 60 miles south of Denver, had for some months been operating an early warning system to alert aircraft to debris falling out of Earth orbit

Two months before the scheduled decay of a satellite the Defense Command computes the predicted trajectory of the satellite, refining and recalculating the path right up until only two hours before the vehicle re-enters the atmosphere. With the communications facilities of United Airlines, aircraft whose routes cross the predicted re-entry corridor can be warned and diverted out of the area during the danger period which is about half-an-hour at the maximum.

Most planes fly at low enough altitudes to avoid the danger of being hit by satellites, burned-out rocket engines and housings still travelling at the high velocities with which they could strike high flying supersonic planes. Nevertheless with the increasing frequency of satellites being placed in orbit the hazard is bound to increase. The National Aeronautics and Space Administration estimates that there are 350 satellites in orbit and almost 1000 bits of rocket casings and other material that entered orbit with the satellites. It is a measure of the distance Man has come in 10 years of space exploration. A decade ago the challenge was to get

8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? *(Check appropriate blocks.)*

X	OUTDOORS		IN BUSINESS SECTION OF CITY
	IN BUILDING	X	IN RESIDENTIAL SECTION OF CITY SUBURBAN
	IN CAR ☐ AS DRIVER ☐ AS PASSENGER		IN OPEN COUNTRYSIDE
	IN BOAT		NEAR AIRFIELD
	IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER		FLYING OVER CITY
	OTHER WAS OUT SIDE GAZING WITH 7X35 FIELD GLASSES		FLYING OVER OPEN COUNTRY
			OTHER

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING: NOT APPLICABLE

WHAT DIRECTION WERE YOU MOVING?

X	NORTH WALKED N.E.		EAST
	SOUTH		WEST
	NORTHEAST		SOUTHEAST
	NORTHWEST		SOUTHWEST

HOW FAST WERE YOU MOVING?
STANDING STILL THEN WALKED BACK DRIVEWAY

DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON?
☒ YES ☐ NO

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.
NO SEE WHERE I DEVIATED FROM ON SKETCHES

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.
STANDING ON MY DRIVEWAY

HOW MUCH OTHER TRAFFIC WAS THERE?
NONE

DID YOU NOTICE ANY AIRPLANES? ☒ YES ☐ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON, AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.
yes one shortly afterward at was taking off from Internat-Airport at Columbus I did not see any at time of sighting.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME					
2 MIN. 15-20 SEC.	X	CERTAIN OF TIME		NOT VERY SURE
		FAIRLY CERTAIN		JUST A GUESS

HOW WAS TIME DETERMINED? went out door at exactly 950 looked at watch on door about 2 sec from door Count immediately when I closed door

WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.
SAW IT UNTIL IT DISAPPEARED BEHIND HOUSE NEXT OF MINE. IT FIRST CAME STRAIGHT WIND IN AND HEL AT A VERY HIGH RATE OF SPEED THEN APPEARED TO SLOW DOWN & THEN CHANGE FROM ONE UFO TO 3 UFO IN PERFECT FORMATION STILL PLUNGING STRAIGHT WIND WITHOUT ANY WARNING IT SUDDENLY WITHOUT ANY VISIBLE TURNING WENT 90° FROM ITS ORIGINAL COURSE
(90° a turn)

13. DID THE PHENOMENON	YES	NO	UNKNOWN
MOVE IN A STRAIGHT LINE? PART OF TIME ONLY - ARC AT FIRST		X	
STAND STILL AT ANYTIME?		X	
SUDDENLY SPEED UP AND RUN AWAY?			X
BREAK UP IN PARTS AND EXPLODE? BROKE UP FROM ONE TO THREE UFO		X	
CHANGE COLOR?		X	
GIVE OFF SMOKE?		X	
CHANGE BRIGHTNESS?		X	
CHANGE SHAPE? FROM ONE INTO THREE			X
FLASH OR FLICKER?		X	
DISAPPEAR AND REAPPEAR?		X	
SPIN LIKE A TOP?		X	
MAKE A NOISE?		X	
FLUTTER OR WOBBLE?		X	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?
WAS STARGAZING - COLOR & SPEED OF MOVEMENT MADE ME REALIZE IT WAS NOT A NATURAL PHENOMENON

Particularly listed as unusual aerial maneuvers

A. HOW DID IT FINALLY DISAPPEAR? BEHIND HOUSE TO REAR & E. OF MY DRIVEWAY

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☒ YES ☐ NO. IF "YES," DESCRIBE.

BEHIND HOUSE TO REAR & E. OF MY DRIVEWAY WAS LAST I SAW IT.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.

16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.

X	EYEGLASSES ALL TINT		CAMERA VIEWER
	SUNGLASSES	X	BINOCULARS 7X35 Field View 6° 30' 341 ft
	WINDSHIELD		TELESCOPE CONTROL CONT
	SIDE WINDOW OF VEHICLE		THEODOLITE
	WINDOWPANE		OTHER WITHOUT GLASSES TO GET CLOSE

A. DO YOU ORDINARILY WEAR GLASSES? [X] YES [ ] NO

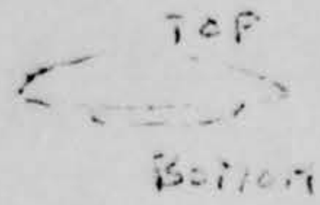
B. DO YOU USE READING GLASSES? [X] YES [ ] NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED STILL AIR

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE Little

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

ORDINARY SAUCER INVERTED WITHOUT PROTRUSION ON TOP ELONGATED A LITTLE MORE THAN A SAUCER. PROTRUSION ON BOTTOM RIDGE AND ABOUT 50% OF BOTTOM SO CONCEALED.



21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? [X] YES [ ] NO. IF "YES," DESCRIBE.

NO NOISE AUDIBLE TO HUMAN EAR. MY DOG A 1 YR. OLD BOSTON TERRIER WHO HATES COLD WENT OVER BETWEEN THE TWO TRAIN CARS BESIDE THE CARRIAGE (TO NOSE) & WHIMPERED & LAY ON THE DRIVE BETWEEN THE CARS LIKE SHE WAS FRIGHTENED TO DEATH. NO ODOR OR HEAT. THERE WAS NO AFTER EFFECT UPON MYSELF SEE LAST PAGE X

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. [ ] YES [X] NO.
IF "YES," DESCRIBE.

THE ONE IN 1966 DID.

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? [X] YES [ ] NO. IF "YES," GIVE DATE AND LOCATION. IT WAS ABOUT 11PM ONE NIGHT, CLOUDY OVERCAST, IN THE SPRING OF 1966. I DID NOT REALIZE IT EXCEPT TO TWO OTHER PERSONS BECAUSE IT WAS SO PECULIAR.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? [ ] YES [X] NO. IF "YES," DID THEY SEE IT TOO? [ ] YES [ ] NO.

A. LIST THEIR NAMES AND ADDRESSES

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME [redacted]

ADDRESS (Street, City, State, ZIP Code) [redacted]

TELEPHONE (Area code and number) [redacted]

AGE		MALE	X	FEMALE
49				

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

HOLD 4 COLLEGE DEGREES 2 B.S. & M.S. & PH.D.
HAVE TAUGHT GENERAL SCIENCE IN SECONDARY SCHOOLS FOR 10 YRS.
WAS IN THE U.S. NAVY DURING W.W.II STATION ON AN AIR STATION.

I CONSIDER MYSELF AN ACCURATE OBSERVER AND VERY MUCH INTERESTED IN U.F.O.'S. ONE OF THE REASONS I WAS OUTSIDE WITH MY FIELD GLASSES WAS TO SCAN THE HEAVENS AS IT WAS A CLEAR NITE WITH NO INTERFERING LIGHT. EVER SINCE 1966 I REALLY WANTED TO SEE A U.F.O. I REMEMBER MY SAYING ALOUD UPON SIGHTING THE U.F.O. "THIS IS NO NATURAL PHENOM. IT'S REALLY U.F.O.'S"

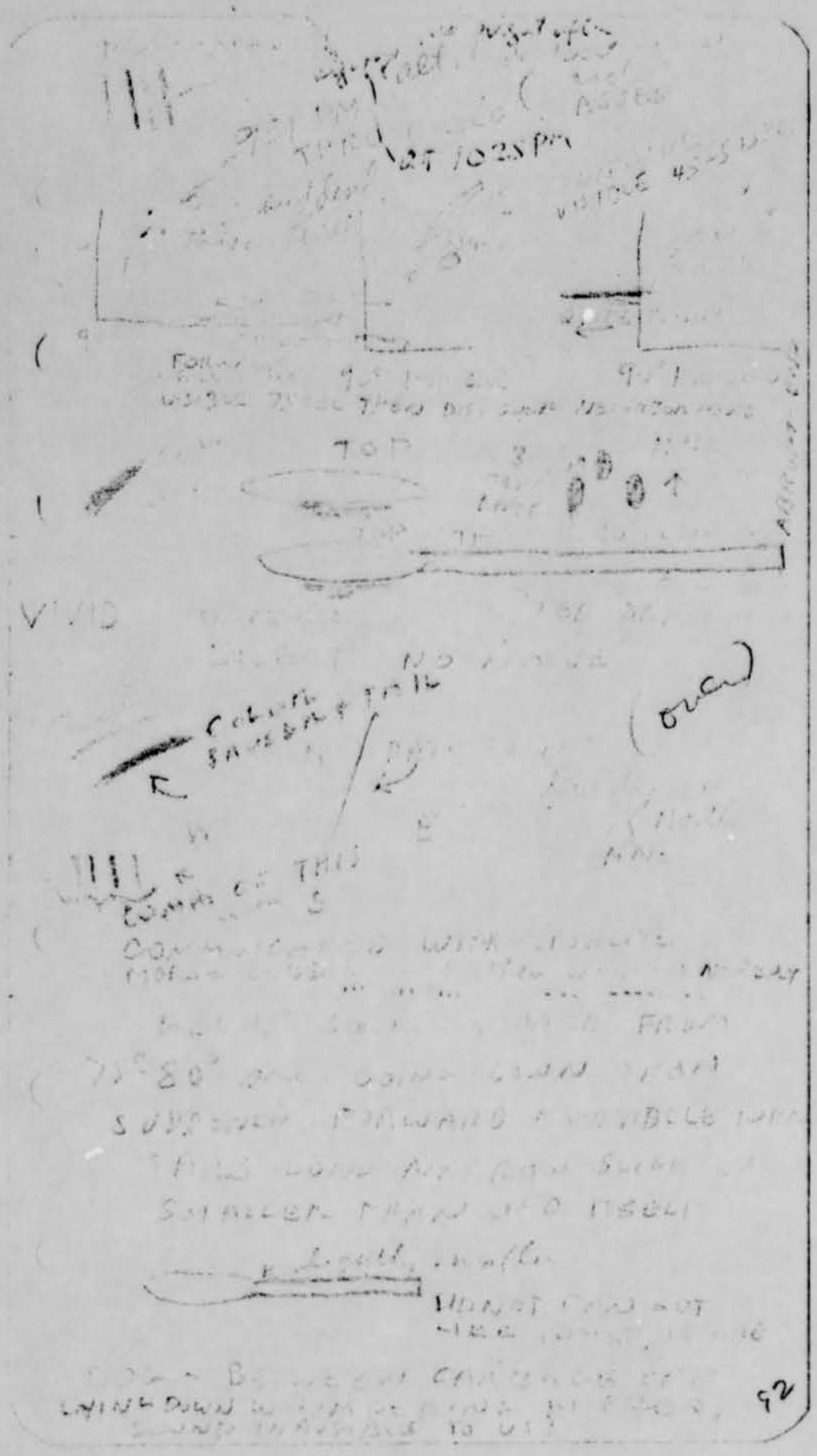
Also sent An to Gen Wood

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON? Dec 3 Time of Obs

NAME [redacted] DAY [redacted] MONTH Dec. 3 YEAR 1968

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 4 OCT MONTH JAN 6 YEAR 1968


TOP
VIEW
LOOK
Light
92

[redacted]

[redacted]

4 COLLEGE DEGREES
3 O. SIG.

Temp. 24°
NIGHT VERY CLEAR + COLD
NO CLOUDS

FIELD GLASSES 7 X 35
Coated lens
ATOLINE
NOT. 56742
lens setting 61
Field View 6°30'
341' @ 1000 yds.

27. INFORMATION WHICH YOU FEEL IS PERTINENT BUT WHICH IS NOT ADEQUATELY COVERED IN THIS QUESTIONNAIRE, ALTERNATIVELY PROVIDE A NARRATIVE EXPLANATION OF THE SIGHTING.

* QUESTION 21
THE PERSON I RELATED THIS TO AT 1020-1025 PM RECALLED MY REACTION TO THE PREVIOUS SIGHTING WHICH WAS SIMILAR TO WHAT I RELATED TO HER THIS TIME. (SHE HAS AN M.A. DEGREE & IS A TRAINED OBSERVER, too.)
AFTER I CAME INTO THE HOUSE I HAD AN OVERPOWERING DRIVE TO SLEEP & SINCE I WAS EXPECTING HER PHONE CALL AT 1020-1025 I HAD TO FORCE MYSELF TO STAY AWAKE. I OPEN THE WINDOWS WIDE HOPING THE COLD ROOM WOULD HELP BUT EVEN THEN I DROPPED OFF SEVERAL TIMES. THIS IS EXTREMELY UNUSUAL BECAUSE FOR ME. I HAD SLEPT 10 HRS. NITE BEFORE & HAD AN HRS. NAP IN AFTERNOON. I HAD BEEN OUTSIDE IN THE COLD AIR & SHOULD HAVE BEEN WIDE AWAKE & WAS UNTIL I FELT PHYSICALLY DEPRIVED & JUST HAD TO SLEEP. THIS GRADUALLY WORE OFF UNTIL BY 1100 PM WAS WIDE AWAKE AGAIN. MY FRIEND RECALLED THAT THIS HAPPENED TO ME IN 1966 WHEN I SAW A UFO THERE. I HAD FORGOTTEN WITH SHE REMINDED THAT IT HAPPENED TO YOU PREVIOUSLY. I DID NOT KNOW OTHERS HAD SEEN THIS UNTIL I HEARD IT ON THE NEWS. I DID CALL INVESTIGATOR AT ABOUT 1045 PM & TELL HIM. (MRS. ANNA WARD 7176 NORTH ST., WORTHINGTON, O.)

I ALSO MADE AN ATTEMPT TO COMMUNICATE WITH THEM. I HAD A FLASH LITE IN MY HAND WHICH I ALWAYS CARRY WHEN IT'S DARK OUT & WANT TO USE MY FIELD GLASSES. I SIGNALED S S S (one space) O O O ... ... (one space) ... ... IN MORSE CODE, THE SEQUENCE TWICE. THIS WAS WHILE THEY WERE IN STRAIGHT FLIGHT. I REMEMBER THINKING THAT NUMBERS MAY NOT MEAN ANYTHING BUT A SEQUENCE COULD SHOW IT WASN'T RANDOM LIGHTS & THERE MIGHT BE VISIBLE RESPONSE ELICITED.

IT FORMATION SO HOW CAN GRAVITY BE

JUST READ NEWS ITEM 5 PM EST 3-6-1966 SAYING IT WAS SPACE JUNK. NEVER. IT CAME DOWN THEN WENT FORWARD AT

(Xenia Ohio

AFR 80-17(C1)

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL NUMBER 21-R359

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. *(IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)*

1. WHEN DID YOU SEE THE PHENOMENON? DAY 3 Rd MONTH March YEAR 1968

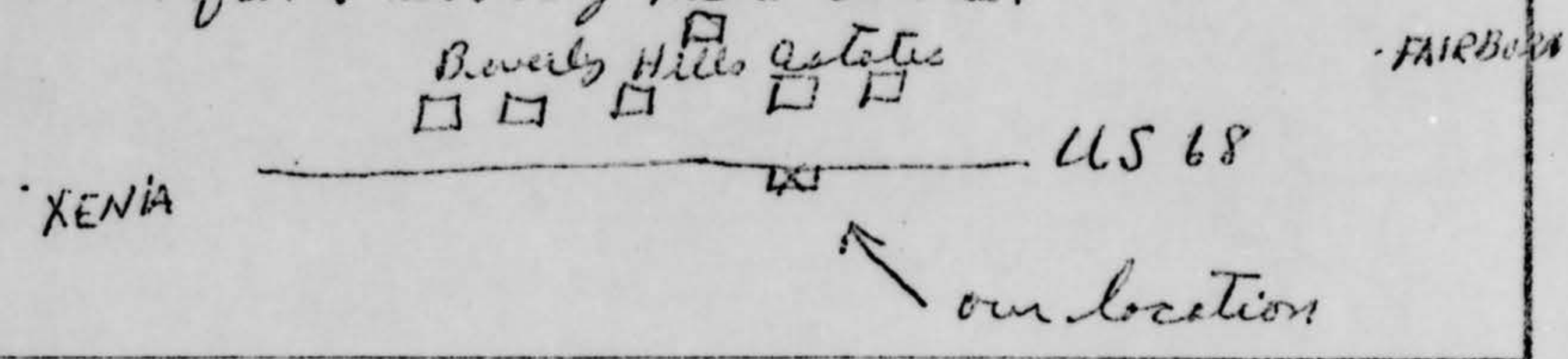
2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON? HOUR 9.35 MINUTES 45 ☐ A.M. ☒ P.M.

3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON? about 2 minits HOUR 9 MINUTES 47 ☐ A.M. ☒ P.M.

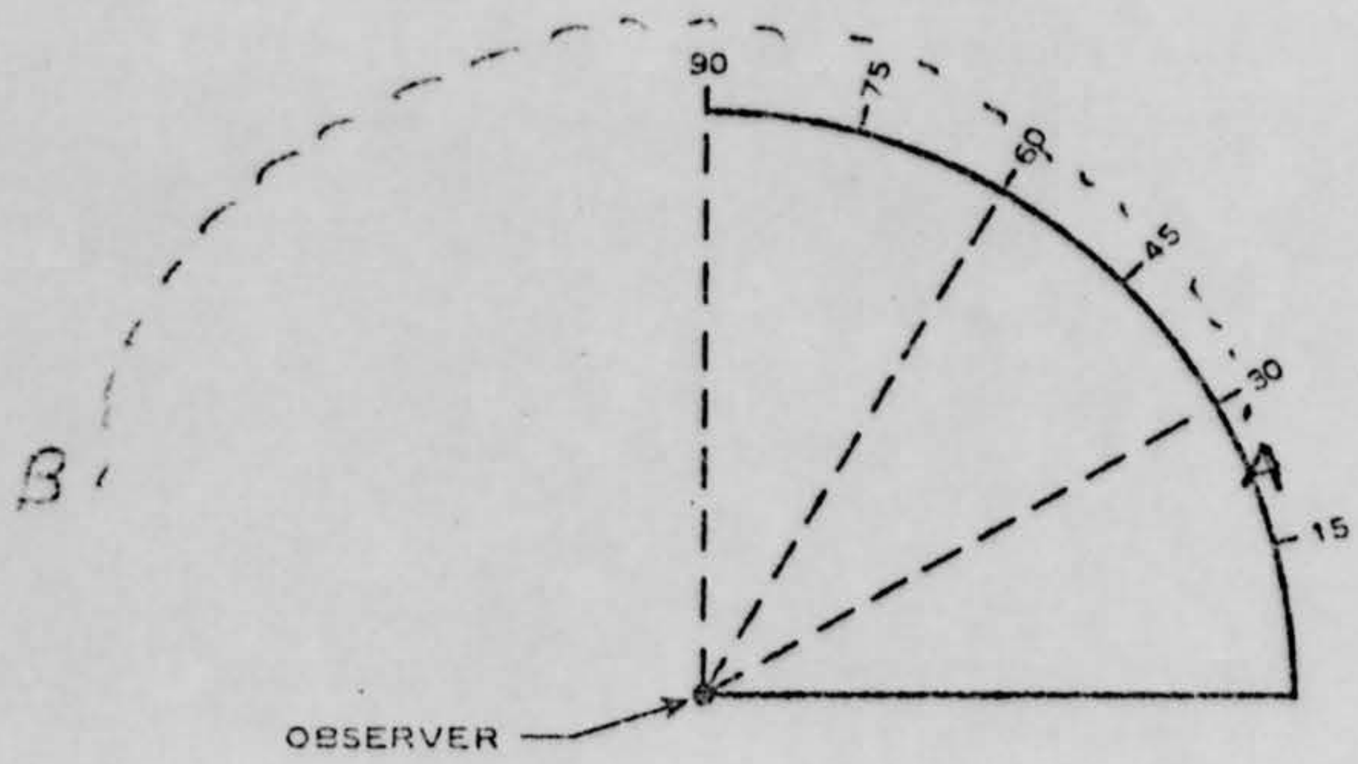
4. TIME/ZONE ☐ DAYLIGHT SAVINGS ☒ STANDARD
☒ EASTERN ☐ CENTRAL ☐ MOUNTAIN ☐ PACIFIC ☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

We were facing South on U.S. 68 just north of Xenia Corp. limit in front of second house on Right in front Beverly Hills Estates.

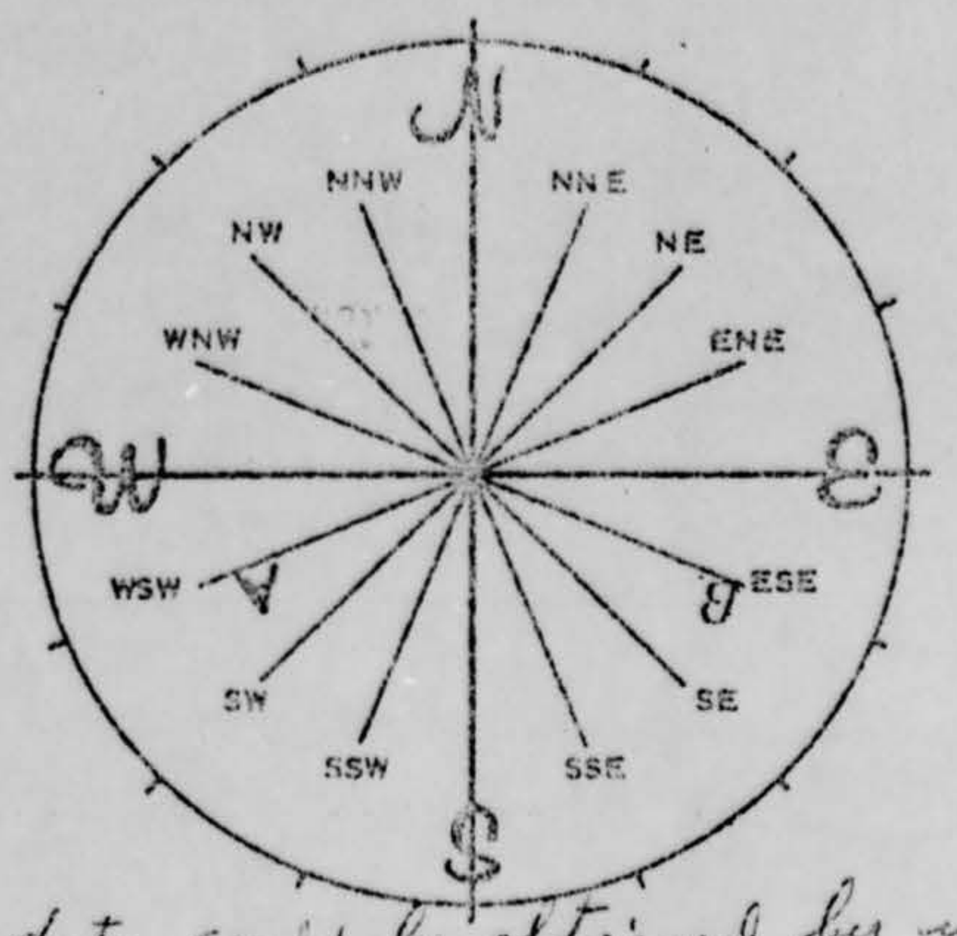


6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.



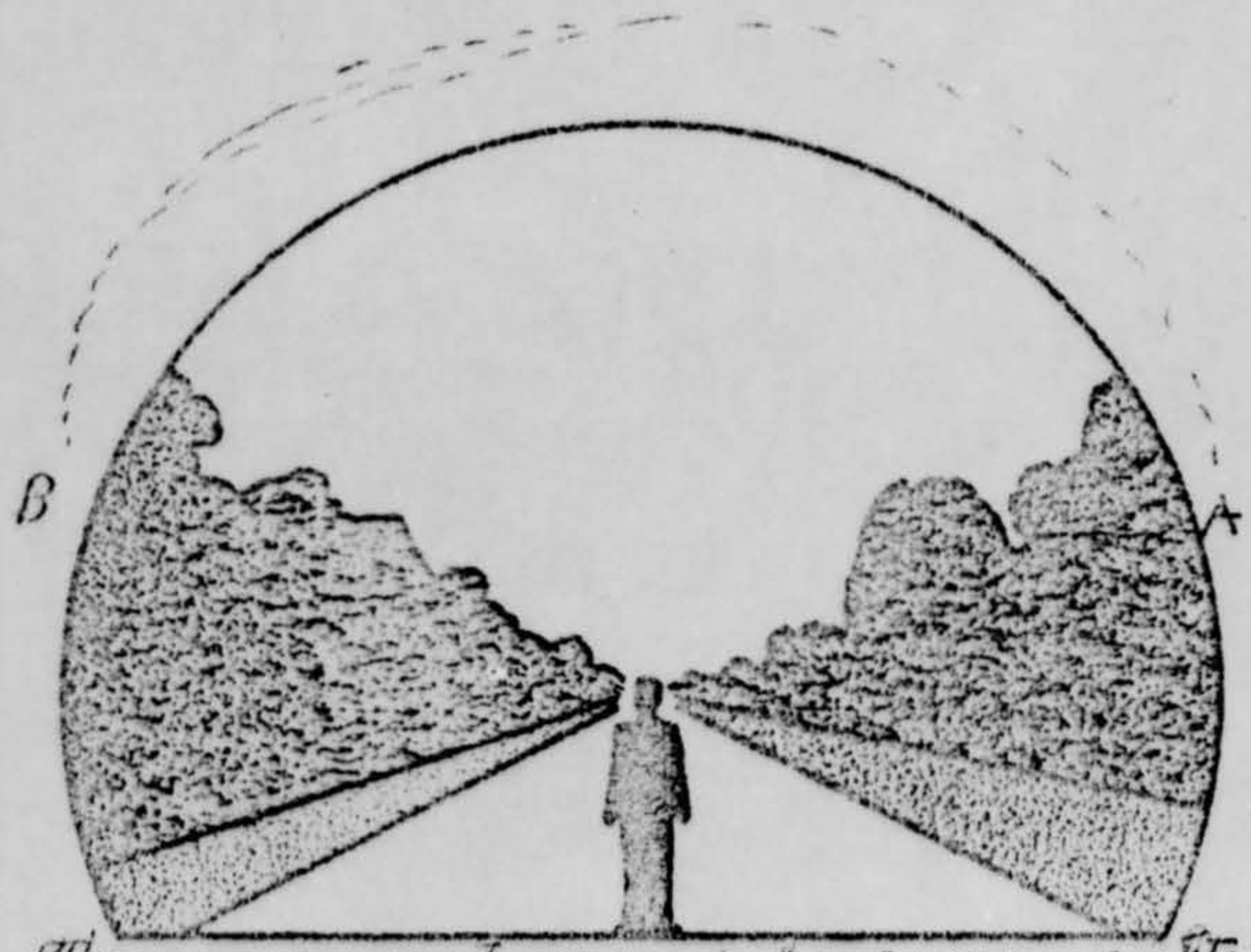
AF FORM AUG 67 117

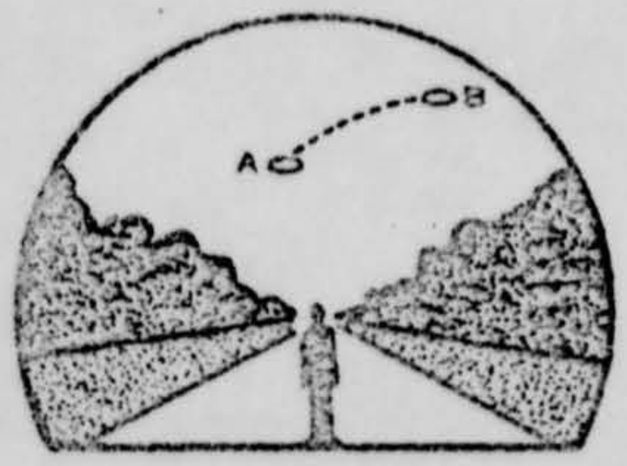
8A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



More accurate data could be obtained by using a compass and going back to that spot.

7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





There were no lines and object was sighted lower on the horizon than would be possible in the sketch. Object did not zig zag but appeared to follow a straight line in a curved path.

DAYTON DAILY NEWS, TUESDAY, JULY 16, 1968

UFOs Just Debris, Blu

By DALE HUFFMAN
Daily News Staff Writer

At about 9:30 p.m. EDT on Mar. 3rd a National Cash Register Co. executive was driving north on I-75 between Cincinnati and Dayton. He glanced upward toward the top of his windshield and saw a procession of three fiery objects in the sky.

"They were in perfect formation" the executive later reported to Wright-Patterson Air Force base's Project Blue Book staff. "I watched them for about five minutes, trying to keep my eyes on the highway."

STATING HE HOPED no one would think him highly imaginative or insane, the man said the objects "seemed to be at a high altitude and I could not determine if they were flying horizontally or descending."

At 9:32 the same night, Xavier senior Mike Moore, home in Springfield for the week end, was driving on N. Fountain Ave. with his fiance, Mary Mahall. They spotted unusual lights in the sky.

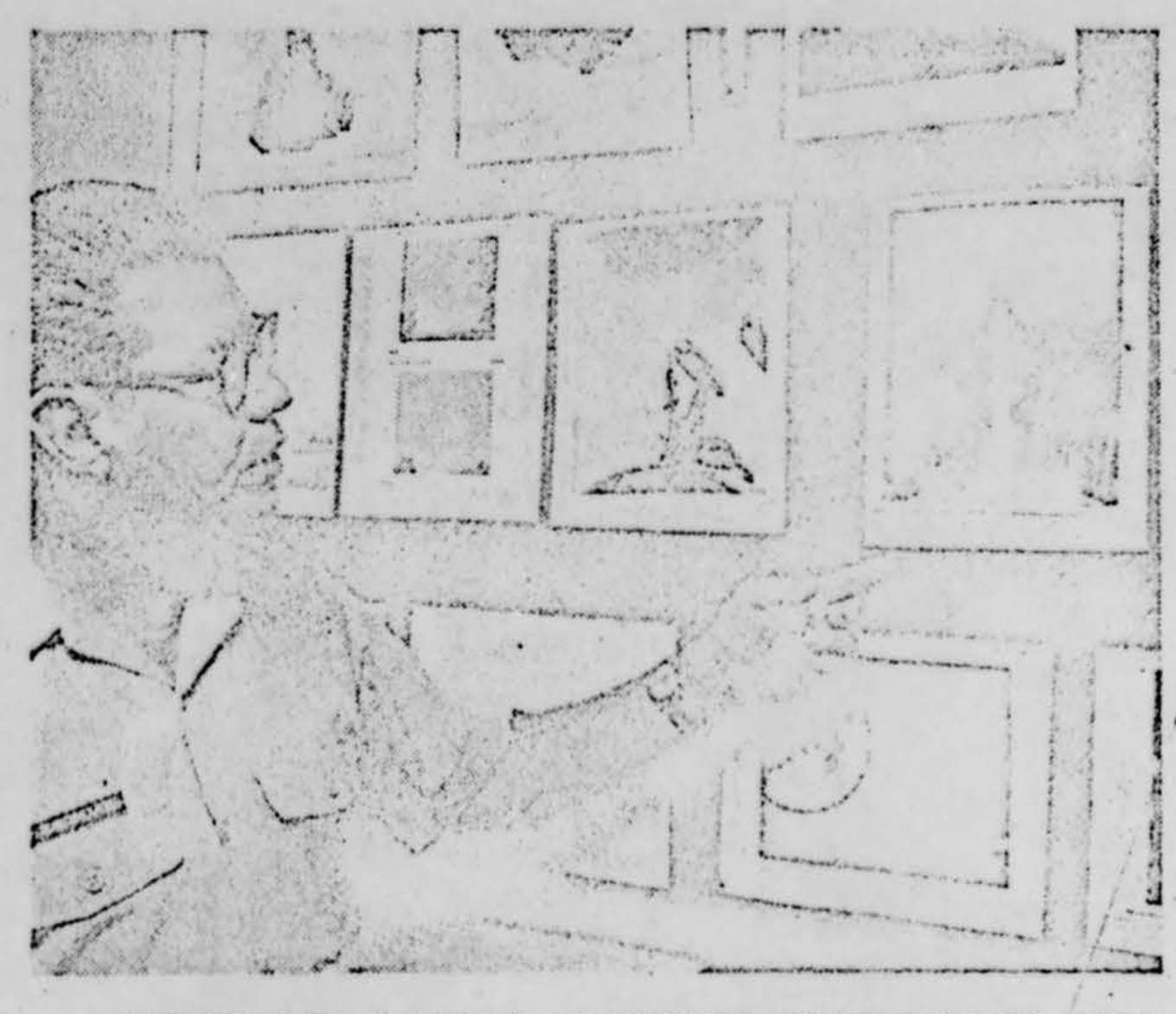
"Look at that!" Mary called out. Mike stopped the car and they climbed out for a better look.

WHAT THEY SAW, Mike reported later, was a "long bright object which looked like an airliner with fire coming out the windows, and three jets in the tail."

Reports poured into Lt. Col. Hector Quintanilla and the Project Blue Book staff.

A woman said her dog hid between two trash cans in her driveway and whimpered "like she was frightened to death" when the UFO went over.

A science teacher, who said he held a doctor's degree, reported trying to signal the UFO with a flash light.



QUINTANILLA LOOKS AT PHOTOS OF SO-CALLED UFOS
Displayed in Project Blue Book Office at Wright-Patterson

THE COMPLETED file when finally compiled by Quintanilla even included drawings some persons sent him of the object they saw. He received 75 eyewitness accounts of the sighting.

And to date it is the most thoroughly documented revealing UFO episode he has worked with. Now, for all practical purposes, the case is closed.

Earlier this month the Air Force officially confirmed it's earlier assessment that the fiery objects seen over Midwestern and Eastern United States on Mar. 3rd were debris from the Zond 4 Russian space launching.

"WE NEVER HAVE been, nor will we be in touch with Russian officials in the matter," said Quintanilla. "The state department would handle any such communication."

The completed report and file in the matter was sent this week to the University of Colorado officials who are studying UFO's and un-explained air

8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? *(Check appropriate blocks.)*

	OUTDOORS		IN BUSINESS SECTION OF CITY
	IN BUILDING	✓	IN RESIDENTIAL SECTION OF CITY
✓	IN CAR ☑ AS DRIVER ☐ AS PASSENGER	✓	IN OPEN COUNTRYSIDE
	IN BOAT		NEAR AIRFIELD
	IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER		FLYING OVER CITY
	OTHER		FLYING OVER OPEN COUNTRY
			OTHER

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:

WHAT DIRECTION WERE YOU MOVING?

	NORTH		EAST
✓	SOUTH		WEST
	NORTHEAST		SOUTHEAST
	NORTHWEST		SOUTHWEST

HOW FAST WERE YOU MOVING?

50 MPH

DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON?

☑ YES ☐ NO

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.

No

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.

1965 Ford fairlein passenger car, good level highway, clear w/ther no clouds, we stoped rolled down windows, shut off heater & motor to listen for sound. there was no sound

HOW MUCH OTHER TRAFFIC WAS THERE?

some, about 4 cars

DID YOU NOTICE ANY AIRPLANES? ☐ YES ☑ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME

2 minits or maybe a little longer

	CERTAIN OF TIME		NOT VERY SURE
✓	FAIRLY CERTAIN		JUST A GUESS

HOW WAS TIME DETERMINED?

after object disapeard we drove to center of Xenia. town clock was 9:50 PM about one mile drive.

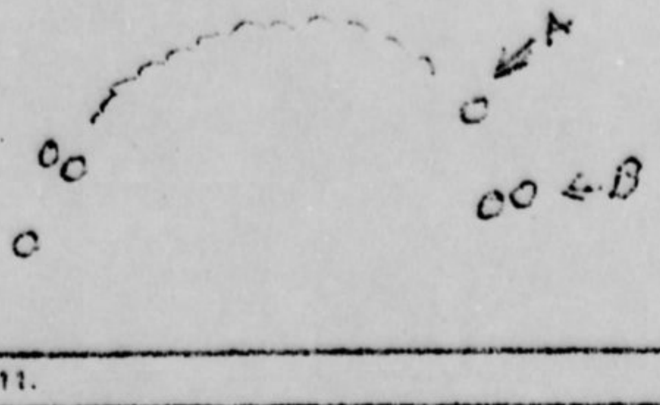
WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☑ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.

Disapearance was due to distance and terain. object was very low to terain when both first and last sighted.

9

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

There was either (1) or (3) I will try to explain. there were (3) circular lights, white to gold in color. I did not notice a difference but my wife says front light (A) was larger than 2 lights (B) It was either 3 objects or 1 object having 3 lights. 2 lights (B) followed 1 light (A). maintained the same flight pattern exact apparently curvature of flight caused change seen in this sketch. Leaving a wide + long trail of sparks



11. CONDITIONS (*Check appropriate blocks.*)

A. SKY		B. WEATHER			
	DAY		CUMULUS CLOUDS (*Low fluffy*)		FOG OR MIST
	TWILIGHT		CIRRUS CLOUDS (*High fleecy or Herring-bone*)		HEAVY RAIN
✓	NIGHT				LIGHT RAIN OR DRIZZLE
✓	CLEAR		NIMBUS CLOUDS (*Rain*)		HAIL
	PARTLY CLOUDY		CUMULONIMBUS CLOUDS (*Thunderstorms*)		SNOW OR SLEET
	COMPLETELY OVERCAST				UNKNOWN
			HAZE OR SMOG	✓	NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS		(2) MOON		
	NONE	✓ BRIGHT MOON ~~NIGHT~~ ✓		NO MOONLIGHT
	A FEW	MOON WITH HALO		UNKNOWN
✓	MANY	MOON HIDDEN BY CLOUDS		
	UNKNOWN	PARTIAL (*New or quarter*)		

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

	IN FRONT OF YOU		TO YOUR RIGHT		OVERHEAD (*Near noon*)
	IN BACK OF YOU		TO YOUR LEFT		UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

some lights were on in the area - did not effect object

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

No body of vehicle was visable. 3 self illuminating lights, white to gold in color. No flame was visable, but objects of light put off a great quanity of golden sparks which seemed to float in a long + wide trail behind the three lights. Indicating to me that speed was not excessive. In my opinion it was a solid Rocket type vehicle with 3 lights, or 3 oval, saucer type vehicles. there was no sound. My wife says she observed flight between her an big dipper.

13. DID THE PHENOMENON	YES	NO	UNKNOWN
MOVE IN A STRAIGHT LINE? falling a curve	✓		
STAND STILL AT ANYTIME?		✓	
SUDDENLY SPEED UP AND RUN AWAY?		✓	
BREAK UP IN PARTS AND EXPLODE?		✓	
CHANGE COLOR?		✓	
GIVE OFF SMOKE?		✓	
CHANGE BRIGHTNESS?		✓	
CHANGE SHAPE?		✓	
FLASH OR FLICKER?		✓	
DISAPPEAR AND REAPPEAR?		✓	
SPIN LIKE A TOP?		✓	
MAKE A NOISE?		✓	
FLUTTER OR WOBBLE?		✓	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

I was firs to see dights but payed no attenton until my son said, look up there what is it?

A. HOW DID IT FINALLY DISAPPEAR?

out of sight

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☐ YES ☑ NO. IF "YES," DESCRIBE.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.

15. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

Objects were much large than stars. about softball or baseball size at hand. times distance would give actual size. As a guess I would say if this was one object with 3 lights it was very large If there were 3 objects they were probably 20 - 30 feet in diameter.

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.

	EYEGLASSES		CAMERA VIEWER
	SUNGLASSES		BINOCULARS
✓	WINDSHIELD		TELESCOPE
✓	SIDE WINDOW OF VEHICLE		THEODOLITE
	WINDOWPANE		OTHER

A. DO YOU ORDINARILY WEAR GLASSES? ☐ YES ☑ NO

B. DO YOU USE READING GLASSES? ☑ YES ☐ NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED 80 - 150 MPH

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE 1500 FT. high

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

sugestions

1. Cylinder type Rocket with two thrust rocket engins and one rocket engine in front for guiding purposes.
2. Meteor broken into 3 main parts
3. space or aironautical craft.

21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☑ NO. IF "YES," DESCRIBE.

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☑ NO. IF "YES," DESCRIBE.

But I would call your attention to the number of grass fires in Greene County on March 4, I do not know if this is true but I heard there were (72) grass fires in the area on the day following this sighting. I would think there might be a possible connection.

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☑ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☑ YES ☐ NO. IF "YES," DID THEY SEE IT TOO? ☑ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

[redacted]

son
daughter
daughter

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME [redacted]

ADDRESS (Street, City, State and Zip Code) [redacted] Xenia Ohio

TELEPHONE (Area code and number)	AGE		MALE		FEMALE
[redacted]	33	✓			

INDICATE ADDITIONAL INFORMATION [redacted]UDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

[redacted] Xenia Ohio

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?

NAME W.P.A.F.B. DAY 4 MONTH March YEAR 1968

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 5 MONTH March YEAR 1968

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27. INFORMATION WHICH YOU FEEL IS PERTINENT BUT WHICH IS NOT ADEQUATELY COVERED IN THIS QUESTIONNAIRE, ALTERNATIVELY PROVIDE A NARRATIVE EXPLANATION OF THE SIGHTING.

The only question I have iss in path of flight. It appeared that ~~that~~ the objects came from the ground and went back to the ground. ~~I made~~ This appeared so because of pattern of three lights and sparks.. But I wonder if flight path was parallell to the ground and at a certain altitude. And that if the above appearance could have been caused by some illusion.

Please send me infamation on what
to do in the event of a future sighting.
I have often wondered about reports
of landings why people did not, shoot at
fire on. attempt to capture, or somethino. I
think some effort should be made on the
part of sighter to obtain proof and identfaction
since he is the only one on hand.

[redacted]

PENNSYLVANIA

Kane

April 11, 1968

Aerial Phenomena Office
Wright-Patterson Air Force Base
TDPT (UFO)
Ohio 45433

Dear Sir:

I am writing this letter in regards to the satellite that was seen on March 3, 1968, around 9 P.M.

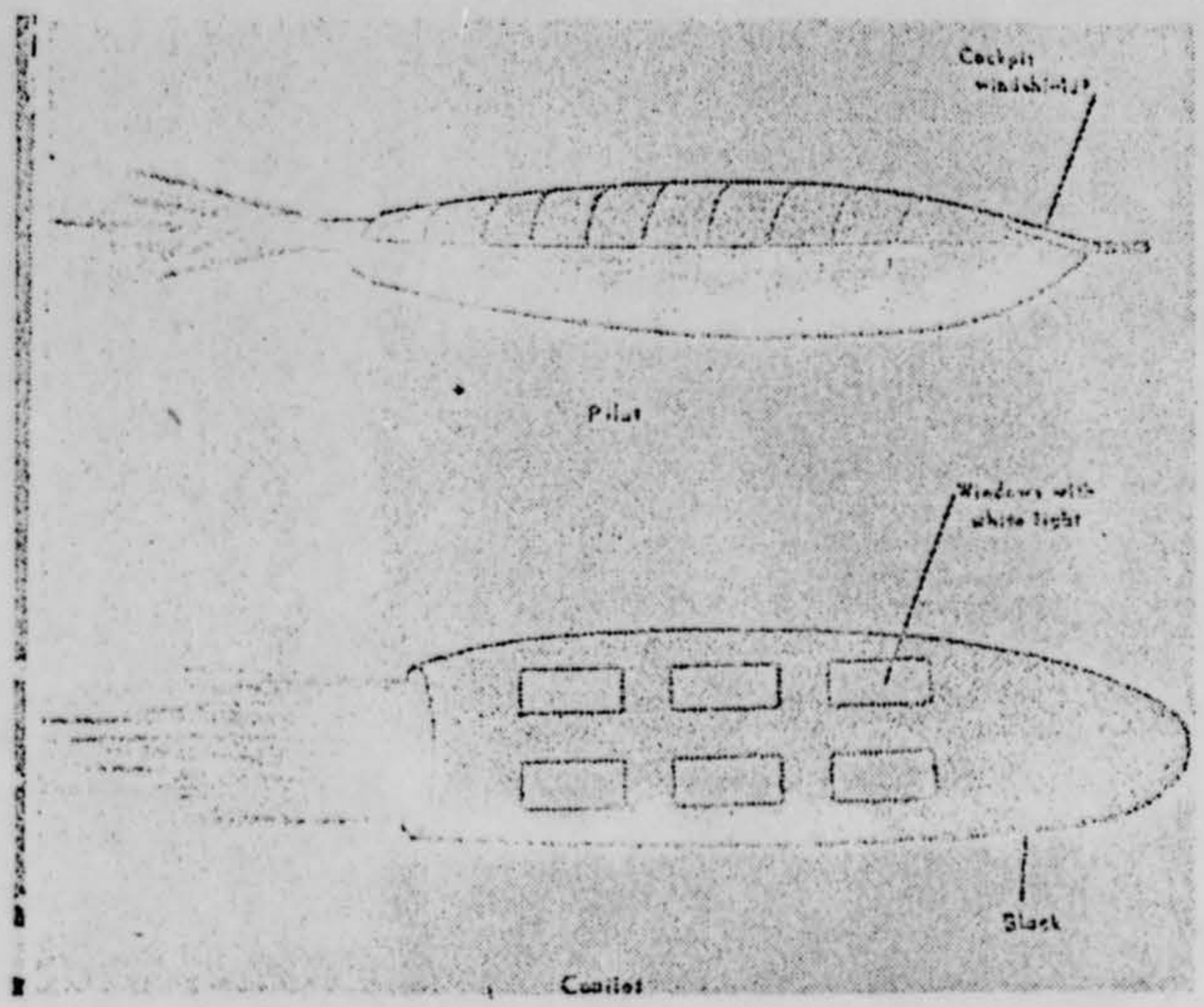
On that date, I saw something in the sky that looked like a ball of fire. As I was watching, it broke into three different parts, each part disappearing at different times. I'd say that there was approximately three to four seconds between the disappearance of each (this is a rough estimation). One part could be seen longer than the others, but I can't tell you if it also died out or not. I did not hear anything like a clap of thunder.

If I can be of further help, please do not hesitate to contact me.

Sincerely,

[redacted]
Kane, Pennsylvania

...e Book Staff Confirms



SKETCHES OF UFO SEEN ON EVENING OF MAR. 3
'Long Bright Object'—Staff Photos by Wally Nelson

phenomena.

Said Quintanilla, "They are an independent scientific group. They come up with their own conclusions in matters . . . but we cooperate with them one hundred per cent."

DESPITE THE FLURRY surrounding the Mar. 3rd episode, a puzzling aspect of his five years as head of the Blue Book program here is that there is a sharp decline in reports of sightings this year.

"I've thought a lot about it and tried to assess the reason," said Quintanilla. "Perhaps one reason for the decline is that so much has been written recently about the whole subject."

"It's just speculation on my part, but perhaps more people now are conscious of the technology of the situation, and are not easily fooled."

ASKED IF HE personally believed there are flying objects in space, manned, or sent there by life from other planets or galaxies Quintanilla had a quick response.

"I'm often asked this. There is no evidence whatsoever to support this hypothesis. And I have 20 years of reports and records on the whole matter in my possession."

"But as long as there is a sky," he surmised, "Some folks will believe there are objects out there sent by other planets."

"YOU NEWSPAPER people started it all," Quintanilla said. "Back in 1917 a newspaper reporter coined the word "flying saucer." It's been with us ever since. You reporters can invent things, too."

In his official record book, Quintanilla has only one object currently under investigation which has not been identified.

A citizen in Groberton, Mo., reported being awakened in the middle of the night. He estimated the object he saw was about one hundred feet in diameter, and had "fiery, flashing bright yellow and green lights."

"WE HAVE NOT FOUND much to work on in this case," said Quintanilla. "But we are pursuing it, as we do every report we get."

As of today, the Air Force has received 156 UFO reports since Jan. 1. Of these, 21 were attributed to planets or other astronomical objects, 19 to aircraft, 10 to balloons, 8 to earth satellites, and 22 to other known causes. Thirty-five cases are pending in which identification is imminent.

"If it keeps up at this rate," Quintanilla said, "This will be the lowest year yet."

He added, "I don't think I'll ever be out of a job though."

((3 March 68

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDPT (UFO)

4 APR 1968

SUBJECT: UFO Observation, 3 March 1968

TO: M[redacted]
Kane, Pennsylvania 16735

Your name has been given to the Aerial Phenomena Office (Project Blue Book) as being a witness to an unidentified flying object. If you were a witness to an UFO sighting on 3 March 1968 would you please complete the attached AF Form 117 and return it in the envelope provided. If you were not a witness to this sighting, would you please make a statement to this effect on the attached form. The information which you provide will be used in evaluating this observation. Thank you for your assistance in this matter.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
AF Form 117 w/envelope

107

MEMO FOR THE RECORD 3 April 1968

Subj: UFO OBSERVATION, 3 Mar 68

Mr. [redacted] called collect to the Aerial Phenomena Office on 3 Apr 68 regarding his observation of 3 Mar that was most probably satellite decay.

Mr. [redacted]
At[redacted]
Kane[redacted] 16735
Off[redacted]
Home

DATE/TIME: 3 Mar 68, approximately 9:40 pm, EST
DURATION: Approximately 15 seconds
COURSE: SW to NE or possible SSW to NNE
OBJECTS: three at first, then one
OBSERVERS LOCATION: Driving west on Rt 6, one mile east of Kane, Pa

GENERAL COMMENTS: The observer was driving west on Rt 6 [redacted] when he first saw the objects. When he first saw them, there were three, well above the horizon "my own estimate from talking to him was 30 to 40 deg above the horizon" according to Lt Marano. The objects were whitish in color and were three in number. The observer drove on less than one-fourth mile ($\frac{1}{4}$), until he found a parking place. He stopped and got out. During the time two of the objects had disappeared (the observer did not see them disappear). The observer only saw the one object at disappearance; it passed due west of him at about 30 to 40 deg elevation heading approximately NE. The object continued on its course and disappeared in the NE or NNE at about 30 to 40 deg elev. The object appeared like flame (reddish) before it disappeared. The observer could not given an estimate of how bright the object was but gave the following statement "You know how bright the full moon is, you can see by its light (it will cast shadows) and you know how bright Venus is, you can't really see by it, well you couldn't see by the light of the object but it was quite easily seen." The observer did state that as the object passed directly in front of him the angular velocity seemed much greater than when he first saw the object.

NOTE: An AF Form 117 will be sent to Mr. [redacted] at his request) and he will provide more specific directions and elevations.

GA-132

GOODYEAR AEROSPACE
CORPORATION

AKRON, OHIO 44315

29 April 1968

In reply refer
to 458-68-108

Lt. C. P. Tobey, TDPSX
Building 828
Wright-Patterson Air Force Base
Ohio

Attention: Ken McDavid

Subject: Analysis of Aerial Phenomena Sited 3 March 1968

Enclosure: Map of Kane, Pennsylvania Area

Dear Lt. Tobey:

The letters recently forwarded to GAC regarding aerial phenomena sited by local residents of north central Pennsylvania on 3 March 1968 have been examined.

It is concluded from this new information that at least three pieces traveled beyond impact area A, reported earlier (see Enclosure). Two of these three pieces could have landed in area B. The third piece evidently continued beyond area B, probably landing in area C.

If you feel it is warranted a more exact analysis could be performed using the GAC 3-degree-of-freedom re-entry program. However, such an analysis would only be worthwhile if additional information can be made available regarding the orbit of these items.

Prepared by: M. L. Jeppesen
for M. W. Bahnman

Approved by: M. L. Jeppesen
for R. E. Knight
Dept. 458, Plant H
Phone: 794-3418

c [redacted]
File

To Ithaca
To Binghamton
WILLIAMSPORT
ELMIRA
VORTAC
GRAND CANYON
CHEMUNG CO
WILLIAMSPORT
LYCOMING CO
LOCK HAVEN
HORNELL
MAPLE CITY
WELLSVILLE
JAMESTOWN
CHAUTAUQUA LAKE
DUNKIRK
FREDONIA
PORT COLBORNE
CANADA
NEW YORK
PENNSYLVANIA

((PITTS. PA.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 911TH MILITARY AIRLIFT GROUP (RESERVE) (CAC)
GREATER PITTSBURGH AIRPORT, PITTSBURGH, PENNSYLVANIA 15231

7 MAR 1968

REPLY TO ATTN OF: GIO

SUBJECT: UFO Sightings 3 March 1968

TO: Project Blue Book (TDEN/UFO)
ATTN: Lt. Morano
Wright-Patterson AFB Ohio 45433

Reference your recent telecon concerning reported sightings in Pittsburgh area 3 March 1968.

Reports received: Mr. [redacted] Pa., [redacted]
Sighted three UFO's flying in close formation in a North easterly direction.

Mrs. [redacted], Pa.
[redacted] Sighted three firelike jet streams near Connellsville, Pa. SW of Pittsburgh. Two objects were close to one of the jet streams. Objects flying in a northerly direction and disappeared to the north.

Mr [redacted]. Three lines of fire with ill defined heads, traveling about the speed of a jet. At the horizon they seemed to break up and disappear. Sighted at 2145, 3 Mar 68. Three lohg lines, size unknown. Color of fire, traveling NNE at about the speed of a jet.
Note: Mr [redacted] has worked in control tower as an operator and is familier with astronamy.

Other calls received, no names or phone numbers all describe basically what Mr. [redacted] described.

EUGENE F. PEHRER
Information Officer

April 11, 1968

[redacted]

Dear Sir.

I am writing in response to the article in the newspaper concerning the fireball.

On the evening of March 3, 1968 around 9 PM, I and [redacted] observed orange red lights, moving from the southern horizon to the west which, the lights separated with one light thrusting forward quickly, going directly overhead, disappearing into the northern horizon. We heard no sound. It resembled pictures we have observed, such as, when rockets are released in stages.

Sincerely yours

Mrs. [redacted]

(Warren (

P.M.
11 APR 68

Dear Sir,

I was looking about on Wed. Apr. 3, 1968 between 8:45 and 9:10, about 8:55. I saw a fire ball, at the time, I thought it was a meteorite. I saw in the newspaper of Apr. 10, 1968 where a couple also saw this phenomena. I thought it was about the size of an orange held at arms length. I did not hear anything ~~[illegible]~~ like a boom or the like.

Please excuse the informality. There were two other boys with me who also saw this.
If you have any questions you may reach me by mail at:

[redacted]

Sincerely,

[redacted]

1st P.S. It was traveling from N.E to N.W. I think

TENNESSEE

TDPT (UFO) Lt Col Quintanilla/70916/mhs/25 Apr 68

25 APR 1968

UFO Observation, March 3, 1968

Mrs. [redacted]
Hen[redacted]ville, Tennessee 37075

1. This replies to your letter of March 19, 1968, addressed to Sewart AFB, Tennessee. They forwarded your letter to us on April 10, 1968.

2. The data you presented in your letter is similar to that which we have received from other witnesses on their sightings of March 3, 1968. This sighting is carried in Air Force files as satellite decay; a summary of the observation is inclosed.

3. Thank you for reporting your observation to the Air Force.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Summary, Mar. 3, 1968

TDPT (UFO) OFFICIAL FILE CY

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 314TH COMBAT SUPPORT GROUP (TAC)
SEWART AIR FORCE BASE, TENNESSEE 37168

REPLY TO ATTN OF: Base Operations (DO-BO)
Sewart AFB, Tennessee 37168

10 April 1968

SUBJECT: UFO

TO: FTD (TDETR)
Wright Patterson AFB
Ohio 45433

The enclosed UFO report was received by the UFO officers, Sewart AFB, Tenn 1 April 1968. No further investigation of this report was made by personnel this headquarters.

STEVE FITZHUGH, Lt Colonel, USAF
Base Operations Officer

Copy

I N D E X

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D.	WEATHER DATA
E.	MISCELLANEOUS INFORMATION

Page [redacted] Not for publication

Base Operations, DO-BO
314 Combat Support Gp.
Sewart Air Force Base
Tennessee 37168

[redacted]dt
[redacted]ende[redacted]75
[redacted]

Dear Sirs:

On March 4th, one of our local newspapers, "The Nashville Tennessean," published an account of sightings of an UFO and put it on front page. The Tennessean gave a report that I shall copy in part: --- "8:45 PM Central Standard Time, Sun., Mar. 3, 1968 ---- traveling from southwest to northeast in a flat trajectory. Descriptions of the UFO varied slightly, but, in general, as it flew over Nashville, it was described as fuselage-shaped with lights that appeared from windows. All agreed that it was flying at a high rate of speed and made no noise. Many reported an orange trail behind the object. Officials at Berry Field (Airport) said they had numerous reports of sightings. They also reported that the UFO had been seen in Little Rock, Ark., Memphis, Tenn., Jackson, Tenn., Lexington, Ky., and Roanoke, Va. A person named [redacted] said that the FAA had reports of sightings all over the southeast."

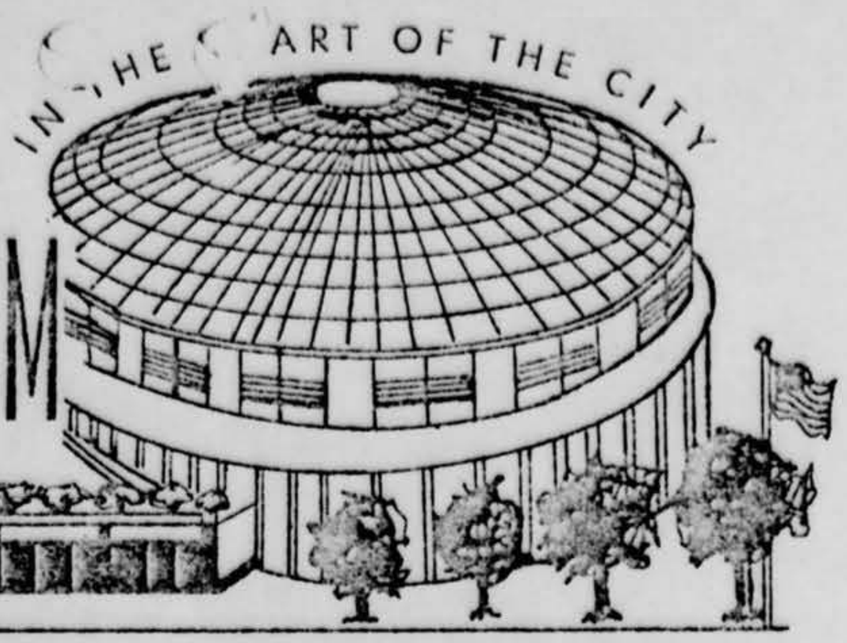
****

I have written a report containing a description of my sighting of the UFO and its flight as I observed it over Nashville, Tenn., while standing beside Mayor [redacted] and my husband, [redacted] I wrote my description from notes I had taken a few days after the event, as I had learned in school that for better accuracy, one should take notes early. I feel it important to relate to you , amount of alcoholic beverage that I had consumed prior to my UFO sighting. Also, I feel it important to relate to you some references as to my character.

March2nd, I consumed no alcoholic beverages --- or drugs of any kind.

March 3rd: ---- I consumed no alcoholic beverages (or drugs) until we arrived

NASHVILLE MUNICIPAL AUDITORIUM



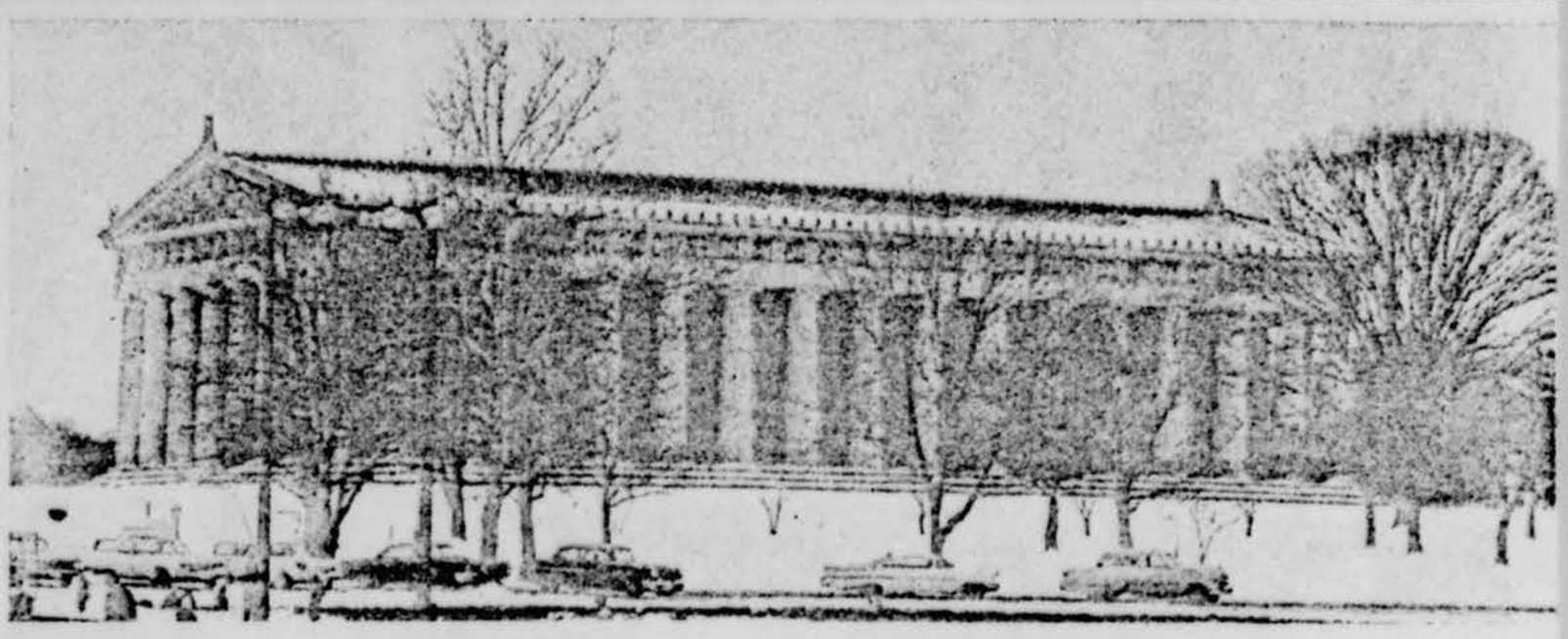
CONVENTIONS • SPORTS EVENTS • TRADE SHOWS • EXPOSITIONS • SPECTACULARS • CONCERTS

VOLUME 1 NO. 2 | METROPOLITAN NASHVILLE, TENNESSEE *athens of the south . . . music city U. S. A.* | JANUARY-FEBRUARY 1968

THE PARTHENON

In Centennial Park

Nashville, Tennessee



ONE OF the extremely valuable contributions made by Nashville to the world is that made through her great educational institutions.

Nashville had long been known as the 'Athens of the South' before the Parthenon was first erected in 1897 as the gallery of fine arts for the Tennessee Centennial Exposition, celebrating the important event of Tennessee's full century statehood in 1896. Built to last a year, the much beloved building stood for nearly 24 years. The Board of Park Commissioners had long had the idea of reproducing the Parthenon in permanent materials. This was an ambitious undertaking for a city much larger than Nashville. But Nashville wears seven-league-boots and travels fast. The old building was torn down in 1920 and on its site the present reproduction of the Parthenon at Athens was begun. Its doors were opened to the public on May 20, 1931.

The original Parthenon, constructed in Athens, Greece in 438 B.C., was built to enshrine the Goddess of Wisdom. Our Parthenon is an exact replica of original Parthenon in Greece; and we do hope in time to reproduce the immense statue of the Goddess of Wisdom, in order that the replica may be complete.

Nashville Parthenon differs in design in a few ways that are necessary. There is artificial light overhead as opposed to no light from the ceiling in the original. This is essential due to our colder winters during which time the great East doors must be secured. We have passageways from the larger East room (Naos) to the West room (Parthenon). The Greek laymen were not permitted to view the inside of this sacred treasure room. Our major difference is in the material used in the super structure. The original was of marble re-enforced with lead, the reproduction in Nashville is concrete re-enforced with steel which last much longer. The statues are not the originals, the British possess them, but these are cast from moulds of the originals; they are 163 years old and minute in their exactness. The original had a wooden ceiling, cedar from the Cedars of Lebanon was used, here the cypress from the everglades of Florida was chosen because it too is durable. The most striking feature of the Parthenon when viewed from any exterior approach is the Grecian Urn outlined against the sky by Doric Columns and best viewed from a point inside the Naos and through the East doors. The two famous doors—largest bronze doors on earth—weigh 7½ tons each; under supervision visitors are permitted to move them, even a three year old child can do so. Imbedded in the six foot walls are great steel hinges weighing thousands of pounds.

The Greeks used their Parthenon for 900 years as a shrine—they did not enter the temple. The Christians used the building for 1,031 years as a church and the Moslems used it for 200 years as a Mosque.

There is a basement in our Parthenon for the enjoyment of the visitors, containing fine permanent art and contemporary work; it is not a part of the reproduction and should not be interpreted as such.

Nashville Parthenon was financed by the people of the city and its functions today under the authority of the Board of Parks and Recreation. Around 800,000 visit this great structure each year. The visitors come from fifty states and from almost every foreign nation of this earth. They are students of history and architecture. They are people on vacation and school groups.

Senjy, The Fireball Will Bring You

What to See!

Historical and Cultural interests in and around Nashville appeared in our December 1967 publication of Nashville Municipal Auditorium.

Children's Museum is featuring a Rocky month for February with a very Special Show of Rocks and Minerals; Middle Tennessee Rockhounds Club meeting on 13; the Seminar, 17; the Field Trip, 24; and the Treasure of the Month are all on Rocks and Minerals. For more information and registration, call 242-1858. Lapidary demonstration and rock trading will be on 11, 18 and 25. Interest in space is so compelling these days, the Museum offers interested persons the opportunity to learn more. Planetarium lectures for groups and classes may be arranged by appointment. 'Astronomy Today' is featured in February; 'The Nature of Stars' in March; 'Clouds in Space' in April. Every Sunday at 2:45, 3:30, and 4:15. Every Saturday at 3:30.

Children's Theater proudly presents 'The Thirteen Clocks,' by James Thurber, A Musical Fairy Tale; and 'The Famous Adventures of Don Quixote' in a spring production.

Cheekwood—Tennessee Botanical Gardens and Fine Arts Center—will feature Tennessee Painting Today through Feb. 25, starting again Feb. 28 through March 31. Jerome Russell MacBeth of Jacksonville, Fla., has been named director of the Tennessee Fine Arts Center at Cheekwood. Registration is now open for the spring term of Philip Perkins' studio course in painting. Workshop—'Practical Gardening in Nashville'—will be Feb. 28 and 29. Two sessions a day from 11 to 12 and from 1 to 2. Register in advance. Talk by Guy E. Robbins, Feb. 29 at 7:30 p.m. on 'The Value of a Botanic Garden to a Community.' March 5, 12, 19 and 26 at 7:30 p.m. Landscape Design Course by W. James Coile. $6 for course. Register in advance.

Camellia Show will be held on Feb. 17 and 18 in the Garden Center at K Mart on Nolensville Road at Harding Place. This is the first competitive show of the Middle Tennessee Camellia Society.

Nashville Symphony Orchestra under the baton of Dr. Thor Johnson will feature the Young People's Concert, Feb. 27 and 28 and March 1 and 6. Phone 256-1175 on questions and reservations.

WDCN-TV—Channel 2—will broadcast the Young People's Concert Preview Feb. 19 at 9:15 a.m. 1:15 p.m. and 8:30 p.m. NET Journal will present Huelga, Feb. 12-13; The World of Piri Thomas 19-20; Farewell Arabia 26-27. Great Decisions of 1968, Feb. 15, Brazil; Communist China 22, Britain 29. NET Festival, Feb. 15, Charles Ives; The Chicago Picasso 22, Bach and His Sons 29. NET Playhouse, Feb. 9, The Successor, Infancy and Childhood 16, Mid-Channel 23.

Parthenon in Feb. Foyer will feature Mrs. Ilene Cornwell; Cowan Gallery, Mrs. Al Hershberg; Cheek Gallery, Atlas Qualls; Cheek Hall, Key to the City, new Nashvillians group. In March, Foyer will feature Mrs. Florence Maillie; Coway Gallery, James Gross; Cheek Gallery and Hall, Gus Baker, University of Tennessee Students' Show. The shows consist of drawings, paintings and prints.

WPLN, your Public Library's FM Station, will present some recordings of Cantatas by Bach not previously broadcast. Following this they will continue with the organ works beginning where they stopped in their last spotlight. Consult the daily listing for the individual compositions being presented. The World of the Rockhounds will be broadcast on Wednesdays at 8 p.m. and run for 39 weeks. Don't miss this weekly series, devoted to the people who are the Rockhounds. A new Russian Opera will be presented Feb. 22 at 8 p.m. Nashville Forum, Mondays at 8; topics of current interest, featuring Nashvillians. The Sounds of Poetry, Feb. 19 at 8 o'clock, and many other interesting programs.

Celebrity

OF THE MONTH

Dr. George W. Reichardt, Chairman of the Metropolitan Board of Parks and Recreation. His dedication to the recreational needs of the community has resulted in the department receiving national recognition, by receiving the Finalist National Gold Medal Award for excellence in the field of Park and Recreation Management. His capabilities in the national recreation movement have been recognized and he was elected 1968 President of the Commissioners—Board Members Branch of the N.R.P.A.

Dr. Reichardt, a Chiropractor, has been the recipient of the Long Rifle Award and the Silver Beaver Award for outstanding adult service in Boy Scouting. A water sports enthusiast, he broke a world record in 1951 in the Division 111 A Runabout racing boat. While a member of the National Out Board Association, he won the 1952 National High Point trophy for earning the most boat racing points of the year. He was appointed Water Safey Chairman in 1960 of the Nashville and Davidson County Chapter of the American Red Cross and still serves in that capacity. He is a member of First Methodist Church in Hendersonville; Bluegrass Country Club and serves on the Marina Committee of the Club. He and his wife have two children.

Dr. Reichardt is a man of great energy, courage, integrity, and love for pleasant and healthful living. The host of humanitarian causes to which he has devoted himself has long identified him an important figure in public life. His vigorous and active devotion to American ideals and the American way of life has set a standard for us to emulate.

Fred Ashburn McGill, Jr., former patients accounts manager at Baptist Hospital for the past seven years, has assumed his new duties at General Hospital as business manager. At right is Sherman A. Gardner who replaced Thomas Cartwright as hospital administrator in 1967.

Bordeaux Hospital employees received such a nice letter at Christmas, signed by Billy R. Talbert, Director of Metro Hospitals, and by Dr. L. S. Ribeiro, that they wish to thank these men publicly for the nice things they said in the letter and also for helping to make the hospital what it is today.

Police Dept. We have praise for some policemen and sympathy for others. Four police officers recently received special awards of honor from Mayor Briley for 'heroic service in the line of duty.' They were Patrolman Tommy J. Lambert, Lt. J. W. Irvin, Officers Edward A. Rivers and John W. Vannatta. The Nashville Jaycees chose John Sorace, Assistant Chief, as 'Outstanding Young Man of the Year.' Our sympathy goes to our Police Department and to the families of Thomas E. (Pete) Johnson who was killed and Charles W. Thomasson who is in a critical condition at General Hospital. These men risked their lives to keep the city safe.

A SAFETY TIP WORTH TAPPING

Mrs. Frank Cheatham, Director of Safety Council, Middle 1 District of Tennessee Federation Of Business and Professional Women, urges you to drive carefully. 'To leave your blood at the Red Cross Blood Bank, not on streets and highways.'

Adult Education

The Adult Education Department of the Metropolitan Schools will sponsor Adult Classes for any person over 18 years of age and not attending school. Classes began February 5 & 6, 1968. Tuition for most classes will be $10.00 per quarter. The quarter will run for twelve weeks. The complete Winter Quarter schedule is listed below:

ADMINISTRATIVE OFFICE

Data Processing (Beg.)—Arlene Pelton ... Mon. & Wed., 7-9 P.M., $12.00
Data Processing (Adv.)—Thomas Hill ..... Tu. & Th., 7-9 P.M., $12.00

ANTIOCH HIGH SCHOOL

Shorthand—Bonnie Evans ..... Mon., 6:30-9:30 P.M., $10.00
Real Estate—Malcolm Barrett ..... Tu., 7-10 P.M., $10.00
Art—Annie Ruth Stroud ..... Th., 6:30-9:30 P.M., $10.00

JERE BAXTER ELEMENTARY SCHOOL

China Painting—Mrs. Mildred Fuqua ..... Tu., 9:00-12 Noon, $10.00
China Painting—Mrs. Mildred Fuqua ..... Tu., 7:00-10:00 P.M., $10.00
Art (Painting)—Mrs. Mildred Fuqua ..... Wed., 9 A.M.-1:00 P.M., $10.00
Millinery—Mrs. Helen Wynn ..... Mon., 9:30-1:30 P.M., $10.00

NORMAN BINKLEY ELEMENTARY SCHOOL

Modern Math—Glen Moore ..... Th., 6:30-9:30 P.M., $10.00

CAMERON HIGH SCHOOL

Typing—Mrs. Millie Washington ..... Tu. & Th., 7-9 P.M., $12.00

COHN HIGH SCHOOL

GED Preparation—L. Corkran & C. Wood .... Tu. & Th., 7-9 P.M., $10.00

DONELSON HIGH SCHOOL

Art—Elizabeth Gilbert ..... Tu., 7-10 P.M., $10.00
Bookkeeping—Linda Hooley ..... Tu. & Th., 7-9 P.M., $10.00
Semi-Precious Gem Cutting & Polishing—
William J. Alder ..... Mon., 6:30-9:30 P.M., $20.00

GLENCLIFF HIGH SCHOOL

Furniture Upholstering—John Collins ..... Th., 6-10 P.M., $10.00
GED Preparation—J. Morgan, E. Knotts ..... Tu. & Th., 7-9 P.M., $10.00
Typing—Mrs. Alice Kennon ..... Tu. & Th., 7-9 P.M., $12.00

GOODLETTSVILLE HIGH SCHOOL

Typing—William Gibson ..... Mon. & Wed., 7-9 P.M., $12.00

HILLSBORO HIGH SCHOOL

Furniture Upholstering—John Collins ..... Mon., 6-10 P.M., $10.00
Woodwork—Donald Darris ..... Mon., 6-10 P.M., $10.00
Sewing—Mrs. Mary E. Benson ..... Wed., 6:30-9:30 P.M., $10.00
Orchestra—John Kline ..... Mon., 7:30-9:30 P.M., $10.00

HILLWOOD HIGH SCHOOL

Modern Math—Glen Moore ..... Mon., 6:30-9:30 P.M., $10.00
Woodwork—Donald Pryor ..... Mon. & Th., 7-9 P.M., $10.00
Art—Mrs. Kathleen Golnik ..... Mon.-Wed., 7-9 P.M., $10.00
Typing—Sylvia Marlowe ..... Tu. & Th., 7-9 P.M., $12.00
Shorthand—Sylvia Marlowe ..... Mon., 7-10 P.M., $10.00
Bridge—Harry Alsup ..... Th., 7-9 P.M., $10.00

JOELTON HIGH SCHOOL

GED Preparation—TBA ..... Mon., 6-10 P.M., $10.00
Flower Arranging—Mrs. E. Reynolds .... Tu. & Th., 7-9 P.M., $10.00
Upholstering—Mrs. Lou Ross ..... Mon., 6-10 P.M., $10.00
Typing—TBA ..... Tu. & Th., 7-9 P.M., $12.00
Physical Fitness—Karl Johnston ..... Tu. & Th., 7-9 P.M., $10.00
Woodwork—Claude Hall ..... Th., 6-10 P.M., $10.00

MAPLEWOOD HIGH SCHOOL

Typing—Walter Swain ..... Tu. & Th., 7-9 P.M., $12.00
Art—Eva Russell ..... Tu., 7-10 P.M., $10.00
GED Preparation—Adam DeBerry ..... Mon., 6-10 P.M., $10.00

ISAAC LITTON HIGH SCHOOL

Gen. Civil Service, Test Preparation—
John Ed Garrett ..... Mon., 6:30-9:30 P.M., $10.00
Flower Arranging—Mrs. Ann Brush ..... Mon., 6-9 P.M., $10.00
Furniture Upholstering—A. B. Jackson ..... Tu., 6-10, $10.00
Thurs., 6-10, $10.00
Sat., 8-12, $10.00
Real Estate Study—Roscoe Jackson ..... Mon. & Wed., 7-9 P.M., $10.00
Shorthand—Melba Robinson ..... Th., 7-10 P.M., $10.00
Typing—Richard Hewitt ..... Tu. & Th., 7-9 P.M., $12.00
Art Fundamentals—Mrs. Gladys Dyer ..... Mon., 7-10 P.M., $10.00
Oil Painting—Mrs. Gladys Dyer ..... Tu., 7-10 P.M., $10.00

MADISON HIGH SCHOOL

Philosophy—Samuel Martin ..... Mon., 7-9 P.M., $ 5.00
Public Speaking—Samuel Martin ..... Th., 7-9 P.M., $ 5.00
Sewing—Callie Lillie Owen ..... Mon., 7-9 P.M., $ 5.00
Typing—Leon K. Thompson ..... Tu. & Th., 7-9 P.M., $12.00
Bridge—Harry Alsup ..... Tu., 7-9 P.M., $10.00
Teaching of Reading—William Maggart ..... Tu., 7-10 P.M., $10.00
Flower Arranging—Mrs. Rese Caldwell ..... Mon., 6:30-9:30 P.M., $10.00

OVERTON HIGH SCHOOL

Art—Marion Cook ..... Mon. & Th., 7-9 P.M., $10.00
Real Estate Study—Mrs. Marie Austin ..... Mon.-Wed., 7-9 P.M., $10.00
Bridge—Harry Alsup ..... Mon., 7-9 P.M., $10.00
Typing—Renee Webb ..... Mon. & Wed., 7-9 P.M., $12.00
Spanish—Donna Easter ..... Mon. & Tu., 7-9 P.M., $10.00
Knitting—Jewell Eubank ..... Tu., 6:30-9:30 P.M., $10.00

PEARL HIGH SCHOOL

Gen. Civil Service, Test Preparation—
Melvin C. Black ..... Mon. & Wed., 7-9 P.M., $10.00
GED Preparation—E. Posey-W. Buckley ... Mon. & Wed., 7-9 P.M., $10.00
Typing—Dorothy Rose ..... Tu. & Th., 7-9 P.M., $12.00

ROSEBANK ELEMENTARY SCHOOL

Modern Math—Neal Carter ..... Mon., 6-9 P.M., $10.00

TWO RIVERS HIGH SCHOOL

Art—Bob Hollingsworth ..... Mon. & Th., 7-9 P.M., $10.00
Dog Training & Obedience—L. P. Shaw ..... Tu., 7-9 P.M., $15.00
Shorthand—Mrs. Mary M. Fuller ..... Mon. & Wed., 7-9 P.M., $10.00
Sewing & Tailoring—Mrs. Annie Cunningham Tu. & Th., 7-9 P.M., $10.00
Typing—William Gibson ..... Tu. & Th., 7-9 P.M., $12.00
Woodworking—John L. Weaver III ..... Mon. & Tu., 7-9 P.M., $10.00
Public Speaking—Johnny Sewell ..... Mon., 7-10 P.M., $10.00

WEST END HIGH SCHOOL

Band (Beg. & Adv.)—John Duke ..... Mon., 7-10 P.M., $15.00

EAST NASHVILLE SENIOR HIGH SCHOOL

Typing—Melba Robinson ..... Mon. & Wed., 7-9 P.M., $12.00

CONVENTIONS • SPORTS EVENTS • TRADE SHOWS • EXPOSITIONS • SPECTACULARS • CONCERTS

METROPOLITAN NASHVILLE, TENNESSEE

Athens of the South/Music City U.S.A./Home of Grand Ole Opry & Nashville Symphony Orchestra

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Published by and for the Municipal Auditorium and Metropolitan Government

BEVERLY BRILEY ..... Metropolitan Mayor
RUBY LEE ADAMS ..... Editor
FLOYD RICE ..... Auditorium Manager

For information on available dates, rental charges, etc. contact Mr. Rice at Nashville Municipal Auditorium, 417 Fourth Avenue, North, Nashville, Tenn. 37219. Telephone 747-4217 Area Code 615

MR. FLOYD R. RICE was the first and only manager the Municipal Auditorium has had since it opened its doors, October 1962. And I might add a very dependable and capable manager. Mr. Rice was a veteran Nashville Theater manager. A native of Harriman, he became connected with the theater enterprises in Nashville when he moved here in 1936 with the Crescent Amusement Company. His wide association with the show business made him extremely important to the fulfillment of our Auditorium's program which has been a major asset to Nashville's financial and entertainment life.

With the facilities in this $5-million structure, with a seating capacity of 10,000, our Metropolitan city has had conventions that we were not able to accommodate before the opening of our Municipal Auditorium. Also trade shows, sports events, concerts, expositions, spectaculars. Its adjoining 500-car parking garage is truly an accommodation for Nashvillians and the public at large.

We wish to congratulate our Municipal Auditorium Commissioner, Mr. James H. Armistead, Vice President and Advertising Director of The Newspaper Printing Corp., for winning national first place for promotion of a recent advertising series for the American Petroleum Institution. The first place plaque was presented to Mr. Armistead in New Orleans in January 1968, at the convention of the International Newspaper Advertising Executives Association.

JAMES H. ARMISTEAD

Mr. Armistead said, 'it is very gratifying for us at the Nashville Tennessean and Banner to have been selected as the number one newspapers in America.' We, too, are very proud.

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Tenjy, The Musician

'THE NASHVILLE SOUND' . . .

Minnie Pearl introduced her Nashville sound to the world in 1940 from the stage of WSM's Grand Ole Opry. Since that time she has made Minnie Pearl a household word throughout America. And now she has added a 'CACKLE' to her 'proud' sound.

Tenjy, The Musician, will feature different personalities representing the Nashville Sound.

L/R, Mrs. Frances Williams Preston Inc., and First Woman member of th Commerce; Ed Shea, the very able Area Chamber of Commerce—one of founded in 1847; Mrs. Jeane Dixon; Vice President and Sales Manager o

These and others greeted Mrs. Dixo January 9, 1968. Mr. Shea presented come to the city; Mr. Hart presented roses; and Bob Puryear, executive a bracelet charm which carries the en key to the city.

Don't you think it would be a nice back each year for her famous an awaited throughout the world? The M ready to setup a date for Jeane Dix

Junior Achievement held its secon torium, Feb. 3 and 4. This is the world up to one-half million persons.

John E. Slo First American 1961. He holds 1958, John gra University at V for three years

He is the new ior Chamber of in 1967 as Clin shows him a true to the J father, presider dent of the Nashville Area Chamber Tommy, George and Paul, are well c

The Nashville Area Junior Cham 1921. The first Clinic Bowl was in have unlimited opportunity for lead community-wide basis. They work t grams which will help preserve our of America's progress. Through both demonstrate their sincere interest in t and they know that this great city of by top officials and the Chamber of C parts, and every citizen group from l and service clubs will play their part

Joe B. Hoover, Nashville Jaycees recipients of distinguished service aw of Bransford, Sharp and Wallace Co. Year.' Mr. Bransford, former presi Commerce, has been named general capital funds campaign of our YMCA Schwartz stores, named 'Jaycee Bo physician and member of the Tennes standing Woman of the Year.' John S Department, chosen 'Outstanding Yo

Photo by Don Foster

Vice President of Broadcast Music
Board of Governors of Chamber of
xecutive Vice President of Nashville
he oldest Chambers in the country—
nd Terry Hart, SME President and
the Nashville Gas Company.
on her arrival at Municipal Airport,
her a Red Carpet, symbolizing wel-
ner with a bouquet of red Tennessee
sistant to Mayor Briley, gave her a
blem of Metro Government and the

hing to bring this remarkable woman
nual predictions which are eagerly
shville Municipal Auditorium stands
n's 1969 Predictions.
l Trade Fair at the Municipal Audi-
's largest J.A. program for cities with

n, Jr., Assistant Vice President of
National Bank, joined the bank in
the A.I.B. Standard Certificate. In
luated Cum Laude from Vanderbilt
hich time he entered the U.S. Navy
as a commissioned officer.
president of the Nashville Area Jun-
Commerce. He served the organization
e Bowl Co-Chairman. His biography
ader in various things which runs
hn Sloan family of Nashville. His
t of Cain-Sloan Company, was presi-
of Commerce in 1943. His brothers,
nnected in this Metropolitan City.
ber of Commerce was organized in
1950. The Junior Chamber members
ership, fellowship, and service on a
gether to bring about positive pro-
ee enterprise system, the foundation
their membership and actions, they
e progress of Metropolitan Nashville;
the future isn't going to be built just
mmerce. The whole is the sum of the
cal community clubs to labor unions

President, has announced the 1967
rds. They are: John Bransford, V.P.
named 'Distinguished Citizen of the
nt of Nashville Area Chamber of
hairman of the multi-million-dollar
Frank Schwartz, president of Rich-
of the Year.' Dr. Dorothy Brown,
e General Assembly, selected 'Out-
race, assistant chief of Metro Police
ng Man of the Year.'

EVENTS AT NASHVILLE MUNICIPAL AUDITORIUM

19th District Basketball Tournament, starting Feb. 27 through March 1.

Region 5 Basketball Tournament March 4 through the 8th.

Dog Show, March 10. This is the 32nd A.K.C. licensed All Breed Dog Show. They are expecting over one thousand dogs at the show from many sections of the country and also Canada. Nashvillians will feature some beautiful dogs. Pictured from left to right are Dr. Frederick D. Rutherford of Detroit who judged Nashville Kennel Club 31st All Breed Dog Show, Sept. 24, 1967; Michele H. Leathers, handler for owner, Mandith Kennels, Marietta, Ga.; and John Paul Jones, President, Nashville Kennel Club. Dog is an Afghan Hound, named Dahnwood Gabriel and judged best at Nashville Kennel Club's Sept. 24, 1967 show, Municipal Auditorium.

Kate Smith, March 15. This universally beloved lady with the big heart and big voice, who has sung before kings and queens and presidents, stands alone, on a peak of bright stardom that has rarely been achieved in the annals of show business. She is something rare in this age of automation and conformity—an original. It is perhaps a tribute to her stature and her individuality that, in the many years since she first became a star, no one has ever been successfully compared to her. Kate is in ever-constant demand, and she adds continuously to her scores of millions of fans. She is truly a legend in American entertainment and she earned the right to wear the crown of America's first lady *of* song.

Peter, Paul and Mary will be at the Auditorium March 22. They have a certain something about them that attracts all ages.

Ice Hockey, Feb. 24 and 25; March 2 and 9.

BULLETIN: This means you! Don't you think that Metropolitan Nashville can support a Convention Bureau? We have a population of 457,000 people. There are many cities with far less people that have very active Convention Bureaus. Conventions and Entertainment bring real money into our community! We should organize our energies and set our goal for a live-wire Convention Bureau in 1968. It can be done! Nashville wears seven league boots and travels fast! With your help and support we can accomplish this task!

As We Start A New Year . . .

. . . and approach the half way point in our fiscal year, I want to take this opportunity to thank the citizens of this community for their continued interest in local government, and call for public understanding of the problems we face—as public servants—on a day to day basis.

It is rewarding for me to be able to say the community has continued to show economic growth in 1967. I also call for a 'pulling together' of the total community, with full citizen participation in affairs of government. By working together and realistically facing local issues, we can have a great New Year.

Thanks to you members of the news media who have done an excellent job of presenting many of our programs. Your cooperation makes it possible for us to reach the public with issues which affect all of us. I'm grateful to you and look forward to all our efforts during the New Year.

Mayor *Beverly Briley*

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

Departments, Agencies or Boards of January 1, 1968

I. DEPARTMENTS:

Department of Aviation
Homer B. Anderson, Director

Department of Finance
Joe E. Torrence, Director
Division of Accounts; Malcolm T. Cook, Chief Accountant
Division of Collections; Wm. F. Burton, Collections Officer
Data Processing Division; Ronald P. Dickie, Data Processing Officer
Division of Budgets; Roy F. Bush, Budget Officer
Public Property Division; Jas. H. Whitsett, Director
Purchasing Division; E. D. White, Purchasing Agent
Treasury Division; Hugh B. Mott, Treasurer
Internal Audit Section; J. Frank Stone, Supervisor
Payroll Section; Chas. Buchanan, Supervisor

Fire Department
William C. McIntyre, Chief
Dan Hicks, Deputy Chief of Administration
Frank Quinn, Deputy Chief of Fire Fighting

General Services Department
Jos. L. Sullivan, Director

Department of Law
Neill S. Brown, Director

Police Department
Hubert O. Kemp, Chief
Donald Barton, Assistant Chief
Wm. L. St. John, Jr., Assistant Chief
John Sorace, Assistant Chief

Public Works Department
K. B. Stallings, Director
Street Cleaning Division; David Littleton
Street Division; Irvin McKay
Engineering Division; Lytle Brown
Codes Administration; Robert Walker
Division of Roads; W. W. Turner
Division of Refuse Collection; Don McCrary
Division of Staff Services; Vernice Spain

Department of Water & Sewerage Services
R. L. Lawrence, Jr., Director
Water Services Division; W. F. Brock, Jr.
Sewerage Services Division; K. P. Harrington

II. BOARDS:

Board of Education
C. R. Dorrier, Chairman
John R. Harris, Director of Schools

Public Library Board
Chas. C. Trabue, Jr., Chairman
David Marshall Stewart, Chief Librarian

Board of Parks and Recreation
Dr. George W. Reichardt, Chairman
Bert Elmore, Director

Board of Health
Wm. R. Willis, Jr., Chairman
Dr. Jos. N. Bistowish, Director

Board of Hospitals
Leslie F. Vantrease, Sr., Chairman
Billy Talbert, Director

Employee Benefit Board
Joe E. Torrence, Chairman
Jesse Shaw, Administrator

Electric Power Board
J. C. Bradford, Sr., Chairman
Thos. W. Bray, Jr., General Manager

Board of Fair Commissioners
John U. Wilson, Chairman
Cliff Andrews, Secretary-Manager

County Board of Zoning Appeals
Fleming Smith, Acting Chairman

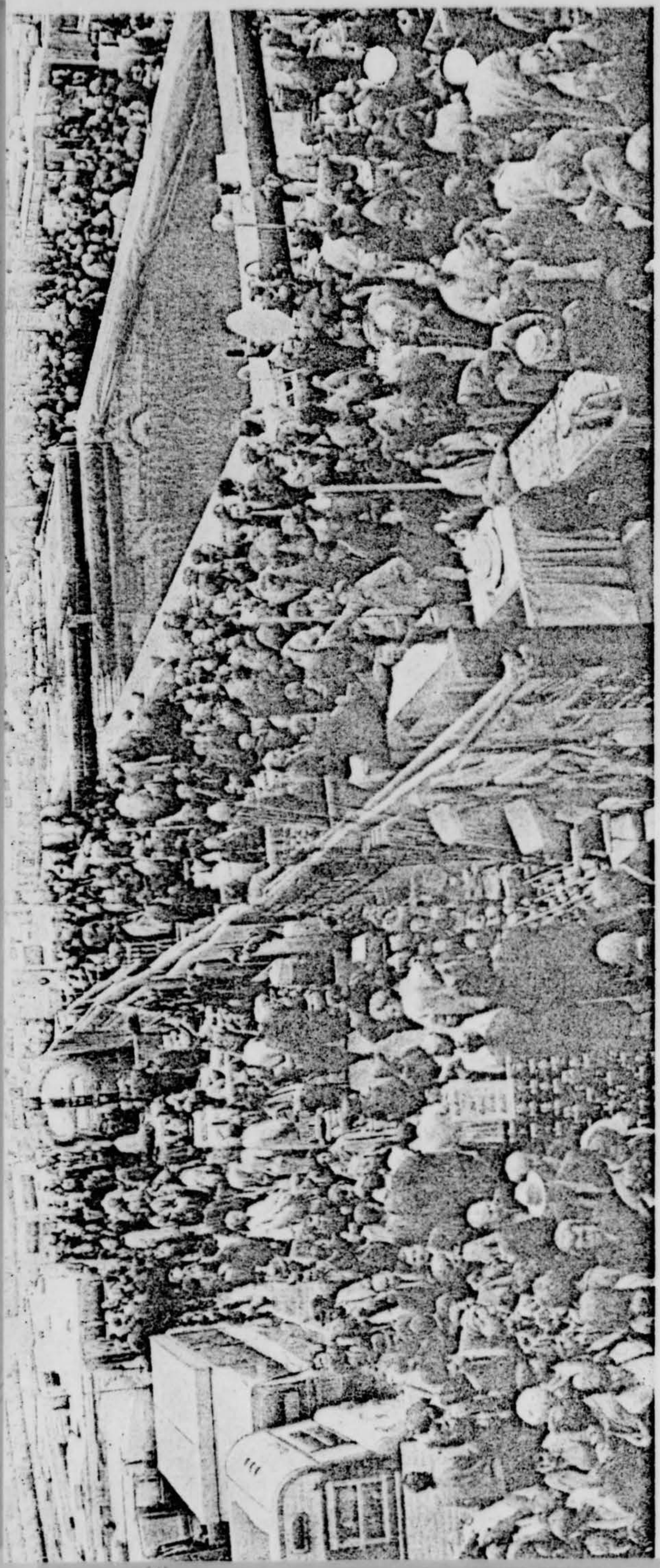
City Board of Zoning Appeals
J. Fred Hathcock, Jr., Chairman

Board of Building Code Appeals
Fleming Smith, Acting Chairman

Board of Motion Picture Machine Operators
Russell A. Stansell, Chairman

Board of Housing Code Appeals
Merrill K. Hovey, Chairman

Board of Electrical Examiners
Russell A. Stansell, Chairman



This is a typical crowd at the 'Great Lakes of the South Outdoor Show' in Nashville Municipal Auditorium

MORE THAN 80,000 people from all over the Central South are expected to converge on Nashville Municipal Auditorium beginning Tuesday, February 13 for the 12th annual Great Lakes of the South Outdoor Show. It will conclude with a matinee stage show at 3 p.m. on Sunday, February 18. Gates open each day at 5 p.m. Tuesday through Friday; at 1 p.m. on Saturday and Sunday.

'There is no question in our minds that this will be the biggest and most varied display of boats, motors, campers and other equipment for the outdoorsman ever seen in Nashville,' declared Bob Steber, show director.

In addition to the many merchandise exhibits visitors to this year's show will also see an all-new, top calibre stage show each night at 8 p.m. and at 3 p.m. on Saturday and Sunday. The acts include:

The Pompoff-Thedy Comedy act, making its outdoor show debut; The Ascot Sisters; Willy Necker's amazing leaping Dalmations—the finest dog act on stage today; Colonel Seabright and his amazing sway pole act; Dave Overton, popular WSM radio personality, will make his first appearance as master of ceremonies; and finally Jack Gregory and his show band will put music to Music City's top stage show.

Tickets are still the biggest bargain in America—only 50 cents for adults and 25 cents for children. The proceeds go to Sertoma charities. Advance tickets may be bought from members of the Nashville Sertoma Club and at a number of business establishments throughout Metropolitan Nashville. This great show is brought to you as a community service by The Nashville Sertoma Club and The Nashville Tennessean.

Copyright 1967

Stenjy, The Tightwad

Will bring you 'NEWS ROUNDUP' in future issues of the Nashville Municipal Auditorium publication. He'll be as generous as space permits.

in Mayor Beverly Briley Home, which was about 4:45 PM Central Standard time. At this time, I was served about 1 1/2 oz. bourbon whiskey, ice and water. I sipped this drink from an "Old Fashioned type glass" until about 5:30 when my glass was "sweetened" with the second serving of bourbon whiskey. This second drink did not look as strong as the first. At the dinner table, about 6:00 PM, I started sipping one wine glass full of rather dry wine. We began our dinner. During dinner, I sipped down the second helping of the same wine. I enjoyed a HUGE DINNER. We remained seated around the dinner table engaged in conversation. Around 7:00 o'clock, I was served an after dinner drink -- (Irish or Scotch Mist, I think the Mayor called it. ---- Since Mar. 3rd, I have not bothered the Mayor with questions concerning amounts or brands of liquor served to me.) A little while later, from the same tiny glass, I drank another after dinner drink of another brand. It was sweet tasting, not potent, and definitely was not absinthe. I FELT MENTALLY AND PHYSICALLY ALERT BY 8:45 PM !!!

As to my mentality, I would say that I run at least, a good average, being that I graduated in the top 1/4 level of my high school class. I attended 2 years of college before marrying [redacted]

I am 47 years old and my vision is nearly 20-20 at a distance. (I need glasses for close viewing only.) My [redacted] Bldg.
Nashville, Tenn.

I have been taking art lessons since Summer 1967. (Art lessons teach persons to be keener observers.)

In the 1940s, I became Girl Scout leader and served in that capacity for 8 or 9 years. I was also Girl Scout Neighborhood Chm. for Dalewood School, Nashville, for a number of years, I was a Nashville District Chm., Girl Scouts (volunteer work) and also served on the Nashville Girl Scout Council.

Around 1960, I became Den Mother to a Cub Scout Den and served in that capacity for 3 years.

I have served on P. T. A. boards for years in both elementary school and High School. I have been "Room Mother" 3 years.

I have done church work.

I am active in the Bluegrass Ladies' Golf Assoc. and the Nashville Womens' Golf Assoc. and have served on committees for both organizations. I am a past Chairman of Bluegrass Ladies' Golf Assoc., and a past tournament chairman for same organization.

I am a charter member and an active member of the Nashville Memorial Hospital Ladies' Auxiliary, having completed over 500 hours of service. Hospital location: 612 W. Due West Ave., Madison, Tenn. As an auxiliary member, I work the cash register for coffee shop and gift shop.

CHARACTER REFERENCES: [redacted] family doctor)
Madison, Tenn.

R[redacted] Church, Nashville.)
%F[redacted] Methodist Church

Mrs. C[redacted] Paid employee of Nashville Memorial Hospital-- works in Auxiliary office)

M[redacted]ght (Chm. of Nashville Memorial Hospital
[redacted]est Ave. Auxiliary.)
Madison, Tenn.

Mr. [redacted] Ave. Nashville and large area.)
Nashville, Tenn.

Mr. [redacted]
Nashville, Tenn.

Mr. [redacted]
Nashville, Tenn.

Mr [redacted]
Nashville, [redacted]

A

T A B "A"

UFO REPORTS FROM

1. INDIANA
2. KENTUCKY
3. MARYLAND
4. OHIO
5. PENNSYLVANIA
6. TENNESSEE
7. VIRGINIA
8. WEST VIRGINIA

Not for publication

My husband i[redacted]s and Recreation. Also, he was electe[redacted]ard Members Branch of the National Recreation and Parks Assoc. "George" has advised me to send my report to U. S. Gov't. officials.

You may make copies of my report and letter in the event that you want to send them to other Gov't offices. However, I do not want the enclosed material to be released for public reading. I hope that my report will serve some use.

Thank you.

Yours truly,

Mrs. [redacted]

P. S. I am enclosing one of our Metropolitan papers in which I have marked with red, some facts and two characters that are included in my report.

Not for publication

Sunday, March 3, 1968, [redacted] family, ([redacted] Mayor of Metropolitan Nashville and Davidson County) some of the Briley relatives, George and I, had enjoyed dinner at the Briley home in Nashville. About 8:43 PM Central Standard Time, [redacted] and I, left the house and walked to the parking lot where the three of us stood talking. I saw a light traveling in the sky a little above the southwest horizon. This light seemed only a bit larger and brighter than a star and it seemed about the same color as a star. As I yelled to [redacted] to look, the light became brighter and larger. While I was observing this "traveling light" from a great distance away, it did not look to me that it was traveling in a flat trajectory. Rather, it seemed to travel in a slight arc and, at this point of flight, I began to note the "orangish-colored" trail of light behind the "star-colored" light. [redacted] asked, "You know what We're seeing, don't yo[redacted] talking was an annoying distraction to me while I was trying to listen for some sound, so I bossed loudly, "Hush with your mouth!" The three of us stood silent, almost motionless, and very much in awe as we realized that the "thing" was headed our way and was coming surprisingly near us! There were some leafless trees in the yard that partially obstructed our view for a moment. Then--- IMPACT!!! --- The "impact" I am refering to is the impact on my emotions, for with breath-taking suddenness, the "thing" was nearly overhead and seemed to be quite large and close! To be more explicit, the "thing" looked like it was headed directly over the far corner of the [redacted] house! It was shaped like a fat cigar, in my estimation. I was impressed that it seemed of considerable size-- the size of one of our largest airplane fuselages, or larger. [redacted] thought it was smaller than my estimation) -- It appeared to have rather square shaped windows along the side that was facing us. I remember the urge to count windows, but other details flashed

in view and my curiosity made me "jump to other observations." For an instant, I thought I caught a glimpse of a "metalic look" about the fuselage, and this really made me feel that the "thing" was close! (Later, [redacted] said that he saw this "metalic look" too.) It seemed as though a faint light reflected on the fuselage.(Perhaps the faint light came from the lights of the city or from the lights of the "thing.") It appeared to me that the fuselage was constructed of many pieces of flat sheets of metal-like material with a "riveted together look." It appeared to me that the fuselage was not of smooth contour. The many "windows" seemed to be lit up from the inside of the fuselage with light that was quite bright. This light seemed to be about the same color as light coming from the windows of our homes. I did not observe anything other than the light in the windows. (It occurred to me that I might see objects or persons, but there was too little time for a <u>good</u> look.) My rough estimate is that 2/3 or 3/4 of the fuselage near the front end, had windows that were lit up. About 1/3 or 1/4 of the fuselage toward the rear end was dark or without lights. I did not observe any blinking lights on the "thing" like we have on our planes. From out of the back end of the fuselage came a wide (roughly about the width of the fuselage) --- long, "redish-orangish-yellowish" stream of dusty fire. It seemed as though particals of dust were on fire. These tiny sparkles seemed to make up the tail and the light from it seemed of quite low light intensity when compared to the light emitting from the "windows."

I listened intently for some sound from the "thing", but I didn't hear even a whisper of sound!!! This was the most eerie part of my whole experience!! Certainly, there should be some sound from an aircraft that looked to be so near!!! It flashed in my mind that perhaps the sound was yet to follow.

Then--- HULLABALOO!! --- We all started talking at the same time! In the course of our expressionism, the conversation went something like this: Someone: "It didn't make any sound!" [redacted] "That wasn't a meteor, because a meteor doesn't have windows, but I'll be damned if I'll report it!" [redacted]: "I'm not going to report it either!" [redacted] "I'm not going to report it!" (Laughter.) Someone: "Tremendous speed!" [redacted]: "What time is it?" [redacted] looking at his watch: "Quarter to nine." [redacted] "How high would you guess it was?" [redacted]: "Not more than 2,000 to 5,000 feet, or maybe lower. That thing was really low!" [redacted] "What direction?" [redacted]: "Southwest to northeast." [redacted] "Whatever it was, it will be in the papers tomorrow." ---------- As we excitedly compared notes, we agreed with each other on most of our observations. This "agreement" seemed to comfort me, for I certainly didn't want to think that I had just experienced my first hallucination while I was wide awake! ---- All three of us agreed that we had seen something other than any plane we had seen or had read about from our Earth. We thought that we had seen a "craft of top secret category from our Earth," or that we had seen a "craft from Outer Space."

It was chilly outside and Mayor wasn't wearing a coat. Besides, our short discussion of the event seemed to suffice. It didn't seem strange that, so soon after, all three of us went back to our routine of daily living, for, after all, can anything really surprise us these days in this scientific era?!

Most sincerely written,

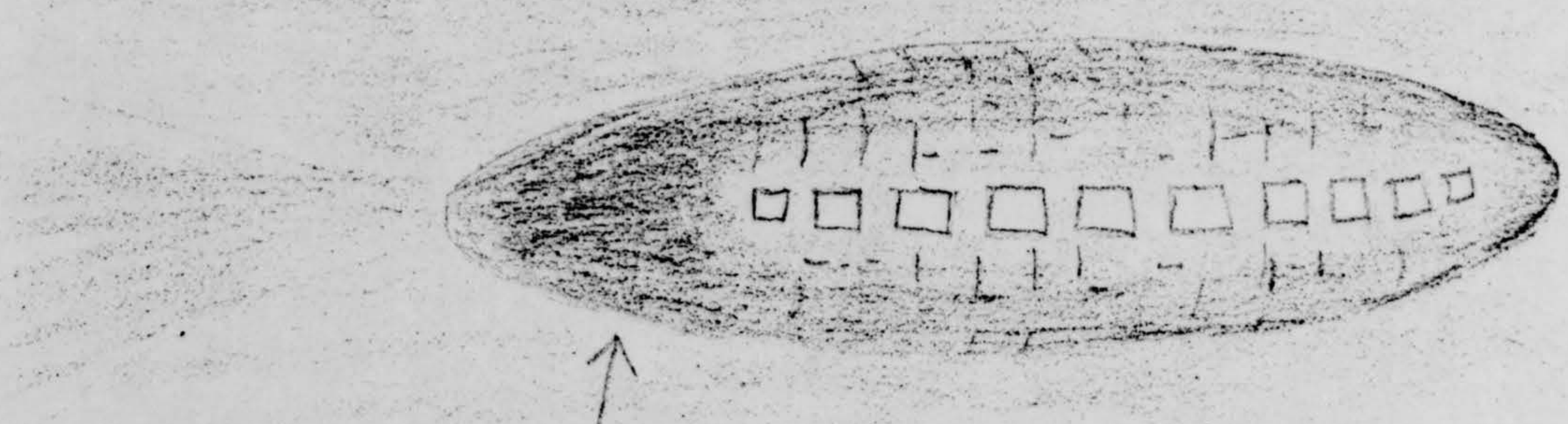
[redacted]

I was impressed with what looked to me like low altitude of the craft at this point of my sighting --- I thought, around 1,000 feet or less. Also, when the craft was flying near us, it did seem to travel in a flat trajectory. I toyed with the idea that it even slowed down somewhat --- for how else could we observe so much detail in a mere flash across the sky? [redacted] doesn't think it slowed down.)

The craft was headed away from us now. I concentrated on the "trail of fiery particals" that seemed to come from out of the end of the fuselage. I was expecting to see a bright ball of fire close to the fuselage end, but I saw no bright ball of fire. However, I noticed that the trail's light intensity did increase somewhat (Mayor noticed this increase in tail brightness too) but, this was understandable since we were looking at a denser view of "fiery particals," in other words, length of trail view instead of the previous width of trail view. Because the flight pattern of the craft was at a slight angle from where we were standing, it was possible, for a brief moment, to see near the "fiery trail's end" and one or a few lit up "windows", simultaneously. Upon this observation, I concluded that there must be an outward buldge in the fuselage, especially after taking into account that there were no windows toward the rear end. Also, this simultaneous view of nearly full "trail light" and "one or a few --window light" gave me the opportunity to compare light intensities again. The light from the window or windows, seemed brighter than the trail light.

All too soon, the "thing" was flying away, low and over the treetops towards the northeast. I could see only the "orangish-colored" light of the trail now. Certainly, SOUND would come from this craft!!! The three of us remained quiet while looking and listening. I was still expecting to hear noise, but, instead, there remained that unbelievable silence!!! The three of us remained quiet for awhile, even after the craft was well out of sight. We all were baffled by that SILENCE!!!

However inaccurate I may be, I have taken it upon myself to try to sketch the UFO as I saw it. The part of my sketch that I am the most unsure about is the windows. My "mind's eye" was far too slow to count windows, but I feel safe to estimate that I saw 10 or more. I would not state that these "windows" were exactly square or exactly rectangular, but I think that I saw "squared corners." A possible bulge in the craft's fuselage, the fast speed of the craft and my trying to observe fuselage shape and color, color of light and make up of trail, leaves me in quite a bit of wonderment about the windows. Also, I was more interested in looking <u>into</u> these windows than I was in studying window shapes. However, I feel strongly that the windows had definite symmetrical shapes, were clearly outlined as the craft passes by and were lined up in a row horizontically. I feel safe to stress that the windows did not look blurred or fuzzy, but had clear, definite shapes. I observed, also, that the windows looked quite large -- I would say larger than the windows we have in our planes.



Fuselage area was dark here so I didn't notice that "metalic look" here like I did around window area.

March 7, 1968

[redacted]

Oliver Springs, Tenn
37840

Project Blue Book
Wright-Patterson Air Base, Dayton, O.

Dear Sir;

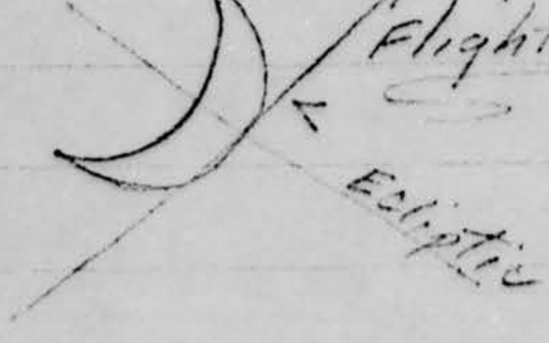
very good report.

I am sending you my observations of a UFO that was sighted in many parts of the USA on Sunday Night March 3, 1968.

I hope this information will be helpful in identifying the object or objects.

My observations are as follows:

1) Time of observation - 9:46 PM March 3, 1968
2) Place of observation - Oliver Springs, Tenn.
3) Duration of observation - Aprox. 45 seconds
4) No. of Degrees Arc observed over - Aprox. 130°
5) Location of UFO - The UFO was first seen as it passed Tangent to the lower edge of the moon. The flight path appeared to be nearly at right angle to the Ecliptic as illustrated.



As the UFO moved east it passed in front of the Constellation CASSIOPEA, and disappeared in the vecinity between the head + Tail of the Constellation DRACO.

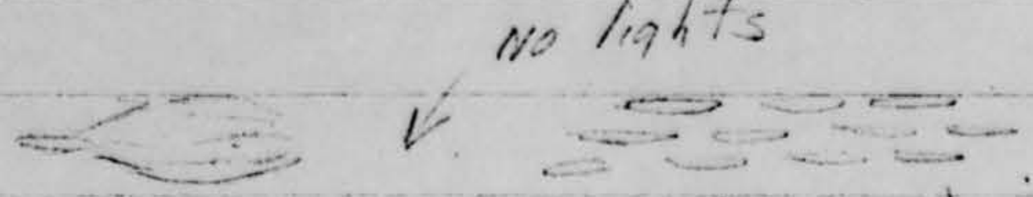
6) Apparent Size - 1/4 to 1/2 the lengt of the diameter of moon at the time it was observed passing tangent to moon. As the UFO went to a point directly north of me it would have required the width of the adult hand held at arms leigth to obscure it from view. The width of the UFO could have been obscured from view by the width of one finger held at arms length.

7) General Deseription — As the UFO passed Tangent to the moon it looked like a Jet Aircraft Climbing out with the after burner on. My first impression was that the object was a jet Aircraft, because there appeared to be a smoke trail that was illuminated by the moon.

As the object mooved east it appeared to get larger, and the object also appeared to slow down to the point that my Wife, Son, and I thought it was going to stop. As the object got Closer the fire cone at the rear of a Cluster of brighter lights appeared to almost go out. From a point due North The object appeared to drift slowly for another 30 degrees; at which time the fire cone suddenly became much brighter, and the UFO disappeard behind a hill. When the fire Cone become much brighter at the time of disappearance the intensity of the fire Cone was about equal to

the intensity of Jupiter at this time of Year.

As the object moved across the sky it appeared as illustrated.



Fire Cone
Orange red
In Color

several individual lights with a white color like Hg Vapor light. These lights resembled windows in an aircraft at night.

When the UFO was first seen the fire cone looked like the flame from the after burner of a Jet aircraft. The white light in front of the fire cone were slightly brighter than the North Star in magnitude. Between the fire Cone + the white cluster of lights there was an area of no lights.

8) Number of persons making these observations.
My Wife, Three Children + Myself.

9) Background of This observer
(a) Proffesion - Electronics Engineering Aid.
(b) Place of employment - Oak Ridge National Laboratory, Oak Ridge, Tenn.
(c) Worked 2½ years in Airborne Instrumentation at Cape Kennedy, and have observed may missile launchings. I have also observed many aircraft in flight at Night.

10) General comments - I have viewed the skies for Twenty years for a so-called UFO and this is the first thing I have ever seen that I could not identify or explain to my satisfaction.

During my observations I did not note if any of the stars were obscured from view as any part of the object passed in front of them.

From my observation I could not detect that the object constituted any one solid mass. No form other than the individual lighst were visible. This UFO did not behave as any meteor I have ever observed.

I would appreciate being informed of the outcome of the investigation of this UFO.

Yours Truly,

[redacted]

[redacted] adiana 47581
[redacted] March 4, 1968

Major Hector Quintanilla
Project Blue Book
Wright-Patterson Air Force Base
Dayton, Ohio

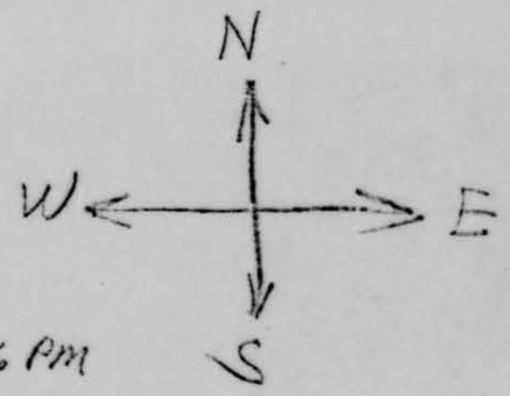
Dear Major Quintanilla:

Last night, March 3, 1968, I stayed over night with my cousin. When I reached his house, he wasn't home but visiting his neighbors about ¼ mile down the road. Well, I went in and made myself at home. Then about 9:45 P.M. I looked out the window and saw some kind of fire-colored object fly across the valley. About two or three minutes later my cousin, my aunt, and my uncle came running into the house yelling and trying to tell me about the UFO they saw. My cousin, aunt, uncle, and their neighbors, [redacted] all observed it from horizon to horizon, which took but a very very short time. It was at about tree-top level and was seen very very clearly, and was just a few yards away. All of the observers saw a long jet airplane looking vehicle without any wings. It was on fire both in front and behind. All observers also saw many windows in the UFO. My cousin said,"If there had been anybody in the UFO near the windows I would have seen them." [redacted] who was standing on a tractor to get a better view of of it when it got far away saw it turn south. The UFO was estimated to be 175-200 feet in length. We called Bedford(Indiana) to the police station and it had already been reported on the outskirts of Bedford. We got in the car and drove to Bedford to the police station and some one else reported the had seen it turn south at Bedford and head for Salem (Indiana). Then the next morning we heard it was supposed to have been a meteor. But the other five observers and myself know the UFO was not a meteor because meteors don't have windows and don't turn corners like IT did. And it didn't make any noise what so ever. I believe what we saw was a FLYING SAUCER.

Yours truly,

[redacted]

edb



Time of Sighting 9:46 PM
March 3, 1968

Place of observation:
Oliver Springs, Tenn.

Big Dipper

North Star

Moon

Constellation CASSIOPEIA

no light from This area

Direction of Travel

Passed Tangent To Moon's lower edge

Fire Coue orange red in Color and about the intensity of 1st or 2nd Magnitude star

DRACO

Several light with a wh[illegible] Color like Hg Vapor lights Brightness of 1st or 2nd magnitude star. Looked like windows in an Aircraft at night

[redacted]

VIRGINIA

Separate Item

UNCLASSIFIED

3 Mar 68
Lynchburg, Va

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
INCOMING MESSAGE

AFIN: 71153 (5Mar68) H/meh Pg 1 of 5

ACTION: RDC-4 INFO: XOP-2, XOX-2, SAFOS-3, DIA/JCS-1 (13) ADV CY DIA/JCS

SMB E075PTTUZYUW RUEDARD1960 0642125-UUUU--RUEFHQA.

ZNR UU4TU

P 041715Z MAR 68

FM 649TH RADAR SQ BEDFORD AFS VA

TO RUEDMAA/1AF STEWART AFB NY

RUWMFVA/ADC ENT AFB COLO

RUEDARA/33ADIV FT LEE AFS VA

RUEDFIF/FOREIGN TECHNOLOGY DIV WRIGHT PATTERSON AFB OHIO

RUEFHQA/CSAF WASH DC

RUEFHQA/OSAF WASH DC

BT

UNCLAS 649OAC

SUBJECT: UFO REPORT. CSAF FOR AFRDC, OSAF FOR SAF-01, 1AF FOR 1AF-OIN, 33ADIV FOR 330IN. THE FOLLOWING INFORMATION CONCERNING A UFO SIGHTING IS SUBMITTED IAW PARA 11, AFR 80-17 IN THE FORMAT PERSCRIBED:

A. DESCRIPTION OF THE OBJECTS:

(1) NO DEFINITE SHAPE BECAUSE OF THE LIGHT CHARACTERISTICS.

(2) LESS THAN 1/2 DEGREE AS COMPARED TO THE MOON.

(3) BRIGHT ORANGE.

AFHQ FORM JAN 68 0-309C

UNCLASSIFIED

409

(4) THREE.

(5) ONE LEAD, TWO TRAIL.

PAGE 2 RUEDARD1960 UNCLAS 649CAC

(6) NONE.

(7) 10 FT. TRAIL (BRIGHT ORANGE)

(8) NONE (OBSERVER IN CONTRIL TOWER).

(9) NONE.

M DESCRIIAUON OF COURSE OF OBJECTS:

(1) PILOT REPORT FROM A PIEDMONT AIRLINE 727AIRCRAFT ON FINAL APPROACH TO LYNCHBURGE, VA. AIRPORT.

(2) 7 DEGREES ELEVATION, BEARINEI355 TO 360 DEGREES FROM LYNCHBURG CONTRCL TOWER.

(3) NO SIGNIFICANT CHANGE.

(4) HEADING NNE IN A STRAIGHT LINE AS REPORT FROM THE LYNCHBURG CONTROL TOWER.

(5) INSTANTANEOUSLY.

(6) APPROXIMATELY 10 SECONDS.

C. MANNER OF OBSERVATION.

(1) AIR-VISUAL (727 PILOT), GROUND VISUAL (CONTROL TOWER OPERATOR).

(2) BINOCULARS USED (7X50).

(3) BOEING 727, FLIGHT 25, ALT 1,000 FT, HEADING 210 DEGREES, SPEED 130 KTS, HOME STATION WINSTON SALEM , N.C.

D. TIME AND DATE OF SIGHTING:

(1) 4 MAR 68/0248Z, 3 MAR 68/2148 EST.

(2) NIGHT.

E. LOCATION OF OBSERVER: 37 DEGREES 20 MIN N LAT., 79 DEGREES 12 MIN WEST LONG. (LYNCHBURG CONTROL TOWER).

F. INDENTIFYING INFORMATION ON OBSERVERS:

(1). CIVILIAN [redacted] 39 [redacted] NUE, LYNCHBURG, VA.; OCCUPATION FAA CONTRILLER; HIGH SCHOOL EDUCATUON, VERYTKERELIABLE. [redacted] JR.; AGE 45; [redacted] LYNCHBURG VA.; OCCUPATION FAA CONTRILLER; COLLEGE BA DEGREE; VERY RELIABLE.

PAGE 3 RUEDARD1960 UNCLAS 6450AC

G. WEATHER AND WINDS-ALOFT CONDITIONS AT TIME AND PLACE OF SIGHTINGS:

(1) WINDS ALOFT AT 10,000 FT LEVEL WAS 330/46; VISIBILITY 15 PLUS; NO CLOUD COVER; SURFACE TEM. 23 DEGREES; FORECAST TEMP. AT 10,000 FT WAS MINUS 17 DEGREES.

(2) WINDS ALOFT REPORT FROM 33 AIR DIV WEATHER OFFICER: 6000'-310/35 TS/MINUS 7 DEGREES; 10,000'-340/55KTS/MINUS 13 DEGREES; 16,0--290/80 TS/MINUS 44 DEGREES; 50,000'-280/65KTS/MINUS 59 DEGREES;

80,000'- CLIMITALOGICAL WIND 270/15 KTS.

(3) CEILING- NONE.

(4) VISIBILITY 15 MILES.

(5) NO CLOUD COVER.

(6) NO THUNDERSTORMS.

(7) REFER TO PARA G (2) ABOVE FOR TEMPERATURE GRADIENT.

H. NONE.

I. NO ACTION TAKEN.

J. NONE.

K. COMMENTS OF INVESTIGATING OFFICER: 1ST LT RICHARD C. RENAIRI, OEM OFFICER, 649TH RADAR SQ., BEDFORD AFS, VA.; TELEPHONE AREA CODE-703, HOME TELEPHONE-586-1351, OFFICE TELEPHONE- SAGE AUTOVON 7-283-4246. THE PHENOMENON WAS OBSERVED BY THE BOEING 727 PILOT FOR APPRIXIMATELY 90 SECONDS BEFORE HE CALLED IT TO THE ATTENTION OF THE FAA CONTRILLER AT THE LYNCHBURG CONTROL TOWER. COMMENTS IN THIS REPORT ARE BASED ON THE OBSERVATIONS OF THE FAA CONTRILLER LYNCHBURG CONTROL TOWER AND NOT ON THE 727 PILOT OBSERVATION. THE FAA CONTROLLER AT LYNCHBURG TOWER ALSO REPORTED THAT THE FLIGHT SERVICE RADIO STATION AT CHARLOTTESVILLE, VA., RECIEVED SERVAL CALLS FROM CIVILIANS IN THE CHARLOTTESVILLE AREA WHO WERE OBSERVING THE PHENOMENON AT APPRIXIMATELY

THE SAME TIME. THE CONTROL TOWER AT ROANOKE, VA., RECEIVED CALLS FROM CIVILIAN SIGHTINGS AND THE FLIGHT SERVISE RADIO STATION AT MORGANTOWN, WEST VA., RECIEVED CCALLS FROM PILOTS IN CONTACT WITH THE STATION

PAGE 4 RUEDARD1960 UNCLAS 6490AC

CONCERNING THE SIGHTINGS. THE NATURE OF THE SIGHTING, ITS STRAIGHT PATH AND THE NUMBER OF SIGHTINGS REPORTED, STRONGLY INDICATE THE PHENOMENON COULD HAVE BEEN A SATELLITE BURNING UP AT IT RE-ENTERED THE ATMOSPHERE.

CORRECTION: CHANGE CONTRILLER TO READ CONTROLLER , WHERE EVER APPEARING

BT

NNNN

SAFOIC/Mak Aikman/ncl/79079/18Mar68

Dear Mr. [redacted]

This will reply to your letter of March 4, 1968, in which you described an unidentified flying object (UFO) that you observed.

Without additional information, we cannot offer an explanation of the object you saw. However, if you will complete the attached questionnaire and mail it in the inclosed envelope, our technical people at Wright-Patterson Air Force Base will be able to investigate further and make an evaluation.

Should you ever sight another UFO, please report it as soon as possible to the nearest Air Force base. Each base has a UFO investigator, who is in a better position to make an on-the-spot investigation which usually results in a more accurate analysis.

In the meantime, we are sending you some literature that may help you identify the sighting. Thank you for reporting it to the Air Force.

Sincerely,

DAVID L. STILES
Lt Colonel, USAF
Chief, Civil Branch
Community Relations Division
Office of Information

Attachment

Mr [redacted], Virginia 4308

cc: Wright-Patterson AFB

SAFOIC2

[redacted]

March 4, 1968.

U. F. O. Department
U. S. Air Force
Washington, D. C.

Gentlemen:

On the night of Saturday, March 3, I saw what was to me one of two U.F.O.(s).

At about 8:00 p.m. it was overcast, temp. approx. 31°, wind was light, with one quarter (1/4) light, and about 35° above the horizon in a Northern direction.

At approximately approx. 9:30 to 9:40 p.m. while heading West on Interstate 81 South, I saw what looked like a shooting star to the North. It left no vapor trail but burned for a second or more while traveling a pathway direction of north with an altitude of more of until lost.

At approx. 9:45 or 9:50 p.m. I left I-81 at Mount Crawford Overpass and proceed down toward the community of

1/2

[redacted], [redacted] local people call Copenhagen Hill, we sighted one of the U.F.O.'s

There were four bright lights that were, arranged, in the same ~~rotation~~ plane (straight line). At meeting of me my friends sighted any connecting lines - if there were connecting lines, it would have form the fuselage of a B-52 only about 30 & 40 times. (apart)

It stayed in the sky and cut off my lights. Shortly after it cut off the car lights. The lights in the sky turned from a white to a Bright red.

When first sighted the lights were about 1 mile and 1/2 straight in. over the edge of the north of the town at appx. 1 mile or less altitude.

The lights keep their straight line position but moved in the same direction a same both west and south.

The lights did not drop below the horizon. but completely disappeared. They were in the sky for approx. 1 hour. Sunday [redacted]

1246

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL NUMBER 21-R258

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. *(IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)*

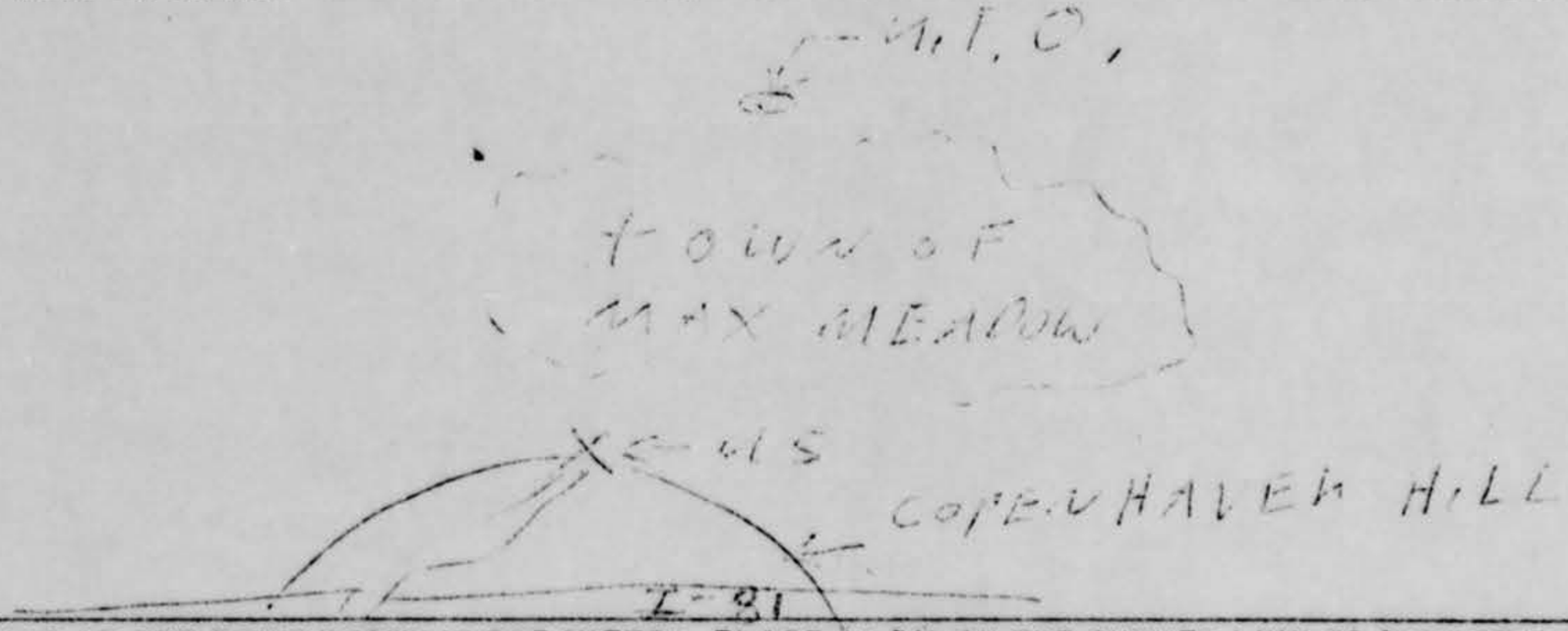
1. WHEN DID YOU SEE THE PHENOMENON?
DAY 3 MONTH 3 YEAR 1966

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON?
HOUR 9 MINUTES 30 ☐ A.M. ☑ P.M.

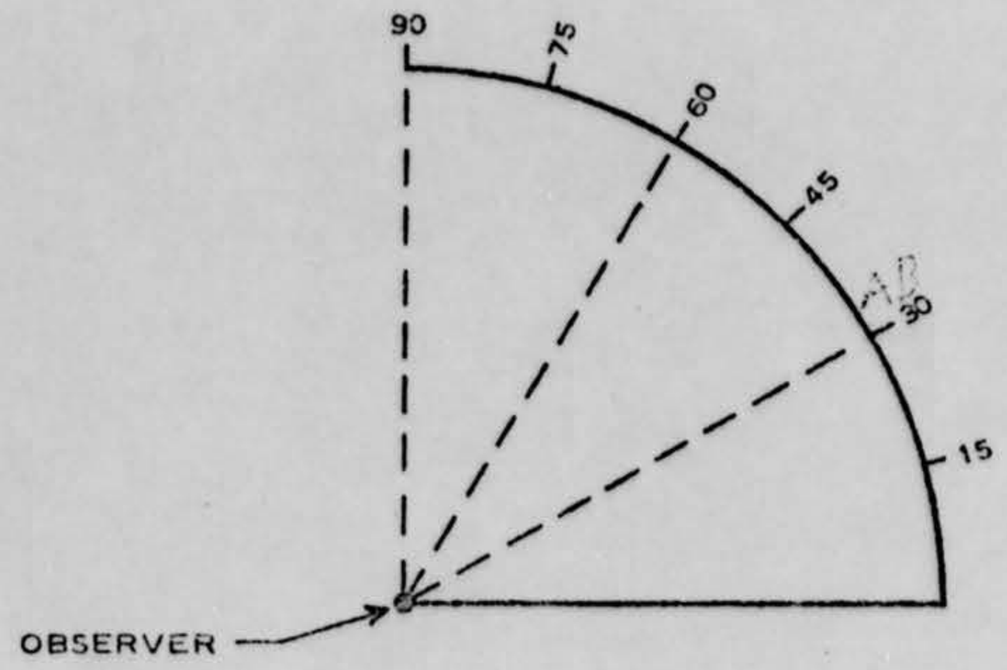
3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON?
HOUR 9 MINUTES 31 ☐ A.M. ☑ P.M.

4. TIME/ZONE ☐ DAYLIGHT SAVINGS ☑ STANDARD
☑ EASTERN ☐ CENTRAL ☐ MOUNTAIN ☐ PACIFIC ☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

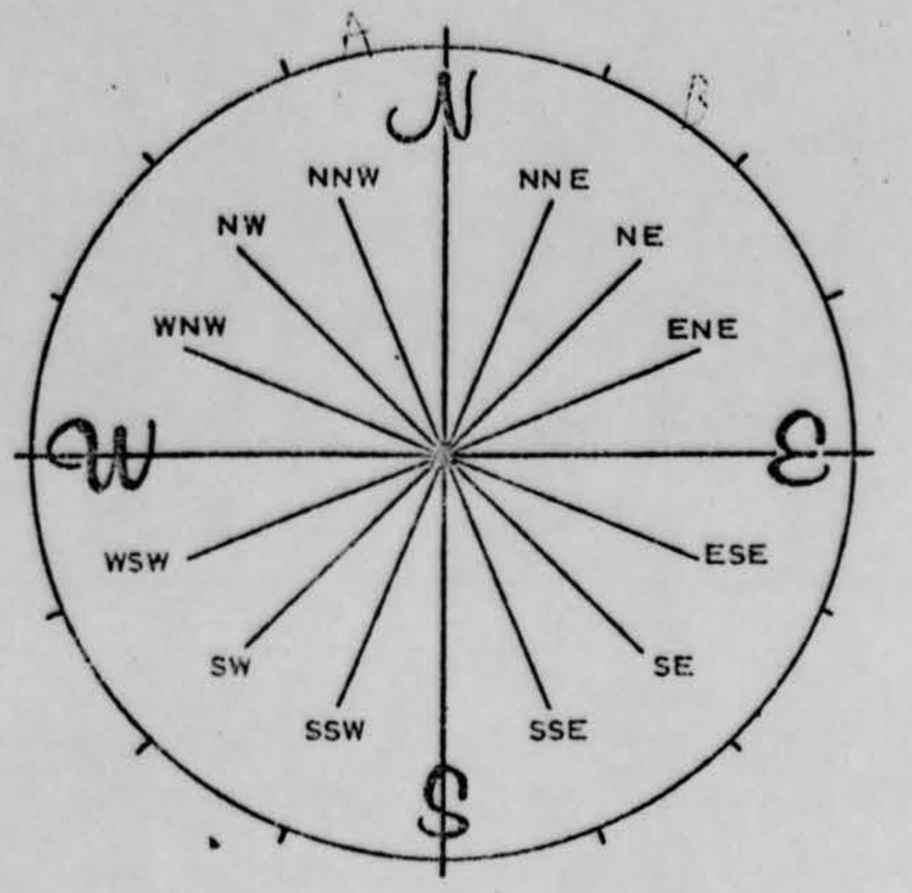


6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.

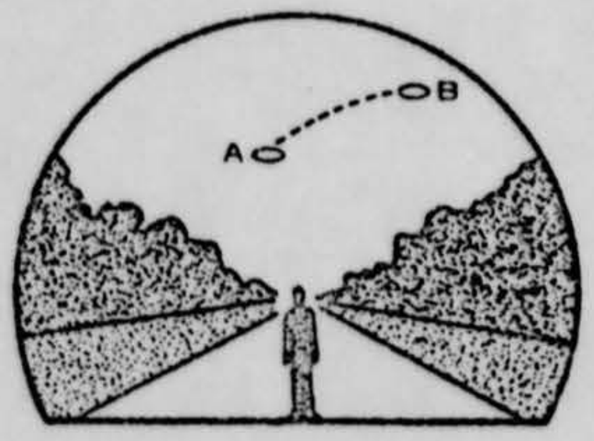


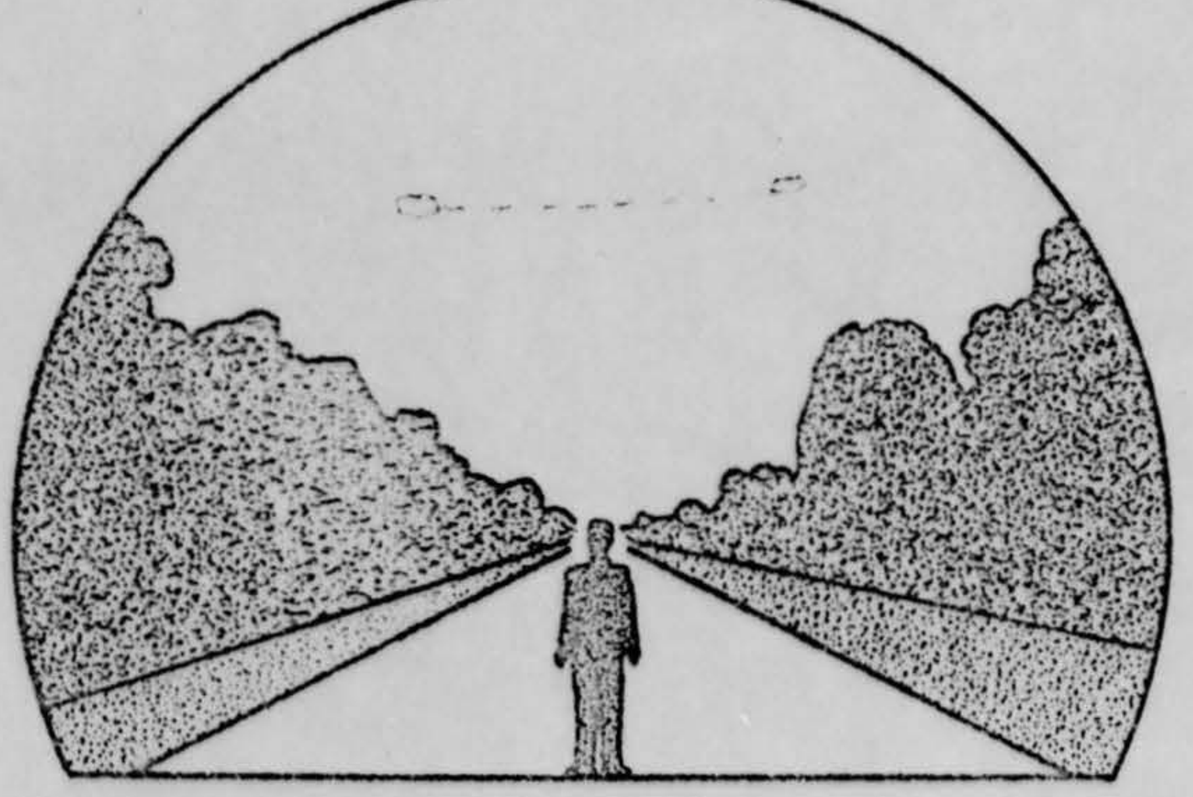
AF FORM AUG 67 117

6A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? *(Check appropriate blocks.)*

	OUTDOORS		IN BUSINESS SECTION OF CITY
	IN BUILDING		IN RESIDENTIAL SECTION OF CITY
	IN CAR ☑ AS DRIVER ☑ AS PASSENGER		IN OPEN COUNTRYSIDE ✓
	IN BOAT		NEAR AIRFIELD
	IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER		FLYING OVER CITY
	OTHER		FLYING OVER OPEN COUNTRY
			OTHER

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:

WHAT DIRECTION WERE YOU MOVING?

	NORTH	✓	EAST
	SOUTH		WEST
	NORTHEAST		SOUTHEAST
	NORTHWEST		SOUTHWEST

HOW FAST WERE YOU MOVING? 15 MPH

DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON? ☑ YES ☐ NO

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6. No

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.

[redacted] Windows up

HOW [redacted] WAS THERE? I saw it to the opposite Direction.

DID YOU NOTICE ANY AIRPLANES? ☐ YES ☐ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME 1 minute		CERTAIN OF TIME		NOT VERY SURE
	✓	FAIRLY CERTAIN		JUST A GUESS

HOW WAS TIME DETERMINED? Estimate

WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

11. CONDITIONS *(Check appropriate blocks.)*

A. SKY		B. WEATHER			
	DAY		CUMULUS CLOUDS *(Low fluffy)*		FOG OR MIST
	TWILIGHT		CIRRUS CLOUDS *(High fleecy or Herring-bone)*		HEAVY RAIN
✓	NIGHT				LIGHT RAIN OR DRIZZLE
✓	CLEAR		NIMBUS CLOUDS *(Rain)*		HAIL
	PARTLY CLOUDY		CUMULONIMBUS CLOUDS *(Thunderstorms)*		SNOW OR SLEET
	COMPLETELY OVERCAST				UNKNOWN
			HAZE OR SMOG		NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS		(2) MOON		
	NONE	✓	BRIGHT MOONLIGHT	NO MOONLIGHT
	A FEW		MOON WITH HALO	UNKNOWN
✓	MANY		MOON HIDDEN BY CLOUDS	
	UNKNOWN		PARTIAL *(New or quarter)*	

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

	IN FRONT OF YOU	TO YOUR RIGHT	OVERHEAD *(Near noon)*
	IN BACK OF YOU	TO YOUR LEFT	UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

Moon

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

Stood a dark triangel lights in each corner formed
pattern. It was self-luminous. Red and green white
and blue. It was solid not transparent. Size of 747.
Size of lights.
Stood motionless from observation point.

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13. DID THE PHENOMENON	YES	NO	UNKNOWN
MOVE IN A STRAIGHT LINE?	✓		
STAND STILL AT ANYTIME?	✓		
SUDDENLY SPEED UP AND RUN AWAY?	✓		
BREAK UP IN PARTS AND EXPLODE?		✓	
CHANGE COLOR?	✓		
GIVE OFF SMOKE?	✓		✓
CHANGE BRIGHTNESS?		✓	
CHANGE SHAPE?		✓	
FLASH OR FLICKER?		✓	
DISAPPEAR AND REAPPEAR?		✓	
SPIN LIKE A TOP?		✓	
MAKE A NOISE?		✓	
FLUTTER OR WOBBLE?		✓	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

IN FIELD OF VIEW

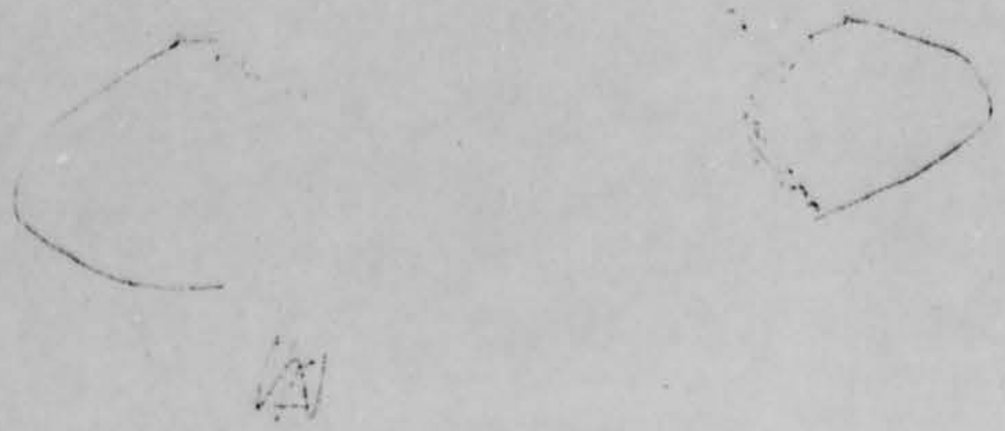
A. HOW DID IT FINALLY DISAPPEAR?

FADED

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☐ YES ☑ NO IF "YES," DESCRIBE.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.

MAY HAVE BEEN CONNECTED



16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

APP. 1/25 OF SIZE OF OBJECT

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17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.

	EYEGLASSES		CAMERA VIEWER
	SUNGLASSES		BINOCULARS
✓	WINDSHIELD		TELESCOPE
	SIDE WINDOW OF VEHICLE		THEODOLITE
	WINDOWPANE		OTHER

A. DO YOU ORDINARILY WEAR GLASSES? ☐ YES ☑ NO

B. DO YOU USE READING GLASSES? ☐ YES ☑ NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

Similar to the ~~[illegible]~~ fuselage of an B-52 only 10 times larger,

21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OF MACHINERY IN THE VICINITY? ☐ YES ☑ NO. IF "YES," DESCRIBE.

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☑ NO.
IF "YES," DESCRIBE.

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☒ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☐ YES ☐ NO. IF "YES," DID THEY SEE IT TOO? ☒ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

[redacted]

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME [redacted]

ADDRESS (Street, City, State and ZIP Code) [redacted]

TELEPHONE (Area code and number) [redacted]	AGE 21		MALE ☒		FEMALE

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

[redacted] is a Senior at East Carteret High School,

25. WHEN AND TO [redacted] YOU HAD SIGHTED THIS PHENOMENON?

NAME [redacted] DAY _____ MONTH _____ YEAR _____

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 23 MONTH 3 YEAR 1968

[54

OHIO

((Athens, Ohio

MEMO FOR THE RECORD

Subj: UFO Observation, 3 March 1968

[redacted]tering, Ohio 45429 was driving west, around Albany, near Athens, Ohio when they saw an object in the northern sky going West to East at 25 deg elevation. Looked like a satellite re-entry, two to three minutes, glowing red almost white light. Didn't attach much importance to the object because I thought it was a re-entry.

A-2

KENTUCKY

((Canton

MEMO FOR RECORD

8 March 1968
1410 hrs

SUBJECT: UFO Observation, 3 March 1968

Called: Canton Ohio City Police
Phone: 216-452-7971

Records Dept, stated that they had no UFO complaints on that day.

((Centerville, Ohio

MEMO FOR THE RECORD 4 March 1968

Subject: UFO Observation, 4 March 1968

[redacted] 45459

saw an unidentified object at 945 pm, for three minutes, saw a cluster of starlike objects which ~~dim~~appeared in the southwest and leaving a trail behind, going northeast. At about 45 degrees elevation. Watched them till they went way up to the northeast, they got down over some houses and weren't quite as bright. White star like object. At first thought they were shooting stars, howevery tiey were too long, it was like the trail was burning. Seemed like six or eight objects together.

3rd hand of the sighting. As above except to the Co. Courts - Williams line. The objs passed south of that pt. about 15° from being straight overhead.

((Centerville

MEMO FOR THE RECORD 4 March 1968

SUBJECT: UFO OBSERVATION, 3 MARCH 1968

[redacted]

At 945 - 950 pm Mrs [redacted] observed an unidentified object for approximately one minute, it was long and narrow, with a light in f ront and in back there was a streaming tail following it. Disappeared behind some trees, The object was dark black, trail wasyellow gold. Appeared to be flying low, it was arcing and going north. Saw it between Miamisburg and Centerville, Ohio,

Cinci, Ohio

MEMO FOR RECORD

SUBJECT: UFO Observation, 3 March 1968

[redacted] saw it at 9:45, estimate two minutes duration or could have been less. I first saw it 40-45 degs above the horizon SW-NE. Object would have passed almost directly over the airport, right over the roof. Disappeared 5-10 degs above the horizon. When first seen there were four particles,at the end I would only see one object. Thought it to be either a meteor or satellite breakup, had a pretty good glow. It left a glow like some gasses were following the object. The radar is downstairs. Did not call down to radar, because air traffic radar usually can not pickup this high of an object.

Called: Greater Cincinnati Airport

Control Tower [redacted]

3 Controllers saw the object:

Mr [redacted]
Mr. [redacted]
Mr [redacted]

Mr [redacted] sighting was taken down in pretty much detail.

Mr. [redacted] said that the object passed SE of the airport and that he saw it go out at about 70 degs elevation. The object was at about 30 degs elevation when first seen and went in a NW direction.

Mr [redacted] saw the object for only about 10 seconds. He thought the objects passed nearly overhead although it may have been a little East. He watched the object till it faded out. Bearing 40 degs or elevation of 40 degs?

((Cleveland

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]Ohio

Time: 1000 pm EST

Place: near Mansfield, Ohio

Object: four (4) objects, yellowish-orange. Tails were orangish yellow.

Duration: 10-15 seconds. Observer driving North on 71. First saw in Northeast. "To the East a little but almost in front." Brighter than Venus. Did not illum sky, but was pretty bright.

Course: NE

(Cleveland

MEMO FOR RECORD 5 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called Cleveland FAA Control Tower (216-267-2190). They received numerous reports. The objects came from SW to NE and were observed about 1 minute. They passed to the South of the city and were about 60 degs. above the horizon. Radar was checked at that time but no objects could be corrolated to the UFOs. The Controller suggested the control tower at Youngtown since they reported it to have passed directly overhead.

(

(Columbus

MEMO FOR RECORD 8 March 1968

SUBJECT: UFO Observation, 3 March 1968

Columbus Municipal Airport

Mr [redacted] (Chief Controller)

9:45 to 10:00 pm (Nothing Logged)

((Dayton

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDPT (UFO)

SUBJECT: UFO Observation, 3 Mar 68

TO: [redacted]
Dayton, Ohio 45449

Your name has been given to the Aerial Phenomena Office (Project Blue Book) as being a witness to an unidentified flying object. If you were a witness to an UFO sighting on 3 March 1968 would you please complete the attached AF Form 117 and return it in the envelope provided. If you were not a witness to this sighting, would you please make a statement to this effect on the attached form. The information which you provide will be used in evaluating this observation. Thank you for your assistance in this matter.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
AF Form 117 w/envelope

MEMO FOR THE RECORD 4 March 1968

Subj: UFO Observation, 3 March 1968

[redacted]
[redacted]ayton, Ohio 454449

[redacted] called to report an unidentified flying object that he observed at 945 pm on 3 March 1968. Mr. [redacted] said he worked for the General Motors Corporation as a Supervisor and has been trained to make proper observations for analysis. He has never seen an UFO before. He saw three flying in a formation that he couldn't identify. The objects were going very fast, there was no sound, it left a trail. The brightness was not consistent, it seemed that the two on the side were more consistent, appeared like a flame and was sparking. He lives in Singing Hills and saw the object go from the horizon in the SW to the norizon in the NE. Way up high. It was going a terrific speed, He compared it to a meteorite, however the observation was much too sh long for that of a meteorite, saw it for one to two minutes. He said that he often watches for the meteor showers. Mr [redacted] would like to complete an AF Form 117 on his observation.

MEMO FOR THE RECORD 6 March 1968

Subj: UFO Observation, 3 March 1968

Witness: [redacted]ue
[redacted]5424

LOCATION OF SIGHTING: Wheeling, West Virginia

TIME: Approx 930 pm, EST

Mr. [redacted] was in his car at the time of the sighting, he couldn't tell much about his observation, saw it for approximately two or three minutes. Theobject appeared to be moving East, he was heading west as the object passed over the roof of his car, but he couldn't be sure of his exact direction of travel since the road curves. Appeared that there might be two objects shaped like a wedge, the middle was darker, like a real bright white.

March 4, 1968

Dear Sir:

On March 3, at approxmently 9:45 pm - we were 25 miles west of Elizabethtown - comming in on the Western Ky Parkway, When we sighted a 'cigar shaped' object directly ahead - alittle to the left of the North Star.

The object appeared to be vertically desending. When first sighted it was brighter and as it desended it became more ghost like in apperance untile it was no longer visable.

Hope this will be of some help to you.

Sincerely yours,

[redacted]

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

Mr. [redacted]
[redacted]oon, Ohio

Time: 9:47 pm
Obj: 3 bright meteor like objects came almost to the ground and seemed to burn out. Sparks behind objects.
Direction: uncertain
Duration: more than 30 seconds, less than 2 minutes.

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

Air Vis.

[redacted]
Dayton, Ohio

Time: 9:45 pm EST
Place: 10 miles North of Cox Municipal Air port
Duration: 15 seconds
Number: three objects, lead by one object.
Type Sighting: Air Visual (at 5500 ft)

Observer thought that they were meteors. The object did not appear to disappear over the horizon but just seemed to fade out of sight.

213

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]ton, Ohio
Time: about 10 pm
Duration: 3 to 4 minutes
Course: North
Color: objects were bright white and had a reddish tail.
Number: three bright lights in a triangle were seen. Each object had a tail. The object disappeared behind some houses. At first thought the object was a meteor.

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]
Dayton, Ohio

Time: little after 9:30 pm EST

Object: three (3) objects. Two (2) in back and one in front.

Color: Yellowish in color. Like balls of fire.

Duration: Two (2) minutes

Direction: uncertain. Looked like falling star.

MEMO FOR THE RECORD 4 March 1968

Subject: UFO Observation, 3 March 1968

At 9[redacted], Ohio 45439 saw an unidentified object. Saw it for just a glimpse, he couldn't estimate the time for he was driving thecar and was at an intersection when hes son called his attention to the object. Three objects in a "V" formation, slim and narrow with contrails, contrails seemed to be lit up. Saw them in an easterly heading, 60 deg and elevation was 35 deg M + or -. Disappeared over the horizon. Compared it to B-52 landing lights when they come over, was faster than a jet.

MEMO FOR RECORD

4 March 1968

SUBJECT: UFO Observation, 3 March 1968

M[redacted]
Dayton, Ohio

Time: 9:40 pm EST

Objects: Two (2) objects. Definitly not V shaped. Fiery orange long and narrow but one was a little higher. No noise, had a straight line path.

Direction: Easterly

First seen: Coming from South west. Could not judge elevation.

Last seen: went behind the trees.

Duration: 1 minute

MEMO FOR THE RECORD

UFO OBSERVATION & PHOTOGRAPHS, 3 MARCH 1968

Mr [redacted] contacted regarding his family's observation and subsequent photographs of an UFO on 3 March 1968. His address is: [redacted]born, Ohio.

At approximately 950 pm they saw three objects, two close together and, in the rear, white and it was apparently some ~~time~~ kind of flame.

His son was got a series of photographs and was going to develope them today, 4 March, at school. He doesn't know if he got anything on the film or not. It was black and white film. There was no sound to the object, probably 5 to 8,000 ft alt, going 4 - 500 mph, duration was about forty seconds. The objects were going northeast. My son went out of the house and saw them come from the south, then I saw it in the middle of the sky and then it just disappeared.

3'6

Fairborn

TDPT (UFO) 4 March 1968

UFO Observation & Photographs, 3 March 1968

[redacted], Ohio 45424

Reference your recent unidentified observation and your son's photographs of an unidentified object. Additional information on your sighting and the original negatives are needed to perform a comprehensive investigation. Request you complete the inclosed AF Form 117 and photographic data sheet and return them with your original negatives. Upon completion of analysis we will return your negatives along with our findings.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

3 Atchs
1. AF Form 117 (4cys) w/envelope
2. Photo Data Sheet
3. Blue Book

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MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

At 9:45 pm, on 3 March 1968 observer saw object for one minute or 30 seconds. Object was going North, there were three objects, with tails that tapered back.

Thought it was meteorite but brighter and longer, went over the horizon and faded.

[redacted]
Fairborn, Ohio

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]
Fairborn, Ohio

Time: 9:30
Duration: 1½ minutes
Discription: three staggared lights were seen, with a 4th burned out. One had a trail.
Color: Bluish white with orange tail. No comparison
Size: Smaller than match head at arms length.
Angle Ele.: Seen as came over horizon in SW. Went over the horizon in NE.

MARYLAND

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

Three bright intense triangle shaped objects two in front, one in rear. Looked like a fighters landing lights, except they were going backwards.

9:45 pm in Kettering
NNE

Each had a yellow vapor tail. Duration of the obseravation was 30-40 seconds, sort of arcing and no noise. Observer made a sketch of object.

Lt Weingarten
ASNNH - 10

Form 117 sent on 4 March 1968

MASSACHUSETTS

MEMO FOR THE RECORD 12 March 1968

Subj: UFO Sighting of 3 March 1968

Talked to Mr [redacted] at 1200 hrs. All film from the Prarie Network proved negative.

MEMO FOR THE RECORD

12 March 1968

Subj: UFO Sighting of 3 March 1968

Talked to Mr. Sitron of the Smithsonian. Gave him information on the airplane from Canada (Air Canada 457-3). Also told him that I would send him a copy of the sighting from Oliver Springs, Tennessee. He has not received any reports from the observatories that were contacted. (Von Dell Chamberlain of the observatory at Michigan State University is the collecting official for meteor watch teams at observatories all over the country.) Mr. Sitron has a report from [redacted] Ohio near control tower. He said [redacted] gave a very good report. He also stated that they had a good report from Indianapolis. Indianapolis stated that the objects passed south of the city and disappeared at an azimuth of 80 degrees. (No elevation was given by [redacted].

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MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

3 March 1968 (9:45 pm EST)
4 March 1968 (09:00 hrs)

Called Dr. McCrosky's office at The Smithsonian and talked to his secratary. She said that she would check with the head of The Prarie Network to determine if they had gotten photos.

MEMO FOR RECORD

6 March 1968

SUBJECT: UFO Observation, (3:15 PM)

Called Westover AFB, COMMAND POST, nothing CONTROL TOWER, nothing in LOG, WEATHER CLEAR. UFO Officer COL BENNETT says that he received no reports for the third.

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NEW YORK

MEMO FOR THE RECORD 12 March 1968

Subj: UFO Sighting on 3 March 1968

Called Watertown AFS (Called Camp Drum A.V. 552-1605 and asked for Watertown) and spoke to Lt. Travelini. I asked him to contact local and state police in the area and also airports and see if they had any reports of anyone hearing or seeing anything strange or unusual on the evening of 3 March. He asked me to call him back tomorrow morning to get the information. Called Lt. Traveline at 0920 on 13 March again. He checked the Watertown Airport, Ogdensburg Airport, state and city police at Watertown and also Camp Drum. No reports of anyone having seen anything or of having heard a sonic boom, thunderclap, or swishing noise. Said he might have a report at Vesera? He will get more information on it. If it is a report for 3 March approximately 1000pm, he will call us. Otherwise, he will not bother to call.

Note: On 3 March during the evening the weather was a "little foggy."

MEMO FOR THE RECORD

Subj: UFO Sighting on 3 March 1968

Niagra Falls Apt. New York

PIO--Nothing 852-1470

Lt. Col Swegle Ex 307

Tower 716-2971310

Called Ex 307 but Col Swegle was in conference. Talked to the Sgt. They had received only one report that could possibly be relevant. The observer was [redacted] York

No date on his report. The object had red and blue lights and was heading East. No time of observation was reported. The Chief Controller was not in. I was told he would be back after 9 o'clock.

MEMO FOR THE RECORD 12 March 1968

Subj: UFO Sighting of 3 March 1968

Jamestown, New York

City Police

716-485-1115

Talked to Lt. Fiorella at 1345 hrs who checked the log and stated that there were no entries of anyone having seen or heard anything unusual on 3 March near 9:50 pm EST.

March 3, 1968

On March 3, 1968, between 9:45 and 9:50 pm, EST, numerous observers in the Indiana, Kentucky, Ohio, West Virginia, Virginia, Tennessee, and Pennsylvania area sighted several whitish to bluish white lights that appeared to have orangish-red tails. The majority of the observers stated that there were three objects traveling in a northeast direction. These objects were sighted by numerous ground observers and also by several aircraft pilots. Indianapolis FAA Center was notified at the time of the sighting but did not paint any objects on radar that could be correlated to the UFOs. The Space Detection Center reported that they were certain that the sightings were the result of the decay of space debris into the earth's atmosphere. The sighting is being carried as satellite decay in Project Blue Book files.

SAMC

10037?3

UNITED AIR LINES

MEMO

SEE REGULATIONS 5-28

CO. ADD. CODE	NAME	APPROVAL	INFO	ACTION	FILE	ADDRESSEE'S INITIALS AND DATE

Lt. Marano,

Enclosing two more reports from pilots regarding the March 4th 0245 Z event that occured over your part of the country.

If any more come in I will mail you copies.

Sincerely

[redacted]

CO. ADD. CODE	NAME	DATE
FROM		

6 REV. 1-60 PRINTED IN U. S. A.

MEMO FOR THE RECORD 12 March 1968

Subj: UFO Sighting of 3 March 1968

Rochester New York

State Police

271-4646

Called at 1335 hrs. and talked to Trooper Meyers. There was nothing in their log. They stated that the Sherriff's Office would receive none of those type of complaints.

MEMO FOR THE RECORD 12 March 1968

Subj: UFO Sighting of 3 March 1968

Rochester New York

Sherriff's Office

716-232-1414

Talked to Ed Boehm in the Records Dept. There was no report in the log of anyone having seen or heard anything unusual on 3 March at about 9:50 pm.

MEMO FOR THE RECORD 12 March 1968

Subj: UFO Sighting of 3 March 1968

Rochester, New York

Rochester City Police

716-232-7070

Talked to Sgt Connor who checked record cards for 3 March, 9:00 pm until midnight. Nothing reported on any UFO sightings or sonic booms etc. Suggested that State Police or Sherriff's Office might have received something.

MEMO FOR THE RECORD 12 March 1968

Subj: UFO Sighting of 3 March 1968

Called Rochester Control Tower at 1300 hrs. and talked to Mr. C. Brundage, Area Chief, 716-436-5088. He checked all available records. No one in the Tower saw anything. No reports were called in (in that time area). Note: The midnight to 4 shift received report of a sonic boom in early morning hrs. but SAC was operating in the area. Also I checked the radar log but the results were negative. He will call us collect if he hears anything that might help us.

MEMO FOR THE RECORD

16 March 1968

Subj: UFO Observation, 3 March 1968

On 12 March at 1220 hours:

Lt Marano again called Hancock and asked for Lt Cunningham. He was on his lunch break but Lt Marano left a message for Cunningham to call the Aerial Phenomena Office back.

On 12 March at 1520 hours:

Lt Marano called Hancock Field, New York. Lt Cunningham was not in. Left message for him to call us.

On 13 March at 1345 hours:

Called Hancock; Lt. Cunningham still not in. Left a message for him to call Maj Quintanilla

On 13 March at 1445 hours:

Called Lt Cunningham again and he wasn't in. Major Quintanilla told the Sergeant to inform Lt Cunningham he had better call tomorrow or else.

On 14 March at approximately 0830 hours:

Lt Cunningham called the Aerial Phenomena Office. He had not checked with the city police or state police or towers at Syracuse, Elmyra, Ithaca or Binghamton. He'll call back today or tomorrow with the information.

On 14 March at 1345 hours:

Lt Cunningham called to report that he had checked the following places with negative results.

Oriskany	Local Police, Newspaper, Control Tower
Elmyra	State & Local Police, Star Gazett Advertiser, Control Tower
Syracuse	State & Local Police, Post Standard, Control Tower
Ithaca	Local Police, Local newspaper, control Tower
Binghampton	State & Local Police, Newspaper, control Tower

(

(
SARATOGA NFS. N.Y.

MEMO FOR RECORD

7 March 1968
(0815)

SUBJECT: UFO Observation, 3 March 1968

Called Saratoga AFS (Hancock) (called Hancock and ask for Sage Antonon operator - then Saratoga AFS,Ex: 251 or 252) and taled to Sgt Leville. The station received no reports but if he hears anything he will aall us.

Called him back and asked to check:

Glennfall Apt
Schanectady (Police)
Albany (Police)
Troy (")
and Apt near Albany

said he would check on them.

7 March 1968 (1125)

Recieved a call from the SAC duty offieer who said that someone at Saratoga wanted as to call back immediately. The Saratoga operator would connect me with the party. I tried Autovon but could not reach Hancock to have then contact Saratoga so I finally called commerical.

1140 am
Called Base Operator who connected me with Sgt Berille. He stated that Lt Cunningham of 35th Air Div had checked every available source but had not come up with any thing. He, Sgt Perille, called the local police set Saratoga, the Albany and Glenn Falls Airports, the Albany paper, and local and State Police in the Area with negative results.

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MEMO FOR THE RECORD 6 & 7 March 1968

Subj: UFO Observation, 3 March 1968

Contacted: Stewart AFB, N York
ext 616 Maj Harris
autovan 689-3373

Negative, weather clear, few clouds

Otis AFB, Massachusetts
617 - 968-4276
Lt Grass UFO Officer, Sgt. Dalton checked Control Tower, Command Post, Radar and Airport and Police at Hyneas. Weather clear, few clouds. Negative

Griffis AFB, New York
947-3180 autovan
Mrs. T[redacted] contacted Command Post, Radar, Control Tower and she also didn't have any UFO reports. We requested Mrs [redacted] to also contact City and State Police at Utica, Oriskany and the airports. She said she would do this plust check Bradley Field. Mrs. T[redacted] called back with a negative report, also she checked a few places other than the above. Will call her back later if necessary to determine what and where the other places were.

Hancock Field, New York
Autovan 852-1420 (Col Robinson UFO Investigator ext 8713)
Negative Report
Also contacted Info Office ext 304, 305, or 306, LT Cunningham
1st Contact: [redacted]s thought that they may have had a report for 3 March of a whooshing sound. Further contact with Lt Cunningham indicated they did not.have a report for the night of 3 March. We had asked Lt Cunningham to contact the following airports, city and state police at Ithaca, Elmyra and Binghampton. When Lt Cunningham called back he said he had a negative report, however, when asking for a slisting he indicated that he had only contacted Saratoga and they were negative. Asked Lt Cunningham to call the other places we had asked for. On 11 Mar 68 contacted [redacted] at Hancock and asked for a listing of those places Cunningham had contacted. He said Cunningham would call us back.

INDIANA

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

Mr. [redacted]
Huber Heights, Ohio

Place: 10 miles east of Gary, Indiana Airport
Time: about 9:45 to 9:50 pm EST
Type Observer: Air Visual (6500 ft to 7500 ft)
Number Objects: 2-3 bright lights (white). (did not see any tail)
Course: NE
Duration: 2 minutes
First Seen: Plane heading was 124 degs and object was seen in left front windshield and above aircraft. (Co-pilot) saw it first. The Co-pilot's name is [redacted] has 8,000 hours slying time.

MEMO FOR RECORD

4 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called Indianapolis Center and talked to Mr. U[redacted] Indianapolis had several reports of the UFOs (about 9:45 PM EST). They checked during the sighting but could nor correlate any paint with the UFOs. Several reports from pilots were to the effect that, the objects were North of Huntington and Charleston, West Virginia, going NE. It was also reported that they passed South of Parkerburg, West Virginia and also Louisville. Cleveland Center also received several calls.

[redacted]

MARTIN MARIETTA CORPORATION

Baltimore,
Maryland
21203

March 4, 1968

Captain [redacted]
United Air Lines
Stapleton Field
Denver, Colorado

Dear Captain [redacted]

Captain John Morrison, whom I have met here at the Martin Marietta Corporation in Baltimore, has asked me to write you regarding a UFO sighting by me on the night of February 3, 1968.

I was flying a Lockheed JetStar at 33,000 feet and indicating Mach 0.82. The weather was clear with unrestricted visibility. A beam HUF a light was observed at three o'clock and higher than my flight. A guess would put it fifteen or twenty thousand feet higher. At first, the light appeared to resemble a flight of two aircraft in trail. The light moved at a high rate of speed, at a steady course and altitude. My heading was 87° so I would guess its heading was about 50°.

As it passed at 12 o'clock, they definitely appeared as two distinct light sources. Each light source emitted that I would describe as a pencil beam of light. This beam had no taper, did not trail off but maintained a constant cross section and ended abruptly. I would describe it as whitish in color changing to phosphorescent. The changes in color were subtle and did not appear modulated.

When these lights moved to 1100 o'clock the front light seemed to be outdistancing the rear light. The rear lights at this angle appeared as two distinct lights of the same intensity and both also trailed by identical pencil beam of light. A few seconds later, it all disappeared from sight because of the distance from my position.

The time was approximately 1045 p.m. EST. My course was a doppler track from PWT direct to IND. Drift was six degrees right. The total time this was observed was between 40 and 50 seconds. All this observation is as it was actually witnessed and my copilot concurs with everything as it is stated here.

KENTUCKY

MEMO FOR THE RECORD

8 March 1968

SUBJ: UFO Observation, 3 March 1968

Contacted: Mr and [redacted]

[redacted] Kentucky 42701

TIME: 945 pm EST

DURATION: Approximately three minutes

Mr. and Mrs. [redacted] were in their car on Western Kentucky Parkway, approximately twenty-five miles west of Elizabethtown. The object did not disappear over the horizon, but over a hill. The object passed north of them and was traveling NE. Looked like a light on smoke. Mr. [redacted] was pretty sure that the object passed north of them, however, since the road curves he could say positively. He was pretty sure that it passed to the north.

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968 Lexington Ky

[redacted]

Time: 9:45 pm EST
Duration: 4-6 minutes
Object: Two high intensity lights were seen with several less intense lights.
Course: NE
Intensity: Stated that was less intense than on aircraft red becon light that he saw later that evening. Could not compare to Venus. Observer does not think the objects were either satellite debree or meteors because they had a flat trajectory. He did not see any tail either but thought that there were numerous lights in random fashion.

MEMO FOR RECORD 8 March 1968

SUBJECT: UFO Observation,

Lexington, KY does not have radar. They have one entry, 0246Z, line of light reported going SW to NE (nothing more). They checked Indianapolis Center who said they received reports from Charleston, West Virginia and Atlanta, Georgia. No one in Control Tower saw the object. They haard that the Contrd Tower in Knoxville, Tenn. saw the object.

MEM FOR RECORD 4 March 1968

London Rg

SUBJECT: UFO Observation, 3 March 1968

[redacted]

The observer was flying over London, Kentucky. VOR at 10,500 ft (about 131 N miles South of Cincinnati VOR) whenhe first sighted the objects to the West at what appeared to be 18,000 to 20,000 ft. The time was 0946 pm EST and the object was in sight for about 8 minutes duration. When the objects passed in front of the observer they seemed to be at about a 60 degs angle with the horizontal. One object was leading, several others seemed to be alongside, and one was trailing the others. The observer compared the sighting to lights shining on contrails. When first seen there were numerous lights but some of the lights went out after they had passed in fromt of the observer. After they had passed well beyond it seemed like after burners.

The course of the objects was at about a 75 deg heading. The objects just seemed to fade out of sight before going over the horizon. Passed North of observer

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MEMO FOR RECORD

8 March 1968

SUBJECT: UFO Observation, 3 March 1968

Louisville, Kentucky

Nobody in the Control Twer saw the object, they did have calls but did not take down names or phone numbers. the objects were seen East of Louisville, KY.

He has a letter from: [redacted]

Will send us the letter. He also had nothing on radar.

18?

MEMO FOR RECORD 8 March 1968

SUBJECT: UFO Observation,

Owensboro, Kentucky (Airport)

Nobody there saw it, Lady called in said she saw an object East of her. She lived near the river and they did not take her name. If he gets any reports he'll forward them to us. Airpot at Owensboro doses not have a control tower or radar.

UNIVERSITY OF COLORADO

3 MAR 68

TDPT (UFO)

March 3rd re-entry

16 JUL 68

Mr [redacted]
University of Colorado
Boulder, Colorado 60102

Dear Bob:

Reference your memo of 9 July 1968. It has been my experience that a sonic boom, rumble, or a swish is associated with the re-entry of a fragment.

The characteristics of the sound depend upon the shape and size of the object. Smaller fragments tend to make a swish, larger fragments a rumble, depending upon the shape, and larger fragments a sonic boom. A larger fragment's sound can be heard within a fifteen mile radius, the smaller fragments, within a much, much smaller radius.

On the 3 March 1968 incident, we could find no evidence of anyone hearing a sound. The night was cold, and chances are that people had their houses fairly well insulated from the elements and there is also the best possibility that the re-entry fragments fell in a densley wooded area. Forest rangers in the Pennsylvania and New York areas heard no sound; however, we might be looking in the wrong place for the recovery of this fragment.

Thank you for the article; I will be looking forward to seeing you in the near future.

Sincerely,

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office

UNIVERSITY OF COLORADO

Interdepartmental Memorandum

TO Lt. Col. Quintanilla

FROM R. J. Low

SUBJECT March 3rd re-entry

DATE 7-9-68

Hector:

I'm sure you've seen the attached by [redacted]. In case you haven't .....

I'm interested to know whether anybody who reported this thing suggested he heard a sonic boom? Would you expect that there ought to be a report of one? Of course, there is no lift associated with a re-entering object, and, from reading the literature on sonic booms, I conclude that lift is more responsible for sonic boom than volume. Even so, there would be a boom in connection with the Zond 4 re-entry. Maybe, for such an object, the path of the boom is very narrow, and you would not expect a report. What has been your experience in such matters?

Best personal wishes.

Cordially yours,

B. L.

I compare this with meteorites, missile re-entries and satellites I have seen and am certain this is none of these. I hope this information is helpful to you. I made a complete report to IND center and heard perhaps a half a dozen air carrier pilots make similar reports.

Drop me a line when you compare this and next time I am in Denver, I would enjoy a chat with you.

Yours very truly,

[redacted]

[redacted]

[redacted]

Flaming Objects Seen(Many Traced to a Soviet Space Shot

By WALTER SULLIVAN

At about 9:45 P.M Eastern Standard Time on March 3 a woman in Indiana looked out a window and saw a procession of fiery objects fly past in the sky.

"Two or three minutes later," she reported to the United States Air Force the next day, "my cousin, my aunt and my uncle came running into the house and yelling and trying to tell me about the U.F.O. [unidentified flying object] they saw.

"It was at about treetop level and was seen very very clearly and was just a few yards away," she continued. "All of the observers saw a long jet airplane looking vehicle without any wings. It was on fire both in front and behind. All observers also saw many windows in the U.F.O."

A woman in Ohio told how her dog, when the U.F.O. passed over, had lain between trash cans in her driveway and whimpered, "like she was frightened to death."

The woman, although she had slept 10 hours the night before, said she had had "an overpowering drive to sleep." She had the same experience after seeing a U.F.O. in 1966.

In Tennesse, a woman reported seeing a craft with rather square windows and what seemed to be a riveted metal fuselage. The absence of sound terrified her, since she believed the vehicle to be only 1,000 feet overhead.

What she and the other witnesses saw, the Air Force believes, was the re-entry into the atmosphere of the booster rocket, or other launching components, of Zond 4, a space vehicle launched from the Soviet Union the day before. A study of Air Force files in Ohio has shown it to be one of the most thoroughly documented — and revealing — U.F.O. episodes to date.

Moscow announced on March 3 that Zond 4 had been placed in a parking orbit until it would be in the proper position for launching into "outlying regions of near-earth space."

Some thought its task was to photograph the moon and return to earth, but apparently the mission was unsuccessful.

Yesterday the North American Air Defense Command confirmed its assessment that the fiery objects seen over the Eastern United States were debris debris from the Zond 4 launching. Meanwhile, the Aerial Phe-

Continued on Page 10, Column 1

Flying Saucer I Traced to Space Shot by Soviet

Continued From Page 1, Col. 3

nomenon Office of the Air Force at Wright-Patterson Air Force Base in Ohio had assembled some 70 eyewitness accounts of the episode.

A study of this file illustrates the excitement that grips some observers when confronted with a U.F.O. However, it also shows that others, such as airline pilots, can help reconstruct what actually happened, particularly when their reports are sufficiently numerous to weed out those that are misleading.

Included in the file are reports from an Eastern Airline pilot over Connecticut, a United Air Lines flight over Indiana, an American Airlines plane over Pennsylvania, a Piedmont Airlines pilot over Virginia and an Air Canada pilot north of Toronto.

Their in-flight reports led the air traffic control centers of the Federal Aviation Agency in indianapolis and New York to search their radar scopes, but no unidentified objects below 60,000 feet could be detected.

At least two of those reporting to the Air Force guessed that they had witnessed the re-entry of a spacecraft. Most pilots, however, were perplexed by what seemed a formation flight of several vehicles. Most also thought the strange craft were only a few thousand feet above them, instead of near the fringes of space.

A 98-Cent Bargain

Such a "formation flying" seems typical of unplanned reentries. Yesterday, satellite trackers at the Smithsonian Astrophysical Observatory in Cambridge, Mass., recalled what they refer to as the "Milwaukee Miracle." Early on Sept. 5, 1962, one of its Moonwatch

The New York Times July 2, 1968

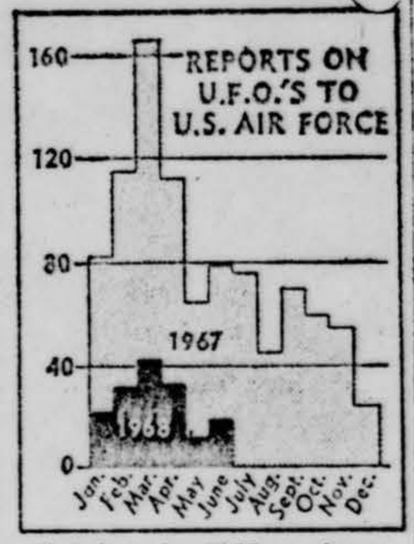
U.F.O. later identified as Soviet space debris is said to have followed trajectory of arrow-tipped line, landing in area shown by cross.

(Satellite-tracking) teams had been alerted to watch for the fall of Sputnik 4, due to pass overhead at 4:58 A.M. The chances that anyone would see the plunge were considered slight.

Eight minutes before the predicted pass a team member, with a 98-cent telescope mounted on a hoe handle, saw a brilliant object approaching. It broke into six pieces that flew across the sky in procession, then snuffed out.

Shortly thereafter a police patrol car saw a dark object embedded in the white centerline of a street in Manitowoc, Wis. It was almost too hot to handle and was soon identified as a chunk of Sputnik 4. Other pieces were found nearby.

In the incident on March 3, the Air Force believes, such a procession of fiery objects looked like lighted windows to some observers. Lieut. Col. Hector Quintanilla, head of the Aerial Phenomenon Office in



Sightings for 1968 are down

Ohio, believes from the reports on file that the debris passed over Lexington, Ky., and Pittsburgh, Pa. Any surviving fragments, according to his estimate, fell near the Pennsylvania-New York line.

Further Clues Sought

His office has been phoning police barracks throughout the suspected impact area in a search of further clues. However, specialists at the Smithsonian Astrophysical Observatory doubt that scraps like those that fell on Wisconsin will be found in that area, much of which is forested.

A number of the reports on this episode came from motorists, including business executives and other well-educated observers. Several ruled out a meteorite plunge on the ground that the object changed course in mid-flight. This may have been an illusion caused by motion of the observer.

Almost all were impressed by the silence of the flight, but one man reported a sound like that of a tin sheet being thrown in the air. Another said that 72 grass fires occurred in his neighborhood the next day and suggested a possible association with the U.F.O. visit. A science teacher, who said he held a doctor's degree, reported trying to signal to the U.F.O. with a flashlight.

Many of the pilots' reports were collected by H. E. Roth of the United Air Lines office in Denver. He is project director of the Volunteer Flight Officer Network, which collects pilot sightings of U.F.O.'s.

U.F.O. Reports Decline

Despite the March flurry, a puzzling aspect of the U.F.O. situation, according to Colonel Quintanilla, is the sharp decline in reports of sightings this year. They are reaching the Air Force at roughly one-quarter the monthly rate of a year earlier. In Washington yesterday, the headquarters of the National Investigations Committee on Aerial Phenomena said that it, too, had seen a sharp decline from a year ago. There was also a slight drop from 1966 to 1967.

In 1966, several much-publicized U.F.O. episodes in Michigan and elsewhere apparently stimulated further reports. As of last weekend the Air Force had received 156 reports since Jan. 1. Of these 21 were attributed to planets or other astronomical objects, 19 to aircraft, 10 to balloons, 8 to earth satellites and 22 to other known causes. There are 35 cases pending and 41 that have not yet been identified.

A University of Colorado study of the U.F.O. phenomenon, directed by Dr. Edward U. Condon, is being drafted and should be released by the end of this year. It is an attempt to assess the phenomenon from a scientific point of view.

MEMO FOR THE RECORD 4 March 1968

Subject: UFO Observation, 3 March 1968

Conversation with Mr. Bob Low of the University of Colorado indicated that they also received UFO reports on a sighting at 945 pm, EST, 3 Mar 68 from southeast Indiana and also from Virginia and one report from Cincinnati. Mr. Low asked what we thought it was, told him we were checking into the possibility of it being a meteor or satellite decay. Mr. Low said he thought it was satellite decay and if they get any confirmation they will call us.

MEMO FOR RECORD 8 March 1968

SUBJECT: UFO Observation, 3 March 1968

Mr. Bob Low, University of Colorado, called 8 March 1968, regarding observation of 3 March. He has reconfirmed with Lt Lewis, NORAD that observations were of ZOND - 4 debris. Lew said he was certain of it. Low does not want copies of our reports for there is no doubt is his mind that they are observations of satellite decay. He has mailed copies of their reports to us.

WEST VIRGINIA

COPY

Dear M[redacted]

This will reply to your letter of March 3, 1968, in which you described an unidentified flying object (UFO) you observed.

Without additional information, we cannot offer an explanation of the object you saw. However, if you will complete t e attached questionnaire and mail it in the inclosed envelope, our technical people at Wright-Patterson Air Force Base will be able to investigate further and make an evaluation.

Should you ever sight another UFO, please report it as soon as possible to the nearest Air Force Base. Each base has a UFO investigator, who is in a better position to make an on-the-spot investigation which usually results in a more accurate analysis.

In the meantime, we are sending you some literature that may help you identify the sighting. Thank you for reporting it to the Air Force.

Sincerely,

DAVID L. STILES
Lt Colonel, USAF
Chief, Civil Branch
Community Relations Division
Office of Information

Attachments

[redacted]32

COPY

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Hook AFB

March 3, 1968

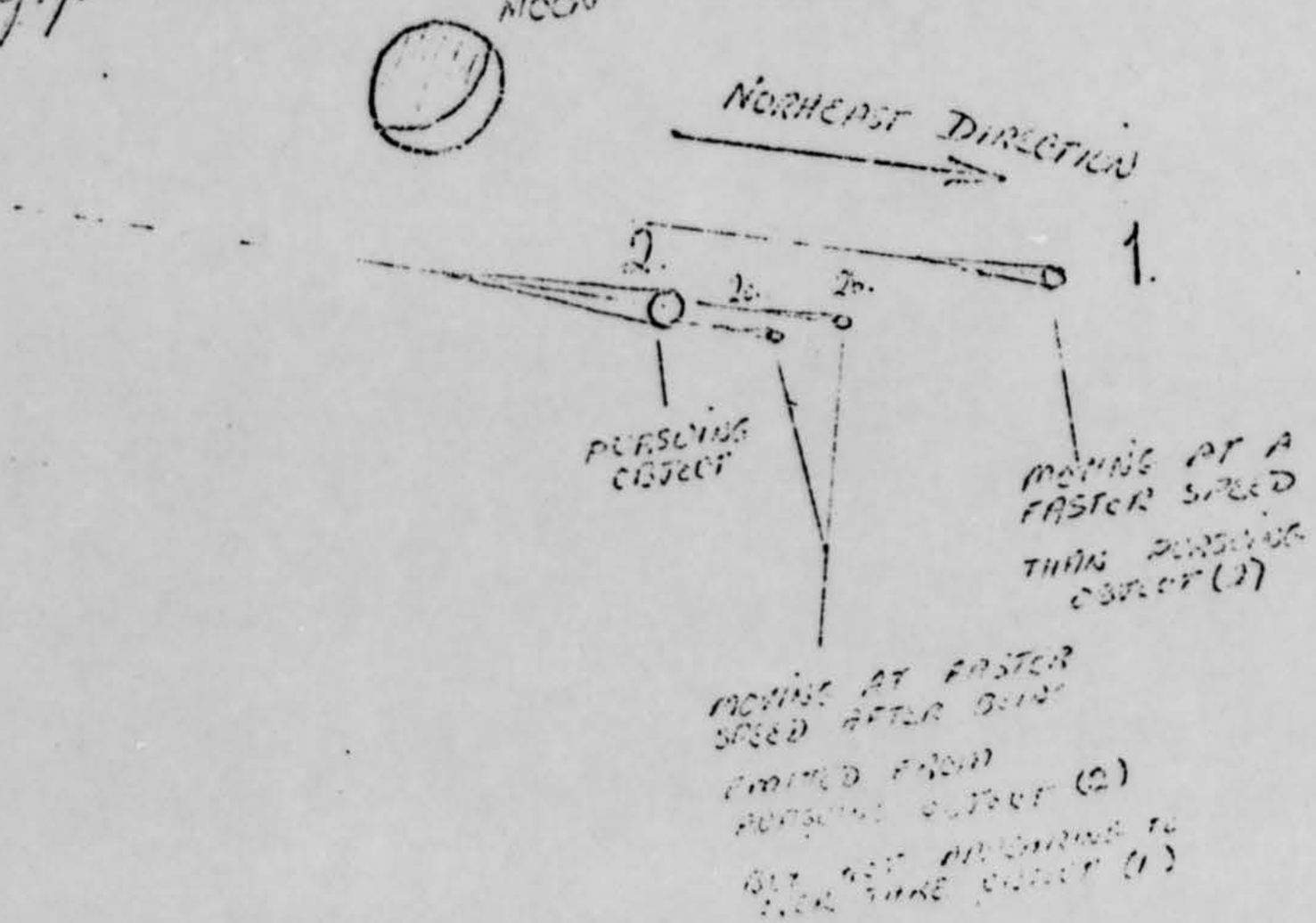
Dear Sirs:

I am presently enrolled as a student at Bethany College, Bethany West Virginia. At approximately 9:30 pm. Sunday night I was returning to my residence after leaving the Biology Laboratory. I noticed two bright objects in the sky traveling at high speeds. It appeared as if one object was in pursuit of the other. One object seemed to be traveling at a higher or greater speed than the one pursuing it. The pursuing object appeared to have emitted two objects of lesser intensity, and looked as if it was making and attempt to shoot the other one down. The four objects then passed behind some trees and the gymnasium by which I was standing. I pointed the objects out to two fellow students, who were coming up the walk if reference or witnesses be needed.

(5)

At the time, I had gotten around
to the side of the building, the objects
were out of view.
I have often noticed B-52
bombers flying over Bethany numerous
times, and as far as I know fly at
approximately 40,000 ft or above. The
sounds of their engines are audible, but
these objects did not emit any sound.
Here is a diagram of what
appeared.

WEATHER CONDITIONS: CLEAR



This is not a hoax, since I have more sense than to try and pull a prank of this sort.

If you would like more information, my address is.

[redacted]32

I will be glad to offer any more assistance concerning this matter.

Thank You,

[redacted]

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Morgantown W. VA.

FEDERAL AVIATION AGENCY

DAILY RECORD OF FACILITY OPERATION

PAGE NO. ONE

DATE MARCH 3, 1958

CHECKED BY

LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION
MORGANTOWN, WEST VA.	MGW	FSS	ALL

TIME	ZONE GMT	REMARKS
0500		ML OMN ALL PSNS.
0505		COMPLETED MONTRG ALL VORS AND MGW H AURALLI NORM. DF CALIBRATION CHECKS NORM. UNBL RECEIVE CNU TC.
1300		ML OFN.
1301		FG OMN IFBC AA , MO OMN FP PF, HS OMN WS WO TT. MONTRD ALL VOR'S AND RBN IDENTS AURALLY NORM, DF CAL CK NORM, TIMAC CLOCKS OT. HS
1320		PDW WX PREPARED. HS
1417		RBN ON ALARM, ACFT [illegible] ADVISED RECEIVING IT NORM. HS
1700		CM OMN ASSISTING ALL PSNS, FG WO TT, MO IF BC AA, HS WS FP PF. HS
1805		COP23 LOUD CLR 243.0 BOTH WAYS. FG
2100		MO,HS,FG OFN.
2101		cd on ws fp pf. DB ON WO TT. CM ON AA IF BC. AURALLY MONTR MGW RBN, ALL VORS. ALL IDENTS NORM. DF CALIBRATION CK NORM. CD
2100		CM OFN.DB ON AA IF BC. CD ON WO TT FP PF. CD
0324		LC240 TKG TO RWY 18ADZD VERY BRIGHT LIGHT TRAVELING NORTH. IN SIGHT VERY SHORT LENGHT OF TIME. AT SAME TIME (0255) PILOT OF N7002 TWIN BEACH 18DME MILES WEST OF MGW RPRTD 4 FLYING OBJECTS IN FORMATION TRAVELLING NORTH AT EXTREMELY HIGH RATE OF SPEED AT ABOUT 30 THOUSAND FEET TRAVELLING PARALLEL TO GROUND LEAVING TRAILS OF VERY BRIGHT LIGHT BEHIND AND LOOKING AS A ROCKET WOULD LOOK FLYING LEVEL. WHEN ASKED IF THEY COULD BE METEORITES, HE REPLIED" IT WOULD BE THE FIRST TIME I EVER SAW METEORITES FLYING FORMATION" CALLED ZOB WHO ADZD THAT THEY HAD HAD SEVERAL RPRTS FROM OTHER PILOTS ABOUT THE SAME THING. CALLED UPO OFFICER AT FFO TO MAKE RPRT, BUT OPERATOR THERE SAID THAT HE WAS VERY BUSY AND HAD BEEN BUSY FOR A COUPLE OF HOURS TAKING RPRTS FROM ALL OVER THE AREA ABOUT THE SAME THING. MORGANTOWN POLICE OFFICER CAME IN STATION AND DESCRIBED SIGHTING AND RPRTD EXACTLY THE SAME PHENOMENON THAT THE PILOTS HAD RPRTD. APPRTLY TWO GROUPS OF OBJECTS, ONE GROUP OF THREE NE OF MGW AND ANOTHER GROUP OF FOUR TO WEST.
0500		CD DB OFN.

I CERTIFY that entries above are correct; that all scheduled operations have been accomplished, except as noted, and that all abnormal occurrences and observations have been recorded.

(SIGNATURE OF WATCH SUPERVISOR)

[redacted]

UNITED AIR LINES

Stapleton International Airport, Denver, Colorado 80207

March 11th, 1968

Captain [redacted]
Corporate [redacted]
Martin Marietta Corporation
Baltimore, Maryland 21203

Dear Capt[redacted]

I am writing in regard to your sighting dated Feb. 3rd, 1968 at 0345 Z.

This is to advise you that your report has been sent to the recognized agencies responsible for research into unidentifiable objects that are apparently in flight. As soon as we have received word on your report, it will be forwarded to you.

Thank you very much for your report. I hope to hear from you again if you should have occasion to report anything in the future.

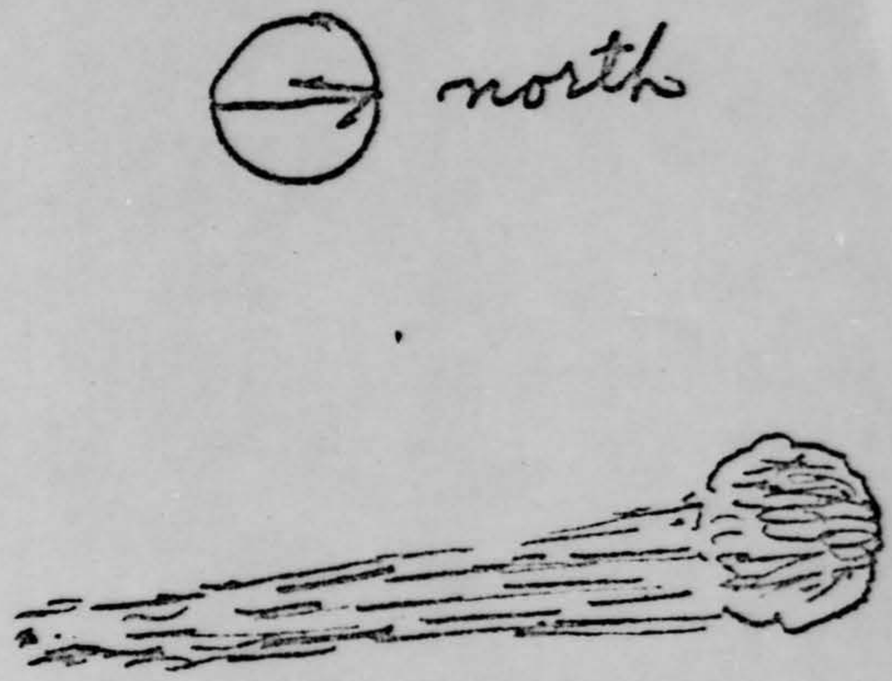
Most sincerely yours,

[redacted]
Volunteer Flight Officer Network

PS.
For your information, the above "recognized agencies" are listed below, in case one of them has a question or two to ask of you:

Dr. J. Allen Hynek, Northwestern University
Dr. James E. McDonald, University of Arizona
Mr. Robert J. Low, University of Colorado
Dr. Gordon Patterson, University of Toronto
Mr. Gordon Lore, NICAP

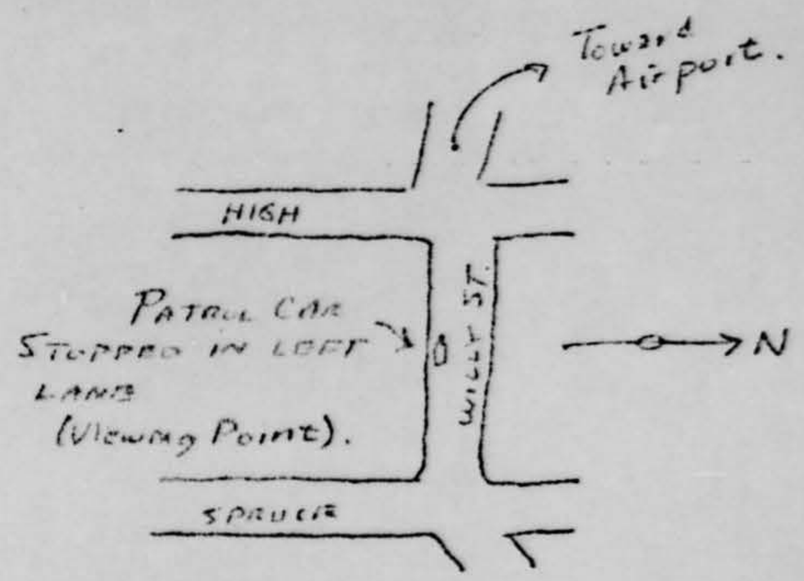
Sketch by Sergeant George Katchur of
Morgantown City Police Force
(March 5, 1968)
Objects seen at 9:46 PM, Sunday,
March 3, 1968, from left lane
of Willy Street about half way
between Spruce and High.



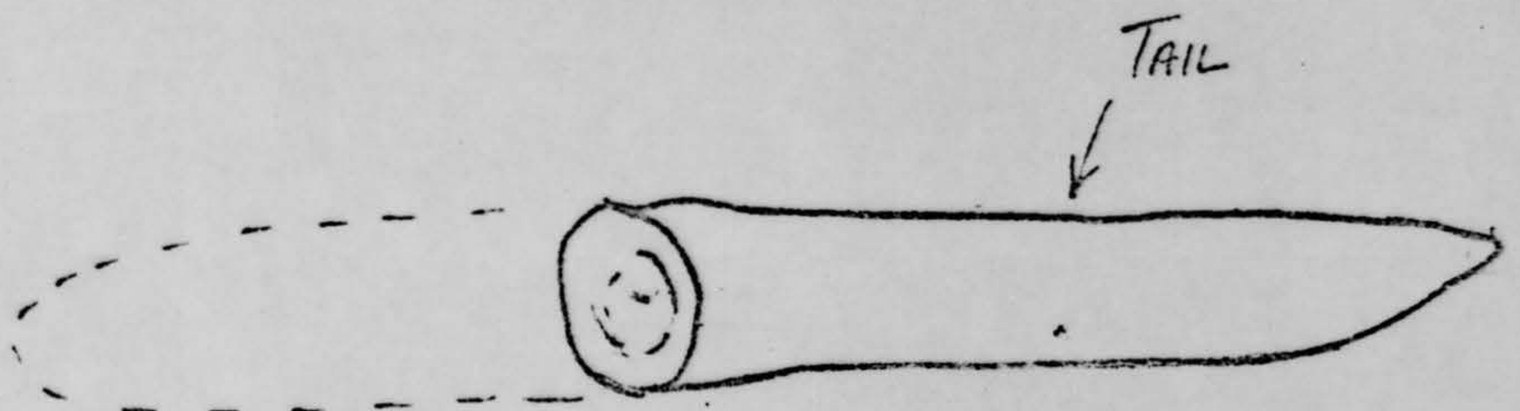
All of uniform (same) size.
Relative distances between objects invarient.
Heads were a marked orange (somewhat darker
than the moon).

Estimated to be moving at about 800 miles per hour.
Estimation based on observations of airliners seen
daily as they come in and leave the local air port.

Sergeant Katchur estimated
that objects were about
sixty-degrees above his
horizon from his position
on Willy.



Rough sketch by Mr. [redacted]
Depicts description given to him by a pilot of a Beachcraft in flight at time of sighting. Time was shortly after 2:55 GMT.



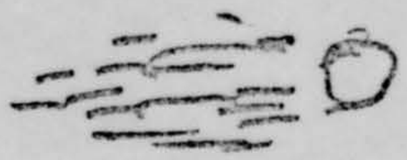
Pilot stated that it looked like four rockets would look if moving parallel to earth's surface. Orange ball suggested motor end of rocket. Dotted lines merely suggest idea of such an imaginary rocket.

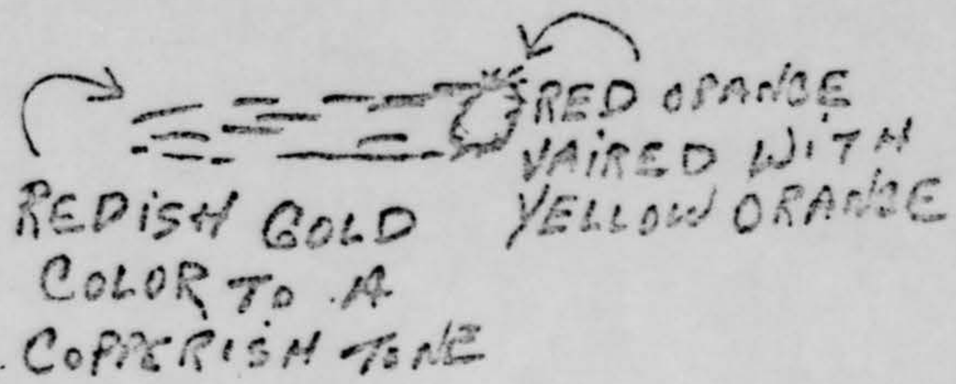
Pilot was impressed by the white brilliance of the tails to the four objects. Estimated that each was about one-half a mile in length.

Beechcraft was Westbound and 18 miles West of Morgantown. Pilot estimated their altitude as being in the neighborhood of 30,000 feet. They were moving at a very high speed.

Sketch by Desk Sergeant William Musgrave
of Morgantown Police Force.
(Objects seen simultaneously with Sergeant
Katchur on Willy. Sunday, March 3, 1968,
at 9:46 PM).

Objects viewed for a few fleeting seconds
from Headquarters Room of Morgantown
Police Department.





Headquarters Room is one floor
above Fayette Street which
runs East and West. Two windows
in office face North. View
obstructed by down town buildings.
View of sky is somewhat restricted.

T A B " B "

M E M O ' S F O R T H E R E C O R D

1 Basic Memo

2 University of Colorado

3. Indiana

4 KENTUCKY

5 MASSACHUSETTS

6 NEW YORK

7 OHIO

8 PENNSYLVANIA

9 TENNESSEE

10 WEST VIRGINIA

((3 MAR 68

Additional information on the 3 March 1968 satellite decay observations were forwarded to Dr. J. Allen Hynek on 10 June 1968 for his information

3 Mar 68

TEXT (U/O) Lt Col Quintanilla/70916/mhs/15 May 68

Request for UFO Case Files

Dr. J. Allen Hynek

Reference your request for specific UFO cases. These reports have been reproduced and are attached; they are for your comments or information. The case of 3 March 1968, from [redacted] is for [redacted]

DATE	LOCATION	ACTION
4 Jan 49	Holman Field, Hawaii	Comments or Info
13 Oct 67	Caldwell, Iowa	Info
6 Feb 68	Fayetteville, North Carolina	Comments or Info
3 Mar 68	Nashville, Tennessee	Info
6 Mar 68	Amarillo, Texas	Comments or Info
19 Apr 67	El Cajon, California	Comments or Info

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

6 Atch
s/s

~~FOR OFFICIAL USE ONLY~~

R7C

Weekly Staff Report Item 12 March 1968

Subj: Satellite Decay

On March 3, 1968, between 9:45 and 9:50 pm, EST, numerous observers in the Indiana, Kentucky, Ohio, West Virginia and Pennsylvania area sighted several whitish to bluish white lights that appeared to have orangish-red tails. The majority of the reports were caused by portions of the recent Soviet probe ZOND-4. The objects appear to have passed between Pittsburgh and New Castle, Pennsylvania on an approximate northeast heading. The Aerial Phenomena Office is currently contacting airports, air bases, and police departments in Pennsylvania, New York, and Massachusetts in the hopes of receiving UFO reports that will lead to the retrieval of this space debris.

TDPT (UFO) / 6010212 / Maj H Quintanilla, Jr / 70916
[redacted] / 72206

COORDINATION: H. Quintanilla, Jr 12 Mar 68
Maj H Quintanilla, Jr TDPT(UFO) date

Mr. E. K. McDavid TDPSX date

TDPT date

R7C

~~FOR OFFICIAL USE ONLY~~

169

MEMO FOR RECORD

4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]

TIME: 945 or 950

DURATION: 40 to 45 Seconds. Driving East on Dorothy Lane. Object went Northeast. Yellowish orange. Triangle formation. One up front and two in rear. Seemed to leave a trail of light behind.

FIRST SAW: East at about 80 degree elevation. This seemed to decrease as they went Northeast.

LAST SAW: Faded out before they got to the horizon.

INTENSITY: Because of the amber color, they weren't all that bright. The tapering light to the posterior was the strange part.

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]

Time: between 9:4[redacted] and 9:50 pm
Noise: no noise
Object: Thought SAC plane, two lights in front and one behind. Later thought maybe, 3 jet fighters. "Looked as if there was light trailing along behind".
FIRST SEEN: Driving east on [redacted] Lane. Not extremely high.
LAST SEEN: NE does not know if went below horizon.
BRIGHTNESS AND COLOR: Yellow orange, quite bright.

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]
Lakeview, Ohio 43331

Time: 9:30 to 10:00 pm, thought 9:48 pm.
Duration: 30 seconds to 1 minute
Type Obser.: Observer was in his car headed East.
Object: three white lights that had white tails.
Course: South to North moving slow and descending toward the ground.
First seen: 45 degs above the horizon in the south.
Last seen: 15 to 20 degs in the North. (it went behind some buildings)
General Description: One object was staggared behind the first. The third object was about 3 times the separation of the first two and behind so that the tail of the first just about touched the 3rd.
Intensity: The object was about as bright as the North Star. The objects were about the size of a star and behind then they had a tail.

(1135)

FLIGHT CREW MEMBER REPORT FORM

for LONG. 087°15' W. } APPROX.
LAT. 39°25'N. }

SATELLITE RE-ENTRY OR BRIGHT FIREBALL

in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

---

1. Airline/flight MARTIN COMPANY 2. Date FEB-3-68 3. Time 0345 Z
Please indicate whether date and time are local or Greenwich mean time.

4. Location (longitude/latitude, or DME and radial reading from a VOR only)
8 BEAM HUF

5. Plane heading magnetic 087° 6. Altitude 33,000

7. Crew names and addresses witnessing event (please print)

[redacted]
BALTIMORE, MARYLAND 21203

8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted SEE ATTACHED

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted SEE ATTACHED

10. Apparent brightness: A. Too bright to look at
B. As bright as full moon
C. As bright as Venus

11. Duration of sighting 40 TO 50 SECONDS

12. Break up noted and/or color noted SEE ATTACHED
Was this a predicted re-entry? _____yes _____no

Please list further descriptive information on the reverse side.

Date: MARCH 7TH, 1968

Signature

If, for any reason, you wish not to be identified with whatever sighting you made, please indicate so underneath your signature. Please mail to:

H. E. Roth, Director
Smithsonian Moonwatch Team, Denver
C/O United Air Lines Flight Training Center
Stapleton International Airport
Denver, Colorado 80207 U.S.A.

(Near Aberland Ohio

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]

TIME: 945 PM

DURATION: 1 Minute.

DISCRIPTION: Thought it looked like something burning up in space, three main objects in formation, however, I think there was something within the object, could only see the fire trails, yellow orange. I didn't see them come across the horizon, I stopped the car and got out, watched it before it disappeared over the horizon. The object seemed to be coming in from the atmosphere but it didn't lose any aititude. They were in formation, one out in front of the other. This is what caused me to look more closely because of the fire, it was huge, trailes of fire were huge, they kept a constant speed. Thought it looked like a burn in. I was about 20 miles from Cleveland.

FIRST SAW: 30 - 45 degrees elevation, traveled in an easterly direction.

MEMO FOR RECORD

SUBJECT: UFO Observation, 3 March 1968 (2145 EST)

Between Ft Wayne and Columbus

[redacted]

The Major was flying at about 6000 ft headed SE between Fort Wayne and Columbus. The object appeared to his right and passed in front of his craft.

Duration: only a few seconds

Color: pretty much a white color similar to fuel being jettisoned. Was about 70 to 80 deg above the horizon and was seen in the SE skies.

Comments: very reliable reports.

((Columbus Ohio

MEMO FOR RECORD 8 March 1968

SBUJECT: UFO Observation, 3 March 1968

Called; Lockborne AFB
Base Operations
987-4595

Talked to Sgt McGlocklin who said that they had received numerous reports. He connected me with Major Connelly who was flying from Ft Wayne to Columbus and saw them (see separate report under Ft Wayne). Also put me in contact with:

TSgt Bossler
1747 Pine St
Lockborne AFB, 43217
Phone: 491-4703

Time: about 9:45

Duration: 3-5 seconds

Course: NE

First seen: at angle alevation of about 60 to 70 degs as it dropped below cab of control tower NE of the base.

Disappeared: disappeared before it got to the horizon.

Comments: Although the observer did not see it until it dropped below level of tower cab. He thought it would have passed North of Lockborne AFB and South of Columbus. G.C. A. at Lockborne and Port Columbus tried radar but did not paint the objects.

Also said that Port Columbus reported at that time that a couple of pilots (in flight) reported the objects. Previously to this conversation that I had with Sgt Bossler I talked to Columbus Control Twer and they stated at that time that they had received no reports.

MEMO FOR RECORD

8 March 1968
1400 hrs

SUBJECT: UFO Observation, 3 March 1968

Called: Massillon State Police (Ohio)
Phone: 216-833-1055

Two patrolmen sighted the objects several other people who called in but there is not any name or address in the Log.

MEMO FOR THE RECORD 4 March 1968

SUBJECT: UFO OBSERVATION, 3 March 1968

Mr [redacted] saw a UFO and said he didn't know how to describe it. It seemed to be "V" shaped, like three jets in formation, I didn't think it was jets because the last two were two close together, left a stream of smoke across the sky. Was sitting in a drive in theater on Rt 49 at the time of the observation. Object was going West to East. I didn't think much of the observation until I heard about it this morning. Saw it for about fifteen seconds, quite high, couldn't estimate altitude, and couldn't describe the object. When it started overhead I saw it.

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted], Ohio 44035

Wants NICAP's Address

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]e, Ohio

Time: 9:47
Duration: 20 to 25 seconds, appeared in SW and disappeared to NE.
Definite disk shaped. Called FAA at overhand.

Wanted to come on base to deliver his written report. I asked him if he would send it to us but he did not want to. Will cal back.

MEMO FOR RECORD

16 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]

Three objects were seen heading NNE. Observation lasted for 2 minutes. Elevation of the object was even with the horizon. Objects had very long tails.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

MAR 4 1968

REPLY TO ATTN OF: TDPT/UFO

SUBJECT: UFO Observation, 3 Mar 1968

TO: [redacted]

Reference your recent unidentified flying object sighting which you reported to the Air Force. The information which we have received is not sufficient for a scientific investigation. Request you complete the attached AF Form 117 and return it in the self-addressed envelope. Thank you for reporting your observation to the Air Force.

JAMES C. MANATT, Colonel, USAF
Director of Production

1 Atch
AF Form 117

234

MEMO FOR RECORD

SUBJECT: UFO Observation, 3 March 1968

[redacted]roana, Ohio

Time: 9:45 PM

Course: NE

Trajectory: Objects passed South of the City at About elevation of 20 degrees.

Disappeared: just vanished rather than going over the horizon.

Number: 3 objects (fiery)

AA FORM OF-27H
PRINTED IN U.S.A.

CAPTAIN'S IRREGULARITY REPORT

DATE THIS REPORT 3-4-68

FLIGHT NO. 327 ORIGINATING STATION JFK DATE ORIGINATED 3-3-68 AIRPLANE TYPE B707 FAA NO. N-

EMERGENCY DECISION ☐ OVERWEIGHT LANDING ☐ ENGINE OUT ☐ DEVIATION FROM REGS ☐ DUMPING FUEL ☐ OTHER ☒

Flight departed JFK at 2050 E ST. Irregularity occured at 2148 E ST. in vicinity of
SLATE HILL, PA
80 EAST of SLT on 187° Radial & Heading 300° Mag. cruising —
41°30' N 77°58' W
descending ____ landing ____ Altitude 330 Flight landed CLE at 2230 E ST.

WEATHER --VFR or INST? If INST, give actual weather.

ON TOP of haze

REASON FOR IRREGULARITY AND ACTION TAKEN (give full details):

We sighted four flying objects 02482 while [redacted] 80 NM EAST of SLT, [redacted] with the Moon at 12 o'clock about 30° above the horizon. Observed by All members of the cockpit for 30 to 45 seconds, heading in a NNE direction at high Rate of speed + above 60,000 feet altitude.

ONE object Leading Three others. Each object [redacted] appeared to [redacted] bright white light w/ long Red glow TRAILING a faint Red glow similar to a short Vapor Trail.

N.Y. CENTER (133.5) Advised NO RADAR CONTACT with ANY TRAFFIC below 60,000 feet. The Three TRAILING objects disappeared first, The Leading object disappeared.

Engine failure or stoppage was reported ____ ST. to ARINC Station At ____

Complete information on back for type of equipment on which the failure or stoppage occurred.

Airplane was landed approximately ____ lbs. overweight. Dumped ____ gals./lbs. fuel.

The above action was taken in accordance with CAR and, for the reason given, was considered to be the best procedure to effec the safe conduct of the flight.

Captain [redacted]

I have reviewed the above and concur /do not concur/ with the action taken by the Captain.

Superintendent Flying ____ Date ____

Manager Flying ____ Date ____

I concur with the action taken by the Captain.

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]

Time: 12 till 10 pm

Place: driving west on 70. Two (2) miles East of Enon Road.

Duration: 1 minutes or 1½ minute

Objects: Could not see actual object. Could see trail behind them. Trail of sparks behind. Approaching from the West, and was south of 70.

Course: Almost due East. Lead piece was bluish-white when first seen. Later had a long fiery tail.

Intensity: quite bright. Faded as it went East.

First seen: 30 degs above horizon, 255 degs azimuth.

Last seen: about 30 degs above horizon. Faded because of lights, as on coming cars. 105 to 110 degs azimuth.

MEMO FOR RECORD

8 March 1968
1430 hrs

SUBJECT: UFO Observation, 3 March 1968

Called: Cox Municipal Control Tower
Vandalia, Ohio
Phone: 898-4423

They have no reports for that night and no one in the tower saw it.

1437 hrs

Mrs [redacted]

From W to NE passed North of observer. On N. Union Road, between Shilow Springs Road and Westbrook Road.

MEMO FOR RECORD

8 March 1968
1420 hrs

SUBJECT: UFO Observation, 3 March 1968

Called: Warren, Ohio State Police
Phone: 216-898-2311

They have no records of UFO reports or compaints on the 3rd.

MEMO FOR THE RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

D[redacted] saw an object at 951 pm for 75-85 second, it seemed much longer but it probably wasn't. She made sketches of the object. Saw it through field glasses and when it was looking up it first appeared like a meteor or comet. I always take my field glasses along when I let the dog out. Saw one object and it was coming straight down at 80 deg arc, was rapid speed but then as it got closer to the horizon it slowed down, then it suddenly became three. It was not a falling star because of the colors. Orange-white-red-orange. Similar to the color of the sun. They flew in a perfect military formation. The object was flat and the bottom part had a protrusion, moved very slowly in a NNE direction. I have four college degrees and I'm not nuts, I teach science. I was afraid of getting the camera for fear I would lose the object and I want the objects to come and see us. There were no sparks, just a vivid red-orange tail. Coming straight down and disappeared behind a house. [redacted] flashed a flashlight at theobject in morse code, SSS and then again four times to the object. Also her dog is afraid of the cold and so he crawled behind the garbage cans and layed down and whined. D[redacted] wanted to fill out a form and send her sightings to us.

D[redacted]
[redacted]
Worthington, Ohio 43085

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDPI/UFO

MAR 4 1968

SUBJECT: UFO Observation, 3 Mar 1968

TO:

Dr [redacted]
Worthington, Ohio 43085

Reference your recent unidentified flying object sighting which you reported to the Air Force. The information which we have received is not sufficient for a scientific investigation. Request you complete the attached AF Form 117 and return it in the self-addressed envelope. Thank you for reporting your observation to the Air Force.

JAMES C. MANATT, Colonel, USAF
Director of Production

1 Atch
AF Form 117

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

Major Sutherland
FDCL 54607

No.: three(3) objects
Time: About 9:15
Course: going East
Duration: 30 seconds
Elevation: 30 to 46 deg above horizon at hightest point
Descritption: white orange objects, taporing into an orange tail.

Form 117 sent 4 March 1968

MEMO FOR RECORD 4 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted]

Time: 9:50 pm EST, three (3) objects looked like 3 aircraft.
Duration: 15 seconds. When first seen they were in the SSW or SW and about 45 degs elevation. Last seen at 20 degs elevation going roughtly east. The object turned slightly.
Color: Orange-red tail. The streak at arms length appeared to be 1 to 1½ inches long.

((Springfield

MEMO FOR RECORD 8 March 1968

SUBJECT: UFO Observation,

M[redacted]as heading East in Miami County, on [redacted]rove Road. The object appeared to be almost straight ahead of him, just slightly to the left, object going NNE, thought the object was going over Springfield, Ohio. Thought maybe it was a jet with afterburners. Will complete AFForm 117 so we can get exact direction.

Mr. [redacted]

2nd

MEMO FOR THE RECORD 4 March 1968

Subject; UFO Observation, 3 March 1968

Mr [redacted]
[redacted], Ohio

Mr. [redacted] observed an unidentified object last night, 3 March, at 945 pm. Observed it for two minutes or less. There was either one or three objects or lights which were putting off sparks, traveling west to east. Mr [redacted] wanted to complete an AF Form 117 and forward it to the office since he was at work and couldn't hear very well over the phone and felt he could better describe his observation on paper.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDPT (UFO)

MAR 4 1968

SUBJECT: UFO Observation, 3 Mar 1968

TO: Mr [redacted]
[redacted], Ohio45385

Your name has been given to the Aerial Phenomena Office (Project Blue Book) as being a witness to an unidentified flying object. If you were a witness to an UFO sighting on 3 Mar 1968 would you please complete the attached AF Form 117 and return it in the envelope provided. If you were not a witness to this sighting, would you please make a statement to this effect on the attached form. The information which you provide will be used in evaluating this observation. Thank you for your assistance in this matter.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
AF Form 117 w/envelope

(1132)

F 1

FLIGHT CREW MEMBER REPORT FORM

LONG. 071° 21' W.
for LAT. 42° 01' N.

SATELLITE RE-ENTRY OR BRIGHT FIREBALL

15° WEST M.V.

in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

---

1. Flight EASTERN 2867 2. Date 2/17/68 3. Time 0318 Z

4. Location (DME and radial reading from a VOR unless overwater) 58 NM / 078°
HFD VORTAC (HARTFORD, CONN. 41°58' N. 72°32' W.)
TRUE 230°

5. Plane heading magnetic 245° 6. Altitude 14,000

7. Crew names and addresses witnessing event CAP[redacted]
JFK

8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted 10° L + 25°

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted 5° R + 5°

10. Apparent brightness:
A. Too bright to look at _____
B. As bright as full moon BRIGHTER
C. As bright as venus _____

11. Duration of sighting 4-5 SECONDS

12. Break up noted and/or color noted YELLOW TO GREENISH AS FADING AWAY

Was this a predicted re-entry? _____ yes _____ no

To list additional information, please use the reverse side.

Date: 2-17-67

[redacted]
Signature

If, for any reason, you wish not to be identified with whatever sighting you made, please indicate so underneath you signature. Please mail to:

Mr. Herbert E. Roth
Smithsonian Moonwatch Team Director
C/O United Air Lines Flight Training Center
Stapleton International Airport
Denver, Colorado 80207 U. S. A.

((Youngs Town Ohio

MEMO FOR RECORD 9 March 1968
1005 hrs

SUBJECT: UFO Observation, 3 March 1968

Youngtown, Ohio

Called: [redacted]ve
Maryland
[redacted]6

Time: 9:45 pm

Place: 100 ft south of Yonngtown, Ohio Tower

Duration: 1 to 2 minutes probably closer to 1

Comment: Thought that the objects passed south of the airport. The objects came from the SW and went NE. Fisst saw then at an angle of 15 or 20 degs. Could not estimate the maximum angle of elevation relavtive to the zerith because he could not see then for a while because of the roof of the aircraft.

MEMO FOR RECORD 6 March 1968

SUBJECT: UFO Observation, 3 March 1968

Youngstown Municipal Tower
Talked to the Chief Controller. United Airlines pilot of flight 6610 on 3 March viewed the objects as he was taxieing on the field. No control tower personnel saw it , however, numerous group observers also saw it but the tower did not have a record of their names.

Crew Members:

[redacted]

Pho[redacted]

Phon[redacted]

P[redacted]

247

ZOND 4 DEBRIS REENTRY OF 1968 MARCH 3

On this date at approximately 9:48 p.m., E.S.T., a rather brilliant object appeared. Being reported to one of our active A.M.S. members, Glen Wells, at University of Kentucky, Lexington, Ky., he at once had a fireball questionnaire published in a local paper. Due to this, reports came from many people. The writer at first assumed that it was a fireball with time of visibility greatly exaggerated, but as all reports showed a great duration it became evident that it was something unusual. Soon thereafter Wright Patterson Air Force Base, Ohio sent a large number of reports which had come to them. And [redacted], at Denver, Office of United Airlines, sent a number of reports from pilots. Later Professor V.D. Chamberlain, Abrams Planetarium, East Lansing, Michigan, sent several reports and a key one came from Sky and Telescope. Eventually over 60 were available from all sources. Only with this prompt and efficient assistance, which is most gratefully acknowledged, could this solution be made.

It was obvious that this case could be handled by the same methods we use for fireballs. Hence the usual chart was prepared with all stations plotted thereon and the azimuth lines to sub-beginning and sub-end points drawn. Each such solution presents its peculiar difficulties and, in this, it is that too many stations lie quite near the vertical plane of body's motion. For some it actually crossed the

zenith. Hence an excellent direction of motion and azimuth of the radiant is obtained, but determining the heights are more troublesome as few usable reports came from well to the side. Fortunately, the report from S48, Oliver Springs, Tennessee, by [redacted] of Oak Ridge National Laboratory, is most complete. His diagram shows that the object grazed Moon's lower limb. As we already had the path's azimuth this gives an excellent height near the beginning point. We were even more fortunate in that Professor J.F. Phillips, Florence State College, Florence Alabama, was using a 6-inch telescope pointed to U Persei, and had the body cross its field. This we take as the beginning point. The two corresponding heights are 74.0 km and 74.2 km respectively. We assume therefore, that H1 is 74.1 km. For the end point at S72, Hubbard, Ohio, [redacted] and [redacted] gave an excellent drawing of the path on a star map showing that it ended at E Bootis. This gives H2 as 37.6 km. The average of 5 other altitudes which seem reasonably good also gives H2 as 37.6 km. So we assume H2 was 37.6 $\pm$ 13.1 km. There were numerous other estimates of altitudes but many observers were so near the vertical plane of the path that the slightest error in azimuth would affect the heights greatly. Some even referred the path to certain stars, we take the projected path length as 1122 km. Due to the excessively small inclination the true length can be assumed as the same. It is quite possible that the body

became visible before seen at S69, and the end point is even more liable to error due to the original two bodies disintegrating into many, so persons at different distances would see a different end. However, the 1122 length and the given H1 and H2 fully define the coordinates of the atmospheric path.

Observers in general reported a practically horizontal path. Some furtherest south reported two objects and that, as the object continued on it broke into more separate pieces, until near the end it became practically a "shoal" of fragments, moving in parallel paths, many times as long as broad. No long enduring train was reported. As to brightness, it certainly was much less than full Moon, but several reported it as brighter than Venus. It showed a definite disk. There was more than usual agreement that the color was white-red.

As to the velocity in our atmosphere, we have 28 estimates running from 6 sec. to 6 min. The estimates are complicated in that some saw only part of the path, also that nobody had a stop-watch, and for durations of over 10 seconds estimated durations are subject to great errors.

About this time, I was informed that the Space Defense Center was predicting the decay of debris from Zond 4 into the atmosphere for the time and along the same ground trace as observed for the problem in question. Since the velocity would have been on the order of 5-7

km/sec no further calculations were performed. This velocity would have corresponded to a time of approximately 3 minutes which was well within limits of the actual observed time.

Dr [redacted]
American Meteor Society
Flower and Cook Observatory
University of Pennsylvania

UNIVERSITY of PENNSYLVANIA
PHILADELPHIA 19104

Flower and Cook Observatory

1968 Nov. 12

Dear Col. Quintanilla:

Since writing you in regard to a probable error in the orbit I sent you, I have given considerable thought to the matter. In fact, the corrections for curvature and zenith distance are so enormous, thatthe tables for the latter are far from accurate when the object's radiant is practically on the horizen, and the longitude distance from apex is so great,as in this case. Also what you are interested is is the path in the atmosphere. The heliocentric orbit I tried to calculate had no reality, and was indeed a waste of time. Also with corrections to radiant's position so great, in any case it would be most uncertain.

In view of these facts, I am asking that you destroy page 3 of my original paper, and substitute enclosed page 3. This will in no way make the paper of less use for your purposes , and I,on mature consideration, will feel much more comfortable when the uncertain and wholly hypothetical orbit is suppressed.

I regret troubling you with thase changes, but the present form will be much more suitable, and less likely for criticism.

Most sincerely yours,

[redacted]

American Meteor Society
521 N.Wynnewood Ave.
Narberth, P

as long as broad. No long enduring train was reported. As to brightness, it certainly was much less than full moon, and several reported it as brighter than Venus. It showed a definite disk. There was more than usual agreement that the color was white -red. More recently Wright-Patterson Air Force Base informs me that the object was the end of a Russian ZOND satellite. The usual data follow.-

Date	1968 March 3.62 G.M.T.(old style)
Sidereal time at end point	8 hours 22 min
Began over	Long. 88° 40 W, Lat. 35° 40' N at 74.1 km
Ended over	Long. 78° 30'W, Lat. 42° 00' N at 37.6 km
Projected length of path	1122 km
Duration	48.3 esc ??
Observed velocity	23 km/sec
Radiant uncorrected	Azimuth 52°, Altitude 2°

[redacted]

UNIVERSITY of PENNSYLVANIA
PHILADELPHIA 19104

Flower and Cook Observatory

1968 October 11

Dear Colonel Quintanilla;

Following my last letter of a few days ago, I have recomputed the orbit of the March 3,1968, object, putting in the curvature correction with the proper sign. Fortunately it does not change the text in any respect nor the atmospheric path, only the last 6 lines need change with data on the orbit. I will now put the figures in as they should be:

Radiant corrected a 52° h -7°

R.A. 58° Decl. -32°

Parabolic orbit: Inclination 18°

Long.Ascending node 164°

Long. Perihelion 327°

Perihelion distance 0.93 A.U.

I regret the necessity of having to ask that you make the corrections, but fortunately they are at the very end.

Sincerely yours,

[redacted]

Narberth, Pa.
19072

FLIGHT CREW MEMBER REPORT FORM

(1133)

for LONG. 086° 50' W. LAT. 41° 11' N.

SATELLITE RE-ENTRY OR BRIGHT FIREBALL

1° EAST M.V.

in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

---

1. Flight UA 7168 2. Date MAR-4-68 3. Time 0246 Z
Please indicate whether date and time are local or Greenwich mean time.

4. Location (DME and radial reading from a VOR or longitude and latitude)

75 NM WEST OF FWA ON J-64

5. Plane heading magnetic 099° TRUE 100° 6. Altitude 33,000

7. Crew names and addresses witnessing event

C/ [redacted]

8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted 30° RIGHT NEAR HORIZON

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted 10° RIGHT ON HORIZON

10. Apparent brightness: A. Too bright to look at _____
B. As bright as full moon _____
✓C. As bright as Venus MUCH BRIGHTER

11. Duration of sighting 15 SECONDS

12. Break up noted and/or color noted BRIGHT WHITE CENTER, REDDISH ORANGE OUTER SHELL TAIL 3 TIMES THE DIAMETER OF EACH OF THE BODIES
Was this a predicted re-entry? _____yes _____no

To list additional information, please use the reverse side.

Date MARCH 5TH 1968 [redacted]
Signature

If, for any reason, you wish not to be identified with whatever sighting you made, please indicate so underneath your signature. Please mail to:

H. E. Roth - DENTK

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

Flower and Cook Observatory

1968 Oct.8

Dear Col.Qunitanilla:

This morning I was working on the July 2 fireball and was about to put the corrections for altitudes in.

To my disgust I suddenly remembered that I had put it in, with wrong sign, in the orbit I sent you, so please hold paper up until you receive the corrected orbit.

Fortunately this error I made does not affect the atmospheric path at all nor discussion of that, but as soon as you get to the astronomical path, the error changed the altitude, and this will change the coordinates of the radiant, and the parabolic orbit.

As I believe you do not plan to publish until after 1969 begins, the delay should not be serious-at least I hope not. I will try to do the recomputing within the next week or ten days and get it off to you. As said, only the astronomical part is affected, not the general discussion in the paper. Only from the radiant coordinates on, will changes be necessry.

I naturally regert this, but for some years now do all my work alone, and have no one to check what I do. This inevitably leads to some errors, which are not at once found by me.

Sincerely yours,

[redacted]

Narberth, Pa. 19072

UNIVERSITY of PENNSYLVANIA
PHILADELPHIA 19104

Flower and Cook Observatory

1968 Oct.4

Dear Col.Quintanilla:

The enclosed copy of the paper ,prepared at Wright-Patterson and based on the one I submitted, is herein returned. I caught two minor errors and inserted one comma, which makes the meaning clearer.I do not know whether my name should be inserted at top or bottom of the article, but that I leave to your discretion. Otherwise it meets with my approval.

There is one matter I left alone but will state my position. I always write Earth,Moon and Sun if with capital letters when I am treating them as astronomical bodies. If we write Venus and other planets with capitals why not? The word "the" could then be left out. In this frankly I go against American custom and follow the English which I consider more logical. In writing or rather rewriting nearly all the items dealing with astronomy for the Encyclopedia American, under two editors I put this idea across. But the next one insisted on using small letters, and as it was he who paid me,I had to unwillingly agree. He quoted American authorities and dictionaries. I admit I cared for neither.

However, your writers doubtless wish to follow American custom in the matter, and as they had changed my capitals to small letters, I did not protest.

Please do not send me any more reentry data, as I do not think it worth while to do more of them.

With regard to the July 2 fireball, the data you kindly sent me have been of greatest value. With what I already had and a new batch from Chamberlain, the solution will I hope be completed in the near future.

Your coopeation in sending fireball data has now in many cases permitted the solution of their paths and orbits and I trust it will be continued to our mutual benefit.

Very sincerely yours,

[redacted]

Narberth, Pa. 19072

P.S. Thank you not enough data on the lunar July 2 or 1968 object to d... H.

(tellite Reentry of 1968 March 3

On this date at approximately 9;48 p.m., E.S.T., a rather brilliant object appeared. Being reported to one of our active A.M.S. members, Glen Wells, at Univ. of Kentucky, Lexington, Ky., he at once had a fireball questionnaire published in a local paper. Due to this reports came from many people. The writer at first assumed that it was a fireball with time of visibility greatly exaggerated, But as all reports showed a great duration it became evident that it was something unusual. Soon thereafter Wright-Patterson Air Force Base, Ohio, sent a large number of reports which had come to them. And H.E.Roth, at Denver, Office of United Airlines, sent a number of reports from pilots. Later, [redacted] Abrams Planetarium, East Lansing, Mich., sent several reports and a key one came from Sky and Telescope. Eventually over 60 were available from all sources. Only with this prompt and efficient assistance, which is most gratefully acknowledged, could this solution be made.

It was obvious that ~~a solution~~ This case could be handled by the same methods we use for fireballs. Hence the usual chart was prepared with all stations plotted thereon and the azimuth lines to sub-beginning and sub-end points drawn. Each such solution presents its peculiar difficulties and, in this, it is that too many stations lie quite near the vertical plane of body's motion. For some it actually crossed the zenith. Hence an excellent direction of motion and azimuth of the radiant is obtained, but determining the heights are more troublesome as few usable reports come from well to the side. Fortunately, the report from S48, Oliver Springs, Tenn., by [redacted] of Oak Ridge National Laboratory, is most complete. His diagram shows that the object grazed Moon's lower limb. As we already had the path's azimuth this gives an excellent height near the beginning point. We were even more fortunate in that Prof [redacted] Florence State College, Florence, Ala., was using a 6-inch telescope

pointed to U (rsei,and had the body cross its field. This we take as the beginnin point. The two corresponding hei hts are 74.0 km and 74.2 km respectively,We assume therefore that H1 is 74.1 km. For the end point at S72,Hubbard, Ohio,J[redacted] gave an ex-
called it drawing of the path on a star map showin that it ended at ε Bootis. This gives H2 as 37.6 km. The average of 5 other altitudes which seem reasonably good also gives H2 as 37.6 km. So we assume H2 was 37.6 ~~37.1~~ km. There were numerous other estimates of altitudes but many observers were so nera the vertical plane of the path that the slightest error in azimuth would affect the heights greatly. Some even referred the path to certain stars, We take the projected path length as 1122 km. Due to the excessively small inclination the true lgth can be assumed as the same. It is quite possible that the body became visible before seen at S69,and the end point is even more liable to error due to the original two bodies disintegreting into many, so persons at different distances would see a different end. However, the 1122 length and the given H1 and H2 fully define the coordinates of the atmospheric path.

As to the velocity in our atmosphere, we have 28 estimates running from 6 sec. to 6 min. Throwing out two impossible ones of 4 and 6 min.,the average of 26 gives 76 sec. Again dropping those of under 26 and over 90 sec.,13 estimates give 63 sec. Using the unusually full reports from S69 50 sec., S48 45 sec., and S70 50 sec., the mean would be 48.3 sec. With this the observed velocity would be 23 km/sec, and from a vector diagram, the heliocentric velocity 53 ~~km~~/sec, which is most improbable. The estimates are complicated in that some saw only part of the path,also that nobody had a stop-watch, and for durations of over 10 seconds estimated durations are subject to great errors.

Observers in general report a practically horizontal path. Some furthest south report two objects and that, as the object conti ued on it broke into more separate pieces, until near the end it became practically a "shoal" of fragments, moving in parallel paths, many times,

as long as blood. No long enduring train was reported. As to brightness, it certainly was much less than full Moon, but several reported it as brighter than Venus. It showed a definite disk. There was more than usual agreement that the color was white-red. More recently Wright-Patterson Air Force Base informes me that the object was the end of a Russian ZOND satellite.

Though obviously the object did not have a heliocentric orbit yet from curiosity such a parabolic one was computed. The corrections to the observed radiant are extremely large as will be seen. The orbit follows;

Date		1968 March 3.62 G.M.T.(old style)
Sidereal time at end point		12h 24m
Began over		long. 85° 40' W, lat. 35° 40' N at 74.1 km
Ended over		lo 83° 30' W, lat. 42° 00' N at 37.6 ± 13.1
Projected length of path		1122 km
Duration		48.3 sec ??
Observed velocity		23 km/sec ??
Radiant uncorrected		a 52° h + 2°
Radiant corrected		a 52° h − 13°
		R.A. 64° Decl. −36°
Parabolic orbit:	Inclination	149°
	Long. Ascending node	164°
	Long. Perihelion	138°
	Perihelion distance	0.93 A.U.

[redacted]
Nanticoke, Pa. 18072

TDPT (UFO) Lt Col Quintanilla/70916/mhs/10 Jul 68

UFO Observation, 3 March 1968

[redacted]
Marcerth, Pennsylvania 19072

Dear Dr. Olivier:

1. Thank you for your letter of 6 July 1968, regarding the 3 March 1968 UFO observations. We are looking forward to receiving your article so that we can have it printed and issued as an addendum to the Blue Book.

2. The inclosed article by Mr. [redacted] appeared in the New York Times on 2 July 1968 and is forwarded for your information.

Sincerely,

Hector Quintanilla, Jr.

HECTOR QUINTANILLA, JR., Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Newsclipping

2019

[redacted]

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

Attn. TDPT (UFO)

Flower and Cook Observatory

19[illegible] July 6

Lt.Col. Hector Quintanilla, Jr.USAF
Wright-Patterson Air Force Base,
Ohio.

Dear Col.Quintanilla:

Your letter of July 2 reached me yesterday July 5, and I am replying without delay.

Such calculations as the one of the satellite [illegible] would normally have to wait here for the preparation and publication in the 1968 Annual Report of the Am.Meteor Society. Judging from the experience of recent years, this could not appear before mid July. And there is another personal complication which might delay its appearance even more if kept here. That is that I am in my 65th year, and so my working days may come come to an end at any time, though so far I have been very fortunate.

Therefore if you can publish the article as an addendum to the Blue Book which you say would appear in March or April 1969, that would be fine. I could still use it in the 1968 Annual Report.

The actual finished article is in my desk at U. of P., and I will probably not get there until middle of next week, I being down in Philadelphia,some distance away. But then it can be mailed to you and kept there until Blue Book is prepared. Meanwhile you can use the tabular data for any purpose.

The actual sub-end point, due to the disintegration is perforce uncertain, but I consider the direction of travel very accurate as such things go. So a search or inquiries along this line might turn up some valuable information.

Thank you again for all the valuable reports received from Wright-Patterson which, among other things, made the solution in question possible.

Sincerely yours,

[redacted]

[redacted]

3 March 1968

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDPT (UFO)

SUBJECT: UFO Observation, 3 March 1968

[redacted]
Narberth, Pennsylvania 19072

1. Reference your letter of 24 June 1968, regarding the 3 Mar[illegible] 19[illegible] satellite decay observations.

2. We are very interested in your solution to the trajectory and possible impact points for the 3 March 1968 debris. However, the [illegible] edition of Blue Book will not be published until March or April 19[illegible]. It would probably be more timely to have your solution published in [illegible] of the astronomy periodicals. If it would be possible, we would appreciate your permission to use your solution as an addendum to the Blue Book and also to include part or all of it in the official [illegible] of the sighting.

3. If you would send us a draft of your calculations we [illegible] may be able to contact police and other agencies in the impact [illegible] to determine if anyone heard or saw anything that may be [illegible] us.

HECTOR QUINTANILLA, Jr; Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

UNIVERSITY of PENNSYLVANIA

1968 June 24

Flower and Cook Observatory

Lt.Col. Hector Quintanilla,
Chief Aerial Phenomena,
Wright-Patterson,AFB,Ohio.

Dear Col.Qunitanilla;

At last I have made a full solution for the atmospheric path of the 1968 March 3 object, which I have meantime been informed was the reentry of a Russian ZOND satellite.

Also for idle curiosity I have made a solution of its orbit, as if it was heliocentric.

As so many of the reports came from your office, I am wondering if you would like to publish this solution in the next Blue Book? It would be about the equivalent of some 800 words of text, at a guess.

This merely a suggestion, as such a publication may not be feasable due to regulations etc. But I thought you should have first choice.

I have nothing on the 12 April object of which you asked.

Sincerely yours,

[redacted]

[redacted]

AMERICAN METEOR SOCIETY
[redacted]
NARBERTH, PA.
1/10/72

3 Mar 68

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: TDPT (UFO)

6 JUN 1968

SUBJECT: Meteor Observations

TO: [redacted]
Narberth, Pennsylvania 19072

1. This replies to your letter of 28 May 1968. Attached is a summary on the 3 March 1968 satellite decay observations and a general plotting of the reports we received on this sighting.

2. Unfortunately, we do not have any meteor reports for 19/20 March 1968. However, if we do come across any for these dates we will immediately forward copies to you.

3. We have a UFO report for 12 April 1968, 2330 EST, from Warren, Ohio. The witness sighted several greenish-blue lights that traveled westward. They were observed for three to four seconds and were in a "V" formation. Did you receive any meteor reports for this date and time that could account for the sighting?

HECTOR QUINTANILLA, Jr., Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Data on 3 Mar 68 sighting

252

(1134)

FLIGHT CREW MEMBER REPORT FORM

LONG. 076° 13' W.
for LAT. 41° 16' N.

SATELLITE RE-ENTRY OR BRIGHT FIREBALL

10° WEST M.V.
in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

---

1. Airline/flight AAL 327 2. Date MAR-4-68 Z 3. Time 0248 Z
Please indicate whether date and time are local or Greenwich mean time.

4. Location (longitude/latitude, or DME and radial reading from a VOR only)
80 DME ON 107° RADIAL OF SLT
TRUE 290°

5. Plane heading magnetic 300° 6. Altitude 33,000

7. Crew names and addresses witnessing event (please print)
CAPT. ED McNEIL

8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted SEE ATTACHED

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted SEE ATTACHED

10. Apparent brightness: A. Too bright to look at
B. As bright as full moon
C. As bright as Venus

11. Duration of sighting 30 TO 45 SECONDS

12. Break up noted and/or color noted
Was this a predicted re-entry? ____yes ____no

Please list further descriptive information on the reverse side.

Date: MAR - 4 - 1968 C/ ED McNEIL
Signature

If, for any reason, you wish not to be identified with whatever sighting you made, please indicate so underneath your signature. Please mail to:

[redacted]
Smithsonian Moonwatch Team, Denver
C/O United Air Lines Flight Training Center
Stapleton International Airport
Denver, Colorado 80207 U.S.A.

UNIVERSITY of PENNSYLVANIA

Flower and Cook Observatory 1968-5--28

Dear Col.Quintanilla:

Very many thanks for the "Translation on Chinese Meteor Showers" which has just come and hurridly looked over. I do not have it and am most happy to add it to our A.M.S. Meteor Library. It is very interesting.

Incidentally, it is too bad that their so-called government is so hostile to us,as I am quite old enough to remember how after 1900 the U.S. was the best friend China had and gave them back all the money they paid for damages.

I have a path worked out for the March 3/4 object, on which you sent me a large file of valuable reports. But for the first time in my life I cannot off-hand decide if it was a meteor of reentry of a satellite. It came at 9:46 E.S.T. March 3. If you have a reentry listed for that date, please let me have the data. Also I am at work on the fireball of 1968 March 19/20, seen at 8:55, C.S.T. over general region long. 94 W lat. 37 N. Three reports came in from pilots, sent by Roth in Denver. Do you by chance have any Repoyt(s) on that? If so, they would be most valuable.

Again thanking you for the Chinese Translatelo,

Most sincerely yours,

[redacted]

(Benton AFS

MEMO FOR RECORD 6 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called: Benton AFS, Pa.
Hancock AFB
852-1420

Ask for sage operator and have him connect you to Benton AFS, (commerical 717-477-3101) Talked to Capt Underwood. He will call local airports and gather all information that he can.

0925 11 March 1968

Received a call from front desk at 828 requesting we call Lt Graves at Benton. Lt Graves reported that he contacted State Police Barricks at Shicks-Himmy, Wyoming Valley, and Cowanda also the Wilks-Barie Scranton Airport. None had seen ar recieved any reports on the objects.

255

(N ne Butler, Pa.

MEMO FOR THE RECORD 6 March 1968

Subj: UFO OBSERVATION, 3 March 1968

Butler State Police had one report from : [redacted]3

TIME: 950 pm

OBJECT: five lights, sparks, four small behind, one ahead.

Spoke with Mrs [redacted]'s who also observed the object. They were in a car at the time, traveling on route 38.Mrs. [redacted] said the object was to the north of them, not to the south. Object pretty high in the sky, 60 - 75 deg elevation. Didn't hear any sound. Balls of fire just seemed to disintegrated, faded out before they got to the horizon, kind of like fireworks, around 75 degrees elevation when it disappeared. She didn't know of anyone else who observed the objects.

25

(Clarion Mercer Strattonville

8 Marhc1968

MEMO FOR RECORD

SUBJECT: UFO Observation, 3 March 1968

Called
Strattonville State Police (Pennsylvania)
814-764-3211
nothing reported to then suggested we contact Franklin State police or Mercer State Police Barricks. If they (Stratton State Police) hear any thing on this sighting (3 Mar) they will call us.

Called
Mercer State Police
412-662-5210
They have nothing, will call us if they have anything. Suggested we contact the Sharon Herald or the WARRANDALE State Police Barricks, also one at DuBois.

Called Clarion Local Police:

They received no reports will contact us if they do receive any.

Clearfield Pa.

MEMO FOR RECORD

9 March 1968
1205 hrs

SUBJECT: UFO Observation, 3 March 1968

Called the State Police (Clearfield) 814-765-3111

Talked to Trooper Gonthovic. They don't keep a written log but he will check local paper and other members of police department to see if he can come up with anything. He will call back collect on Monday.

Trooper Conthovic called collect 1520, 11 March. [redacted] and local police in area and radio stations had no calls other than a story by UPI in local paper. Nothing in Clearfield Phillipsburgh Area. The Progress (Clearfield) was local paper that had the story but as mentioned before it was a UPI story.

MEMO FOR RECORD 3 April 1968

SUBJECT: Observation, 3 March 1968

Received a collect call form Trooper Acwkewicz of the Coudersport State Police Barricks. He said that a man named [redacted] from Anston, Borrow, Pennsylvania had called him to say that on the 3rd of March he was cutting trees and something passed over going roughly east and making a sound like a piece of tin thrown in the air. I asked the trooper what time Mr. [redacted] had seen (?) the object and if he had [redacted] phone number or complete address. He replied that he didn't but that if I would call back at a little after 1 he would have the information for me.

Called Coudersport State Police again Mr [redacted]

Telephone Number: [redacted] NOT satellite debris

see separate report.

23

MEMO FOR RECORD

SUBJECT: UFO Observation, 3 March 1968

Spoke with M[redacted]
Service Station, Pho[redacted], Area Code: 814.

He stated he was the Spervisor there and no one reported [redacted]
to him. The only thing he saw was what was in the local [redacted]
The local papaer is:

[redacted]
Are[redacted]

9 March 1968 1140 hrs

Called the Dubois Courier Express. There were several local [redacted]
had seen them. They had no names however. But will call if [redacted]
any.

MEMO FOR RECORD

SUBJECT: UFO Observation, 3 March 1968

Called: Port Erie Control Tower
814-833-0841

They had some reports they think but the superintendent, M[redacted] was not in and they did not have access to the log. Asked for M[redacted] to call collect when he returned.

M[redacted] called collect[redacted] who was on duty at the control tower on 3 march saw what he thought was a "shooting star" but nothing was entered in the logn at all.

[redacted]

MEMO FOR RECORD

6 March 1968
0845 hrs

SUBJECT: UFO Observation,

Called Evenburgh State Police (814-472-8500) Pennsylvania

They reported that they had not received any reports but that some were reported in the Johnstown area. There were sightings mentioned by WCRO (local Radio), WJCR (TV), and in the Johnstown Tribune Democrat.

6 March 1968 (0900)

Called Johnstown City Police who stated that they had no report. butthat the Tribune Democrat had informaation on the sighing.

0930
Called the Tribune Democrat. they recieved reports from a Doctor and his wife from Davids Ville and a policeman in Sommercrest. They could not provide names for the observers, however, Bill Aber, A tower supervisor at Pittsburg Greater Airport, saw the object and also reported that several airplanes in the area also saw the objects. The Tribune Democrat stated that they forwarded all ufo reports that they received to Dr. R Murray of Indiana Univ. of Pa. of Indiana, Pa.

MEMO FOR RECORD

7 March 1968

SUBJECT: UFO Observation, 3 March 1968

Watts line call placed 1800 hrs (Franklin Airport)

Does not have contrd tower or Flight Service Station. Did not receive any complaints at the albany airline desk but then they close at 6:00pm

(1125)

FLIGHT CREW MEMBER REPORT FORM
LONG. 079° 46' W.
for LAT. 38° 08' N.

SATELLITE RE-ENTRY OR BRIGHT FIREBALL
6° WEST M.V.
in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

---

1. Flight 487-3 2. Date MAR 3-68 MAR-4-68 0245Z 3. Time APRX 2140 EST

4. Location (DME and radial reading from a VOR or longitude and latitude)
130 MILES SOUTH AGC

5. Plane heading TRUE 059° magnetic 065° 6. Altitude 40,000

7. Crew names and addresses witnessing event CAPT [redacted]
CAPT [redacted]
[redacted]
YZ

6. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted 15° LEFT — LOW, I

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted STRAIGHT AHEAD — LOW

10. Apparent brightness: A. Too bright to look at
B. As bright as full moon 3
C. As bright as Venus

11. Duration of sighting 30 SECS OR MORE

12. Break up noted and/or color noted WHITE COMET TRAIL
Was this a predicted re-entry? ____yes ____no WHICH WAS SHUT OFF AND

To list additional information, please use the reverse side.

Date: MAR 3 68 [redacted] Signature A/C

If, for any reason, you wish not to be identified with whatever sighting you made, please indicate so underneath your signature. Please mail to: CONTINUED.

Mr. Herbert E. Roth
Smithsonian Moonwatch Team Director
C/O United Air Lines Flight Training Center
Stapleton International Airport
Denver, Colorado 80207 U.S.A.

3 A/C FLYING ALMOST HORIZONTAL, ONE SLIGHTLY AHEAD OF OTHER 2.

((Franklin

MEMO FOR THE RECORD

UFO SIGHTING OF # 3 MAR. 68

MORNING I April 68

Called the Franklin City Police (432-2I9I) and talked to Capt. Harley Lyttle. They had no reports but will contact us iv they do get any. He stated that there was a story in the Local Paper on the sighting he thought. Suggested I contact the Franklin News Herold (432-3I4I) and check.

Called the Herold and talked to [redacted] in the news dept. She is going to check and call back if they have anything.

MEMO FOR RECORD

6 March 1968

SUBJECT: UFO Observation, 3 March 1968

Franklin State Police Barricks (814-432-4223)

To call back after he has researched the files. Sgt Barardie called back to say that they had one call but that they did not take the mans name.

((Harrisburg Pa.

MEMO FOR RECORD 6 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called Harrisburg Pa. Control Twer, James Flannering (Tower Chief) nothing in logs on any UFO reports.

Called Martinsburg:
Airport Control Tower (793-3113)
They received a telephone call from a woman in Geeseytown, South of Altoona). They did not take down her name but refered her to McGuire AFB.

(Indiana, Pa.

MEMO FOR RECORD 9 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called: [redacted]

The only real report that he received was from one of his students.

[redacted]

Home Phone: [redacted]
Work
Indiana, Pa.

Time: little before 10:00 pm

Duration: 5 - 8 seconds

Direction: NW to NE

Location: 5 miles North of Indiana. Passed North of Position.

Elevation: higher than moon. About 30 degs elevation.

Disappeared: just disappeared

Objects: 2 and seconds one broke into 2 pieces. Seemed that sparks were flying off.

Noise: None

Occupation: Chem Teacher (very reliable)

20.7

Kane

MEMO FOR THE RECORD

MORNING OF I APRIL 68

Called the Kane City Police Dept. (837-6300) and talked to Chief Elmer Jones. He had no reports but will contact us if he does get any. He said he would contact the local paper, the Kane Republican to see if they wanted to print a story.

Called the Kane Pepublican and talked to Mr. Cliff, the editor. He said he would run a story tomorrow, 2 April, and request any one having seen, heard or found the object to contact this office. He said he thought that several people in the area had seen the objects. In particular he knew of one attorney that had seen it and he would have the attorney write to us.

[redacted]

DCL

[redacted]

MEMO FOR RECORD

3 April 1968

SUBJECT: Observation, 3 March 1968

Called M[redacted]of the Kane Republican. He will send us a copy of the article that he had in the paper. He also gave the name and telephone number of the attorney as:

Mr [redacted]
Offi[redacted]
Home: [redacted]

(KITTANNING, PA. (

MEMO FOR RECORD (9 March 1968)

SUBJECT: UFO Observation, 3 March 1968

Kittanning, Pa.

Called: Kittanning Burrow Police Dept
412-542-2581

[redacted]

They do not keep a log but none of the policemen saw sighting. He thought that,

Mr [redacted]

had seen it.

Time: about 10:00 pm plus or minus 5 minutes

Duration: 2 - 3 minutes

Direction: NNE

Objects: 4 objects, the ones in the rear could not be seen clearly because of the vapor trail or smoke trail of of the front ones.

Noise: none

Location: 1 mile NE of Kittanning

Trajectory: Although he did not seem to sure, it appearently passed North of Kittanning. He estimated the elevation at about 30 degs. He stated that the object seemed to incline rather than decline in elevation.

Disappeared: Objects disappeared behind some woods.

Comments: Someone in Vandergrift is supposed to have seen it too.

270

(LOCK HAVEN, PA

MEMO FOR RECORD

8 March 1968

SUBJECT: UFO Observation, 3 March 1968

1025 AM

[redacted]

No reports received at that station

1030 AM

Tri State Airport
(near Phillipsburgh, Pa.)
Slight Service Station
814-342-0830

No reports recieved at that station. Local paper carried a story but it was released by the UPI. Stated that Middletown, Allentown, and Erie have Control Tower.

MEMO FOR RECORD 6 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called: [redacted]
American Meteor Society
[redacted]

Observatories would not see the object for they work in the inside of the dome. [redacted] received reports of meteors for Sunday nite, 3 March 1968. He said there was no reason to think they weren't meteors. The following saw the object:

[redacted]

She saw three (3) objects in Worthington, Ohio at 9:45 PM.

[redacted] will send us more addresses if he gets any more reports. We will sen him copies of some of our reports. Told him we had a couple from Pennsylvania.

MEMO FOR RECORD

5 March 1968

SUBJECT: UFO Observation, 3 March 1968

New Castle, Pa

Called State Police (412-658-5575)
They had no reports about the sighting. Called city plice and they also had no reports(except for a few phone calls but no name or number was recoreded) but thought the New Castle News might have more information on the sighting.

Called John Manna of The News Castle News. They have one report from [redacted] Asked if he had any more sightings on this 3 March report to call us collect.

[redacted]

Duration of sighting: 50 seconds
Time: 9:45 pm
Object seemed to come straight down. Looked like a piece of burning magnesium. Object was traveling from SW to NE in pretty much of a straight line. As soon as it hit the horizon it vanished. It disappeared above the horizon. Object had a definite formation. Objects were heading in a straight line. One object was leading and later 4 followed. Further East looked like 6 objects. (including smaller bodies) Three or four bright ones quite large were seen. Objects appeared as 2 groups, but quite close, when overhead at about 80 deges. elevation to the South and when it disappeared to the East it was about 30 degs high. Objects passed over the Church of the Nazerine on Cunning Avenue. Pastor and his wife saw the objects. At one point one seemed to pass the other. From the SW they were first seen at an elevation of about 50 degrees. Brighter than the star Venus. Much bigger and brighter than Venus.
Color: same color as burning magnesium

[redacted]

MEMO FOR THE RECORD 4 March 1968

SUBJECT: UFO OBSERVATION, 3 March 1968

Captain Morris, Wright-Field Duty Officer, of 3-4 March 1968 called UFO Office and informed us that he had received several reports of UFOs yesterday evening, 3 March 1968. He had the names and phone numbers of a few of the witnesses, however, others were informed to call either the Duty Officer or the UFO section during duty hours. Captain Morris had checked with radar and there was nothing on radar at the time of the observation. He did hear that the Dayton Municipal Tower Operator saw the object. Basically, the following descriptions were given to him. Three objects in a "V" or arrow shape, all three trailing fire like some kind of afterburner, no noise, thought it was at approximately 8,000 ft alt, going south to north, 945pm and duration was seconds. The following names were provied:

[redacted] NC

Mrs. [redacted]

Sgt McNalley, Air National Guard, Springfield, Ohio

[redacted]

3 L P

(1126)

FLIGHT CREW MEMBER REPORT FORM.
LONG. 079° 21' W.
for LAT. 44° 03' N.

SATELLITE RE-ENTRY OR BRIGHT FIREBALL
8° WEST M.V.

in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

---

A/C
1. Flight 457-3 2. Date MAR 3/68 MAR-4-68 0248Z 3. Time 21:48 EST

4. Location (DME and radial reading from a VOR or longitude and latitude)

25 MILES NE OF [illegible] 055° RADIAL

5. Plane heading magnetic TRUE 207° 215° 6. Altitude 4000 FT

7. Crew names and addresses witnessing event

CRES. [redacted]

8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted 10° RIGHT 20° ELEV

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted 20° LEFT 20° ELEV

10. Apparent brightness: A. Too bright to look at
B. As bright as full moon
C. As bright as Venus NOT AS BRIGHT

11. Duration of sighting APPROX 1 MINUTE

12. Break up noted and/or color noted —
Was this a predicted re-entry? ____yes ____no

To list additional information, please use the reverse side.

Date: MAR 3/68 [redacted]
Signature

If, for any reason, you wish not to be identified with whatever sighting you made, please indicate so underneath your signature. Please mail to:

Mr. Herbert E. Roth
Smithsonian Moonwatch Team Director
C/O United Air Lines Flight Training Center
Stapleton International Airport
Denver, Colorado 80207 U.S.A.

MEMO FOR THE RECORD

5 March 1968

Subject: UFO Observation, 3 March 1968

Conversation with Greater Pittsburgh Airport, Office of Information, indicated that: Mr. [redacted] Pennsylvania had observed an unidentified flying object on the night of 3 March 1968. The following brief description was given: Three lines of fire with ill defined edges, speed of jet and at thr horizon broke and up and disappeared at the horizon at 2145 hours. Three long lines of fire traveling NNE. Pittsburgh said that this gentleman had worked in control towers previously and was sure his description was accurate. [redacted] ce phone [redacted] xtension [redacted]

On 5 March 1968 we attempted to contact Mr. [redacted], however, he was not in and will call us on 6 March.

On 6 March 1968 Mr. [redacted] called the Aerial Phenomena Office. He saw the object on the night of 3 March 1968 at approximately 945 pm. [redacted] lives near upper St. Clair, Mt Lebanon, which is a suburb on the southside of Pittsburgh. Mr. [redacted] said that at first there were three objects, the one broke into two making a total of four objects, the objects were flam colored, like a bright flame. They were heading from the south to north, mainly NNE. Was facing south at the time and the objects were south of him. The objects came pretty well out of the SSW. Mr. [redacted] first noticed the objects and they were like small lights and he thought they were possibly exhaust but then they became elongated so that he didn't think they could be an afterburner or the exhaust like that which comes from a DC-7. Seemed like the main ones tail could cover the length of a mile. The objects didn't pass overhead, passed south of his position at about a 45 deg angle. They almost blocked out the two bottom stars of Casapera. When the objects disappeared in the north they were flying almost in perfect echelon. Had a very flat trajectory. When the front one broke into two the others more or less semed to shorten, break up and disappear. It disappeared at an elevation that Mr. [redacted] could have seen them for a while if they would have continued. The visibility was excellent that night. Mr. [redacted] had been a control tower operator previously. Lt Marano told him that he thought Mr. [redacted] observed a satellite decay.

(Pittsburgh Pa.

MEMO FOR RECORD

6 March 1968

SUBJECT: UFO Observation

AV: 936-3351 Ex: 275

Talked to Mr [redacted] and asked him to get the names of all the people who had seen it from the Control Tower and to find out what side of the city, the object passed (North or South), the angular elevation of the object; and how they disappeared.

1430 hrs, 7 March called Mr [redacted] in Pittsburg but Mr Reheur answered and said he was working on case. He had two names I did not have.

[redacted]

and [redacted]

I asked to check the Pittsburg tower since I knew Mr [redacted] had also seen the objects. To see if they had tried to paint the object with radar and to find out if they objects passed to the North or South of the city. Mr [redacted] gave me the name and address of the Army Base nearby.

Army Base:

Oakdale Army Installation
662 Radar Sq.
Oakdale, Pa.
412-276-5800 Ex: 564
Lt Cash Ex: 563

1520 hrs, Called Oakdale Army Inst. (412-276-5800 Ex: 398) Capt Stevenson, Nothing on Radar at their installation but they did receive report[redacted]m:

[redacted]

1530 hrs, calle[redacted] but he was not home. His wife answered, the phone but she had not seen the object and could give no information.

1540 hrs, Oakdale Army Inst., called to give us the names of some additional witnesses:

[redacted]

CONT'D

[redacted]

Pitts.

MEMO FOR RECORD 9 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called; [redacted]

Time: about 9:30 p[redacted]

Duration: about 5 minutes

Direction: Thinks North

Location of Observer: Northside Pittsburgh

Trajectory: doesn't known if it passed east or west of her position. Does not know angular elevation.

Disappeared: At first there appeared to be 2 objects then she could see 3 quite plainly. The rear object just disappeared and the front 2 went behind some buildings and she could not see then anymore.

Portsmouth

MEMO FOR RECORD

9 March 1968
0945 hrs

SUBJECT: UFO Observation, 3 March 1968 (2145 pm)

Portsmouth Airport did not answer. City Police - There was no one who could looke in the log. Suggested that I call back Monday.

Highway Patrol: no reports

((Punxsutawney

MEMO FOR THE RECORD

Called Punxsutawney State Police (District Headquarters)
938-6060 and talked to Sgt. Sedasky. He said they had not received
any reports but will contact us if they do.
He gave a list of other State Police Barricks that I had not
contacted to this date, morning 1 April, that might be of help
to us.

[redacted]

[redacted]

He also suggested that we might want to contact the Regimental
Headquarters in Harrisburgh 717-234-4051

Ridgeway

MEMO FOR RECORD 9 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called: Ridgeway City Police
Ridgeway, Pa.
Phone: 814-773-5125

They did not have any reports for the 3rd of March but they will call us if they hear of any one who saw fiery objects or heard a thunderdap at about 10:00 pn on the 3rd of March.

They have a local paper called The Ridgeway Record, 773-3161. They had complaints of a thunderclap Friday (?) about 0300 AM but thought it was SAC planes which were operating in the area.

ST. Mary , PA.

MEMO FOR RECORD

9 March 1968
1200 hrs

SUBJECT: UFO Observation, 3 March 1968

Called St Mary's Police Dept, (814-834-6800). No one at the Plice station atthis time. St Mary's Hospital emergency ward of Pdice dept. (?)

Afternoon 9 March 1968

Called St Mary's' Police Dept again. They have no reports for 3rd. Only one for sonic booms on the evening of 7th (?) at about 3:00 AM.

(Summerset

MEMO FOR RECORD

6 March 1968
1020 hrs

SUBJECT: UFO Observation, 3 March 1968

Called: Summerset Police Dept

The [redacted] the UFOs name is :

[redacted] St

[redacted]

His report is as follows:

Time: about 10:00pm

Duration: 12 to 15 seconds

Location: Summerset, Pa.
He was traveling West and the objects were west of him. He felt that the objects were North of Summerset going East or NE.

Elevation: thought the objects was at a low angular elevation but was not sure and could not give any type of minus or maximum.

Other witness:

[redacted]

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Verona

MEMO FOR RECORD

9 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called: [redacted]

Phone: [redacted]

Note: Send [redacted] Form 117, he will give us nore information.

Time: between 9:45 and 9:50 pn EST

Course: NE

Duration: 18 to 25 seconds

Noise: None

Location of Observer: (roughly) intersection of Verona Road and Saltsburgh Road.

Object: Covered 120 degrees of arc. Were greenish to pale blue at the head. Tails appeared as metalic sparks, orange in color. There were definitely 3 objects, possilbe 4

Disappeared: toward New Kensington

Trajectory: passed almost overhead. First seen at about 80 degs elevation. Dbserver stated they definitely passed North of his position.

AA FORM OF-27H
PRINTED IN U.S.A.

CAPTAIN'S IRREGULARITY REPORT

DATE THIS REPORT 3-4-68

FLIGHT NO. 387 ORIGINATING STATION JFK DATE ORIGINATED 3-3-68 AIRPLANE TYPE B707 FAA NO. N--

EMERGENCY DECISION ☐ OVERWEIGHT LANDING ☐ ENGINE OUT ☐ DEVIATION FROM REGS ☐ DUMPING FUEL ☐ OTHER ☒

Flight departed JFK at 2050 E ST. Irregularity occured at 2148 E ST. in vicinity of 80 East of SLT on 107° Radial & Heading 300 mag. while taking off climbing cruising L

descending landing Altitude 330 Flight landed CLE at 2230 E ST.

WEATHER (VFR) or INST? If INST, give actual weather.

On Top of haze

REASON FOR IRREGULARITY AND ACTION TAKEN (give full details):

Sighted four flying objects 02482 while [redacted] 80 NM East of SLT, [redacted] with the Moon at 12 o'clock about 30° Above the horizon. Observed by All members of the cockpit for 30 to 45 seconds, heading in a NNE direction at high Rate of speed + Above 60,000 feet altitude.

One object leading three others. Each object [redacted] appeared to [redacted] bright white light w/ long tail and was Trailing a faint Red glow similar to a short Vapor Trail. N.Y. Center (133.5) Advised No RADAR contact with any TRAFFIC below 60,000 feet. The three trailing objects disappeared first, then the leading object.

Engine failure or stoppage was reported at [redacted] ST. to ARINC Station At

Complete information on back for type of equipment on which the failure or stoppage occurred.

Airplane was landed approximately lbs. overweight. Dumped gals./lbs. fuel.

The above action was taken in accordance with CAR and, for the reason given, was considered to be the best procedure to effect the safe conduct of the flight.

Captain [redacted]

I have reviewed the above and concur /do not concur/ with the action taken by the Captain.

Superintendent Flying Date

Manager Flying Date

I concur with the action taken by the Captain.

Asst. Vice President Flight Date

MEMO FOR THE RECORD
(0830, 9 April 68)

SUBJECT: UFO Sighting 3 March 68

Mrs [redacted]
Warren, [redacted]
Telephone [redacted]

Time: 3 March 68 (2210). Time was taken from an electric clock which is accurate.

DURATION: 45 Seconds

OBJECTS: 1

COLOR: Fire Color

SIZE: The front (ball) was about half the size of the full moon.

BRIGHTNESS: About the brightness of the full moon (definitely brighter than Venus)

DIRECTION: The observer was facing south looking out the window. She said the object was coming toward her and just slightly east. I asked if that would mean that the object was going NNE and she said she guessed so.

FIRST SEEN: SSE at about 45 degree elevation.

LAST SEEN: (Same general area) SSE at about 30 degree elevation.

COMMENTS: The observer said it was falling toward the earth at a slight angle and she felt that it would have hit in the wooded area south of Warren. The object disappeared by burning out but just before it disappeared it seemed to veer in its course slightly then straighten out. The object just glowed out. It was a few seconds (not too certain) from when it started to decrease in intensity till it blacked out completely. The observers husband also saw it.

Warren, Penna.

April 3, 1968

Aerial Phenomena Office

Dear Sirs,

This morning our local paper carried a request for a sighting of a "UFO" on March 3.

On that date at 10:10 PM my husband and I saw a large falling fireball in the southern sky at approximately 45° from the horizon. It was a large fireball with a long tail and it wavered in its path as if the object could be rolling. I saw it as it started to burn and called my husband across the room. It lasted about fourty five seconds and burned out as we watched. There was no sound.

I have been watching for a request in the papers because I did not know where to send such information.

Your

[redacted]

MEMO FOR RECORD

6 March 1968

SUBJECT: UFO Observation, 3 March 1968

Warren State Police

No reports were at the station. Something in Beaver Coutny. Suggested we call State Police Barricks in Chippiwa Township. (412-843-5100)

Called Chipiwaw Township: State Police Barricks. Heard that they had some in Pittsburg area. Carneigie or Pittsburgh Barricks.

Blue

MEMO FOR THE RECORD 12 April 1968

SUBJECT: UFO Observation of 3 March 1968

Mrs [redacted]
Warren, Pennsylvania 16365

Lt Marano called Mr [redacted] about her observation and the following information was received:

TIME: 2130 (L) (An estimate)

DATE: 3 March 1968

COMMENTS: The observer was heading south on Rt 446 at Farmers Valley when she sighted 2 objects in front and slightly west of her. (She did not use a compus for direction and was assuming that at the spot where she stopped, the highway was lying in a due south direction. The objects came over the horizon and after about 30 seconds the trailing object disappeared (still in the SW at about 50 degrees elevation). The leading object continued and disappeared after passing beyond the car (due north at about 80 degrees elevation). When asked about direction she replied that the objects were to her west going north.

BRIGHTNESS: Just about as bright as the full moon.

PERSONAL COMMENTS: Observer seemed very uncertain about directions.

(April 10, 1968 (

Dear Sir:

Upon request of anyone seeing the U.F.O. on March 3. My Son and I was visiting My Brother at Eldred Penna. Which is about 30 miles from Kane Penna. We were on our way home about 9:30 P.M. (we live in Warren Pa.). We were at a small community called Farmers Valley on route 446 north of Smithport Pa. when out ahead of us (we were going south on route 446) we saw two orange lights ~~each~~ trailing about 2 yds apart or close together? we thought at first they could be two jets following each other. but being dark and no sun. to shine on them we knew differently. we

topped the car. I son got out,
and I had my head out of the window.
we could hear no noise of any
kind. Just out to the South west
of us the one in the back went
out first. The leader went on
passed beyond where we were
parked and it finally went
out. I would say the lead one
would probably have been at over
N.Y. State. I hope this
information will be of interest
to you.

Sincerely

[redacted]

((Williamsport

MEMO FOR RECORD

6 March 1968
1145 hrs

SUBJECT: UFO Observation, 3 March 1968.

Called: Williamsport Control Tower (717-368-2141)

They have information on the lsighting which the "Chief" can supply to us. I told them to call us back collect when they get the information.

7 March 1968 0900hrs

[redacted] the tower control chief, called back collect. No one had called in any of the reports that they had seen the objects.

Time: 2145 to 2150 3 March 1968

Duration: a 2 or 3 seconds

Objects: he was sure there were 4 objects but thought tht there may have been 5 just before they passed out of sight.

Kirst seen: WNW

Last Seen: WNW going NE at about 20 or 30 deg above the horizon, they just disappeared.

Course: NE

Comments: he thought that the objects would have passed N of tower if they had continued on their path, however he felt that because of the low angular elevation that they were quite distant and would have had to travel quite a way before they would have been North of control tower.

Color: the objects were reddish in color, not real bright, but dull red. Not as bright as the planet Venus.

Noise: Observer heard no noise and received no reports involving any noise.

Home Address:

[redacted]

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MEMO FOR THE RECORD

The following police depts. were contacted with regards to the satellite debrés decay of 3 Mar. 68. They will contact us if they receive any reports , however none have received any as of this date, I April I968.

Knox City Police	Chief Runyan	797-I077
Brookville Borrow Police	Mr. E. Smith	849-5323
Dubois City Police	Chester Holt	37I-2323
Oil City Police	Sgt. Mast	677-I2II
Coudersport State Police	Trooper Drapcho	274-8690
Tionesta " "	Trooper B. N. Kuhn	755-3555
DuBois " "	Trooper Koscil	583- 4200
Ridgeway " "		773-7222
Kane " "	Corp. Stillwell	837-6370
Jefferson Co. Police	Mrs. Grahm	849-2322
Warren Co. Sheriffs Office	Miss Tridico	723-7553
Elk " " "		766-6I2I
McKean " " "	Sheriff Pendleton	887-557I
Forest " " "	Sheriff Banks	755-354I
Venango " " "	Sheriff Berenson	432-2I8I
Clarion" " "	A ·C. Brothers	

MEMO FOR THE RECORD 2 April 1968

Subj: Observation of 3 Mar 68

The following WATS line calls were placed on 1 April 1968 in regards to observation of satellite decay on 3 March 1968. All persons were requested to determine if they had any reports for 3 March of unidentified or unusual observations, reports of unusual noises, such as sonic booms, whooshing noise or a rumbling noise. They also were asked if anyone had turned in any unsual objects or objects that they could not identify. These persons were also requested to contact the Aerial Phenomena Office if they do receive any reports of finding objects that may have come through a barn, house, or appeared unusual in any respect. All persons were quite willing to comply with our request and will contact us immediately by phone if they either hear or receive anything with regards to this subject.

Knox Municipal Bldg, Pa	No answer	814	797-1376
Kane City Police, Pa	They have an answering service & will return call	814	837-6300
Emporium City Police, Pa	Negative	814	483-3361
Port Allegany City Police,Pa	Negative	814	642-2526
Bradford City, Police,Pa	Negative	814	368-6133

Port Allegany and Bradford gave the following numbers of the state highway patrol.

Coudersport State Highway Patrol	814	274-8690
Kane State Highway Patrol	814	837-6370

TENNESSEE

OIHO

MEMO FOR RECORD

Knoxville
1050 hrs

SUBJECT: UFO Observation, 3 March 1968

Called: Knoxville, Tenn., Control Tower
Phone: 615-577-7717

Talked to [redacted] the tower, a controller, who saw the objects.

[redacted]

Duration: 1 minute ro 1½ minutes

Object: one at first, then resembled a jet aircraft with afterburners. Thought that the objects may have passed directly over Knoxville or pass a little south of Knoxville going NE. The objects seemed to be south and East of Knoxville.

Color: Bright and fiery tail. One piece that broke up as it went. Brighter than Venus. The object just disappeared. Nothing painted on radar. Linchburgh tower said they saw it:

[redacted] Lane
[redacted]989

Also a couple of pilots. Does not have names only flight numbsers. Which were given to Atlanta Center.

Delta Flight 644 of 3 March
Southern Flight 894 of 3 March

MEMO FOR RECORD

SUBJECT: UFO Observation, 3 March 1968

[redacted]

Time: between 9:45 pn to 10:00pm

Objects: several (at least 6)
Just observed in West, went NE last seen in NE would definitly have crossed, N-S line South of airport.

Duration: one minute; thirty seconds

Elevation: 20-25 degs above the horizon (about 5 degs above the moon)
Mr [redacted] will call cllect on 11 March 1968 to provide accurate angles and elevation.

Mr [redacted] only saw object for thirty seconds because he had to issue a clearance. At first he haid object looked like a jet blast in rear with windows in front, but glasses on it and it appeared as one object. Object was due West of the airport, going SW to North, Mr Fowler did not see the object disappear, he turned to do something else since the object was passing out of sight due to distance.

Nashville
Sewart

8 March 1968

MEMO FOR RECORD

SUBJECT: UFO Observation, 8 March1968 (1005 hours)

Sewart AFB, Tenn.
AV 882-1500

Talked to Lt Col Fitzhugh. The only report that he has for 3 March 1968 is at 7:45 CST. The observer saw bright light going East. Saw it for several seconds. The Observers name:

Sgt T. Bishop
61st Tactical Sq.
Duty Phone: 2168
Home Phone: 893-7679

1110 hours Sgt Bishop called back and his sighting was not a sighting of a debree. Probabely saw a satellite going over.

1015 hrs, talked to Nahville Control Tower (Municipal Airport) 225-7788. They had a few calls that they channeled to Sewart AFB. Base Operations : 2115. Since I have already talked to Col Fitzhugh I did not think that it was worth the effort to call base operation at this time.

WEST VIRGINIA

B-1

MEMO FOR RECORD

5 March 1968

SUBJECT: UFO Observation, 3 March 1968

[redacted], West Vriginia

Duration: 3 minutes
Time: 10:00 pm
Number: 3 objects; 2 low and one seemed to have a parallel course to the 2 low ones but seemed to be higher.
Course: NE
First Seen: West (wasn't too high)
Last Seen: doesn't known it faded out or passed over the horizon.
Color: 2 low ones had a light reddish tail.
Noise: no sound.

The 2 low ones were flashing or flickering. The objects themselves were bright white.

MEMO FOR RECORD 5 March 1968

SUBJECT: UFO Observation, 3 March 1968

Called: Morgantown Airport, West Virginia

they have a log entry for 0324Z. At 1044 local, a Lake Central plane. Advised a very bright light, North in sight very short lengths of time. At the same time another pilot NW of Morgantown saw 4 flying objects North at a very high rate of speed, 30,000 ft, travelling parallel to the ground leaving trails of light. Appeared like a rocket flying level. It would be the first time he saw a meteorite flying in formation.

Airport at Morgantown said Cleveland had reports, Lt of the local police had reports of the same phenomena, one group of 3 going East, a group of 4 going West. The Lake Central pilot was on trip # 240. The other pilot was N 7002, Twin Beach. The owner is American Compressed Steel Corp, 900 East Front St, Cincinnati, Ohio, Phone: 621-3181.

T A B "C"

C O N T A C T S

1. ORGANIZATIONS

(1-a) MASS, TENN
(1-b) N. Y.
(1-c) OHIO, KY, IND, W. VA.
(1-d) PENNA

2. OBSERVERS
(2-a) OHIO
(2-b) PENNA
(2-c) VA, W. VA, IND
(2-d) KY, TENN

3. LIST OF INCOMING AND OUTGOING TELEPHONE CALLS

C

MASSACHUSETTS, TENNESSEE

ORIGANIZATIONS CONTACTED

MASSACHUSETTS

LOCATION	ORGANIZATION	STATEMENT
OTIS AFB		No Reports
WESTOVER AFB		No Reports

TENNESSEE

LOCATION	ORGANIZATION	STATEMENT
KNOXVILLE	CONTROL TOWER	[redacted], DELTA Flight 644 of 3 March. SOUTHERN Flight 894 of 3 March
NASHVILLE	MUNICIPAL AIRPORT CONTROL TOWER	A Few calls, no names recorded
SEWART AFB	UFO OFFICER	No Reports

NEW YORK

3 mar 68
Ohio

23 AUG 1968

IDPT (UFO) Lt Col Quintanilla/70916/mhs/22 Aug 68

Photographs of Satellite Decay

Mr [redacted]th

Fairborn, Ohio 45324

1. Reference your observation and subsequent photographs of the 3 March 1968 satellite debris decay. We received nearly seventy reports, but as far as we know, you are the only one who photographed the decay.

2. We are interested in making some photographs from your negative; if possible, we would like to borrow it for this purpose. If this is feasible, please complete the inclosed photographic data sheet and return it along with your negative in the inclosed envelope. Upon duplication (which will take approximately one month) we will return your negatives along with one enlarged print.

3. Thank you for your assistance, it is sincerely appreciated.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Photo Data Sheet w/envelope

IDPT (UFO) OFFICIAL FILE CY

ORIGANIZATIONS CONTACTED

NEW YORK

LOCATION	ORGANIZATION	STATEMENT
ALBANY	CITY POLICE	No Reports
	LOCAL PAPER	No Reports
CAMP DRUM		No Reports
GLENNFALL	AIRPORT	No Reports
GRIFFIS AFB		No Reports
JAMESTOWN	CITY POLICE	No Reports
NIAGRA FALLS	UFO OFFICER at AIRPORT	Uncertain Haven't contacted a slim possibility yet.
OGDENSBURGH	AIRPORT	No Reports
ORISKANY	CITY POLICE	No Reports
ROCHESTER	CITY POLICE	No Reports
	STATE POLICE	No Reports
	SHERRIFFS OFFICE	No Reports
	CONTROL TOWER	No Reports
ROME	BRADLY FIELD	No Reports
SARATOGA	SARATOGA AFS	No Reports
	CITY POLICE	No Reports
SCHANECTADY	CITY POLICE	No Reports
SUFFOCK COUNTY AFB		
UTICA	CITY POLICE	No Reports
	STATE POLICE	No Reports
	AIRPORT	No Reports
WATERTOWN	WATERTOWN AFS	No Reports
	CITY POLICE	No Reports
	STATE POLICE	No Reports
	AIRPORT	No Reports

OHIO, KENTUCKY, INDIANA, WEST VIRGINIA

ORIGANIZATIONS CONTACTED

OHIO

LOCATION	ORGANIZATION	STATEMENT
CANTON	CITY POLICE	No Reports
CINCINNATI	GREATER CINCINNATI AIRPORT	[redacted]
CLEVELAND	AIRPORT CONTROL TOWER	Had Several reports but did not record names
COLUMBUS	MUNICIPAL AIRPORT	No Reports
LOCKBORNE AFB		TSgt Bossler, Maj Connelly
MASSILLON	STATE POLICE	Two Patrolmen and several other people but no names in log
VANDALIA	COX MUNICIPAL CONTROL TOWER	No Reports
WARREN	STATE POLICE	No Reports
YOUNGSTOWN	MUNICIPAL AIRPORT CONTROL TOWER	Capt T. W. Row, G. M. Caldwell, E. C. Larsen

KENTUCKY

LOCATION	ORGANIZATION	STATEMENT
LEXINGTON	CONTROL TOWER	No Reports
LOUISVILLE	CONTROL TOWER	Several calls; did not record names
OWENSBORO	AIRPORT	A lady called but they did not record her name

INDIANA

LOCATION	ORGANIZATION	STATEMENT
INDIANAPOLIS	CONTROL TOWER	Said they received several calls but did not record names

WEST VIRGINIA

LOCATION	ORGANIZATION	STATEMENT
ELKINS	CITY POLICE	No Reports
MORGANTOWN	CONTROL TOWER	N7002 Twin Beach and Lake Central Flight # 240
	STATE POLICE	

PENNSYLVANIA

ORIGANIZATIONS CONTACTED

PENNSYLVANIA

LOCATION	ORGANIZATION	STATEMENT
BENTON AFS	UFO OFFICER	No Reports
BRADFORD	CITY POLICE	No Reports
	FLIGHT SERVICE STATION	No Reports
BROOKVILLE	BORROW POLICE	No Reports
BUTLER	STATE POLICE	Had one report from [redacted] Meridian, Pennsylvania
CHIPIWAW TOWNSHIP	STATE POLICE	No Reports
CLARION	CITY POLICE	No Reports
	CLARION COUNTY SHERRIFFS OFF.	No Reports
CLEARFIELD	STATE POLICE	No Reports
	BORROW POLICE	No Reports
	RADIO STATION	No Reports
COUDERSPORT	STATE POLICE	False Lead
COWANDO	STATE POLICE	No Reports
DUBOIS	CITY POLICE	No Reports
	STATE POLICE	No Reports
	COURIER EXPRESS	Several Local people had reported to paper having seen them but they did not record the names
EVENSBURGH	STATE POLICE	No Reports
ELK COUNTY	SHERRIFFS OFFICE	No Reports
EMPORIUM	CITY POLICE	No Reports
ERIE	PORT ERIE CONTROL TOWER	Possab[redacted]
FOREST COUNTY	SHERRIFFS OFFICE	No Reports
FRANKLIN	STATE POLICE	One call but did not record the name
	AIRPORT	No Reports
	CITY POLICE	No Reports
	FRANKLIN NEWS HEROLD	Didn't call back
HARRISBURGH	AIRPORT CONTROL TOWER	No Reports
JEFFERSON	COUNTY POLICE	No Reports
JEFFERSON COUNTY	COUNTY AIRPORT	No Reports
JOHNSTOWN	CITY POLICE	[redacted]
	TRIBUNE DEMOCRAT	
	PITTSBURGH FAA	See Case
	STATE POLICE	No Reports
KANE	STATE POLICE	No Reports
	CITY POLICE	[redacted]
	KANE REPUBLICAN	
KITTANNING	BORROW POLICE	[redacted]
KNOX	CITY POLICE	No Reports

LOCATION	ORGANIZATION	STATEMENT
LOCK HAVEN	FLIGHT SERVICE STATION	No Reports
MARTINSBURGH	AIRPORT CONTROL TOWER	Call from woman in Geeseytown, Pa., south of Altoona, but did not record her name.
MERCER	STATE POLICE	No Reports
McKEAN COUNTY	SHERIFFS OFFICE	No Reports
NEW CASTLE	STATE POLICE	No Reports
	CITY POLICE	No Reports
	NEW CASTLE NEWS	[redacted]
OAKDALE	ARMY INSTALLATION	No Reports
OIL CITY	CITY POLICE	No Reports
PITTSBURGH	GREATER PITTSBURGH AIRPORT	
	(1) OFFICE OF INFORMATION	[redacted]
	(2) UFO OFFICER	See File
	(3) CONTROL TOWER	
PORT ALLEGANY	CITY POLICE	No Reports
PORTSMOUTH	STATE POLICE	No Reports
PUNXSUTAWNEY	STATE POLICE	No Reports
RIDGEWAY	STATE POLICE	No Reports
	CITY POLICE	No Reports
SAINT MARY	CITY POLICE	No Reports
SHICKS-HIMMY	STATE POLICE	No Reports
STRATTONVILLE	STATE POLICE	No Reports
SUMMERSET	CITY POLICE	[redacted]
TIONESTA	STATE POLICE	No Reports
	TRI-STATE AIRPORT (near Phillipsburgh) FLIGHT SERVICE STATION	No Reports
VENANGO COUNTY	SHERRIFFS OFFICE	No Reports
WARREN	STATE POLICE	No Reports
	COUNTY SHERRIFFS OFFICE	No Reports
WARREN DALE	STATE POLICE	No Reports
WILKS-BARRIE	SCRANTON AIRPORT	No Reports
WILLIAMSPORT	AIRPORT CONTROL TOWER	[redacted]
	CITY POLICE	No Reports
	STATE POLICE	No Reports
WYOMING VALLEY	STATE POLICE	No Reports

OHIO

OBSERVERS CONTACTED

OHIO

OBSERVER	ADDRESS	PHONE NUMBER	REPORTS
[redacted]	[redacted] Ohio		YES
	[redacted] on Neg.		
[redacted]	[redacted] Ohio	[redacted]	YES
[redacted]	[redacted]	(21[redacted]0	YES
[redacted]	[redacted] ronville, Ohio	[redacted]	YES
[redacted]	[redacted]	[redacted]	YES
[redacted]	[redacted] ne AFB	[redacted]	YES
[redacted]	[redacted] Ohio		YES
[redacted]	[redacted] Cleveland, Ohio		YES
[redacted]	[redacted] ayton, Ohio (AIR-VISUAL)		YES
[redacted]	[redacted]		YES
[redacted]	[redacted] Worthington, Ohio		YES
[redacted]	[redacted] Tower		YES
[redacted]	[redacted] Heights, Marylan[redacted]		66
[redacted]	[redacted] Ohio		YES
[redacted]	[redacted] chmond, Ky		
[redacted]	[redacted] Ohio		NO
[redacted]	[redacted] Dayton, Ohio		YES
[redacted]	[redacted]		NO
[redacted]	[redacted] Lockborne AFB (AIR-VISUAL)		YES
[redacted]	[redacted]		NO
[redacted]	Dayton, Ohio		YES
[redacted]	[redacted] Urbana, Ohio		YES
[redacted]	[redacted] Apt B, Fairborn, Ohio		
[redacted]	[redacted]		YES
[redacted]	[redacted] on, Ohio		
[redacted]	[redacted]		NO
[redacted]	[redacted] ville, Ohio		
[redacted]	[redacted]		YES
[redacted]	[redacted] ayton, Ohio		YES
[redacted]	[redacted] ering, Ohio		YES
[redacted]	[redacted] ing, Ohio		YES
[redacted]	[redacted] o		YES
[redacted]	[redacted], Ohio		YES
[redacted]	[redacted] r		
[redacted]	[redacted]		
[redacted]	[redacted] Springfield, Ohio		
[redacted]	[redacted] Warren, Ohio ([redacted])		
[redacted]	[redacted] n, Ohio		
[redacted]	[redacted]		
[redacted]	[redacted] ille, Maryl[redacted]		
[redacted]	[redacted] io		
[redacted]	[redacted]		
[redacted]	[redacted], Ohio		
[redacted]	[redacted] Cincinnati, Ohio		

OBSERVERS CONTACTED

OHIO

OBSERVER	ADDRESS	PHONE NUMBER	REPORTS
[redacted] C.	[redacted] Ohio	[redacted]	YES
[redacted]	[redacted]	[redacted]	YES
[redacted] D. Mrs	[redacted] Ohio	[redacted]	YES
[redacted]	[redacted] nterville, Ohio	[redacted]	[redacted]
[redacted]	[redacted], Ohio	[redacted]	YES
[redacted] L	[redacted] glewood, Ohio	[redacted]	YES
[redacted]	[redacted] Dayton, Ohio	[redacted] 3	YES
[redacted]	[redacted] r., Springfield, Ohio	[redacted]	NO
[redacted] rs	[redacted] ton, Ohio	[redacted]	YES
[redacted]	[redacted] on, Ohio	[redacted]	YES
[redacted] Capt.	[redacted] Box [redacted] B, Edgewater [redacted] yland	[redacted]	NO
[redacted]	[redacted] R[redacted], Carlisle	[redacted]	YES
[redacted]	[redacted] n AFB, Ohio	[redacted]	YES
[redacted]	[redacted]	(513[redacted]	NO
[redacted] Maj.	[redacted] Ohio	[redacted]	YES
[redacted]	[redacted]	[redacted]	YES
[redacted]	[redacted]	(513[redacted]	[redacted]
[redacted]	[redacted] Ohio	[redacted]	NO
[redacted]	[redacted]	[redacted]	NO

PENNSYLVANIA

3 mar 68
Ohio

23 AUG 1968

IDPT (UFO) Lt Col Quintanilla/70916/mhs/22 Aug 68

Photographs of Satellite Decay

Mr [redacted]
Fairborn, Ohio 45324

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3. Thank you for your assistance, it is sincerely appreciated.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Photo Data Sheet w/envelope

IDPT (UFO) OFFICIAL FILE CY

OBSERVERS CONTACTED

PENNSYLVANIA

OBSERVER	ADDRESS	PHONE NUMBER	REPORTS
[redacted]	[redacted] rgh Tower, Pittsburgh, Pa	[redacted]	(NO)
[redacted]	[redacted] Rd.	[redacted]	(YES)
[redacted] s.	[redacted]	[redacted]	(YES)
[redacted]	[redacted] erona	[redacted]	(YES)
[redacted] r.	[redacted] St., Mun[redacted] Pa.	[redacted]	(NO)
[redacted]	[redacted]	[redacted]	(NO)
[redacted]	[redacted] burgh 12, Pa.	[redacted]	(NO)
[redacted] Jr	[redacted], Pa.	[redacted]	(YES)
[redacted]	[redacted] ne, Pa.	[redacted]	(YES)
[redacted]	[redacted]	[redacted]	(YES)
[redacted] r.	[redacted]	[redacted]	(YES)
[redacted]	[redacted] Pa.	[redacted]	(YES)
[redacted]	[redacted]	[redacted]	(YES)
[redacted]	[redacted] gton, Ave., Pittsburgh, Pa	[redacted]	(No)
[redacted]	[redacted], Pa.	[redacted]	(YES)
[redacted]	[redacted]	[redacted]	(YES)
[redacted]	[redacted]	[redacted]	(YES)
[redacted]	[redacted] Pa.	[redacted]	(No)
[redacted]	[redacted] Pa.	[redacted]	(NO)
[redacted]	[redacted]	[redacted]	(YES)
[redacted]	[redacted]	[redacted]	(NO)
[redacted]	[redacted]	[redacted]	(NO)
[redacted]	[redacted]	[redacted]	(NO

VIRGINIA, WEST VIRGINIA, INDIANA

C2-6

OBSERVERS CONTACTED

VIRGINIA

OBSERVER	ADDRESS	PHONE NUMBER	REPORTS
[redacted]	[redacted]		NO
SOUTHERN FLIGHT 894 of 3 Ma[redacted]	[redacted] Va.		NO
[redacted]	[redacted]	[redacted]	YES
[redacted]	[redacted] Lynchburgh, Va.		
[redacted]	[redacted] Lynchburgh, Va.		YES

WEST VIRGINIA

OBSERVER	ADDRESS	PHONE NUMBER	
[redacted]	[redacted] ston, W VA.	[redacted]	NO
[redacted]	[redacted] a.		YES
[redacted]	[redacted] Police		PARTIAL
[redacted]	[redacted] ce		PARTIAL
[redacted]	[redacted], Cincinnati, Ohio	[redacted]	NO
			PARTIAL

INDIANA

OBSERVER	ADDRESS	PHONE NUMBER	
[redacted]	[redacted]		YES
[redacted]	[redacted] Heights, Ohio.		YES
	[redacted]		

(3 March 68

SAFOICC/Mak Aikman/ncl/79079/18Mar68

MAR 19 1968

Dear Mr [redacted]

This will reply to your letter of March 4, 1968, in which you described an unidentified flying object (UFO) that you observed.

Without additional information, we cannot offer an explanation of the object you saw. However, if you will complete the attached questionnaire and mail it in the inclosed envelope, our technical people at Wright-Patterson Air Force Base will be able to investigate further and make an evaluation.

Should you ever sight another UFO, please report it as soon as possible to the nearest Air Force base. Each base has a UFO investigator, who is in a better position to make an on-the-spot investigation which usually results in a more accurate analysis.

In the meantime, we are sending you some literature that may help you identify the sighting. Thank you for reporting it to the Air Force.

Sincerely,

DAVID L. STILES
Lt Colonel, USAF
Chief, Civil Branch
Community Relations Division
Office of Information

Attachments

M[redacted]
Rt[redacted]2

CC: Wright-Patterson

SAFOICC

Coord cy - SAF-[redacted]
Combk cy - SAF-OIC
Reader cy - SAF-OI
Activity cy - SAF-OIC
Steyback

313

[redacted]

March 4, 1968.

U. F. O. Department
U. S. Air Force
Washington, D. C.

Gentlemen:

On the night of Saturday march 3, I saw what was to me and artic. an F.O.(s).

At was a clear night; temp. aff. 31°, moon was less than one quarter, (but bright), and about 35° above the horizon in a S.W. direction.

At approximate appro. 9:30 to 9:40 P.M. while heading West on Interstate 81 South. I was at what I took as a shooting star to the N.N.W. It left no vapor trail but burst for a second or more while traveling in a northly direction. It made a whish on it and through none of it until later.

At appro. 9:45 or 10:00 P.M. I left I-81 at Mt Jackson Crossroads and proceed North toward the community of

3rd

Max Meadows, when he stopped, what we local people call Copenhaver Hill, we sighted one of the U.F.O.'s

There were two definite lights that were, as stayed, in the same ~~relation~~ plane (straight line). At neither I nor my fiancee sighted any connecting lines. If there were connecting lines, it would have form the fuelage of a B-52 only about 30 to 40 times bigger

I stopped in the road an cut off my lights. Shortly after I cut off the car lights. The lights in the sky turned from a white to a Bright red.

As I first sighted the lights we about ~~a~~ 1 mile and 1/2 straight ~~no~~ N. over the edge of the north of the town at approx. 1 mile or less altitude.

The lights keep their straight line position, but moved in in two directions a one half each east and north.

The lights did not drop below the horizon but simply disappeared. They were in view for approx. 1 minute. [redacted]

3/5

((3 Mar 68

SAF-OICC/Miss Turnure/76526/Mar. 11, 1968

MAR 13 1968

Dear Mr [redacted]:

This will reply to your letter of March 3, 1968, in which you described an unidentified flying object (UFO) that you observed.

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Sincerely,

DAVID L. STILES
Lt Colonel, USAF
Chief, Civil Branch
Community Relations Division
Office of Information

Attachments

[redacted]ginia 26032

Coord Cy - SAF-OICC
Cmbk Cy - SAF-OICC
Activity Cy - SAF-OICC
Reader Cy - SAF-OICC
Stayback

SAF-OICC

[redacted]

31-

Sent AFIIT

March 3, 1968

Dears Sirs

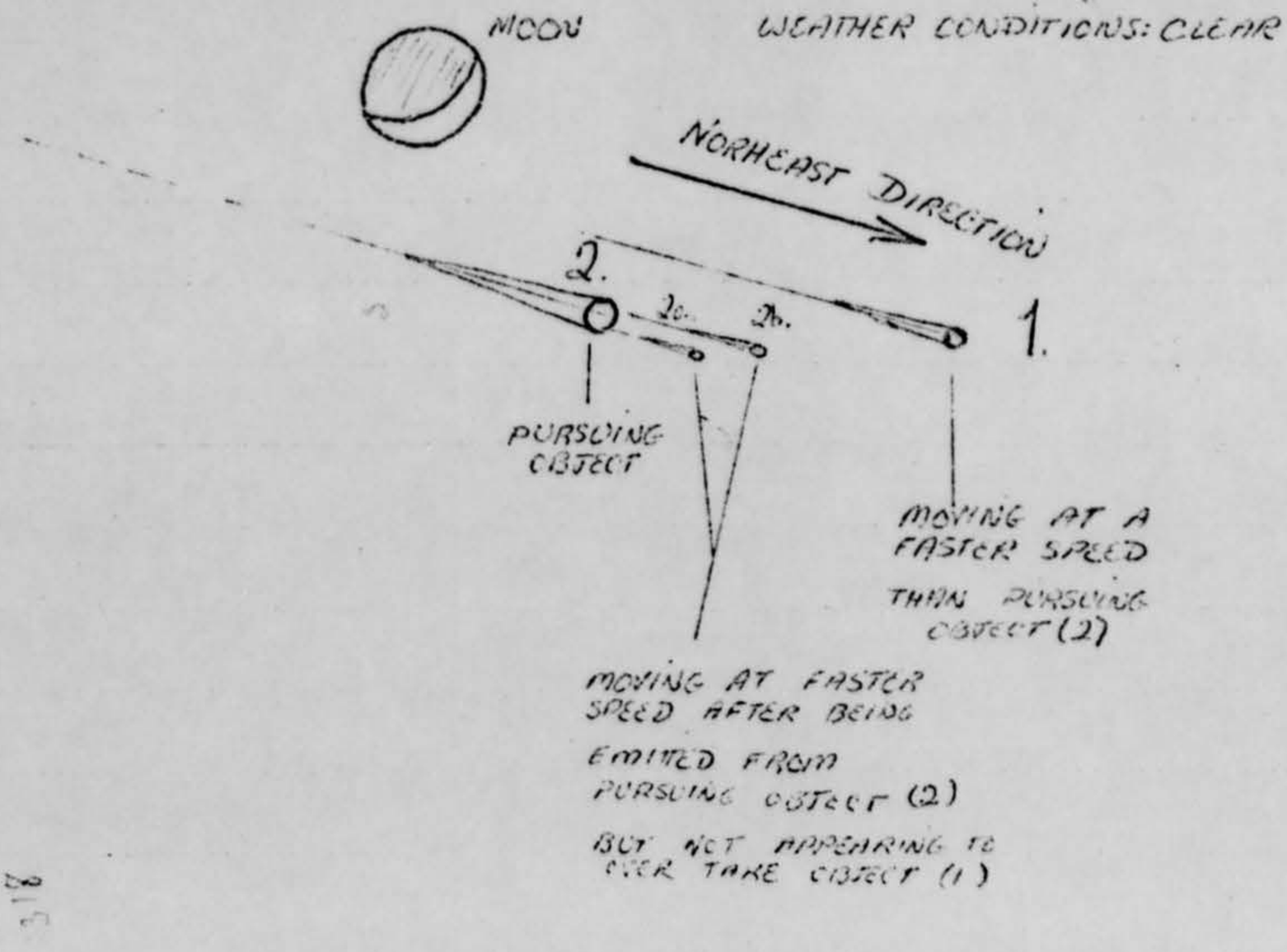
I am presently enrolled as a student at Bethany College, Bethany West Virginia. At approximately 9:30 p.m. Sunday night I was returning to my residence after leaving the Biology Laboratory. I noticed two bright objects in the sky traveling at high speeds. It appeared as if one object was in pursuit of the other. One object seemed to be traveling at a higher or greater speed than the one pursuing it. The pursuing object appeared to have emitted two objects of lesser intensity, and looked as if it was making an attempt to shoot the other one down. The four objects then passed behind some trees and the gymnasium by which I was standing. I pointed the objects out to two fellow student, who were coming up the walk, if references or witnesses be needed.

3rd

by the time, I had gotten around the side of the building, the objects were out of view.

I have often noticed B-52 bombers flying over Bethany numerous times, and as far as I know fly at approxiamately 60,000 ft or above. The sounds of their engines are audible, but these objects did not emit any sound.

Here is a diagram of what appeared.



This is not a hoax, since I have more sense than to try and pull a prank of this sort.

If you would like more information, my address is [redacted]

I will be glad to offer any more assistance concerning this matter.

Thank You,

[redacted]

3/9

3 May 68
Clayton

19 APR 1968

TDPT (UFO) Maj Quintanilla/70916/mhs/19 Apr 68

UFO Observation, March 3, 1968

[redacted]
Dayton, Ohio 45409

1. Your letter of March 4, 1968 to Dr. Keto has been received at the Project Blue Book office. Fortunately, in this particular instance, we were able to obtain enough accurate reports so that the identity of the three fiery objects were quickly verified. We received reports from Indianapolis, Richmond, Dayton, Xenia, Columbus, Pittsburgh, and some small towns northeast of Pittsburgh.

2. The Space Detection Center, at Colorado Springs, was aware that a piece of satellite debris was reentering our atmosphere and was especially vigilant during this time. Because of visual observations, such as yours, the computer was updated and it was determined that the "target impact point" (TIP) was in either northern Pennsylvania or southern New York, if the fragment survived reentry. We have not been successful in recovering the fragment, but we are hoping that it will turn up when people start hiking in some of the off beaten trails in that area.

3. On behalf of the Air Force, let me thank you for submitting your report to Project Blue Book. Your report will be added to our satellite reentry behavior data base.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

cy to: [redacted]

TOP SECRET (UFO) OFFICIAL FILE COPY

KENTUCKY, TENNESSEE

C2-a

OBSERVERS CONTACTED

KENTUCKY

OBSERVER	ADDRESS	PHONE NUMBER	REPORTED
[redacted]	[redacted]		NO
[redacted] E. M.	[redacted]	[redacted]	NO
			YES
[redacted]	[redacted] (SEE [redacted])		NO
			NO
[redacted]	[redacted] Kentucky		YES
[redacted]	[redacted] exington, Kentucky	[redacted]	YES
[redacted]	[redacted] Kentucky (SEE Dr Olivier)		NO
[redacted]	[redacted] abethtown, Kentucky	[redacted]	

TENNESSEE

OBSERVER	ADDRESS	PHONE NUMBER	
[redacted]	[redacted] ee	[redacted]	NO
[redacted]	[redacted] Springs, Tennessee		YES
[redacted]	[redacted] Knoxville, Tennessee	[redacted]	YES

TO: Project Blue Book

FROM: University of Colorado UFO Study DATE: March 7, 1968

SUBJECT: Names and addresses of people who reported the March 3rd re-entry to the CU Project

[redacted]

[redacted] reported that the object was also sighted by a Piedmont 727 airliner and by the FAA at Roanoke.

LIST OF INCOMING AND OUTGOING TELEPHONE CALLS

C-3

CALLS PLACED:

Louisville, Kentucky	Control Tower	Called W.L.
Owensboro, Kentucky	Airport	" " "
Lexington, Kentucky	Control Tower	" " "
Westover AFB, Mass.		Called A.V.
Griffiss AFB, New York		Called A.V.
Suffock Co. AFB, New York		" " "
Saratoga AFS, New York		" " "
Lockborne AFB, Ohio	UFO Investigator	Called A.V.
Columbus, Ohio	City Control Tower	" " "
Greater Cinci Airport	Control Tower (3 men)	Called
Massillon, Ohio	State Police	"
Canton, Ohio	City Police	"
Warren, Ohio	State Police	"
Erie, Pennsylvania	Pt Erie Control Tower	Called
Bradford, Penn.	Flight Service Station	"
Dubois, Penn.	Dubois Courier Express	"
Clearfield, Penn.	State Rlice (call collect)	"
St Mary, Penn.	Police	"
Indiana, Penn.	John Pretrowsky	"
Verona, Penn.	Mr Bietz	"
Pittsburgh, Penn.	Mrs. Kelly	"
Kittanning, Penn.	City Police-Mr Anthony	"
Ridgeway, Penn.	City Police	"
Johnstown, Penn.	City Police	"
Johnstown, Penn.	Tribune Democrat	"
Evensburgh, Penn.	State Police	"
Warrendale, Penn.	State Police	"
Chippawaw, Penn.	State Police	"
Bridgeville, Penn.		"
Summerset, Penn.	Police	"
Pittburgh, Penn.	Control Tower	Called A.V.
Harrisburgh, Penn.	Airport Tower	Called
Martinsburgh, Penn.	" "	"
Benton AFS, Penn.		"
Williamsport, Penn.		" (collect)
Lock Haven Airport, Penn.		Called W.L.
Tri-State Airport (near Phillipsburgh)		called " "
Dubois-Jefferson Co, Airport		" " "
Franklin Airport		Called " "
Knoxville, Tenn.	Control Tower/Joe Fowler	Called
Nashville, Tenn.	Municipal Arpt/Cont Tow	Called A.V.
Sewart AFB, Tenn.	UFO Office/Control Tower	" " "
Elkins, West Virginia	City Police	Called W.L.
Martinburg, ~~West Virginia~~		Called W.L.

257-7067

LISTING OF TELEPHONE CALLS

DATE	PERSON MAKING CALL	RECEIVED OR CALLED PARTY			IN	OUT	ADDITIONAL INFO
		CITY AND STATE	TELEPHONE NUMBER	NAME			
Mar 68	LT MARANO	Rochester, N.Y.	716 436-5088	Control Tower		X	Re satellite decay
"	" "	" "	716 232-7070	City Police		"	"
"	" "	" "	716 271-4646	State Police		"	"
"	" "	" "	716 232-1414	Sherriffs Office		"	"
"	" "	Jamestown, N.Y.	716 485-1115	City Police		"	"

NOTE: All calls were placed at the request of Mr. McDavid, TDPSX

All calls were placed to area code 814 Charged to 257-7067

LISTING OF TELEPHONE CALLS

DATE	PERSON MAKING CALL	RECEIVED OR CALLED PARTY			IN	OUT	ADDITIONAL INFO
		CITY AND STATE	TELEPHONE NUMBER	NAME			
Apr 68	Lt Marano	Kane, Pa	814 837-6300	City Police	X		Re Satellite Decay
"	" "	"	"	" "		X	"
"	" "	"	837-6000	Mr.Kane Kane Republican		X	"
"	" "	Punsatawney,Pa	938-6060	State Police		X	"
"	" "	Coudersport,Pa	274-8690	State Police		X	"
"	" "	Franklin, Pa	432-3141	FranklinNewsHerald		X	"
"	" "	Kane, Pa	837-6370	State HighwayPatro		X	"
"	" "	Ridgeway, Pa	773-7222	State Patrol		X	"
"	" "	DuBois, Pa	583-4200	State Patrol		X	"
"	" "	Clarion ,Pa	226-7611	Clarion Co Police		X	"
"	" "	Tionesta,Pa	755-3555	Tionesta State Police Barracks		X	"
"	" "	DuBoise ~~City~~,Pa	371-2323	City Police		X	"
"	" "	Venango, Pa	432-2181	Venango County Sheriffs Office		X	"
"	" "	Forest, Pa	755-3541	Forest County Sheriffs Office		X	"
"	" "	McKean, Pa	877-5571	McKean County Sheriffs Office		X	"
"	" "	Elk County,Pa	776-6121	Elk County Sheriffs Office		X	"
"	" "	Warren County,Pa	723-7550	Warren County Court House		X	"
"	" "	Warren County, Pa	723-7553	Warren County Sheriffs Office		X	"
"	" "	Knox, Pa	797-1077	Chief of Police	X		"Z

Charge to 257-7067

LISTING OF TELEPHONE CALLS

DATE	PERSON MAKING CALL	RECEIVED OR CALLED PARTY			IN	OUT	ADDITIONAL INFO
		CITY AND STATE	TELEPHONE NUMBER	NAME			
3 Apr 68	Lt Morano	Kane Pa	[redacted]	[redacted]	X		3 Mar 68 Observation
"	" "	Coudersport, Pa	[redacted]	[redacted] Acierkewicz	X		Satellite Decay
"	" "	Coudersport, Pa	[redacted]	[redacted]		X	"
"	" "	Austin, Pa	[redacted]	[redacted]		X	"

70767

LISTING OF TELEPHONE CALLS

DATE	PERSON MAKING CALL	RECEIVED OR CALLED PARTY			IN	OUT	ADDITIONAL INFO
		CITY AND STATE	TELEPHONE NUMBER	NAME			
MAR 68	LT MARANO	Cambridge, Mass	[redacted]	[redacted]		X	Re satellite decay
"	"	Morgantown, W Va	304 599-1101	State Police		X	"
"	"	" "	292-3632	FAA Mun Apt		X	"
"	"	Williamsport, Pa	717 287-3762	City Police		X	"
"	"	" "	287-2185	State Police		X	"
"	"	Cleveland, Ohio	216 267-2190	FAA Mun Apt		X	"
"	"	Meridian, Pa	[redacted]	[redacted]		X	"
"	"	New Castle, Pa	[redacted]	[redacted]		X	"
"	"	New Castle, Pa	658-5575	State Police		X	"
"	"	Butler, Pa	[redacted]	[redacted]		X	"
"	"	New Castle, Pa	[redacted]	[redacted]		X	"
"	"	New Castle, Pa	652-2468	S.P. Hanna		X	"
"	"	Strattonville, Pa	814 764-3211	State Police		X	"
"	"	Mercer, Pa	412 662-5210	State Police		X	"
"	"	Franklin, Pa	814 432-4223	State Police		X	"
"	"	Clarion, Pa	226-9140	City Police		X	"
"	"	San Antonio, Texas	512 341-1820	Maj Quintanilla		X	"

LISTING OF TELEPHONE CALLS

DATE	PERSON MAKING CALL	RECEIVED OR CALLED PARTY			IN	OUT	ADDITIONAL INFO
		CITY AND STATE	TELEPHONE NUMBER	NAME			
Mar 68	LT MARANO	Johnstown, Pa.	536-5211	City Police		X	Re Satellite decay
Mar 68	"	" "	472-8500	State Police		X	"
"	"	" "	814 536-0711	Tribune Democrat		X	"
"	"	Franklin, Pa.	814 432-4223	Police Deptment		X	"
"	"	" "	814 432-4223	Police Deptment	X		"
"	"	Summerset, Pa.	814 445-6100	Police Deptment		X	"
"	"	Franklin, Pa.	814 432-4223	State Police		X	"
"	"	" "	"	"		X	"
"	"	Warrendale, Pa.	412 776-2200	State Police		X	"
"	"	Chippiwaw, Pa.	412 843-5100	State Police		X	"
"	"	[redacted]				X	"
"	"	San Antonio, Texas	512 341-1820	Maj Quintanilla		X	"
"	"	Harrisburg, Pa.	717 238-7445	Airport Cont. Tow		X	"
"	"	Martinsburgh, Pa.	814 793-3113	" " "		X	"
"	"	Williamsport, Pa.	717 368-2141	Control Tower		X	"
"	"	Benten AFS, Pa.	717 477-3101	Capt Underwood		X	"

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AERONAUTICAL SYSTEMS DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

REPLY TO ATTN OF: ASGS/5-5552

11 April 1968

SUBJECT: Reported Sighting - UFO

TO: FTD (Dr. A. J. Cacioppo - TDGS)

1. The attached letter from Mr. Charles W. Ingler of the National Cash Register Company is self-explanatory. Also attached is a clipping from the Dayton Journal Herald of Thursday, March 7, 1968.

2. I am submitting this material to you since the reported sighting has a broader implication than a normal UFO. It is apparent that the objects were space objects with their behavioral character being of particular interest.

3. I know [redacted] very well through many close community associations with him over the past eight to ten years. He is the Director of Community Relations for NCR, and highly professional in the areas of government (national, state and local), political science, organizational and business administration. I consider him as one of the most capable individuals that I know - outstandingly articulate, keen judgment with a rare and creative talent for resolving organizational and complex administrative problems. He has degrees of BA and MA in Government from Oklahoma University, and has done additional graduate work at Northwestern. He is of unquestioned integrity and a very staunch friend, close associate and supporter of the Air Force.

4. I have discussed [redacted] sighting with him. His principal interest in reporting the sighting is to provide his observations as to the maneuvering character of the objects and not as just another UFO report. Recognizing that the characteristics of the sighting correspond to a large degree with the probability that some type of space objects were observed, it was his desire to bring the particular maneuvering aspects of such objects to the attention of the Air Force.

5. The following particular points were brought out in the discussion with Mr. [redacted]

LISTING OF TELEPHONE CALLS

DATE	PERSON MAKING CALL	RECEIVED OR CALLED PARTY			IN	OUT	ADDITIONAL INFO
		CITY AND STATE	TELEPHONE NUMBER	NAME			
Mar 68	LT MARANO	Williamsport [redacted]			X		Re satellite decay
"	"	Oakdale, Pa.	412 276-5800	Capt Stevenson		X	
"	"	Clairton, Pa.	[redacted]	[redacted]		"	
"	"	Saratoga AFS, N.Y.	518 584-2600	Sgt Leville		"	
"	"	Cincinnati, Ohio	[redacted]		"		6 Mar Observation
"	"	San Antonio, Texas	CA 64860	Maj Quintanilla		"	

LISTING OF TELEPHONE CALLS

DATE	PERSON MAKING CALL	RECEIVED OR CALLED PARTY			IN	OUT	ADDITIONAL INFO
		CITY AND STATE	TELEPHONE NUMBER	NAME			
8 Mar 68	LT MARANO	Knoxville, Tenn.	615 577-7717	Control Tower		X	Re Satellite decay
"	" "	Knoxville, Tenn [redacted]				X	"
"	" "	Elizabeth, Ky. [redacted]				"	"
"	" "	Greater Cinci Arpt	606 371-5055	Control Tower		"	"
"	" "	Massillon, Ohio	216 833-1055	State Police		"	"
"	" "	Canton, Ohio	216 452-7971	City Police		"	"
"	" "	Warren, Ohio	216 898-2311	State Police		"	"
"	" "	Erie, Penn.	814 833-0841	Pt Erie Con Tower		"	"
"	" "	Bradford, Penn.	814 362-8860	Flgt Ser Station		"	"
"	" "	Erie, Penn.	814 833-0841	Hudson	X		"
"	" "	Erie, Penn. [redacted]				"	"

T A B "D"

W E A T H E R D A T A

D

UFO sighting in Dayton area. 2100hrs 3 Mar. 68

NEED WEBB

1. surface maps for this area
2. upper air (RADIOSONDE) for DAYTON & CINCY. ← not available

DAYTON 0000E

850/466	-09	-21	
700/962	-13	-25	340/47
600/545	-27	-33	350/54
400/702	-37	-47	350/64
300/894	-53	—	345/59
200/159	-48	—	295/43
150/347	-52	—	305/53
100/609	-54	—	305/47

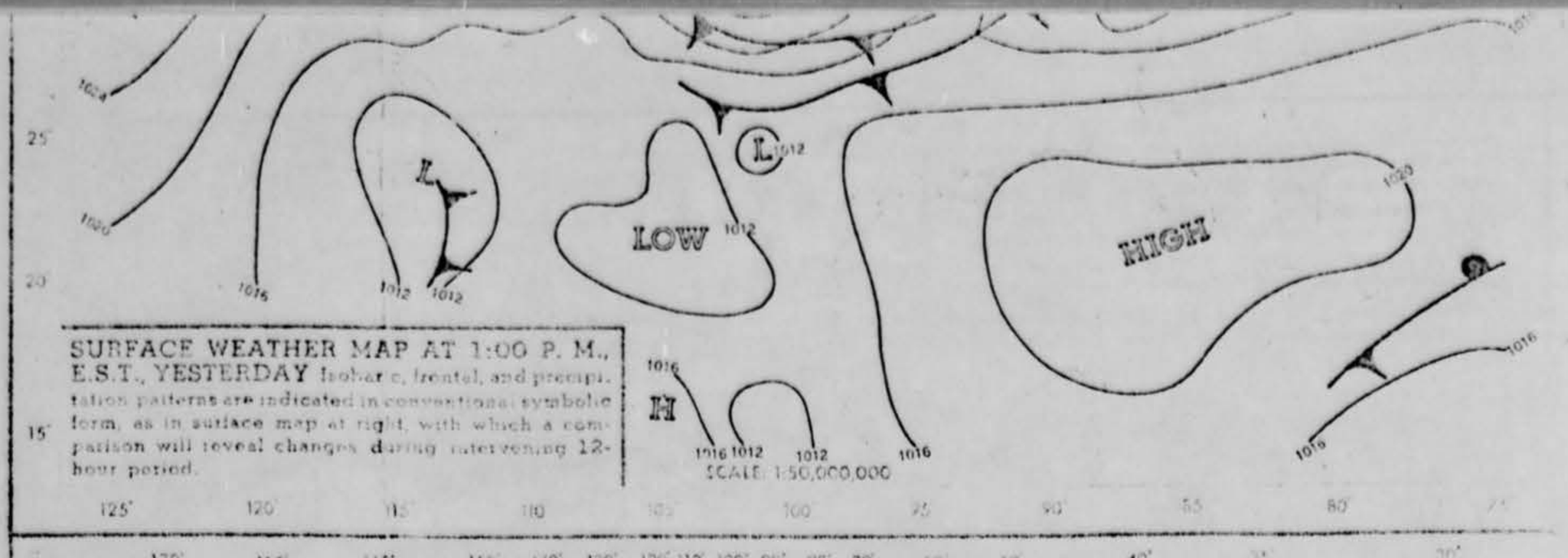
Inversion between 4,500 & 6,000 FT.

Data obtained from Base Weather station, WPAFB.

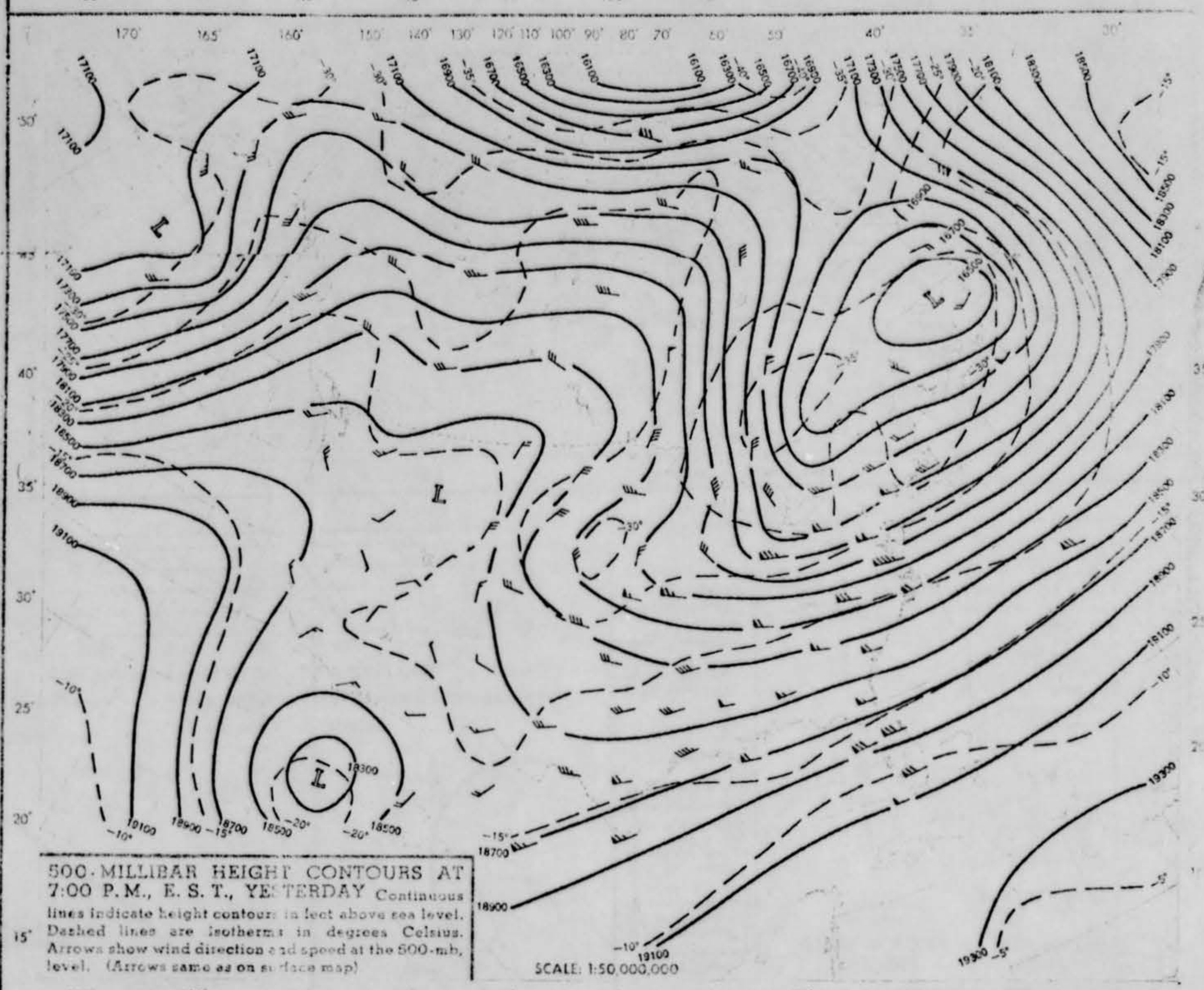
TAB "E"

MISCELLANEOUS INFORMATION

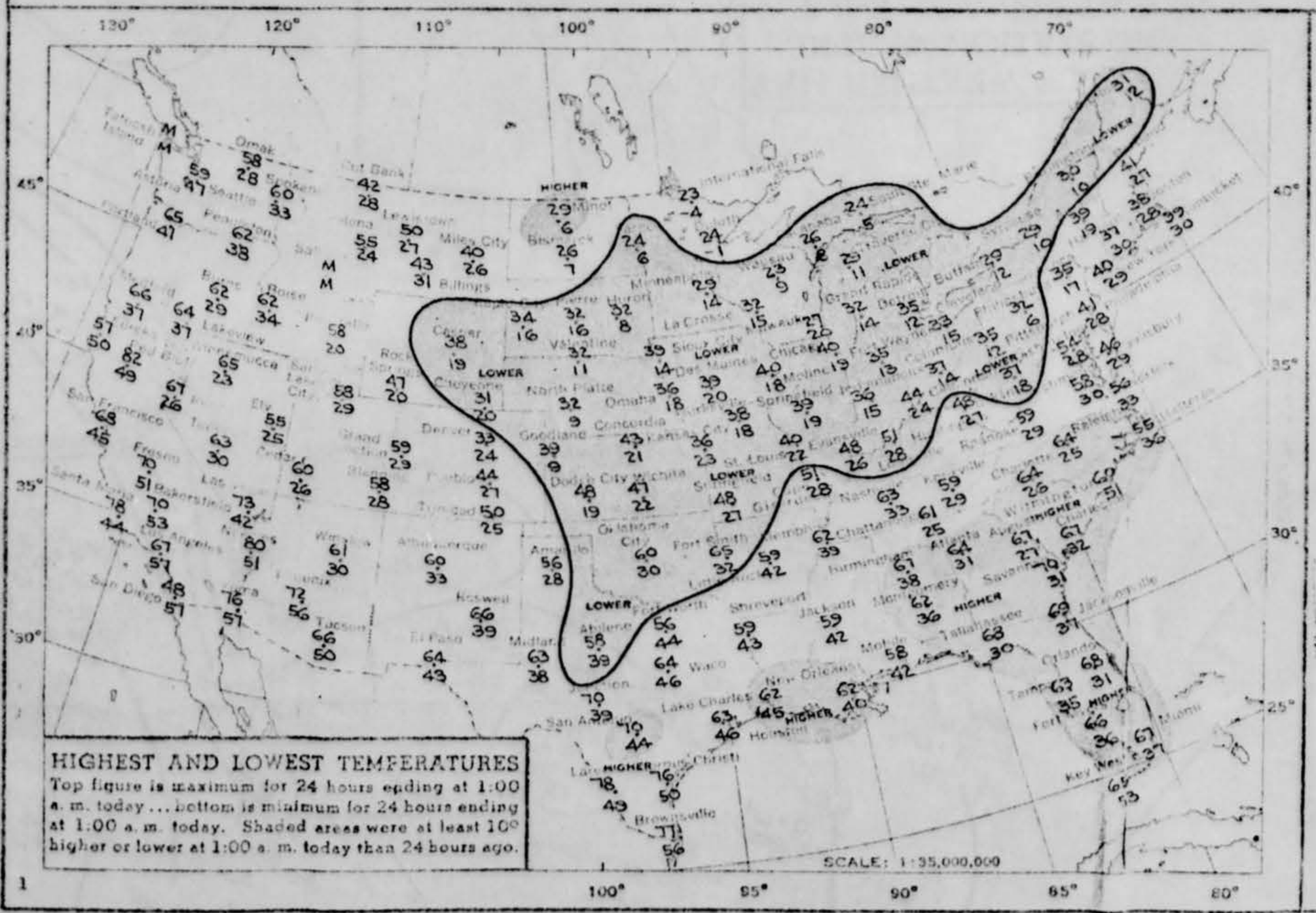
E



SURFACE WEATHER MAP AT 1:00 P. M., E.S.T., YESTERDAY Isobaric, frontal, and precipitation patterns are indicated in conventional symbolic form, as in surface map at right, with which a comparison will reveal changes during intervening 12-hour period.



500-MILLIBAR HEIGHT CONTOURS AT 7:00 P.M., E. S. T., YESTERDAY Continuous lines indicate height contours in feet above sea level. Dashed lines are isotherms in degrees Celsius. Arrows show wind direction and speed at the 500-mb. level. (Arrows same as on surface map)



HIGHEST AND LOWEST TEMPERATURES Top figure is maximum for 24 hours ending at 1:00 a. m. today ... bottom is minimum for 24 hours ending at 1:00 a. m. today. Shaded areas were at least 10° higher or lower at 1:00 a. m. today than 24 hours ago.

SURFACE WEATHER MAP AND STATION WEATHER AT 1:00 A. M., E. S. T.

SPECIMEN STATION MODEL

Cloud type (*High cirrus*)

Wind speed (*21 to 25 miles per hour*)

Direction of wind (*From the northwest*)

Temperature in degrees Fahrenheit

Total amount of clouds (*Sky completely covered*)

Visibility (*¾ mile*)

Present weather (*Continuous slight snow in flakes*)

Dewpoint in degrees Fahrenheit

Cloud type (*Low fractostratus and/or fractocumulus*)

Height of cloud base (*300 to 599 feet*)

Cloud type (*Middle altocumulus*)

Barometric pressure at sea level. Initial 9 or 10 omitted (*1024.7 millibars*)

Amount of barometric change in past 3 hours. (*In tenths of millibars*)

Barometric tendency in past 3 hours. (*Rising*)

Sign showing whether pressure is higher or lower than 3 hours ago

Time precipitation began or ended. (*Began 3 to 4 hours ago*)

Weather in past 6 hours. (*Rain*)

Amount of precipitation in last 6 hours

Part of sky covered by lowest cloud (*Seven or eight tenths*)

Abridged from W M O. Code

SCALE: 1:15,000,000

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

SCALE OF NAUTICAL MILES AT VARIOUS LATITUDES

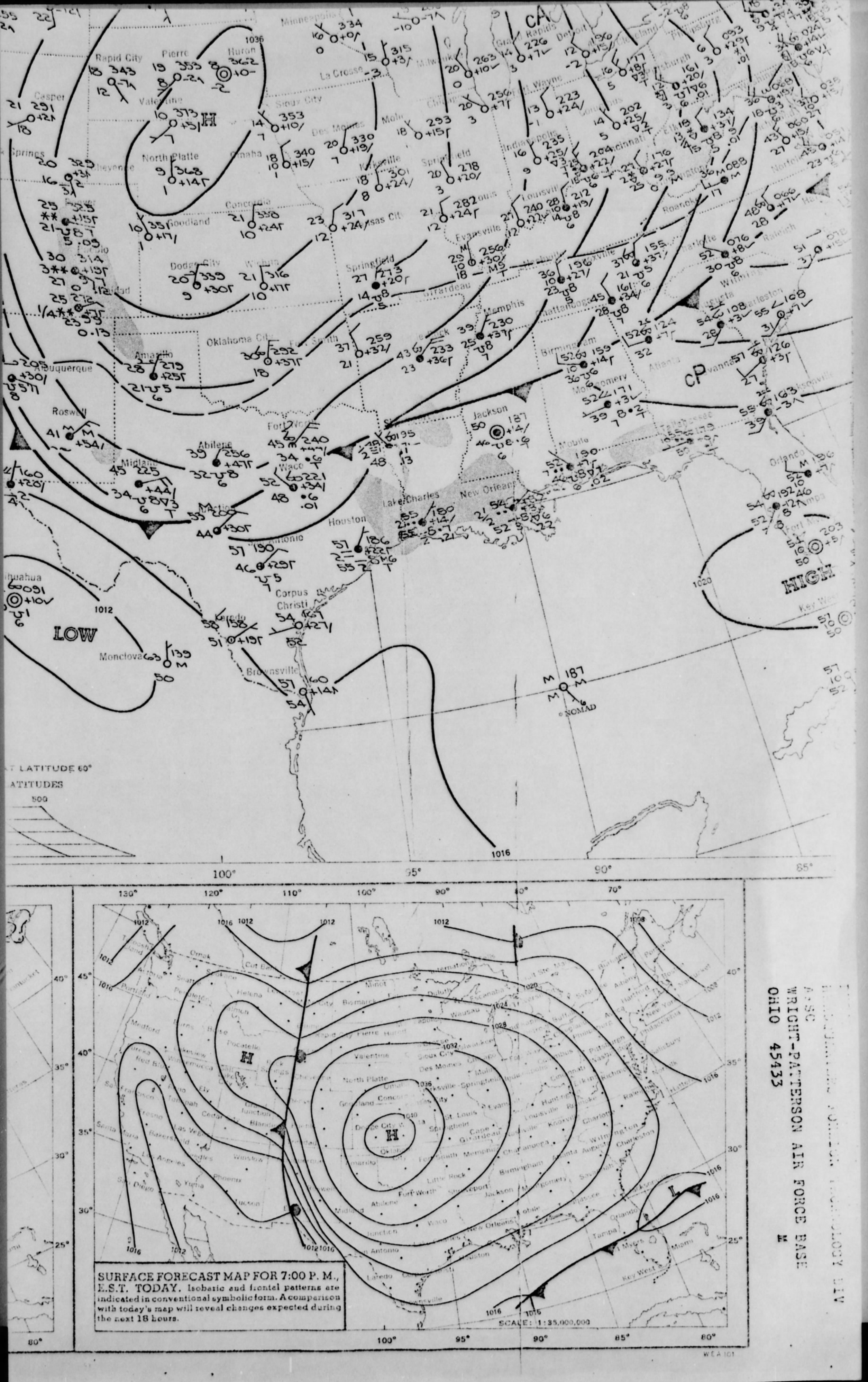
50 100 200 300 400 500

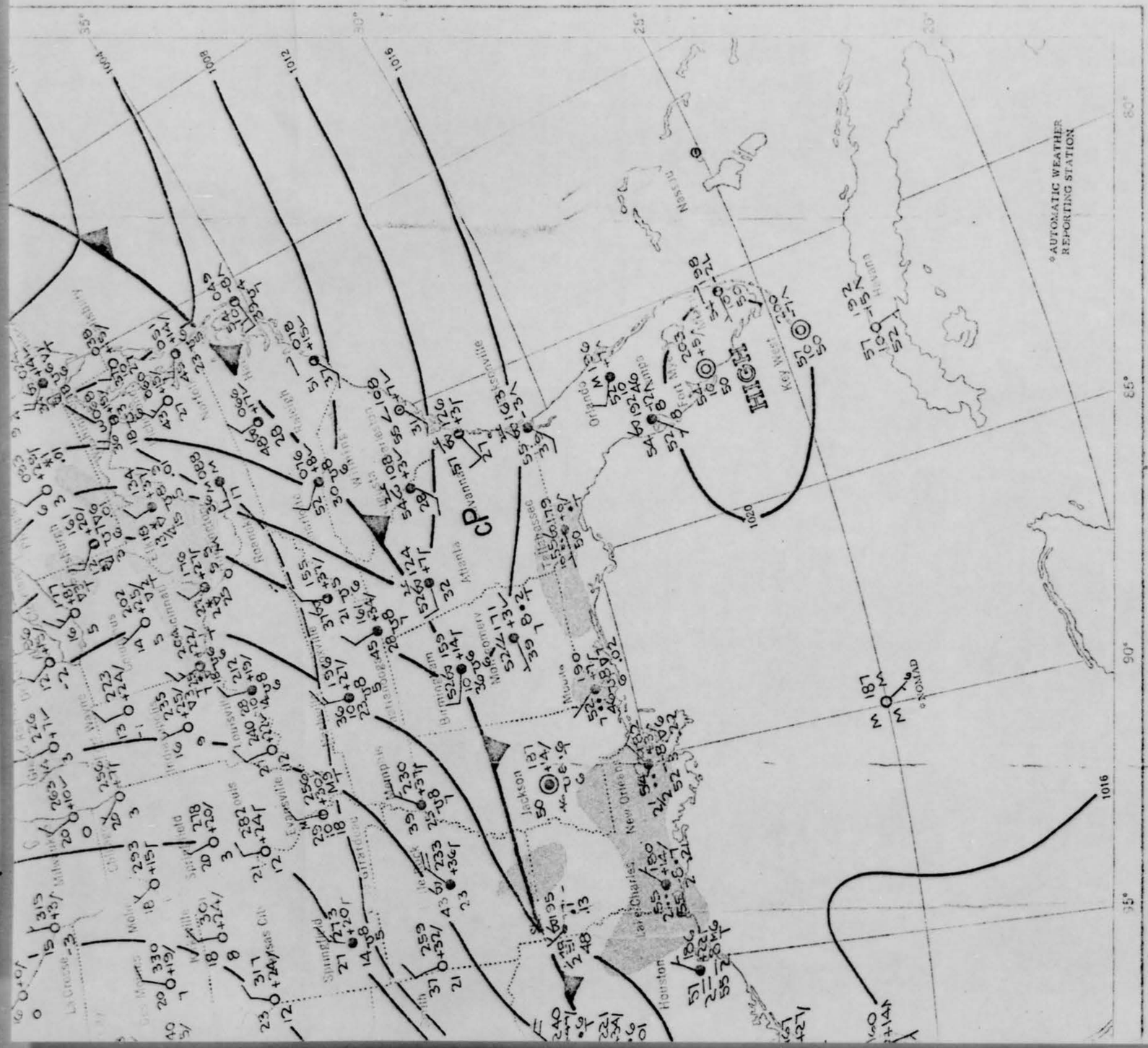
60° 40° 20°

PRECIPITATION AREAS AND AMOUNTS

Shaded areas had precipitation during 24 hours ending at 1:00 a. m. today. Amounts in inches to the nearest hundredth of an inch, are for the same period. Incomplete totals are underlined. "T" indicates a trace of precipitation. Dashed lines show depth of snow on ground in inches as of 7:00 a. m. yesterday.

SCALE: 1:35,000,000


Minneapolis
Rapid City
Pierre
Huron
Casper
Valentine
La Crosse
Sioux City
Des Moines
North Platte
Omaha
Kirksville
Springfield
Grand Rapids
Detroit
Fort Wayne
Indianapolis
Cincinnati
Pittsburgh
Goodland
Concordia
Dodge City
Wichita
Kansas City
St. Louis
Evansville
Louisville
Roanoke
Raleigh
Oklahoma City
Fort Smith
Memphis
Nashville
Charlotte
Amarillo
Albuquerque
Roswell
Fort Worth
Abilene
Midland
Waco
Jackson
Birmingham
Montgomery
Atlanta
Mobile
Tallahassee
Jacksonville
Orlando
Tampa
Fort Myers
Miami
Key West
Lake Charles
New Orleans
Houston
San Antonio
Corpus Christi
Laredo
Brownsville
Monclova
Chihuahua
Matamoros
CP
HIGH
LOW
1036
1020
1012
NOMAD
T LATITUDE 60°
ATITUDES
500
1016
100°
95°
90°
85°
130°
120°
110°
100°
90°
80°
70°
45°
40°
35°
30°
25°
Seattle
Portland
Spokane
Minot
Bismarck
Duluth
Wausau
Billings
Boise
Helena
Pocatello
Salt Lake City
Reno
Las Vegas
Phoenix
Yuma
San Diego
Los Angeles
Tucson
Albuquerque
Denver
Cheyenne
Omaha
Chicago
Milwaukee
Detroit
Cleveland
Buffalo
Toronto
Montreal
Boston
New York
Philadelphia
Washington
Hatteras
Charleston
Savannah
Jacksonville
1008
1012
1016
1020
1024
1028
1032
1036
1040
SURFACE FORECAST MAP FOR 7:00 P. M., E.S.T. TODAY. Isobaric and frontal patterns are indicated in conventional symbolic form. A comparison with today's map will reveal changes expected during the next 18 hours.
SCALE: 1:35,000,000
WEA 101
PREPARED BY AIR WEATHER SERVICE TECHNICAL REPORT
WRIGHT-PATTERSON AIR FORCE BASE
OHIO 45433


* AUTOMATIC WEATHER REPORTING STATION
CP
TROP
Orlando
Jackson
New Orleans
Houston
Montgomery
Atlanta
Tallahassee
Birmingham
Nashville
Memphis
Little Rock
Shreveport
Dallas
Fort Worth
Austin
San Antonio
Corpus Christi
Brownsville
Laredo
El Paso
Albuquerque
Amarillo
Oklahoma City
Wichita
Kansas City
Omaha
Minneapolis
Duluth
Sioux Falls
Pierre
Bismarck
Rapid City
Cheyenne
Denver
Salt Lake City
Boise
Spokane
Seattle
Portland
Medford
Reno
Las Vegas
Phoenix
Tucson
Yuma
Los Angeles
San Diego
San Francisco
Fresno
Sacramento
Eureka
Billings
Helena
Great Falls
Glasgow
Miles City
Williston
Minot
Grand Forks
Fargo
Aberdeen
Huron
Rapid City
Scottsbluff
North Platte
Grand Island
Omaha
Des Moines
Dubuque
Madison
La Crosse
Green Bay
Milwaukee
Chicago
Peoria
Springfield
Quincy
St. Louis
Cape Girardeau
Evansville
Indianapolis
Fort Wayne
Toledo
Cleveland
Akron
Youngstown
Pittsburgh
Erie
Buffalo
Rochester
Syracuse
Albany
Binghamton
Scranton
Wilkes-Barre
Harrisburg
Philadelphia
Atlantic City
Trenton
New York
Newark
Hartford
Providence
Boston
Portland
Concord
Burlington
Caribou
Bangor
Augusta
Portland
Norfolk
Richmond
Roanoke
Charleston
Huntington
Parkersburg
Columbus
Dayton
Cincinnati
Louisville
Lexington
Knoxville
Chattanooga
Nashville
Memphis
Jackson
Meridian
Vicksburg
Shreveport
Monroe
Alexandria
Lake Charles
Beaumont
Port Arthur
Galveston
Houston
Corpus Christi
Brownsville
Laredo
Del Rio
San Antonio
Austin
Waco
Abilene
Wichita Falls
Lubbock
Amarillo
Dodge City
Goodland
Concordia
Salina
Topeka
Kansas City
Columbia
Springfield
Joplin
Tulsa
Oklahoma City
Enid
Woodward
Liberal
Garden City
Dodge City
Hays
Russell

DAILY WEATHER MAP

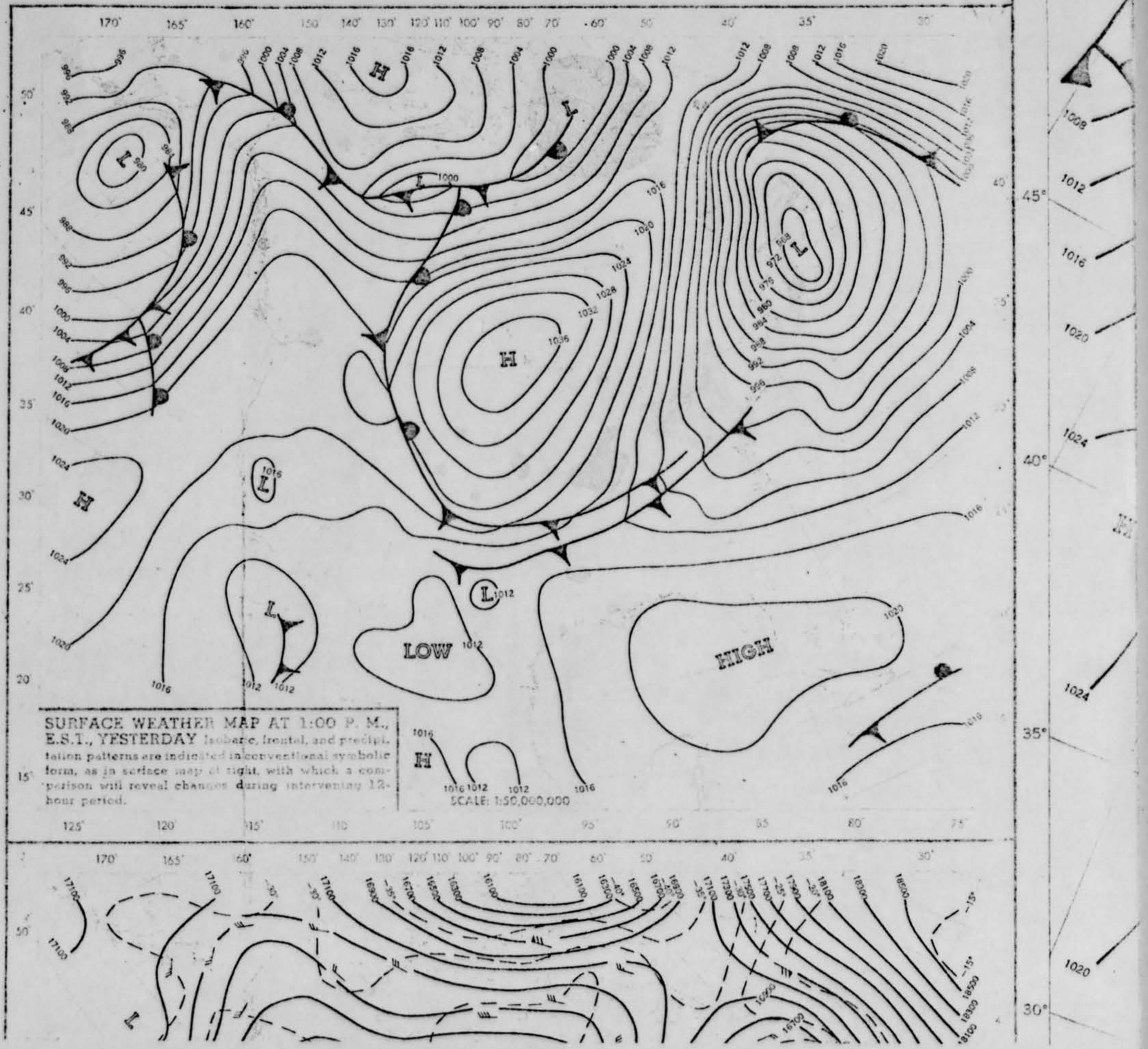
U.S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

WEATHER BUREAU

SUNDAY, MARCH 3, 1968

Maps prepared by National Meteorological Center, Washington, D. C.



SURFACE WEATHER MAP AT 1:00 P. M., E.S.T., YESTERDAY Isobaric, frontal, and precipitation patterns are indicated in conventional symbolic form, as in surface map at right, with which a comparison will reveal changes during intervening 12-hour period.

a. Contrary to the article in the Dayton Journal Herald, the objects were moving northward instead of east.

b. As described in his letter and as brought out in the discussion, the objects changed course, first northwestward and then back toward the northeast.

c. The direction of his travel by car on I-75 was essentially straight and northward. Although change in the direction of his travel was admitted as a possible reason for observing an apparent maneuver in the travel of such objects, his reaction was that any recognized curvature in the section of I-75 being travelled at the time of the sighting would not account for the maneuver.

d. Curvature noted in the tails extending back from the objects would correspond to the observed maneuvering.

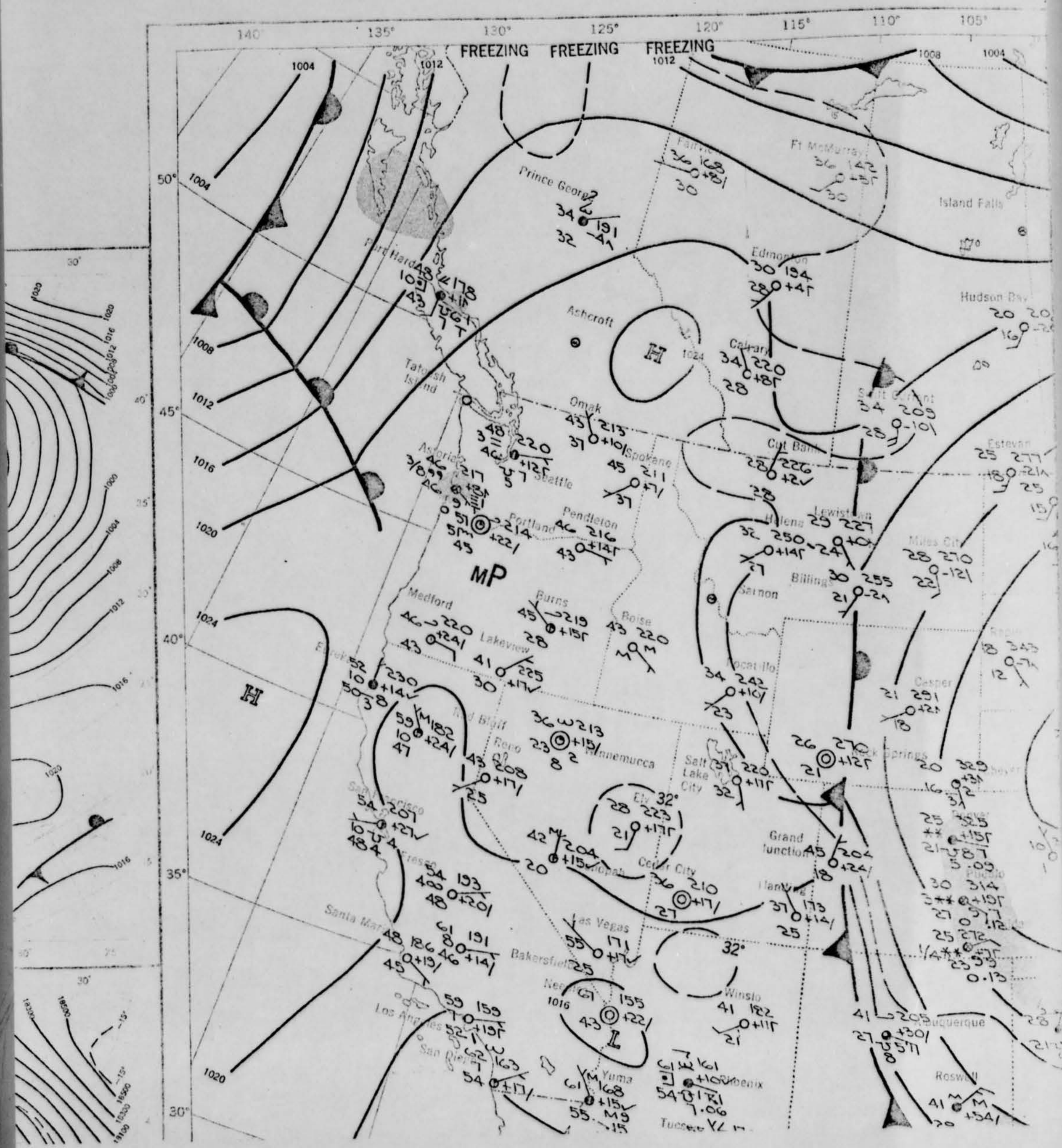
e. The spatial relations of the objects were not observed to change in such maneuvers.

6. I am bringing this matter directly to your attention for reasons of overall FTD interests in the implication of the maneuvering characteristics of the objects observed.

John E. Keto

JOHN E. KETO
Chief Scientist
Aeronautical Systems Division

2 Atch


FREEZING
FREEZING
FREEZING
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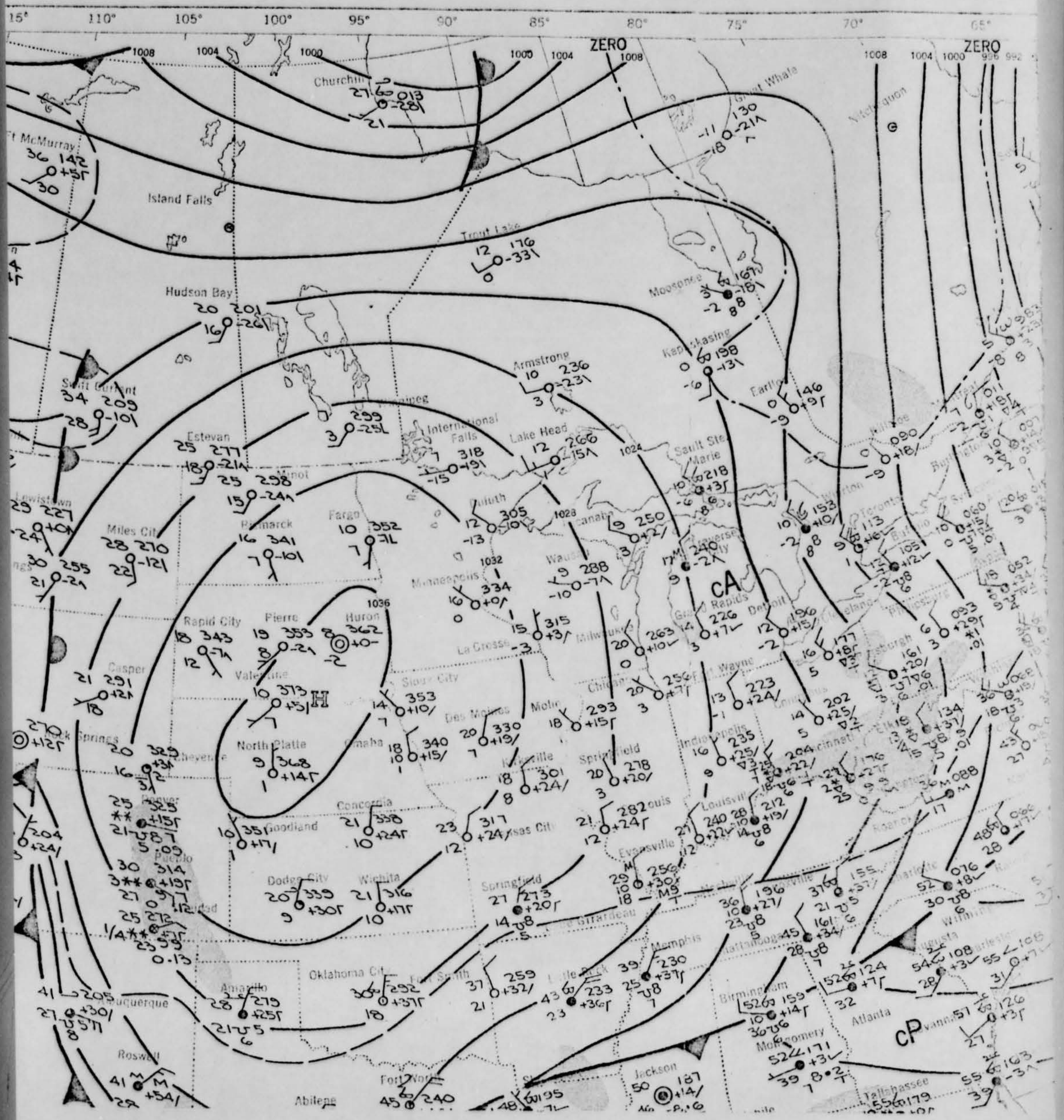
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85°
80°
75°
70°
65°
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ZERO
1008
1004
1000
996
992
1024
1028
1032
1036
Churchill
Great Whale
Ft McMurray
Island Falls
Trout Lake
Hudson Bay
Moosonee
Armstrong
Kapuskasing
Swift Current
Estevan
International Falls
Lake Head
Sault Ste Marie
Minot
Lewistown
Miles City
Bismarck
Fargo
Duluth
Minneapolis
Rapid City
Pierre
Huron
Casper
Valentine
North Platte
Omaha
Grand Rapids
Detroit
Toronto
Buffalo
Pittsburgh
Denver
Concordia
Goodland
Kansas City
Indianapolis
Louisville
Cincinnati
Pueblo
Dodge City
Wichita
Springfield
Evansville
Memphis
Albuquerque
Amarillo
Oklahoma City
Fort Smith
Little Rock
Roswell
Fort Worth
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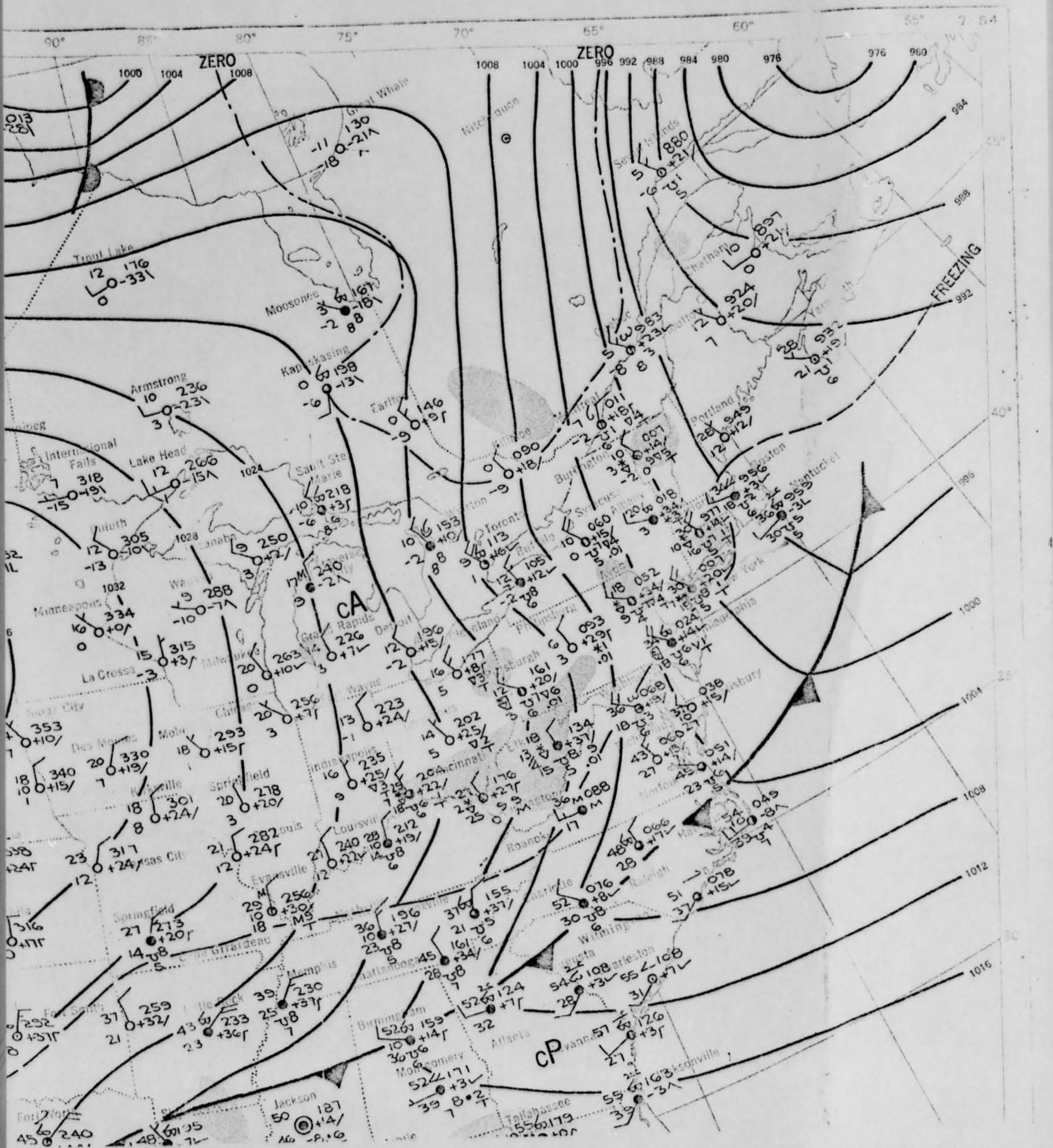
ZERO
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Great Whale
Nitchequon
Trout Lake
Moosonee
Kapuskasing
Armstrong
International Falls
Lake Head
Sault Ste Marie
Earlton
Killaloe
Montreal
Portland
Boston
Nantucket
Minneapolis
La Crosse
Grand Rapids
Detroit
Toronto
Buffalo
Albany
Syracuse
Rochester
Cleveland
Pittsburgh
Philadelphia
New York
Chicago
Milwaukee
Indianapolis
Cincinnati
Louisville
Springfield
Evansville
Memphis
Nashville
Atlanta
Birmingham
Montgomery
Jackson
Tallahassee
Jacksonville
Savannah
Charleston
Augusta
Raleigh
Wilmington
Roanoke
Norfolk
Harrisburg
Wayne
Sioux City
Des Moines
Moline
Kansas City
Fort Wayne
Fort Smith
Little Rock
Fort Worth
Shreveport
Waterloo
Thetford Mines
Yarmouth
Caribou
Sept-Iles
Seven Islands
90°
85°
80°
75°
70°
65°
60°
55°
50°
45°
40°
35°

SYMBOLIC FORM OF MESSAGE (1)

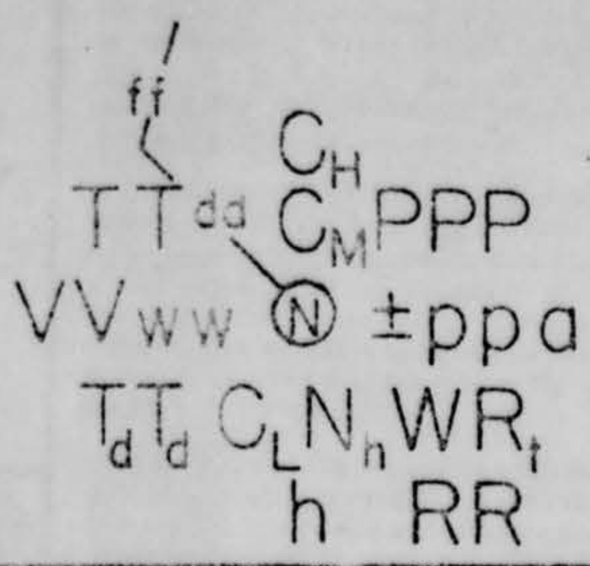
iii Nddff VVwwW PPPTT NChCC TTapp 7RRR$_t^s$
$_{h}$ $_{L}$ $_{M}$ $_{H}$ $_{d}$ $_{d}$

Note: This Abridged Code Shows Only Data Normally Plotted on Printed Maps

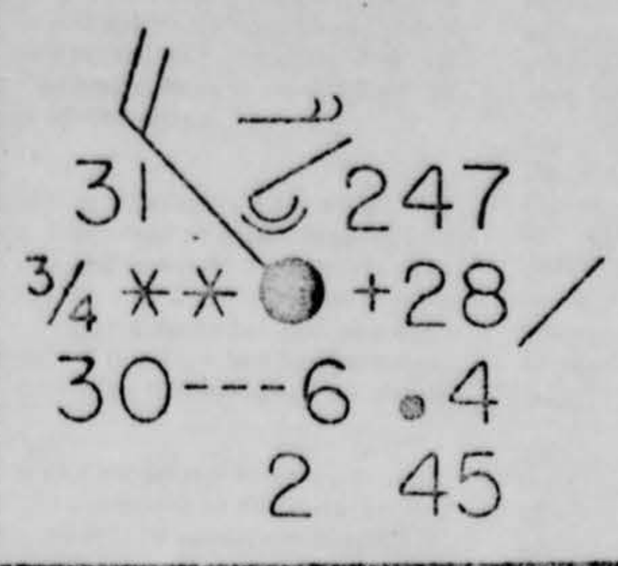
SAMPLE CODED MESSAGE

405 83220 12716 24731 67292 30228 74542

SYMBOLIC STATION MODEL



SAMPLE PLOTTED REPORT



EXPLANATION OF SYMBOLS AND MAP ENTRIES (2)

Symbols in order as they appear in the message	Explanation of symbols and decode of example above	Remarks on coding and plotting
iii	Station number 405 = Washington	Usually printed on manuscript maps below station circle. Omitted on Daily Weather Map in favor of printed station names.
N	Total amount of cloud 8 = completely covered	Observed in tenths of cloud cover and coded in Oktas (eighths) according to code table in block (3). Plotted in symbols shown in same table.
dd	True direction from which wind is blowing 32 = 320° = NW	Coded in tens of degrees and plotted as the shaft of an arrow extending from the station circle toward the direction from which the wind is blowing.
ff	Wind speed in knots 20 = 20 knots	Coded in knots (nautical miles per hour) and plotted as feathers and half-feathers representing 10 and 5 knots, respectively, on the shaft of the wind direction arrow. See block (3).
VV	Visibility in miles and fractions 12 = 12, 16 or 3/4 miles	Decoded and plotted in miles and fractions up to 3 1/8 miles. Visibilities above 3 1/8 miles but less than 10 miles are plotted to the nearest whole mile. Values higher than 10 miles are omitted from the map.
WW	Present weather 71 = continuous slight snow	Coded in figures taken from the "ww" table (block (4)) and plotted in the corresponding symbols same block. Entries for code figures 00, 01, 02, and 03 are omitted from this map.
W	Past weather 6 = rain	Coded in figures taken from the "W" table (block (4)) and plotted in the corresponding symbols same block. No entry made for code figures 0, 1, or 2.
PPP	Barometric Pressure (in millibars) reduced to sea-level 247 = 1024.7 mb.	Coded and plotted in tens, units, and tenths of millibars. The initial 9 or 10 and the decimal point are omitted. See block (5).
TT	Current air temperature 31 = 31° F.	Coded and plotted in actual value in whole degrees F. See block (6).
N_h	Fraction of sky covered by low or middle cloud 6 = 7 or 8 tenths	Observed and coded in tenths of cloud cover. Plotted on map as code figure in message. See block (7).
C_L	Cloud type 7 = Fractostratus and/or Fractocumulus of bad weather (scud)	Predominating clouds of types in C_L table (block (8)) are coded from that table and plotted in corresponding symbols.
h	Height of base of cloud 2 = 300 to 599 feet	Observed in feet and coded and plotted as code figures according to code table in block (9).

EXPLANA

Weather maps showing the development and movement of w systems are among the principal tools used by the weather forec Of the several types of maps used, some portray conditions nea surface of the earth, while others depict conditions at various hei the atmosphere. Some cover the entire Northern Hemisphere, others cover only local areas as required for special purposes. maps used for daily forecasting by the Weather Bureau are simi many respects to the printed Daily Weather Map. At Weather B offices, maps showing conditions at the earth's surface are drawn times daily. Maps of upper level temperature, pressure, and hu are prepared twice each day. A more detailed explanation of we forecasting from synoptic charts appears in the pamphlet "We Forecasting," U. S. Department of Commerce, Weather Bureau, and is for sale by the Superintendent of Documents, U. S. Govern Printing Office, Washington 25, D. C.

PRINCIPAL SURFACE WEATHER MAP

To prepare the surface map and present the information quickl pictorially, two actions are necessary: (1) Weather observers at places must go to their posts at regular times each day to observe weather and send the information by wire or radio to the offices the maps are drawn; and (2) the information must be quickly trans to the maps. In order that the necessary speed and economy of and transmission time may be realized, codes have been devis sending the information and for plotting it on the maps.

CODES AND MAP PLOTTING

A great deal of information is contained in a brief coded wea message. If each item were named and described in plain langu very lengthy message would be required; and it would be confus read and difficult to transfer to a map. Use of a code permit message to be condensed to a few five-figure numeral group figure of which has a meaning depending on its position in the me Persons trained in the use of the code can read the message as as plain language.

The location of the reporting station is printed on the map as a circle (the station circle). A definite arrangement of the data the station circle, called the station model, is used (see bloc When the report is plotted in these fixed positions around the st

CLOUD ABBREVIATION		C_L	DESCRIPT (Abridged From W M
St or Fs-Stratus or Fractostratus	1		Cu of fair weather, li development and seeming
Ci-Cirrus	2		Cu of considerable develo ally towering, with or wi or Sc bases all at same l
Cs-Cirrostratus	3		Cb with tops lacking cle but distinctly not cirri shaped; with or without C
Cc-Cirrocumulus	4		Sc formed by spreadin often present also
Ac-Altocumulus	5		Sc not formed by spreadi
As-Altostratus	6		St or Fs or both, but no Fs
Sc-Stratocumulus	7		Fs and/or Fc of bad weat
Ns-Nimbostratus	8		Cu and Sc (not formed by of Cu) with bases at diffe
Cu or Fc-Cumulus or Fractocumulus	9		Cb having a clearly fibr top, often anvil-shaped, Cu, Sc, St, or scud
Cb-Cumulonimbus			

W

00 — Cloud development NOT observed or NOT observable during past hour

0 — Clouds generally dissolving or becoming less developed during past hour

! — State of unch hour

10 — Light fog

Patches of shallow fog at station NOT deeper than 6 feet on land

More shallow NOT d on land

20 — Drizzle (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation

Rain (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation

Snow showe hour, b obser

30 — Slight or moderate dust storm or sand storm, has decreased during past hour

Slight or moderate dust storm or sand storm, no appreciable change during past hour

Slight storm has in past h

40 — Fog at distance at time of observation, but NOT

Fog in patches

Fog has b

EXPLANATION OF TH

Weather maps showing the development and movement of weather systems are among the principal tools used by the weather forecaster. Of the several types of maps used, some portray conditions near the surface of the earth, while others depict conditions at various heights in the atmosphere. Some cover the entire Northern Hemisphere, while others cover only local areas as required for special purposes. The maps used for daily forecasting by the Weather Bureau are similar in many respects to the printed Daily Weather Map. At Weather Bureau offices, maps showing conditions at the earth's surface are drawn four times daily. Maps of upper level temperature, pressure, and humidity are prepared twice each day. A more detailed explanation of weather forecasting from synoptic charts appears in the pamphlet "Weather Forecasting," U. S. Department of Commerce, Weather Bureau, 1952, and is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

PRINCIPAL SURFACE WEATHER MAP

To prepare the surface map and present the information quickly and pictorially, two actions are necessary: (1) Weather observers at many places must go to their posts at regular times each day to observe the weather and send the information by wire or radio to the offices where the maps are drawn; and (2) the information must be quickly transcribed to the maps. In order that the necessary speed and economy of space and transmission time may be realized, codes have been devised for sending the information and for plotting it on the maps.

CODES AND MAP PLOTTING

A great deal of information is contained in a brief coded weather message. If each item were named and described in plain language, a very lengthy message would be required; and it would be confusing to read and difficult to transfer to a map. Use of a code permits the message to be condensed to a few five-figure numeral groups, each figure of which has a meaning depending on its position in the message. Persons trained in the use of the code can read the message as easily as plain language.

The location of the reporting station is printed on the map as a small circle (the station circle). A definite arrangement of the data around the station circle, called the station model, is used (see block 1). When the report is plotted in these fixed positions around the station circle on the weather map, many of the code figures are transcribed exactly as sent. Entries in the station model which are not made in code figures or actual values found in the message are usually in the form of symbols which graphically represent the element concerned. In some cases, certain of the data may or may not be reported by the observer, depending on local weather conditions. Precipitation and clouds are examples. In such cases the absence of an entry on the map is interpreted as non-occurrence or non-observance of the phenomena. The letter "M" is entered where data are normally observed but not received by teletypewriter.

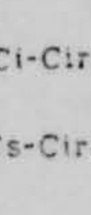
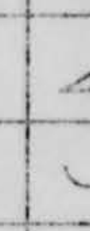
Both the code and the station model are based on international agreements. Through such standardized use of numerals and symbols, a meteorologist of one country can use the weather reports and weather maps of another country even though he does not understand the language. Weather codes are, in effect, an international language making possible complete interchange and use of worldwide weather reports so essential in present-day activities.

The international code form for surface reports used by the Weather Bureau beginning January 1, 1955, is shown in abridged form in block 1 together with a corresponding sample message. Also included are the symbolic station model used on the printed map, a sample station model entered from the sample message, and an explanation of the symbols with remarks on map entries in block 2.

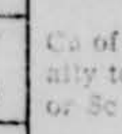
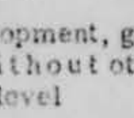
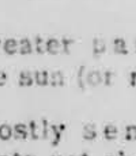
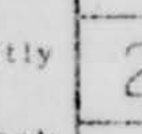
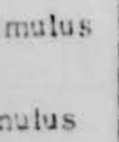
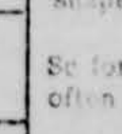
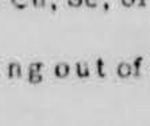
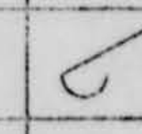
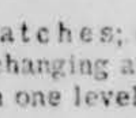
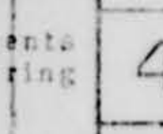
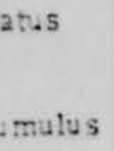
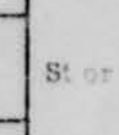
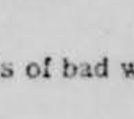
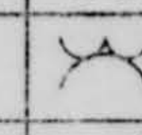
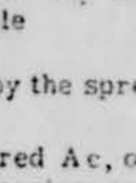
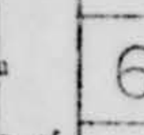
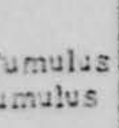
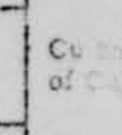
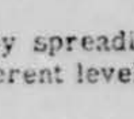
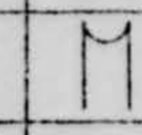
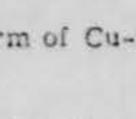
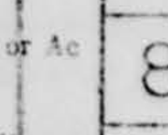
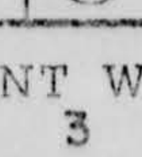
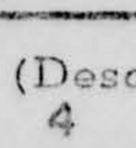
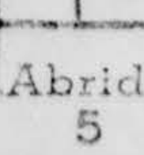
Many of the elements in the plotting model are entered in values which can be interpreted directly. However, some require reference to code tables. These tables are given in the numbered blocks, 3 through 7, to the right of the station model and explanation of symbols and map entries. Those who wish a more complete explanation of the code are referred to the Manual for Synoptic Code (WBAN) which is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

FRONTS AND AIR MASSES

The boundary between two different air masses is called a "front." Important changes in weather, temperature, wind direction, and clouds, often occur with the passage of a front. Half circles and/or triangular symbols are placed on the lines representing fronts to indicate the kind of front. The side on which the symbols are placed indicates the

CLOUD ABBREVIATION		C_L	DESCRIPTION (Abridged From W M O Code)		C_M	DESCRIPTION (Abridged From W M O Code)	
St or Fs-Stratus or Fractostratus	1		Cu of fair weather, little vertical development and seemingly flattened	1		Thin As (most of cloud layer semi-transparent)	1
Ci-Cirrus	2		Cu of considerable development, generally towering, with or without other Cu or Sc bases all at same level	2		Thick As, greater part sufficiently dense to hide sun (or moon), or Ns	2
Cs-Cirrostratus	3		Cb with tops lacking clear-cut outlines, but distinctly not cirriform or anvil-shaped; with or without Cu, Sc, or St	3		Thin Ac, mostly semi-transparent; cloud elements not changing much and at a single level	3
Cc-Cirrocumulus	4		Sc formed by spreading out of Cu; Cu often present also	4		Thin Ac in patches; cloud elements continually changing and/or occurring at more than one level	4
Ac-Altocumulus	5		Sc not formed by spreading out of Cu	5		Thin Ac in bands or in a layer gradually spreading over sky and usually thickening as a whole	5
As-Altostratus	6		St or Fs or both, but no Fs of bad weather	6		Ac formed by the spreading out of Cu	6
Sc-Stratocumulus	7		Fs and/or Fc of bad weather (scud)	7		Double-layered Ac, or a thick layer of Ac, not increasing; or Ac with As and/or Ns	7
Ns-Nimbostratus	8		Cu and Sc (not formed by spreading out of Cu) with bases at different levels	8		Ac in the form of Cu-shaped tufts or Ac with turrets	8
Cu or Fc-Cumulus or Fractocumulus	9		Cb having a clearly fibrous (cirriform) top, often anvil-shaped, with or without Cu, Sc, St, or scud	9		Ac of a chaotic sky, usually at different levels; patches of dense Ci are usually present also	9

WW PRESENT WEATHER (Descriptions Abridge

0	1	2	3	4	5
00 Cloud development NOT observed or NOT observable during past hour	 Clouds generally dissolving or becoming less developed during past hour	 State of sky on the whole unchanged during past hour	Clouds generally forming or developing during past hour	 Visibility reduced by smoke	 Haze
10  Light fog	 Patches of shallow fog at station, NOT deeper than 6 feet on land	 More or less continuous shallow fog at station, NOT deeper than 6 feet on land	 Lightning visible, no thunder heard	 Precipitation within sight, but NOT reaching the ground	 Precipitation within sight, reaching ground, but distant from station
20  Drizzle (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation	 Rain (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation	 Snow (NOT falling as showers) during past hour, but NOT at time of observation	 Rain and snow (NOT falling as showers) during past hour, but NOT at time of observation	 Freezing drizzle or freezing rain (NOT falling as showers) during past hour, but NOT at time of observation	 Showers of rain during past hour, but NOT at time of observation
30  Slight or moderate dust storm or sand storm, has decreased during past hour	 Slight or moderate dust storm or sand storm, no appreciable change during past hour	 Slight or moderate dust storm or sand storm, has increased during past hour	 Severe dust storm or sand storm, has decreased during past hour	 Severe dust storm or sand storm, no appreciable change during past hour	 Severe dust storm or sand storm, has decreased during past hour
40 Fog at distance at time of observation, but NOT at station during past hour	Fog in patches	Fog, sky discernible, has become thinner during past hour	 Fog, sky NOT discernible, has become thinner during past hour	 Fog, sky discernible, no appreciable change during past hour	 Fog, sky NOT discernible, no appreciable change during past hour
50					

OF THE WEATHER MA

r map, many of the code figures are transcribed
ries in the station model which are not made in
values found in the message are usually in the
graphically represent the element concerned.
of the data may or may not be reported by the
on local weather conditions. Precipitation and
In such cases the absence of an entry on the map
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rm for surface reports used by the Weather
1, 1955, is shown in abridged form in block (1)
nding sample message. Also included are the
sed on the printed map, a sample station model
message, and an explanation of the symbols
ries in block (2)

he plotting model are entered in values which
ly. However, some require reference to code
given in the numbered blocks, (3) through (4) to
del and explanation of symbols and map entries.
complete explanation of the code are referred
Code (WBAN) which is for sale by the Super-
U. S. Government Printing Office, Washington

S

different air masses is called a "front."
her, temperature, wind direction, and clouds,
ge of a front. Half circles and/or triangular
e lines representing fronts to indicate the kind
h the symbols are placed indicates the direction of frontal movement. The boundary of relatively cold air of polar origin advancing into an area occupied by warmer air, often of tropical origin, is called a "cold front." The boundary of relatively warm air advancing into an area occupied by colder air is called a "warm front." The line along which a cold front has overtaken a warm front at the ground is called an "occluded front." A boundary between two air masses, which shows at the time of observation little tendency to advance into either the warm or cold areas, is called a "stationary front." Air mass boundaries are known as "surface fronts" when they intersect the ground, and as "upper air fronts" when they do not. Surface fronts are drawn in solid black, fronts aloft are drawn in outline only.

Front symbols are given below:

Cold front (surface) — Stationary front (surface)

Warm front (surface) — Warm front (aloft)

Occluded front (surface) — Cold front (aloft)

A front which is disappearing or is weak and decreasing in intensity is labeled "Frontolysis."

A front which is forming is labeled "Frontogenesis."

A "squall line" is a line of thunderstorms or squalls usually accompanied by heavy showers and shifting winds, and is indicated as

The paths followed by individual disturbances are called storm tracks and are shown as . The symbols indicate past positions of the low pressure center at 6-hour intervals.

"HIGH" (H) and "LOW" (L) indicate the centers of high and low barometric pressure.

Solid lines are isobars and connect points of equal sea level barometric pressure. The spacing and orientation of these lines on weather maps are an indication of speed and direction of wind flow. In general, wind direction is parallel to these lines with low pressure to the left of observer looking downwind. Speed is directly proportional to the closeness of the lines (termed pressure gradient). Isobars are labeled in the metric unit, millibars, and may be convert
use of the scale in block (1).

Isotherms are lines connecting points o
isotherms are drawn on the large surface
The freezing or 32° F. isotherm is drawn a
isotherm is drawn as a dash-dot (-·-·-·-)

Masses of air are classified to indicate th
teristics. For example, the letter P (Polar
from northern regions, and the letter T
warm air from southerly regions. Le
indicate air of maritime characteristics (
istics (c). Letters placed after P and T show
(k) or warmer (w) than the surface over whi
(+) between two air mass symbols indicate
arrow → between two symbols indicates
changing from one type to the other. Two a
the other and separated by a line, indicat
other at lower levels. Air mass symbols ar
the following letters:

m = Maritime; c = Continental; A = Arcti
E = Equatorial; S = Superior (a warm,
origin aloft);
k = colder, and w = warmer than the surf
is moving.

Areas where precipitation is occurring at th
shaded.

AUXILIARY M

TEMPERATURE MAP

Temperature data are entered from selecte
United States. The figures entered above the
mum temperatures reported from these sta
ending 1:00 a.m., E.S.T.; the figures enter
denote minimum temperature during the 24 h
E.S.T., of the previous day. The letter "M

DESCRIPTION (Abridged From W. M. O. Code)		C_H	DESCRIPTION (Abridged From W. M. O. Code) (5)	R_t	TIME OF PRECIPITATION (6)	h	HEIGHT IN FEET (Rounded Of
Thin As (most of cloud layer semi-transparent)	1		Filaments of Ci, or "mares tails," scattered and not increasing	0	No Precipitation	0	0 - 149
Thick As, greater part sufficiently dense to hide sun (or moon), or Ns	2		Dense Ci in patches or twisted sheaves, usually not increasing, sometimes like remains of Cb; or towers or tufts	1	Less than 1 hour ago	1	150 - 299
Thin Ac, mostly semi-transparent; cloud elements not changing much and at a single level	3		Dense Ci, often anvil-shaped, derived from or associated with Cb	2	1 to 2 hours ago	2	300 - 599
Thin Ac in patches; cloud elements continually changing and/or occurring at more than one level	4		Ci, often hook-shaped, gradually spreading over the sky and usually thickening as a whole	3	2 to 3 hours ago	3	600 - 999
Thin Ac in bands or in a layer gradually spreading over sky and usually thickening as a whole	5		Ci and Cs, often in converging bands, or Cs alone; generally overspreading and growing denser; the continuous layer not reaching 45° altitude	4	3 to 4 hours ago	4	1,000 - 1,999
Ac formed by the spreading out of Cu	6		Ci and Cs, often in converging bands, or Cs alone; generally overspreading and growing denser; the continuous layer exceeding 45° altitude	5	4 to 5 hours ago	5	2,000 - 3,499
Double-layered Ac, or a thick layer of Ac, not increasing, or Ac with As and/or Ns	7		Veil of Cs covering the entire sky	6	5 to 6 hours ago	6	3,500 - 4,999
Ac in the form of Cu-shaped tufts or Ac with turrets	8		Cs not increasing and not covering entire sky	7	6 to 12 hours ago	7	5,000 - 6,499
Ac of a chaotic sky, usually at different levels; patches of dense Ci are usually present also	9		Cc alone or Cc with some Ci or Cs, but the Cc being the main cirriform cloud	8	More than 12 hours ago	8	6,500 - 7,999
				9	Unknown	9	At or above 8,000, or no clouds

(8)

EATHER (Descriptions Abridged from W. M. O. Code)

4 — Visibility reduced by smoke

5 — Haze

6 — Widespread dust in suspension in the air, NOT raised by wind, at time of observation

7 — Dust or sand raised by wind, at time of observation

8 — Well developed dust devil(s) within past hour

9 — Dust storm or sand storm within sight of or at station during past hour

Precipitation within sight, but NOT reaching the ground

Precipitation within sight, reaching the ground, near to but NOT at station

Thunder heard, but no precipitation at the station

Squall(s) within sight during past hour

Funnel cloud(s) within sight during past hour

Freezing drizzle or freezing rain (NOT falling as showers) during past hour, but NOT at time of observation

Showers of rain during past hour, but NOT at time of observation

Showers of snow, or of rain and snow, during past hour, but NOT at time of observation

Showers of hail, or of hail and rain, during past hour, but NOT at time of observation

Fog during past hour, but NOT at time of observation

Thunderstorm (with or without precipitation) during past hour, but NOT at time of obs.

Severe dust storm or sand storm, no appreciable change during past hour

Severe dust storm or sand storm, has increased during past hour

Slight or moderate drifting snow, generally low

Heavy drifting snow, generally low

Slight or moderate drifting snow, generally high

Heavy drifting snow, generally high

Fog, sky discernible, no appreciable change during past hour

Fog, sky NOT discernible, no appreciable change during past hour

Fog, sky discernible, has begun or become thicker during past hour

Fog, sky NOT discernible, has begun or become thicker during past hour

Fog, depositing rime, sky discernible

Fog, depositing rime, sky NOT discernible

metric unit, millibars, and may be converted to inches of mercury by use of the scale in block (17).

Isotherms are lines connecting points of equal temperature. Two isotherms are drawn on the large surface weather map when applicable. The freezing or 32° F. isotherm is drawn as a dashed line (- - -), the 0° F. isotherm is drawn as a dash-dot (— · — · —) line.

Masses of air are classified to indicate their origin and basic characteristics. For example, the letter P (Polar) denotes relatively cold air from northern regions, and the letter T (Tropical) denotes relatively warm air from southerly regions. Letters placed before P and T indicate air of maritime characteristics (m) or continental characteristics (c). Letters placed after P and T show that the air mass is colder (k) or warmer (w) than the surface over which it is moving. A plus sign (+) between two air mass symbols indicates mixed air masses, and an arrow → between two symbols indicates a transitional air mass changing from one type to the other. Two air mass symbols, one above the other and separated by a line, indicate one air mass aloft and another at lower levels. Air mass symbols are formed by combinations of the following letters:

m = Maritime; c = Continental; A = Arctic; P = Polar, T = Tropical;
E = Equatorial; S = Superior (a warm, dry air mass having its origin aloft);
k = colder, and w = warmer than the surface over which the air mass is moving.

Areas where precipitation is occurring at the time of observation are shaded.

AUXILIARY MAPS

TEMPERATURE MAP

Temperature data are entered from selected weather stations in the United States. The figures entered above the station dot denote maximum temperatures reported from these stations during the 24 hours ending 1:00 a.m., E.S.T.; the figures entered below the station dot denote minimum temperature during the 24 hours ending at 1:00 p.m., E.S.T., of the previous day. The letter "M" denotes missing data. Shaded areas labeled "HIGHER" or "LOWER" indicate the areas where temperatures recorded at 1:00 a.m., E.S.T., are at least 10° warmer or colder than 24 hours ago.

PRECIPITATION MAP

Precipitation data are entered from selected weather stations in the United States. When precipitation has occurred at any of these stations in the 24-hour period ending at 1:00 a.m., E.S.T., the total amount, in inches and hundredths, is entered above the station dot. When the figures for total precipitation have been compiled from incomplete data and entered on the map, the amount is underlined. "T" indicates a trace of precipitation, and the letter "M" denotes missing data. The geographical areas where precipitation has fallen during the 24 hours ending at 1:00 a.m., E.S.T., are shaded.

CONTINENTAL MAP

The insert map of nearly the entire North American continent shows the surface pressure pattern and frontal analysis twelve hours earlier than the principal map. Areas of precipitation at map time are shaded.

SURFACE FORECAST MAP

The insert map portrays surface pressure and frontal patterns expected at 7:00 p.m., E.S.T. today, or 18 hours after the principal map. Comparison of this map with the principal map will show forecast movements and changes in the surface pressure and frontal patterns.

500-MILLIBAR MAP

Contour lines, isotherms, and wind arrows are shown on the insert map for the 500-millibar contour level. Solid lines are drawn to show height above sea level and are labeled in feet. Dashed lines are drawn at 5° intervals of temperature, and labeled in degrees Celsius. A temperature conversion table is shown in block (11). True wind direction is shown by "arrows" which are plotted as flying with the wind. The wind speed is shown by flags and feathers, each flag representing 50 knots, each full feather 10 knots, and each half-feather 5 knots. For conversion to miles per hour, refer to block (9).

INQUIRIES

Inquiries regarding these maps may be addressed to Chief, U. S. Weather Bureau, Washington, D. C., 20235.

(4) TIME OF PRECIPITATION	h	(5) HEIGHT IN FEET (Rounded Off)	HEIGHT IN METERS (Approximate)
No Precipitation	0	0 - 149	0 - 49
Less than 1 hour ago	1	150 - 299	50 - 99
1 to 2 hours ago	2	300 - 599	100 - 199
2 to 3 hours ago	3	600 - 999	200 - 299
3 to 4 hours ago	4	1,000 - 1,999	300 - 599
4 to 5 hours ago	5	2,000 - 3,499	600 - 999
5 to 6 hours ago	6	3,500 - 4,999	1,000 - 1,499
6 to 12 hours ago	7	5,000 - 6,499	1,500 - 1,999
More than 12 hours ago	8	6,500 - 7,999	2,000 - 2,499
Unknown	9	At or above 8,000, or no clouds	At or above 2,500, or no clouds

N	(6) SKY COVERAGE (Total Amount)	Nh	(7) SKY COVERAGE (Low And/Or Middle Clouds)
○	No clouds	0	No clouds
◔	Less than one-tenth or one-tenth	1	Less than one-tenth or one-tenth
◔	Two-tenths or three-tenths	2	Two-tenths or three-tenths
◑	Four-tenths	3	Four-tenths
◑	Five-tenths	4	Five-tenths
◕	Six-tenths	5	Six-tenths
◕	Seven-tenths or eight-tenths	6	Seven-tenths or eight-tenths
●	Nine-tenths or overcast with openings	7	Nine-tenths or overcast with openings
●	Completely overcast	8	Completely overcast
⊗	Sky obscured	9	Sky obscured

(8)

8 — Fog developed during past hour

9 — Dust storm or sand storm within sight of or at station during past hour

▽ — Virga(s) within sight during past hour

)(— Funnel cloud(s) within sight during past hour

Fog during past hour, but NOT at time of observation

Thunderstorm (with or without precipitation) during past hour, but NOT at time of obs.

Slight or moderate drifting snow, generally low

Heavy drifting snow, generally high

Fog, depositing rime, sky discernible

Fog, depositing rime, sky NOT discernible

ff	(MILES) (Statute) Per Hour	(9) KNOTS
◎	Calm	Calm
—	1 - 2	1 - 2
—	3 - 8	3 - 7
—	9 - 14	8 - 12
—	15 - 20	13 - 17
—	21 - 25	18 - 22
—	26 - 31	23 - 27
—	32 - 37	28 - 32
—		

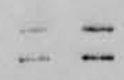
Code Number	a	(10) BAROMETRIC TENDENCY	
0	↗	Rising, then falling	
1	↗	Rising, then steady; or rising, then rising more slowly	Barometer now higher than 3 hours ago
2	↗	Rising steadily, or unsteadily	
3	↗	Falling or steady, then rising; or rising, then rising more quickly	
4	—	Steady, same as 3 hours ago	
5	↘	Falling, then rising, same or lower than 3 hours ago	
6	↘	Falling, then steady; or falling, then falling more slowly	Barometer now lower than 3 hours ago
7	↘	Falling steadily, or unsteadily	
8	↘	Steady or rising, then falling; or falling, then falling more quickly	

	... snow	... symbols same block. Entries for code figures 00, 01, 02, and 03 are omitted from this map.
W	Past weather 6 = rain	Coded in figures taken from the "W" table (block 11) and plotted in the corresponding symbols same block. No entry made for code figures 0, 1, or 2.
ppp	Barometric Pressure (in millibars) reduced to sea-level 247 = 1024.7 mb.	Coded and plotted in tens, units, and tenths of millibars. The initial 9 or 10 and the decimal point are omitted. See block 19.
TT	Current air temperature 31 = 31° F.	Coded and plotted in actual value in whole degrees F. See block 5.
N_h	Fraction of sky covered by low or middle cloud 8 = 7 or 8 tenths	Observed and coded in tenths of cloud cover. Plotted on map as code figure in message. See block 7.
C_L	Cloud type 7 = Fractostratus and/or Fractocumulus of bad weather (scud)	Predominating clouds of types in C_L table (block 6) are coded from that table and plotted in corresponding symbols.
h	Height of base of cloud 2 = 300 to 599 feet	Observed in feet and coded and plotted as code figures according to code table in block 4.
C_M	Cloud type 9 = Altocumulus of chaotic sky	See C_M table in block 8.
C_H	Cloud type 2 = Dense cirrus in patches	See C_H table in block 9.
T_dT_d	Temperature of dewpoint 30 = 30° F.	Coded and plotted in actual value in whole degrees F.
a	Characteristic of barograph trace 2 = rising steadily or unsteadily	Coded according to table in block 10 and plotted in corresponding symbols.
pp	Pressure change in 3 hours preceding observation 28 = 2.8 millibars	Coded and plotted in units and tenths of millibars.
7	Indicator figure	Not plotted.
RR	Amount of precipitation 45 = 0.45 inches	Coded and plotted in inches to the nearest hundredth of an inch.
R_t	Time precipitation began or ended 4 = 3 to 4 hours ago	Coded and plotted in figures from table in block 12.
S	Depth of snow on ground	Not plotted.

	0	1
00	Cloud development NOT observed or NOT observable during past hour	Clouds generally dissolving or becoming less developed during past hour
10	Light fog	Patches of shallow fog at station, NOT deeper than 6 feet on land
20	Drizzle (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation	Rain (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation
30	Slight or moderate dust storm or sand storm, has decreased during past hour	Slight or moderate dust storm or sand storm, no appreciable change during past hour
40	Fog at distance at time of observation, but NOT at station during past hour	Fog in patches
50	Intermittent drizzle (NOT freezing) slight at time of observation	Continuous drizzle (NOT freezing) slight at time of observation
60	Intermittent rain (NOT freezing), slight at time of observation	Continuous rain (NOT freezing), slight at time of observation
70	Intermittent fall of snow flakes, slight at time of observation	Continuous fall of snow-flakes, slight at time of observation
80	Slight rain shower(s)	Moderate or heavy rain shower(s)
90	Moderate or heavy shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder	Slight rain at time of observation; thunderstorm during past hour, but NOT at time of observation

1

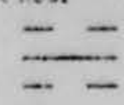
Clouds generally dissolving or becoming less developed during past hour



Patches of shallow fog at station, NOT deeper than 6 feet on land

Rain (NOT freezing and NOT falling as showers) during past hour, but NOT at time of observation

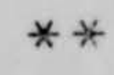
Slight or moderate dust storm or sand storm, no appreciable change during past hour



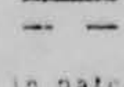
Fog in patches

Continuous drizzle (NOT freezing) slight at time of observation

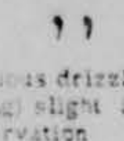
Continuous rain (NOT freezing), slight at time of observation



Continuous fall of snowflakes, slight at time of observation



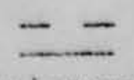
Moderate or heavy rain shower(s)



Slight rain at time of observation; thunderstorm during past hour, but NOT at time of observation

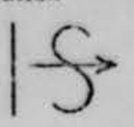
2

State of sky on the whole unchanged during past hour

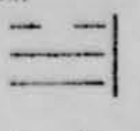


More or less continuous shallow fog at station, NOT deeper than 6 feet on land

Snow (NOT falling as showers) during past hour, but NOT at time of observation



Slight or moderate dust storm or sand storm, has increased during past hour



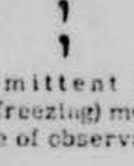
Fog, sky discernible, has become thinner during past hour

Intermittent drizzle (NOT freezing) moderate at time of observation

Intermittent rain (NOT freezing) moderate at time of obs.

Intermittent fall of snowflakes, moderate at time of observation

Violent rain shower(s)



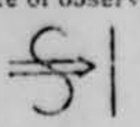
Moderate or heavy rain at time of observation; thunderstorm during past hour, but NOT at time of observation

3

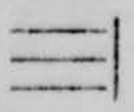
Clouds generally forming or developing during past hour

Lightning visible, no thunder heard

Rain and snow (NOT falling as showers) during past hour, but NOT at time of observation



Severe dust storm or sand storm, has decreased during past hour

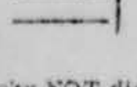


Fog, sky NOT discernible, has become thinner during past hour

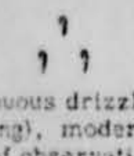
Continuous drizzle (NOT freezing), moderate at time of observation

Continuous rain (NOT freezing), moderate at time of observation

Continuous fall of snowflakes, moderate at time of observation

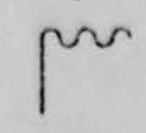


Slight shower(s) of rain and snow mixed



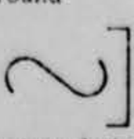
Slight snow or rain and snow mixed or hail at time of observation; thunderstorm during past hour, but not at time of observation

4

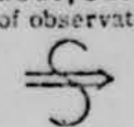


Visibility reduced by smoke

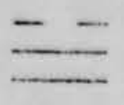
Precipitation within sight, but NOT reaching the ground



Freezing drizzle or freezing rain (NOT falling as showers) during past hour, but NOT at time of observation



Severe dust storm or sand storm, no appreciable change during past hour

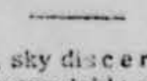


Fog, sky discernible, no appreciable change during past hour

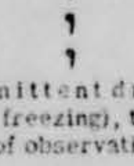
Intermittent drizzle (NOT freezing), thick at time of observation

Intermittent rain (NOT freezing), heavy at time of observation

Intermittent fall of snowflakes, heavy at time of observation



Moderate or heavy shower(s) of rain and snow mixed

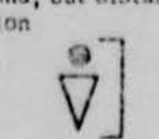


Moderate or heavy snow, or rain and snow mixed or hail at time of observation; thunderstorm during past hour, but NOT at time of obs.

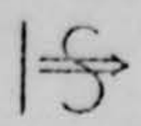
5

Haze

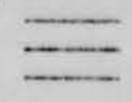
Precipitation within sight, reaching the ground, but distant from station



Showers of rain during past hour, but NOT at time of observation



Severe dust storm or sand storm, has increased during past hour

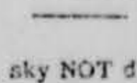


Fog, sky NOT discernible, no appreciable change during past hour

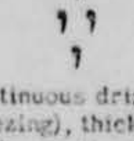
Continuous drizzle (NOT freezing), thick at time of observation

Continuous rain (NOT freezing), heavy at time of observation

Continuous fall of snowflakes, heavy at time of observation



Slight snow shower(s)



Slight or moderate thunderstorm without hail, but with rain and/or snow at time of obs.

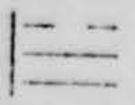
6

Widespread dust in suspension in the air, NOT raised by wind, at time of observation

Precipitation within sight, reaching the ground, near to but NOT at station

Showers of snow, or of rain and snow, during past hour, but NOT at time of observation

Slight or moderate drifting snow, generally low

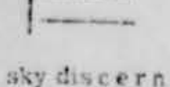


Fog, sky discernible, has begun or become thicker during past hour

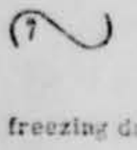
Slight freezing drizzle

Slight freezing rain

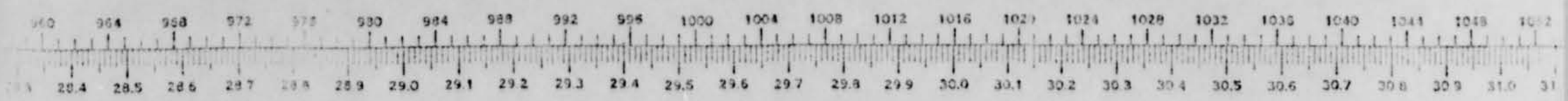
Ice needles (with or without fog)



Slight or moderate thunderstorm, with hail at time of observation



Slight or moderate thunderstorm without hail, but with rain and/or snow at time of observation



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5

Haze

Precipitation within sight, reaching the ground, but distant from station

Showers of rain during past hour, but NOT at time of observation

Severe dust storm or sand storm, has increased during past hour

Fog, sky NOT discernible, no appreciable change during past hour

Continuous drizzle (NOT freezing), thick at time of observation

Continuous rain (NOT freezing), heavy at time of observation

Continuous fall of snowflakes, heavy at time of observation

Slight snow shower(s)

Slight or moderate thunderstorm without hail, but with rain and/or snow at time of obs.

6

Widespread dust in suspension in the air, NOT raised by wind, at time of observation

Precipitation within sight, reaching the ground, near to but NOT at station

Showers of snow, or of rain and snow, during past hour, but NOT at time of observation

Slight or moderate drifting snow, generally low

Fog, sky discernible, has begun or become thicker during past hour

Slight freezing drizzle

Slight freezing rain

Ice needles (with or without fog)

Moderate or heavy snow shower(s)

Slight or moderate thunderstorm, with hail at time of observation

7

Dust or sand raised by wind, at time of observation

Thunder heard, but no precipitation at the station

Showers of hail, or of hail and rain, during past hour, but NOT at time of observation

Heavy drifting snow, generally low

Fog, sky NOT discernible, has begun or become thicker during past hour

Moderate or thick freezing drizzle

Moderate or heavy freezing rain

Granular snow (with or without fog)

Slight shower(s) of soft or small hail with or without rain, or rain and snow mixed

Heavy thunderstorm, without hail, but with rain and/or snow at time of observation

8

Well developed dust devil(s) within past hour

Squall(s) within sight during past hour

Fog during past hour, but NOT at time of observation

Slight or moderate drifting snow, generally high

Fog, depositing rime, sky discernible

Drizzle and rain, slight

Rain or drizzle and snow, slight

Isolated starlike snow crystals (with or without fog)

Moderate or heavy shower(s) of soft or small hail with or without rain, or rain and snow mixed

Thunderstorm combined with dust storm or sand storm at time of obs.

9

Dust storm or sand storm within sight of or at station during past hour

Funnel cloud(s) within sight during past hour

Thunderstorm (with or without precipitation) during past hour, but NOT at time of obs.

Heavy drifting snow, generally high

Fog, depositing rime, sky NOT discernible

Drizzle and rain, moderate or heavy

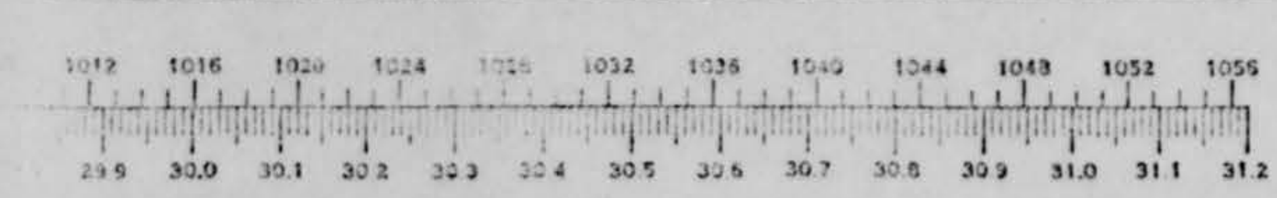
Rain or drizzle and snow, moderate or heavy

Ice pellets (sleet, U. S. definition)

Slight shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder

Heavy thunderstorm with hail at time of observation

11



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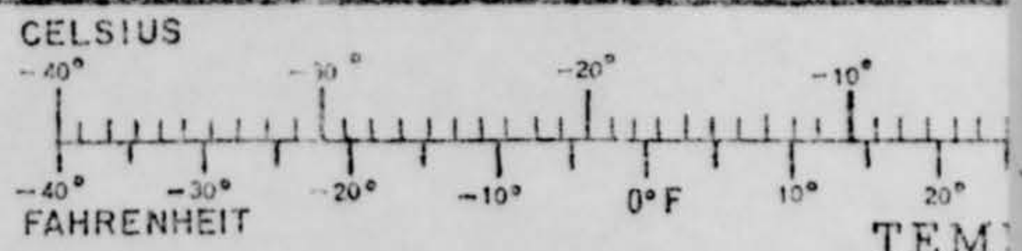


AFR 80-17(C1)

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL NUMBER 21-R359

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. *(IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)*

1. WHEN DID YOU SEE THE PHENOMENON? DAY 3 MONTH MARCH YEAR 68

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON? HOUR 9 MINUTES 45 ☐ A.M. ☒ P.M.

3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON? HOUR 9 MINUTES 46 ☐ A.M. ☒ P.M.

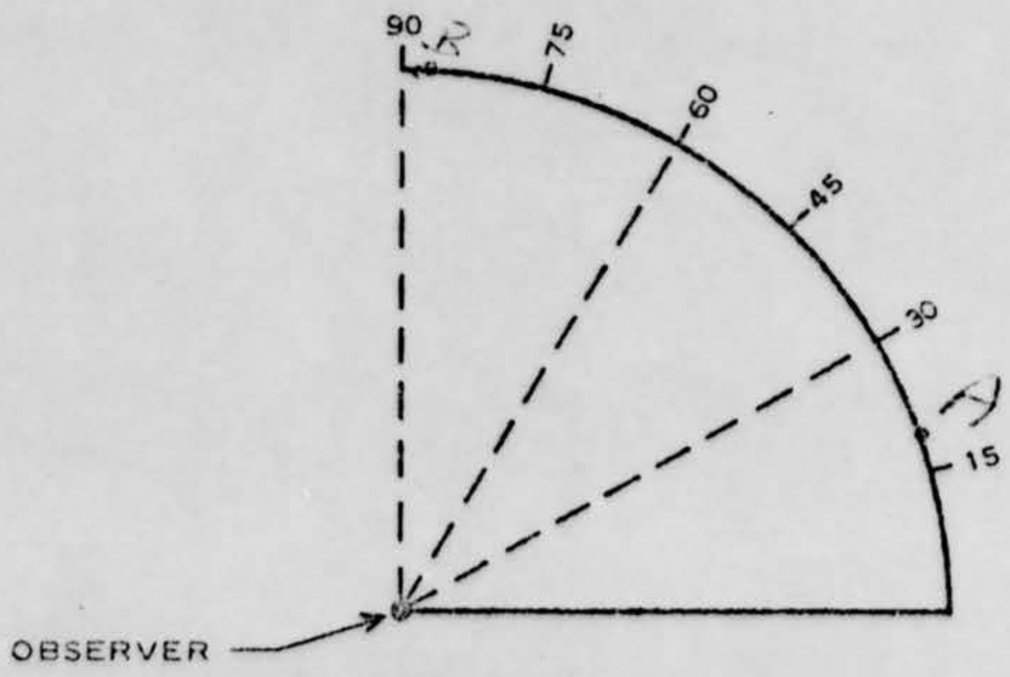
4. TIME ZONE ☐ DAYLIGHT SAVINGS ☒ STANDARD

☒ EASTERN ☐ CENTRAL ☐ MOUNTAIN ☐ PACIFIC ☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

N

6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.



AF FORM AUG 67 117

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at time of obs.

Heavy thunderstorm with hail at time of observation

"	(Statute) Per Hour	KNOTS
◎	Calm	Calm
—	1 - 2	1 - 2
⌐—	3 - 8	3 - 7
L—	9 - 14	8 - 12
L—	15 - 20	13 - 17
L—	21 - 25	18 - 22
L—	26 - 31	23 - 27
L—	32 - 37	28 - 32
L—	38 - 43	33 - 37
L—	44 - 49	38 - 42
L—	50 - 54	43 - 47
L—	55 - 60	48 - 52
L—	61 - 66	53 - 57
L—	67 - 71	58 - 62
L—	72 - 77	63 - 67
L—	78 - 83	68 - 72
L—	84 - 89	73 - 77
L—	119 - 123	103 - 107

Code Number	d	TENDENCY
0	⌒	Rising, then falling
1	⌒	Rising, then steady; or rising, then rising more slowly
2	/	Rising steadily, or unsteadily
3	✓	Falling or steady, then rising; or rising, then rising more quickly
4	—	Steady, same as 3 hours ago
5	⌒	Falling, then rising, same or lower than 3 hours ago
6	⌒	Falling, then steady; or falling, then falling more slowly
7	\	Falling steadily, or unsteadily
8	⌒	Steady or rising, then falling; or falling, then falling more quickly

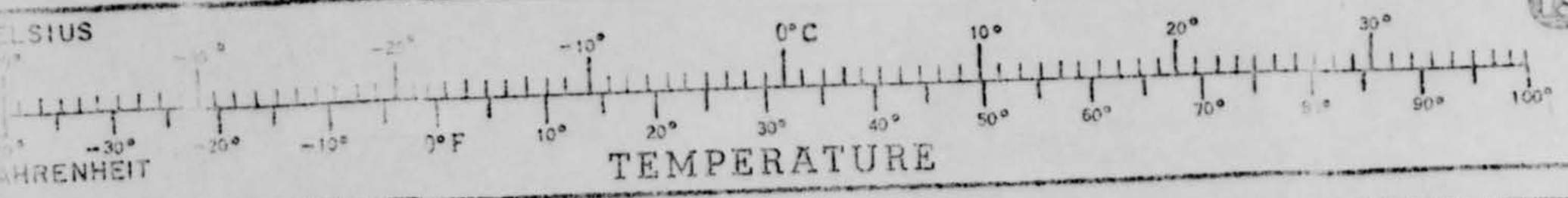
Barometer now higher than 3 hours ago

Barometer now lower than 3 hours ago

Code Number	W	PAST WEATHER (11)
0		Clear or few clouds
1		Partly cloudy (scattered) or variable sky
2		Cloudy (broken) or overcast
3	≡	Sandstorm or dust-storm, or drifting or blowing snow
4	≡	Fog, or smoke, or thick dust haze
5	,	Drizzle
6	•	Rain
7	*	Snow, or rain and snow mixed, or ice pellets (sleet)
8	▽	Shower(s)
9	⌐	Thunderstorm, with or without precipitation

Not Plotted

(13)



TEMPERATURE

WEA 105

[redacted] Jr.
[redacted]

Dear Sir.

To add to your file on the March 3rd sighting of Zond IV. This was clearly visible from my front lawn - frightened my 11 year old son Emerson who was out w his Telescope - + was very interesting to me. The ball of fire was very large + made a meteorite like object appear to slow down + float as it burned. There was no sound.

336

of all of Kind: I was surprised
when I saw no mention of
the object in the paper the next
day, it was so unusual I
assumed TV - radio & papers
would be full of it & so despite
the request of my son did not
report it.

Most Sincerely-

[redacted]

Flaming Objects Seen by Many Traced to a Soviet Space Shot

By WALTER SULLIVAN

At about 9:45 P.M Eastern Standard Time on March 3 a woman in Indiana looked out a window and saw a procession of fiery objects fly past in the sky.

"Two or three minutes later," she reported to the United States Air Force the next day, "my cousin, my aunt and my uncle came running into the house and yelling and trying to tell me about the U.F.O. [unidentified flying object] they saw.

"It was at about treetop level and was seen very very clearly and was just a few yards away," she continued. "All of the observers saw a long jet airplane looking vehicle without any wings. It was on fire both in front and behind. All observers also saw many windows in the U.F.O."

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The woman, although she had slept 10 hours the night before, said she had had "an overpowering drive to sleep." She had the same experience after seeing a U.F.O. in 1966.

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What she and the other witnesses saw, the Air Force believes, was the re-entry into the atmosphere of the booster rocket, or other launching components, of Zond 4, a space vehicle launched from the Soviet Union the day before. A study of Air Force files in Ohio has shown it to be one of the most thoroughly documented — and revealing — U.F.O. episodes to date.

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Continued on Page 10, Column 1

NEW YORK TIMES
JULY 2, 1968

Flying Saucer Is Traced to Space Shot by Soviet

Continued From Page 1, Col. 3

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A study of this file illustrates the excitement that grips some observers when confronted with a U.F.O. However, it also shows that others, such as airline pilots, can help reconstruct what actually happened, particularly when their reports are sufficiently numerous to weed out these that are misleading.

Included in the file are reports from an Eastern Airline pilot over Connecticut, a United Air Lines flight over Indiana, an American Airlines plane over Pennsylvania, a Piedmont Airlines pilot over Virginia and an Air Canada pilot north of Toronto.

Their in-flight reports led the air traffic control centers of the Federal Aviation Agency in indianapolis and New York to search their radar scopes, but no unidentified objects below 60,000 feet could be detected.

At least two of those reporting to the Air Force guessed that they had witnessed the re-entry of a spacecraft. Most pilots, however, were perplexed by what seemed a formation flight of several vehicles. Most also thought the strange craft were only a few thousand feet above them, instead of near the fringes of space.

A 98-Cent Bargain

Such a "formation flying" seems typical of unplanned reentries. Yesterday, satellite trackers at the Smithsonian Astrophysical Observatory in Cambridge, Mass., recalled what they refer to as the "Milwaukee Miracle." Early on Sept. 5, 1962, one of its Moonwatch (Satellite-tracking) teams had been alerted to watch for the fall of Sputnik 4, due to pass overhead at 4:58 A.M. The chances that anyone would see the plunge were considered slight.

Eight minutes before the predicted pass a team member, with a 98-cent telescope mounted on a hoe handle, saw a brilliant object approaching. It broke into six pieces that flew across the sky in procession, then snuffed out.

Shortly thereafter a police patrol car saw a dark object embedded in the white centerline of a street in Manitowoc, Wis. It was almost too hot to handle and was soon identified as a chunk of Sputnik 4. Other pieces were found nearby.

In the incident on March 3, the Air Force believes, such a procession of fiery objects looked like lighted windows to some observers. Lieut. Col. Hector Quintanilla, head of the Aerial Phenomenon Office in Ohio, believes from the reports on file that the debris passed over Lexington, Ky., and Pittsburgh, Pa. Any surviving fragments, according to his estimate, fell near the Pennsylvania-New York line.

The New York Times July 2, 1968

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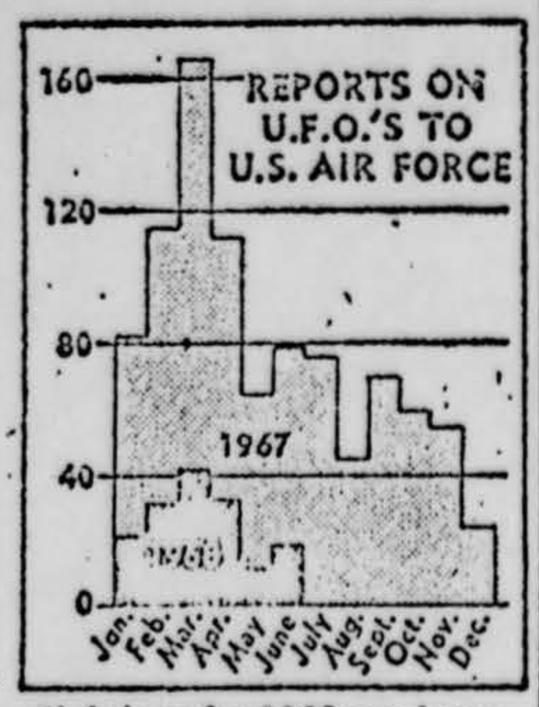


Sightings for 1968 are down

Further Clues Sought

His office has been phoning police barracks throughout the suspected impact area in a search of further clues. However, specialists at the Smithsonian Astrophysical Observatory doubt that scraps like those that fell on Wisconsin will be found in that area, much of which is forested.

A number of the reports on this episode came from motorists, including business executives and other well-educated observers. Several ruled out a meteorite plunge on the ground that the object changed course in mid-flight. This may have been an illusion caused by motion of the observer.

Almost all were impressed by the silence of the flight, but one man reported a sound like that of a tin sheet being thrown in the air. Another said that 72 grass fires occurred in his neighborhood the next day and suggested a possible association with the U.F.O. visit. A science teacher, who said he held a doctor's degree, reported trying to signal to the U.F.O. with a flashlight.

Many of the pilots' reports were collected by H. E. Roth of the United Air Lines office in Denver. He is project director of the Volunteer Flight Officer Network, which collects pilot sightings of U.F.O.'s.

U.F.O. Reports Decline

Despite the March flurry, a puzzling aspect of the U.F.O. situation, according to Colonel Quintanilla, is the sharp decline in reports of sightings this year. They are reaching the Air Force at roughly one-quarter the monthly rate of a year earlier. In Washington yesterday, the headquarters of the National Investigations Committee on Aerial Phenomena said that it, too, had seen a sharp decline from a year ago. There was also a slight drop from 1966 to 1967.

In 1966, several much-publicized U.F.O. episodes in Michigan and elsewhere apparently stimulated further reports. As of last weekend the Air Force had received 156 reports since Jan. 1. Of these 21 were attributed to planets or other astronomical objects, 19 to aircraft, 10 to balloons, 8 to earth satellites and 22 to other known causes. There are 35 cases pending and 41 that have not yet been identified.

A University of Colorado study of the U.F.O. phenomenon, directed by Dr. Edward U. Condon, is being drafted and should be released by the end of this year. It is an attempt to assess the phenomenon from a scientific point of view.

Aeronautics & Astronautics, July '68

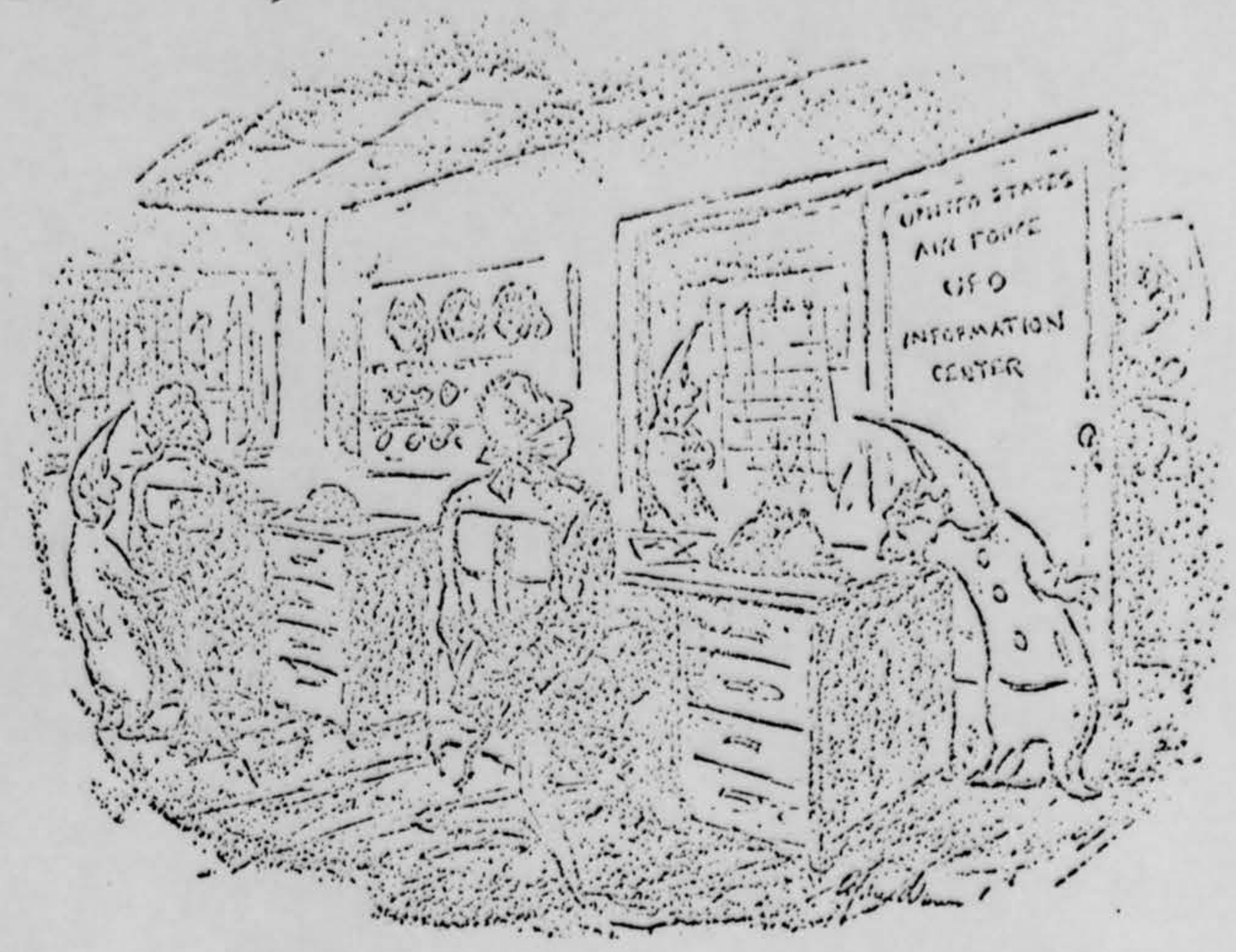
petition chiefly concerns *share of a small market or a large one*. Personally, I prefer a lesser percentage in a growing large-scale market than a larger share in a restricted, static market; and I believe we have reached the stage that only joint industry activities and promotion can develop the necessary traffic to secure the economy of air transport in the 1970s.

Moreover, during the last eight years, while prices rose constantly in an inflationary spiral, international scheduled aviation succeeded in counterbalancing increased costs with increased efficiency, thus constantly reducing the cost per pax/km or ton/km. Paradoxically, while the cost of living increased everywhere, the only industry to reduce prices dramatically was international aviation. *This process has now come to an end.*

To gain economically in the future, airlines must enter the field of organizing and supplying land arrangements to the tour operators for their markets thereby placing tour packages on a more efficient and less costly basis. Airline expenses could be reduced further by cooperation in fleet utilization. Operationally this could be achieved on a regional basis, and on a much wider scale in the field of technical maintenance. I believe that greater and better planning of cooperation in these spheres could bring about reduced maintenance costs, savings in spare parts and, through better fleet utilization, obviate the purchase of flight equipment to cover marginal needs.

Such increased cooperation in fleet exploitation and maintenance will soon become a vital necessity and one of the most important ways to insure a sound basis for the economy of the airline industry. IATA could form an appropriate organizational framework for regional as well as a worldwide cooperation along these lines.

M. Ben-Ari
El Al Israel Airlines



"I assure you, Madam, if any such creatures as you describe really existed, we would be the first to know about it."
Drawing by Alan Dunn; © 1966 The New Yorker Magazine, Inc.

Pass me another UFO, please!

Actually, I don't really want another UFO. I have lost my appetite for the subject and would like to see a moratorium declared, at least until Professor Edward Condon publishes his report on the UFO Study, which the Air Force has financed at the Univ. of Colorado.

But, like a potato chip addict, I can't resist the opportunity to reply to a UFO statement such as the one presented by S. T. Friedman in this column in the February 1968 issue of *Astronautics & Aeronautics*.

Friedman starts reasonably enough by reminding us that a UFO ceases to be a UFO once it is identified, and he ends reasonably, although irrelevantly, by going with great expertness into the field of plasma-vehicle interactions. But, in the middle of his essay, he puts the burden on us skeptics to derive a hypothesis to fit the "facts" with anything but extraterrestrial vehicles. The "facts," of course, are a hodgepodge of miscellaneous items reported by miscellaneous people, observed by miscellaneous pieces of equipment, including Mark-I eyeballs and extrasensory perception. True, there are many data that are reliable and as yet unexplained. Perhaps the Condon Study will find an explanation. But it is a difficult job to discover how various blips of light or of other electromagnetic radiation are produced, since the observations are never very complete; and it is certainly farfetched to invoke the supernatural or extraterrestrial for the small number of unexplained cases, when rather similar sets of observations can be accounted for in a straightforward way.

In any case, the absence of a ready explanation does not prove very much about extraterrestrial visitors. We need positive evidence based on actual encounters.

As for me, I will continue to delight in reading such reports. I have a whole collection of them and they are charming. I particularly like the warning on the first page of Frank Edwards' book, "Flying Saucers—Serious Business":

"Do not stand under a UFO that is hovering at low altitudes."

But the questions are always the best part. You are made to feel that, if you can't answer the question, then this proves the existence of a flying saucer. I have some great ones, but I will always like: "What was the strange substance that dribbled from a crippled disc over Brazil in 1954?"

My favorite quotation is the one attributed to Sir Harold Jeffreys, the great Cambridge geophysicist. When Adamski's book, "The Flying Saucers Have Landed," hit England, the Sunday papers devoted a great deal of space reviewing Adamski's encounters with the little people in the saucers. Perhaps too much space—at least, that's what a lot of Cambridge scientists thought; and they expressed themselves very vocally on the fact that such nonsense should even be reviewed. All during their ranting and raving, Sir Harold kept his cool. Finally, when the commotion had died down, he removed his cigarette, smoked down to a tiny stub, unwound his legs, and muttered: "Bad luck, these chaps from Venus, bumping into a known crank!"

But, of course, there are many books I have not yet read. Still on my desk is an advertisement from the *New York Times* announcing that "Dr. Raymond Bernard, A.B., M.A., Ph.D., scholar and author of 'The Hollow Earth' says the true home of the flying saucers is a huge underground world whose entrance is at the North Polar Opening. Dr. Bernard believes that in the hollow interior of the Earth lives a super race which wants nothing to do with man of the surface; that these supermen launched their flying saucers only after man threatened the world with A-Bombs." And if you don't believe this preposterous statement, how can you explain the following? "Why does one find tropical seeds, plants, and trees floating in the fresh waters of icebergs? Why do millions of tropical birds and animals go farther North in the wintertime? etc., etc." (At least you can get the book without sending any money. "If not delighted, return the volume, and you owe nothing.")

As I said, I'll wait for Dr. Condon's report.

S. Fred Singer
Department of the Interior

Flaming Objects Seen by Many Traced to a Soviet Space Shot

By WALTER SULLIVAN

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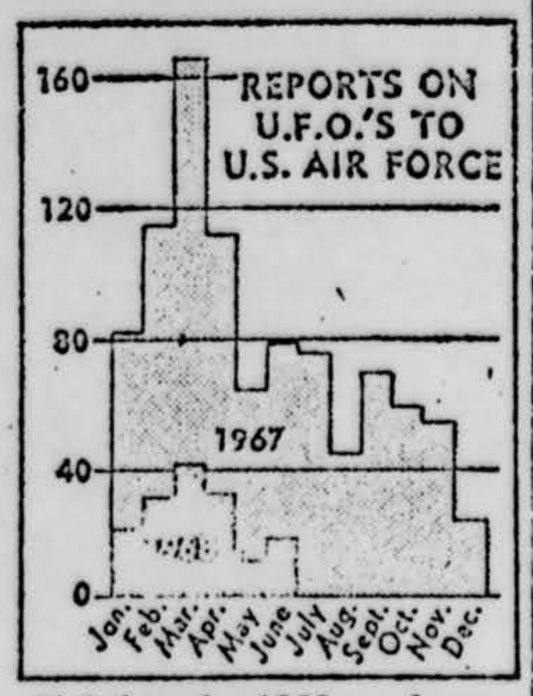


Sightings for 1968 are down

(Satellite-tracking) teams had been alerted to watch for the fall of Sputnik 4, due to pass overhead at 4:58 A.M. The chances that anyone would see the plunge were considered slight.

Eight minutes before the predicted pass a team member, with a 98-cent telescope mounted on a hoe handle, saw a brilliant object approaching. It broke into six pieces that flew across the sky in procession, then snuffed out.

Shortly thereafter a police patrol car saw a dark object embedded in the white centerline of a street in Manitowoc, Wis. It was almost too hot to handle and was soon identified as a chunk of Sputnik 4. Other pieces were found nearby.

In the incident on March 3, the Air Force believes, such a procession of fiery objects looked like lighted windows to some observers. Lieut. Col. Hector Quintanilla, head of the Aerial Phenomenon Office in Ohio, believes from the reports on file that the debris passed over Lexington, Ky., and Pittsburgh, Pa. Any surviving fragments, according to his estimate, fell near the Pennsylvania-New York line.

Further Clues Sought

His office has been phoning police barracks throughout the suspected impact area in a search of further clues. However, specialists at the Smithsonian Astrophysical Observatory doubt that scraps like those that fell on Wisconsin will be found in that area, much of which is forested.

A number of the reports on this episode came from motorists, including business executives and other well-educated observers. Several ruled out a meteorite plunge on the ground that the object changed course in mid-flight. This may have been an illusion caused by motion of the observer.

Almost all were impressed by the silence of the flight, but one man reported a sound like that of a tin sheet being thrown in the air. Another said that 72 grass fires occurred in his neighborhood the next day and suggested a possible association with the U.F.O. visit. A science teacher, who said he held a doctor's degree, reported trying to signal to the U.F.O. with a flashlight.

Many of the pilots' reports were collected by H. E. Roth of the United Air Lines office in Denver. He is project director of the Volunteer Flight Officer Network, which collects pilot sightings of U.F.O.'s.

U.F.O. Reports Decline

Despite the March flurry, a puzzling aspect of the U.F.O. situation, according to Colonel Quintanilla, is the sharp decline in reports of sightings this year. They are reaching the Air Force at roughly one-quarter the monthly rate of a year earlier. In Washington yesterday, the headquarters of the National Investigations Committee on Aerial Phenomena said that it, too, had seen a sharp decline from a year ago. There was also a slight drop from 1966 to 1967.

In 1966, several much-publicized U.F.O. episodes in Michigan and elsewhere apparently stimulated further reports. As of last weekend the Air Force had received 156 reports since Jan. 1. Of these 21 were attributed to planets or other astronomical objects, 19 to aircraft, 10 to balloons, 8 to earth satellites and 22 to other known causes. There are 35 cases pending and 41 that have not yet been identified.

A University of Colorado study of the U.F.O. phenomenon, directed by Dr. Edward U. Condon, is being drafted and should be released by the end of this year. It is an attempt to assess the phenomenon from a scientific point of view.

UNIVERSITY of PENNSYLVANIA
PHILADELPHIA 19104

Flower and Cook Observatory

1968 March 20

Major Hector Quintanilla, USAF
Wright-Patterson AFB, Ohio.

Dear Major Quintanilla:

Two letters from you March 18 and another matter from an earlier communication from your AFB will all be attended to in this letter.

First; object of 1967 Oct.27- Report from Blytheville, AFB, of an object sighted between 0616 and 0622 CDT. I have two reports on that date of a bright fireball, one from St.Joseph, Mo. at 6;25 CST, one by a pilot at Long. 78°52'W,Lat. 41 50'N at 0615 CST. ~~The pilot saw it fall vertically on bearing 185°,~~ the first observer from s.part of Cepheus to Andromeda or to north. Due to large difference in longitude,it could hardly have been same object. Neither fits the Arkansas report if data given there are right.

Second; report by [redacted] for 1968 Feb. 25 20;02 GMT . His report fully fits description of a brilliant daylight fireball, and without hesitation I would classify as such. I have no other report of this object. If you can get the report of the TSZ pilot, mentioned in your note of Feb26, made near Joliet,Ill., I would be very glad to get it,as then I might be able to compute its approximate path.

Third; unknown object of 1968 March 3 at somewhere near 9;40 p.m.,CST, from Kentucky and Tenn. etc. I now have about 8 reports. They all could be classed as fireball reports but for one thing; the durations given run from 30 to 120 seconds, most about 1 minute. Such a duration seems impossible for a fireball, as the lowest velocity one can strike the Earth's atmosphere is 7 miles/sec. I was disposed to think the first 2 who reported simply exaggerated the duration, but later independent reports confirm the unusual duration. So it is not a fireball,so far as I can see. I know that you have reports not in my hands. Please let me have copies of them so its path can be computed as we have here a most unusual object.

Sincerely yours,

[redacted]

AMERICAN METEOR SOCIETY
[illegible]
NARBERTH, PA
19072

UNIVERSITY of PENNSYLVANIA

Flower and Cook Observatory

1968 April 1

Major Hector Quintanilla,
USAF
Chief Aerial Phenomena Office,
Wright-Patterson, AFB, Ohio.

Dear Major Quintanilla:

Many thanks for the file of reports on the object of March 3, 1968. With that I have from other ources I hope to be able to compute the atmospheric path. I hear that it was a satellite decay, but in any case its path should be of interest. If I succeed in calculating it, will promptly send you a copy. But as I am about to go on vacation and then have the A.M.S. Annual Report of 1967 to get off, it will probably be about June1 .

So far I have nothing on the satellite decay of 23 March 1968. If any reports come, I will send them on.

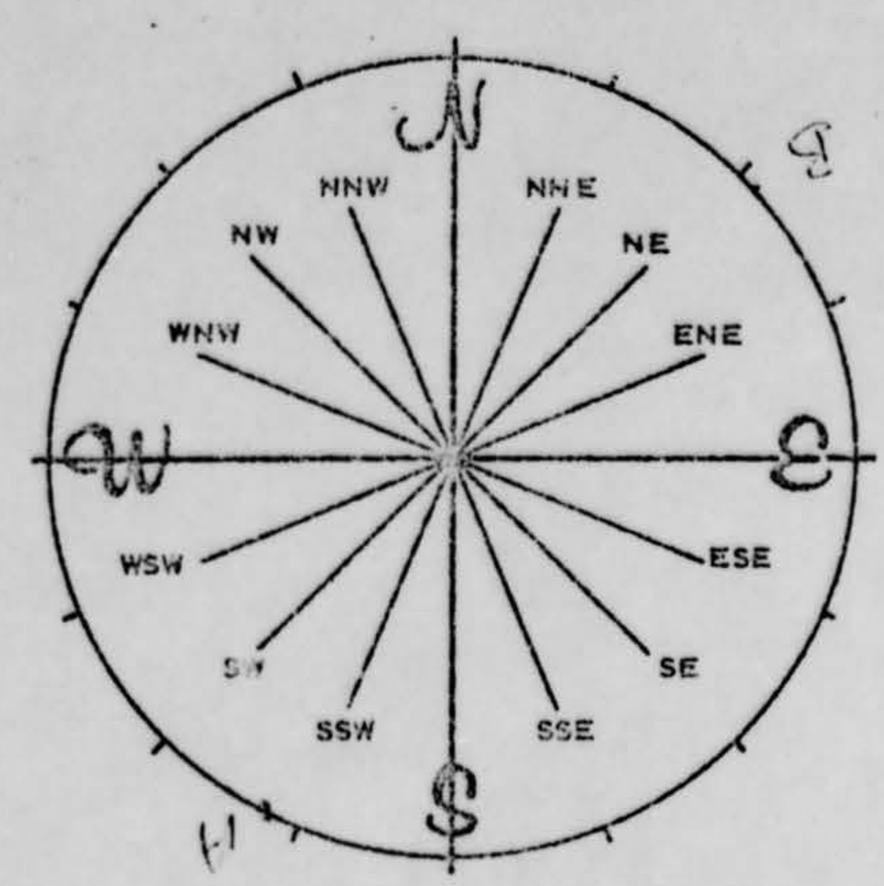
I greatly appreciate the valuable help you have given me from Wright-Patterson AFB, and will of course state the same in the Annual Report mentioned.

Sincerely yours,

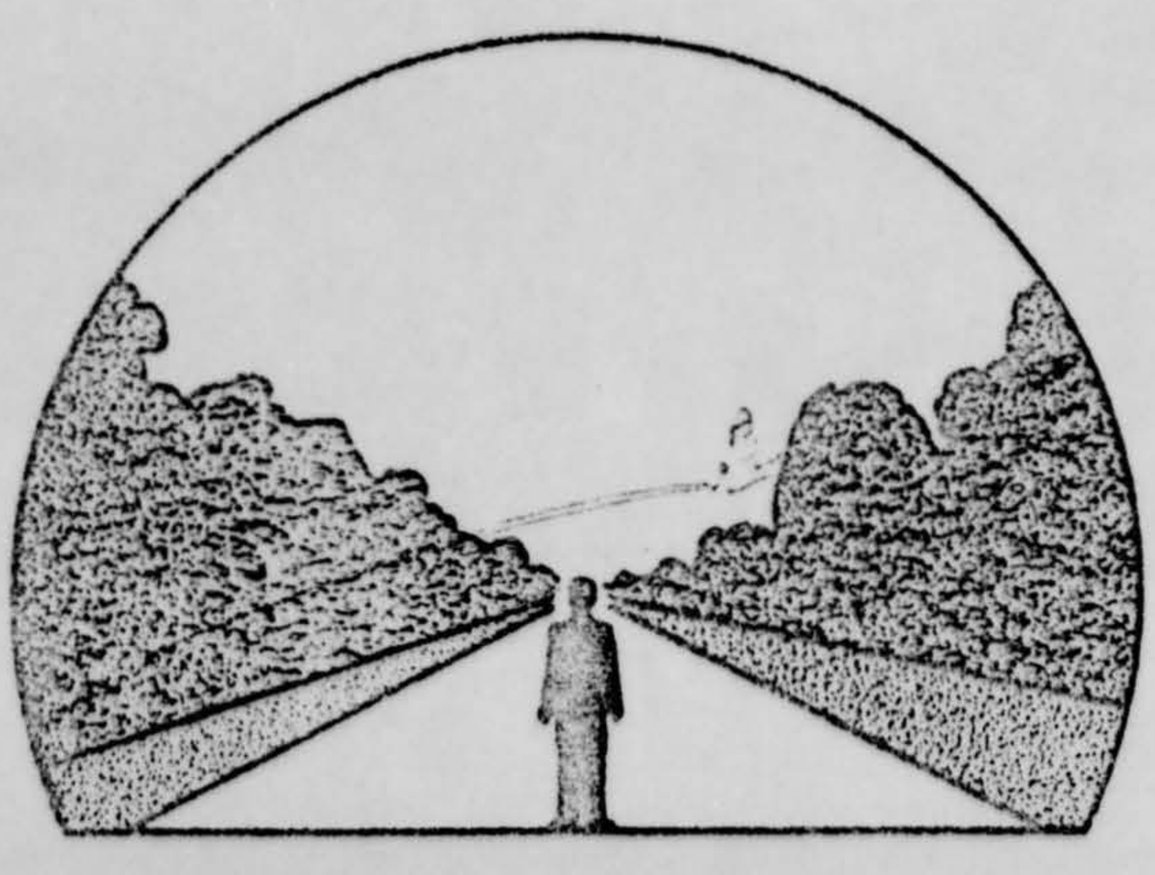
[redacted]

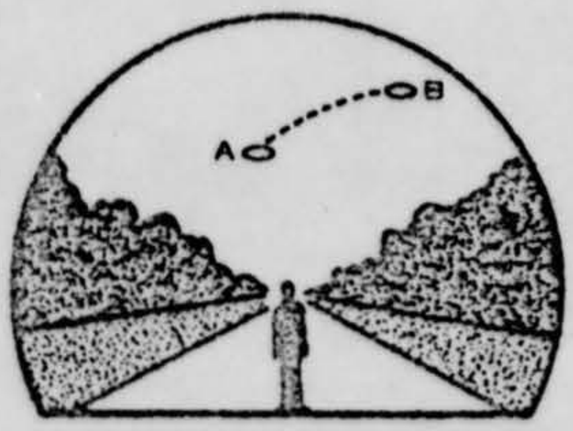
Narberth, Pa. 19072

8A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





Hubbard, Ohio

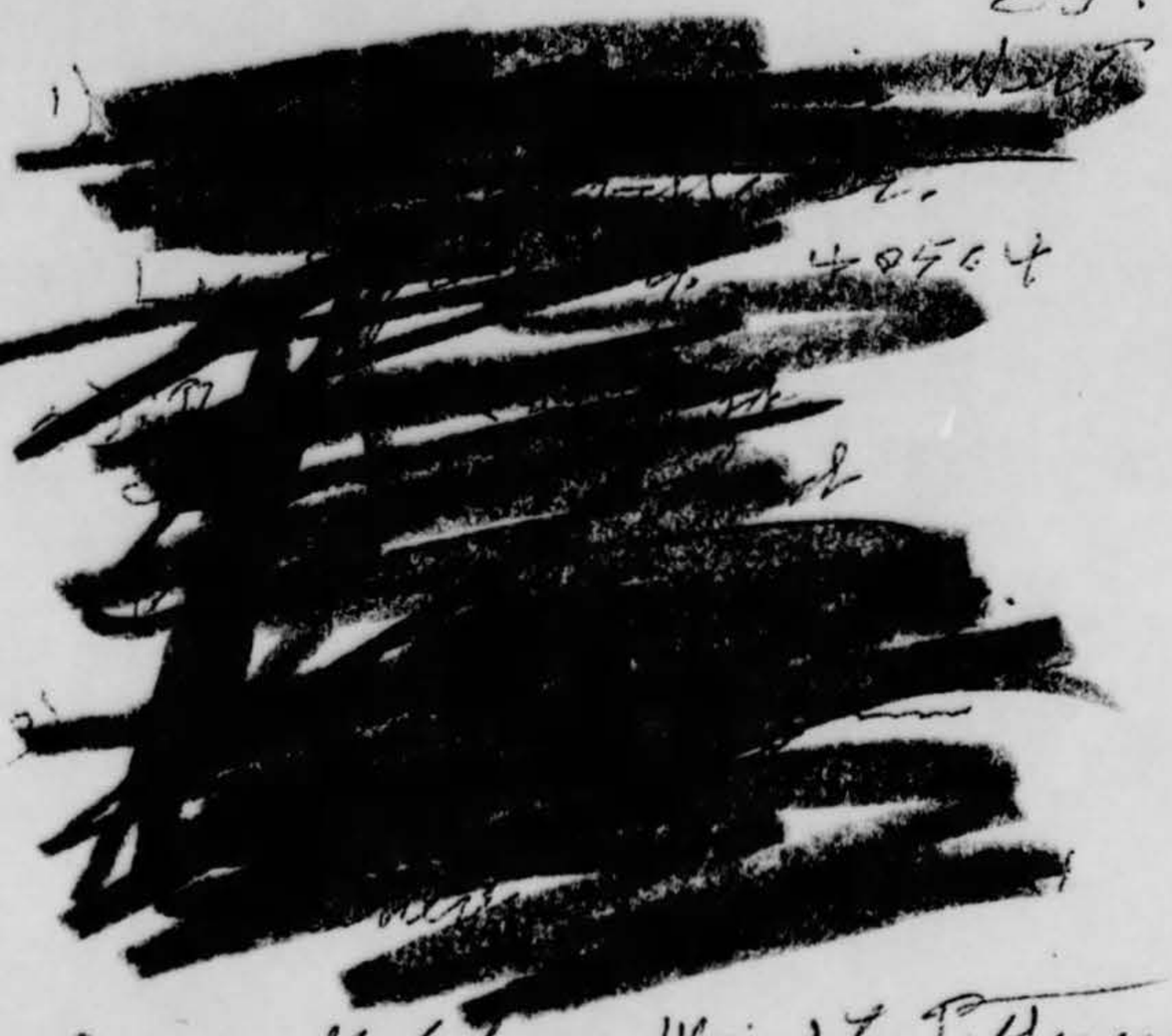
Slow-moving fireballs. On March 3rd at about 9:49 p.m. Eastern standard time, Joseph Tucciarone and William Dominic of Hubbard, Ohio, observed a swarm of bright meteorlike objects. Moving slowly from southwest to northeast, these orange fireballs crossed about 150° of sky in roughly 40 seconds, from northern Eridanus to Boötes.

At first only two objects of magnitudes −7 and −6 were seen, lasting 35 and 40 seconds, respectively. Trains of 35° to 40° followed until these fireballs broke into four pieces each. The fragments had magnitudes between −4 and −2, and trains "like jet vapor trails," 15° to 20° long. Many minor fragments were observed through 7-inch and 2.4-inch telescopes, which were used at a magnification of 33.

Could this have been the reentry of an artificial satellite like that of Cosmos [illegible] described in the Feb-

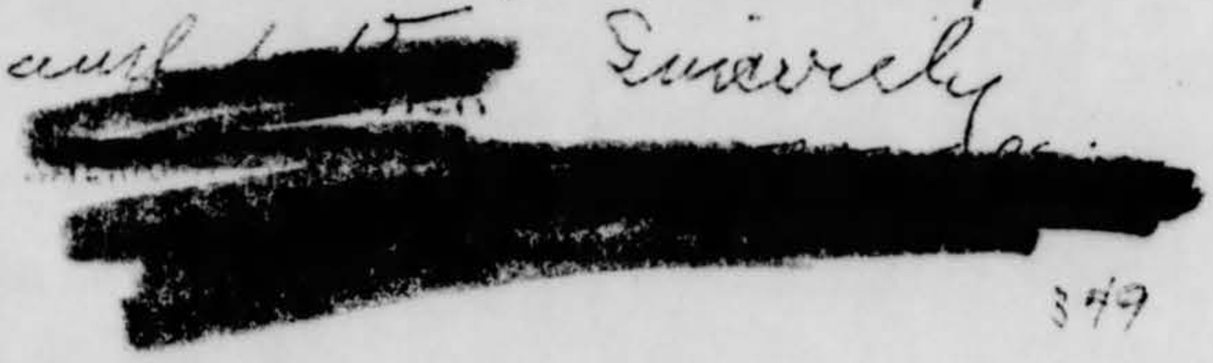
SKy & Telescope
VOL 35 NO 5
MAY 1968
Page 331

Persons who sighted the
brilliant object (fireball (??)
seen 1968 March 3 9.48 ± [illegible]
EST



When called from Wright-Patterson
AFB, I gave name and address
of two other observers.

Due to duration given, if seen after
sunset: 30 sec, 1 min, 120 sec.
Was could not be a fireball.
When convenient, please send me
the reports in your hands, as
I wish to compute the trajectory
and [illegible] Sincerely



349

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON (Circle One):

a. Bright moonlight
b. Dull moonlight
c. No moonlight -- pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS (Circle One):

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER (Circle One):

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: (Circle One):

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

[illegible]

12. The edges of the object were:

(Circle One): a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other Streaked
[illegible]

13. Did the object:

(Circle One for each question)

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

LINE

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

3rd (Day) USAF (Month), 1960 (Year)

2. Time of day: 9 (Hour) 30 (Minutes)

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): (a. Eastern) b. Central c. Mountain d. Pacific e. Other _____

(Circle One): (a. Daylight Saving) b. Standard

4. [redacted] Kentucky (Nearest Postal Address) (City or Town) (State or County) 4'33 9

5. How long was object in sight? (Total Duration) _____ (Hours) 1 (Minutes) 20 (Seconds)

(a. Certain) b. Fairly certain c. Not very sure d. Just a guess

5.1 How was time in sight determined? 8 Old Timers

5.2 Was object in sight continuously? Yes 1 No _____

6. What was the condition of the sky?

DAY: a. Bright b. Cloudy

NIGHT: (a. Bright) b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you b. In back of you c. To your right d. To your left e. Overhead f. Don't remember

FTD FORM OCT 62 166 [illegible]

20. Do you think you can estimate the speed of the object?

(Circle One) Yes (No)

IF you answered YES, then what speed would you estimate? _____

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes (No)

IF you answered YES, then how far away would you say it was? _____

22. Where were you located when you saw the object? (Circle One):

(a. Inside a building)
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other automobile

23. Were you (Circle One)

a. In the business section of a city?
b. In the residential section of a city?
(c. In open countryside?)
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

25. Did you observe the object through any of the following?

a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
(d. Window glass)	(Yes)	No	h. Other automobile		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

Bright white pinpoint of light
changing brightness
like [illegible]

35-2

14. Did the object disappear while you were watching it? If so, how?
last sight behind mountains

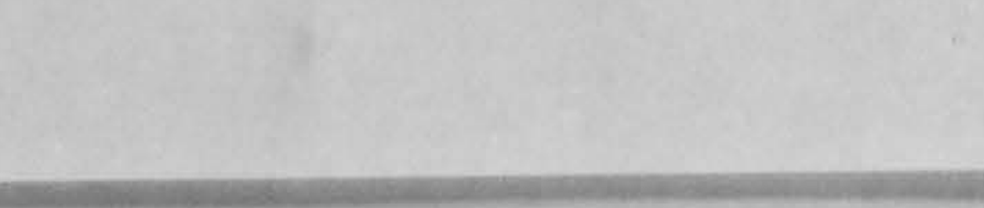
15. Did the object move behind something at any time, particularly a cloud?
(Circle One): (Yes) No Don't Know. IF you answered YES, then tell what it moved behind: [illegible] clouds

16. Did the object move in front of something at any time, particularly a cloud?
(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of: _____

17. Tell in a few words the following things about the object:
a. Sound [illegible]
b. Color purple light

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?
half of the whole match

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.



30. Have you ever seen this, or a similar object before. If so give date or dates and location.

no

31. Was anyone else with you at the time you saw the object? (Circle One) Yes No

31.1 IF you answered YES, did they see the object too? (Circle One) Yes No

[redacted]

32. [redacted]

ADDRESS [redacted] Zone Block 41339

TELEPHONE NUMBER [redacted] Sex M

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object? unofficial

Day Month Year

34. Date you completed this questionnaire: 4 MARCH 1965

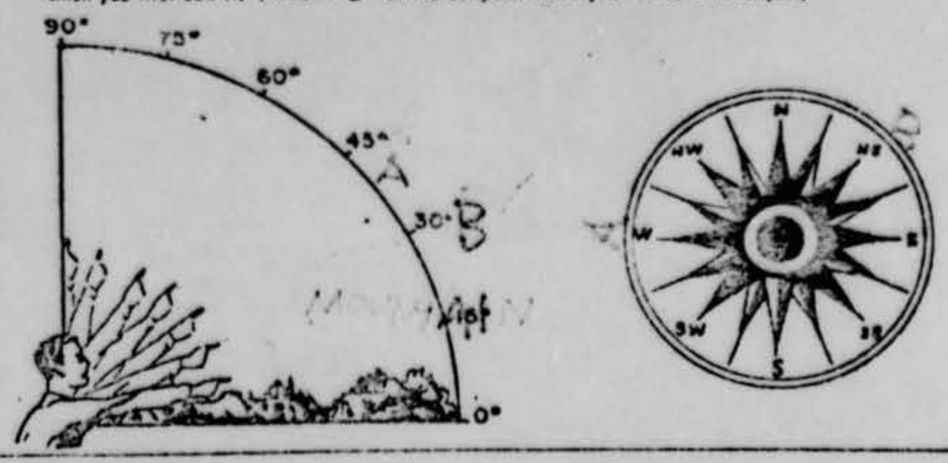
Day Month Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

Reports were made around this area about 3 to eight min. East resort prepare for radio

20

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.



28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

29. IF there was MORE THAN ONE object, then how many were there? _____
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

all grouped together to
form a long light, and
fell downward

ars Get National

for outstanding Negro students. The winners are Donella Crawford and Herbert F. Matthews, Jr., both of Dunbar high school, and Sharon L. Greene of Xenia. high school.

AF Identifies UFO's

Unidentified flying objects (UFO's) sighted in the Dayton area Sunday night have been tentatively identified as space debris.

An Air Force spokesman at the Pentagon in Washington yesterday said the debris resulted from "satellite decay."

Further investigation of the objects sighted about 9:30 p.m. Sunday is being carried out by the National Aeronautics and Space administration.

The UFO's appeared as three objects, moving east with flames shooting out the rear, according to some witnesses. Sightings were made in a broad area of the East.

FEBRUARY 2 1

[redacted]

MEMO FOR RECORD 5 March 1968

SUBJECT: UFO Observation, 3 March 1968

Between 0945 and 0950 pm EST numerous observers in the Indiana, Ky., Ohio, and West Vriginia area sighted several whitish to bluish white lights that appeared to have orangish red tails. The majority of the observers stated that there were 3 (three) objects and that they were traveling in a NE direction. The objects were sighted by numerous ground observers and also by several aircraft pilots. Indianapolis FAA Center was notified at the time of the sighting but did not paint any objects that could be correlated to the UFOs. The Space Detection Center reported that they were quite certain that the sighting was the result of the decay of Space debris into the earth's atmosphere.

[redacted]

575

8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? *(Check appropriate blocks.)*

	OUTDOORS		IN BUSINESS SECTION OF CITY
	IN BUILDING	X	IN RESIDENTIAL SECTION OF CITY
X	IN CAR ☒ AS DRIVER ☐ AS PASSENGER		IN OPEN COUNTRYSIDE
	IN BOAT		NEAR AIRFIELD
	IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER		FLYING OVER CITY
	OTHER		FLYING OVER OPEN COUNTRY
			OTHER

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:

WHAT DIRECTION WERE YOU MOVING?

	NORTH		EAST
X	SOUTH		WEST
	NORTHEAST		SOUTHEAST
	NORTHWEST		SOUTHWEST

HOW FAST WERE YOU MOVING?

0 AT STOP SIGN

DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON?

☒ YES ☐ NO

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.

NO

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.

[redacted] WINDOW TO LISTEN FOR NOISE

HOW MUCH OTHER TRAFFIC WAS THERE?

NONE

DID YOU NOTICE ANY AIRPLANES? ☐ YES ☒ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME 30-40 SEC.

	CERTAIN OF TIME		NOT VERY SURE
	FAIRLY CERTAIN	X	JUST A GUESS

HOW WAS TIME DETERMINED?

WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

SUNDAY (Day) MARCH (Month) 1968 (Year)

MARCH 3

2. Time of day: NINE (Hours) FORTY-FIVE (Minutes)

(Circle One): A.M. or (P.M)

3. Time Zone:

(Circle One): (a. Eastern)
b. Central
c. Mountain
d. Pacific
e. Other _____

(Circle One): a. Daylight Saving
(b. Standard)

4. Where were you when you saw the object?

[redacted] (City or Town) OHIO (State or County) MEIGS COUNTY

5. How long was object in sight? (Total Duration) _____ (Hours) _____ (Minutes) 5 (Seconds)

a. Certain
b. Fairly certain
c. ~~Not very sure~~
d (Just a guess)

5.1 How was time in sight determined? _____

5.2 Was object in sight continuously? Yes ✓ No _____

6. What was the condition of the sky?

DAY
a. Bright
b. Cloudy

~~NIGHT~~
(a. Bright)
b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

3 A 3

4

Official U.S. Air Forc

14. Did the object disappear while you were watching it? If so, how? YES
ANSWER BELOW IN QUESTION 15

15. Did the object move behind something at any time, particularly a cloud?
(Circle One): (Yes) No Don't know. IF you answered YES, then tell what it moved behind: A Hill

16. Did the object move in front of something at any time, particularly a cloud?
(Circle One): Yes No Don't know. IF you answered YES, then tell what in front of:

17. Tell in a few words the following things about the object:
a. Sound NONE
b. Color BRIGHT ORANGE - Went off and on 3 times

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

1/4

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

UFO form continued

Pomeroy, Ohio

20. Do you think you can estimate the speed of the object?

(Circle One) (Yes) No

IF you answered YES, then what speed would you estimate? AT LEAST 500 MPH

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes No

IF you answered YES, then how far away would you say it was? ~~OF LESS~~ 1/2 MILE ~~1 MILE~~

22. Where were you located when you saw the object?

(Circle One):

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you (Circle One)

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other LEAVING CITY LIMITS

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest

24.2 How fast were you moving? <50 miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes (No)

25. Did you observe the object through any of the following?

a. ~~Eyeglasses~~	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. ~~Windshield~~	Yes	No	g. Theodolite	Yes	No
d. Window glass	(Yes)	No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight—pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

FLAME FROM A CUTTING TORCH

12. The edges of the object were:

(Circle One):
a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other_____

13. Did the object:

	(Circle One for each question)		
a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

h. Date you completed this questionnaire: 7 Day MARCH Month 1968 Year

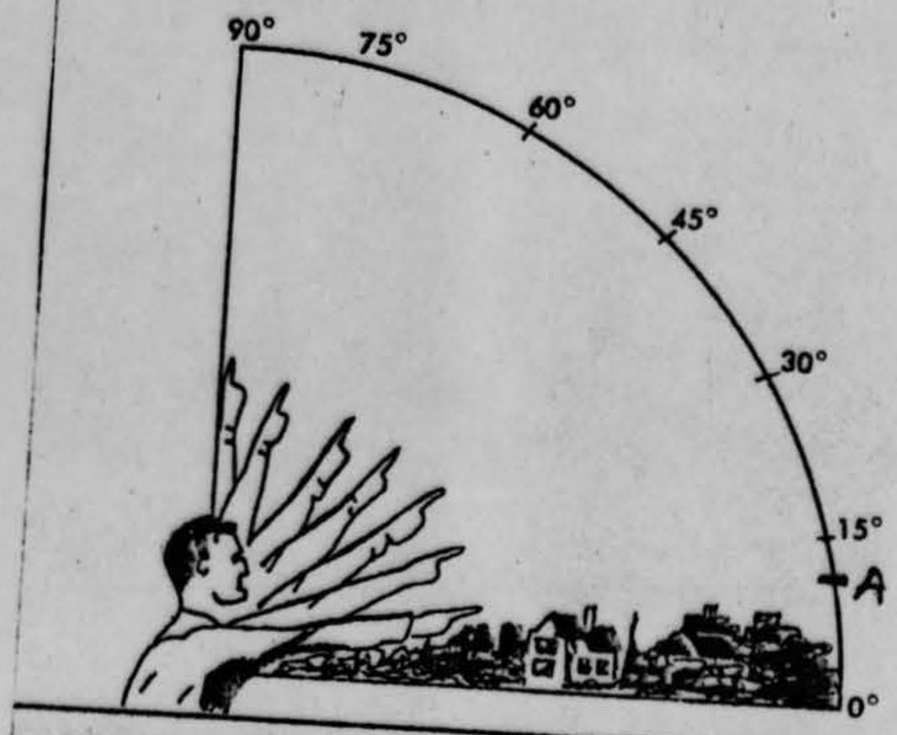
i. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

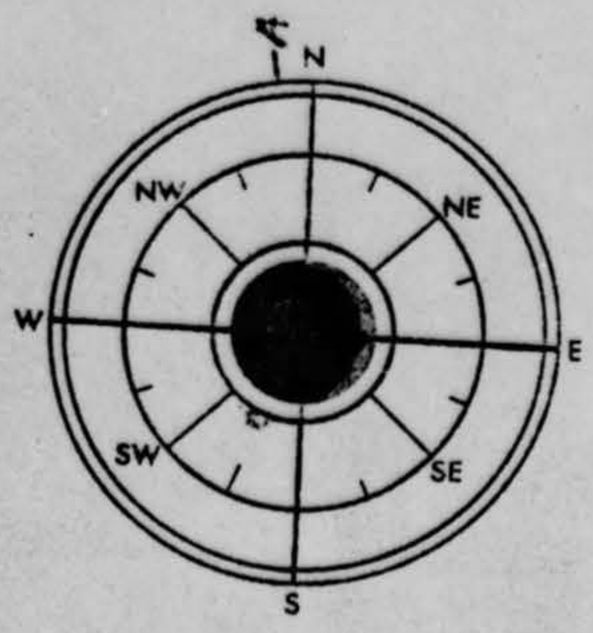
As I have stated earlier I have never seen a jet lick on its after burner but this looked to me what I thought it would look like. I stopped the car to listen for sound of the jets. There was no sound. These objects were in perfect formation parelell to the ground (the reason I took them for jets)

Please send me UFO form

347

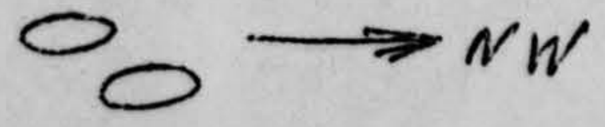
27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass when you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

29. IF there was MORE THAN ONE object, then how many were there? 2.
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.



30. Have you ever seen this, or a similar object before. If so give date or dates and location. NO

31. Was anyone else with you at the time you saw the object? *(Circle One)* (Yes) No

31.1 IF you answered YES, did they see the object too? *(Circle One)* (Yes) No

31.2 Please list [redacted] and addresses: WIFE

" DAUGHTER

" "

" "

" "

32. Please give the following information about yourself:

NAME [redacted] First Name [redacted] Middle Name

ADDRESS [redacted] Street POMEROY City Zone OHIO State

TELEPHONE NUM [redacted] AGE 38 SEX MALE

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object? NO ONE except a few friends who also saw 3 objects

Day Month Year

7 - 31 MARCH 1963 SIGHTINGS

DATE	LOCATION	OBSERVER	EVALUATION
7	Cincinnati, Ohio		Insufficient Data
7	Kettering, Ohio		Insufficient Data
13	Salem, Ohio		Other (CONFLICTING DATA)
14	Newark, Ohio		Balloon
14	Aiken, South Carolina		Insufficient Data
17	New Port Rickey, Florida		Insufficient Data
17	Memphis, Tennessee		Insufficient Data
18	New Carlisle, Ohio		Insufficient Data
19	Miamisburg, Ohio		InsufficientData
19	Wilson, Ohio		Insufficient Data
19	Minden, Nebraska		Other (HOAX)
13	Cincinnati, Ohio		Insufficient Data
21	Winston Salem, North Carolina		Aircraft (W/ADVERTISING SIGN)
23	Atlantic		Other (UNRELIABLE REPORT)
24	Wiggins, Mississippi	Military	Other (SATELLITE DECAY)
24	Dayton, Ohio		Other (PSYCHOLOGICAL)
24	Aiken, South Carolina		Aircraft
25	Jackson Gap, Alabama		Insufficient Data
26	South Charleston, Ohio		Other (UNRELIABLE REPORT)
26	Colonia, New Jersey		Insufficient Data
26	Dexter, Missouri		InsufficientData
28	Grand Valley, Colorado		Satellite
29	Richmond, Indiana		Other (MISSILE LAUNCH)
15 or 22	Dayton, Ohio		InsufficientData
13	[illegible], New Mexico		Other (PROCESSING ABERATIC

ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

DATE	LOCATION	SOURCE	EVALUATION
7	Andersonville, Ohio		
13	Dayton, Ohio		
15-16	Puerto Rico		
17	Jeffersonville, Indiana		
17-18	Puerto Rico		
21	Mt Adams, Washington		
23	Texas, Louisiana, Kentucky		
26	East Meadow, Long Island, New York		
28	Pittsburgh, Pennsylvania		
27	Veracruz		

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING? NO

11. CONDITIONS *(Check appropriate blocks.)*

A. SKY		B. WEATHER			
	DAY		CUMULUS CLOUDS *(Low fluffy)*		FOG OR MIST
	TWILIGHT		CIRRUS CLOUDS *(High fleecy or Herring-bone)*		HEAVY RAIN
X	NIGHT				LIGHT RAIN OR DRIZZLE
X	CLEAR		NIMBUS CLOUDS *(Rain)*		HAIL
	PARTLY CLOUDY		CUMULONIMBUS CLOUDS *(Thunderstorms)*		SNOW OR SLEET
	COMPLETELY OVERCAST				UNKNOWN
			HAZE OR SMOG	X	NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS		(2) MOON			
	NONE	X	BRIGHT MOONLIGHT		NO MOONLIGHT
X	A FEW		MOON WITH HALO		UNKNOWN
	MANY		MOON HIDDEN BY CLOUDS		
	UNKNOWN		PARTIAL *(New or quarter)*		

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

	IN FRONT OF YOU		TO YOUR RIGHT		OVERHEAD *(Near noon)*
	IN BACK OF YOU		TO YOUR LEFT		UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

OBJECT WAS LIGHT SOURCE

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

THERE WAS NO NOISE OTHERWISE SEE BOX 10 ABOVE.

13. DID THE PHENOMENON	YES	NO	UNKNOWN
MOVE IN A STRAIGHT LINE?	X		
STAND STILL AT ANYTIME?		X	
SUDDENLY SPEED UP AND RUN AWAY?		X	
BREAK UP IN PARTS AND EXPLODE?		X	
CHANGE COLOR?		X	
GIVE OFF SMOKE?			X
CHANGE BRIGHTNESS?		X	
CHANGE SHAPE?		X	
FLASH OR FLICKER?		X	
DISAPPEAR AND REAPPEAR?		X	
SPIN LIKE A TOP?		X	
MAKE A NOISE?		X	
FLUTTER OR WOBBLE?		X	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

I SAW THE BRIGHT OBJECT, AT FIRST I THOUGHT IT WAS A LOW FLYING AIRCRAFT (LANDING LIGHTS AT 1500-2000 FT.) HOWEVER THERE WASN'T ANY NOISE AND "LIGHTS" WERE IN THE WRONG POSITION FOR AN AIRCRAFT

A. HOW DID IT FINALLY DISAPPEAR?

OVER THE HERIZON.

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☐ YES ☒ NO. IF "YES," DESCRIBE.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.

SEE [redacted]

16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

?

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.

	EYEGLASSES		CAMERA VIEWER
	SUNGLASSES		BINOCULARS
X	WINDSHIELD		TELESCOPE
	SIDE WINDOW OF VEHICLE		THEODOLITE
	WINDOWPANE		OTHER

A. DO YOU ORDINARILY WEAR GLASSES? ☐ YES ☒ NO

B. DO YOU USE READING GLASSES? ☐ YES ☒ NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED ?

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE ?.

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

IT WOULD LOOK LIKE AN AIRCRAFT IN A LANDING PATTERN AT NIGHT EXCEPT IT WOULD BE MOVING ~~AT~~ IN THE OPPOSITE DIRECTION AND HAD ORANGE-YELLOW VAPOR TRAILS.

21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☒ NO. IF "YES," DESCRIBE.

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☒ NO. IF "YES," DESCRIBE.

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☒ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☒ YES ☐ NO. IF "YES," DID THEY SEE IT TOO? ☒ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

[redacted]

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME [redacted] MIDDLE NAME

[redacted] (Zip Code)

[redacted] DR DAYTON OHIO 45410

	AGE		MALE		FEMALE
[redacted]	23	X			

INDICATE [redacted] INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

[redacted] AFB, O.

[redacted]

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?

NAME [redacted] DAY 3 MONTH MARCH YEAR 68

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 7 MONTH MARCH YEAR 68

Clayton

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

3 (Day) MAR (Month) '68 (Year)

2. Time of day: 0945 (Hour) _____ (Minutes)

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other local

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

[redacted] (Nearest Postal Address) Dayt (City or Town) O (State or County)

5. How long was object in sight? (Total Duration) _____ (Hours) 2-3 (Minutes) _____ (Seconds)

a. Certain
b. Fairly certain
c. Not very sure
d. Just a guess

5.1 How was time in sight determined? Watch

5.2 Was object in sight continuously? Yes ____ No ____ Not since it was up

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a.) Bright
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

N/A

FORM FTD OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

3

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
(b.) A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
(b.) Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

(a.) Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

(a.) Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

(a.) Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
(b.) Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

long tailed w/ 6 5 W light

12. The edges of the object were:

(Circle One): (a.) Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other _____

13. Did the object:

(Circle One for each question)

a. Appear to stand still at any time?	Yes	(No)	Don't know
b. Suddenly speed up and rush away at any time?	Yes	(No)	Don't know
c. Break up into parts or explode?	Yes	(No)	Don't know
d. Give off smoke?	Yes	(No) it left a trail	Don't know
e. Change brightness?	Yes	(No)	Don't know
f. Change shape?	Yes	(No)	Don't know
g. Flash or flicker?	Yes	once (No)	Don't know
h. Disappear and reappear?	Yes	(No)	Don't know

14. Did the object disappear while you were watching it? If so, how?

no

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved behind: ~~_____~~ tree church nest door

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of: _____

17. Tell in a few words the following things about the object:

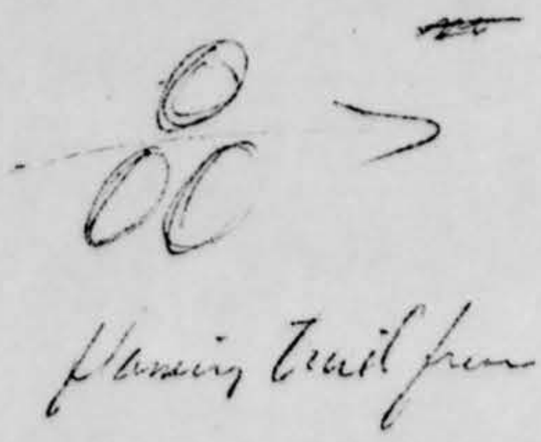
a. Sound no

b. Color yellowish-white

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

just barely cover one object
appeared 15' in diameter

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.



20. Do you think you can estimate the speed of the object?

(Circle One) Yes No

IF you answered YES, then what speed would you estimate? 1 mile per 2 seconds

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes No

IF you answered YES, then how far away would you say it was? 15 miles

22. Where were you located when you saw the object? (Circle One):

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you (Circle One)

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object? N/A

(Circle One) Yes No

25. Did you observe the object through any of the following?

a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

blunt end of cigar butt - w/ bluish
end Tenuous skin

[redacted]

MEMO FOR RECORD

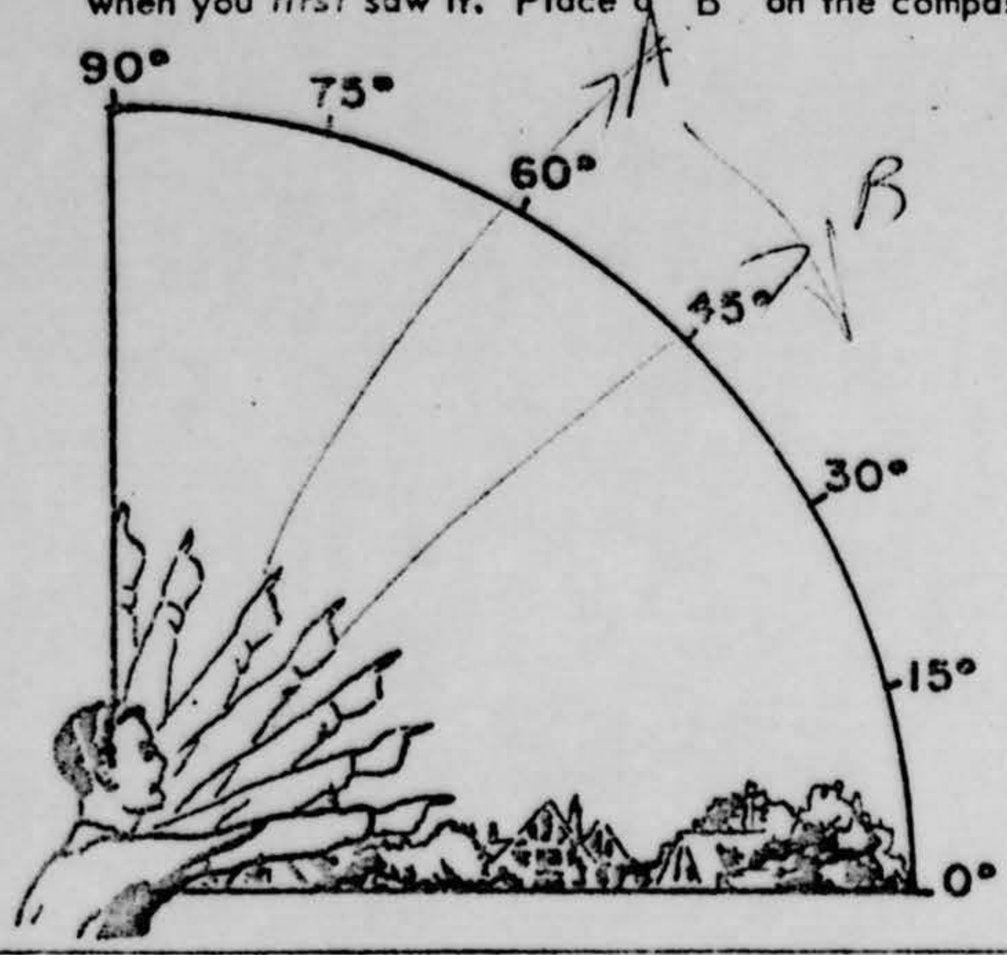
4 March 1968

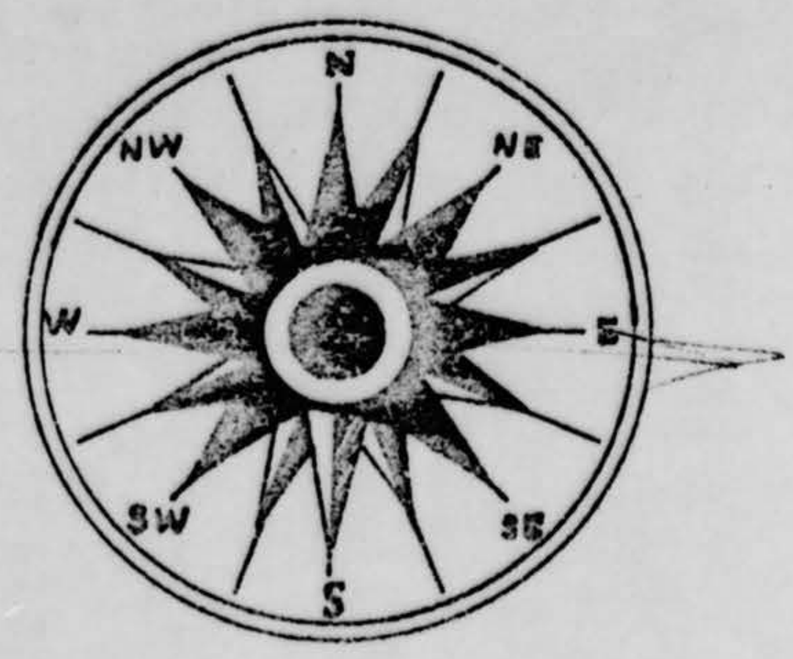
SUBJECT: UFO Observation, 3 March 1968

Talked to Sgt Farrel at SPADATS. He stated that the only object that came down late the third of March and early on the 4th came down at 0120Z on the 4th in the Pacific and would not have been over the United States.

[redacted]

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

didn't change direction

29. IF there was MORE THAN ONE object, then how many were there? _____
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

Triangle shape of three objects moving together.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

Yes; ~~two~~ 2 weeks ago on Wednesday; one object then

31. Was anyone else with you at the time you saw the object? (Circle One) (Yes) No

31.1 IF you answered YES, did they see the object too? (Circle One) (Yes) No

31.2 Please list their names and addresses:

[redacted]

32. Please give the following information about yourself: SDU = took called 2505hrs.

NAME _____ _____ _____
Last Name First Name Middle Name

ADDRESS _____ _____ _____ _____
Street City Zone State

TELEPHONE NUMBER _____ AGE _____ SEX _____

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

3 MAR 66
Day Month Year

NCR

THE NATIONAL CASH REGISTER COMPANY

DAYTON, OHIO 45409

March 4, 1968

Dr. John E. Keto
Chief Scientist
Aeronautical Systems Division
Wright-Patterson Air Force Base
Ohio 45433

Dear John:

I have the impression that Project Blue Book often has some difficulty in ascertaining whether a UFO sighting has come from a credible witness. Hoping not to add to your many problems, I must submit the narrative below to you, in the hope that you will pass it along to the responsible authorities; and I shall depend on you as the first witness as to whether I am insane, or highly imaginative, or otherwise unreliable.

At approximately 9:30 p.m. Sunday, March 3, 1968, I was driving alone northward from Cincinnati, Ohio, to Dayton, Ohio, on Interstate Route 75, at a speed of approximately 65-70 miles per hour. Due north and directly ahead of me I sighted three objects which, so far as I am concerned, pending some plausible explanation, were Unidentified Flying Objects.

These three objects were flying in a more or less perfect formation, with one substantially in the lead and the other two close together, side by side, at the rear. When first sighted they were at approximately 45 degrees from the horizontal surface on which I was traveling. The objects appeared to me to be flying at extremely high speed and at a very high altitude. I could not ascertain, with absolute certainty, whether they were flying horizontally or whether they were descending; but the angle of sight with reference to the horizontal surface of the earth was steadily reducing. Therefore, considering that I was behind them, and considering their speed, they could have been flying horizontally or they could have been descending, toward the horizon.

The sky was quite dark. I could not ascertain the shape or size of the objects themselves. The only reason for my being able to see them was the fact that a long golden tail extended back from each, flaring outward from a point at the front. The foremost point of each tail presumably was the object itself, which I could not see at all.

I watched these three objects in flight for approximately five minutes. I watched intermittently in order to be able to continue to watch the road and drive safely. At the end of that time, after a period of watching the road and traffic around me, I looked up again and noted that the three objects were no longer in sight.

Two characteristics of these objects interest me especially:

(1) The tail extending back from each object was distinctly golden in color, and therefore was unlike the jet stream following any jet engine or rocket engine I have ever seen before.

(2) The three objects, flying in a consistent formation, executed a distinct curve in their flight path. This was unmistakable: the lead object first entered the curve, swinging out toward the left (west) horizon; and then the following two objects together entered the same curving course; then the three of them straightened out again toward the north-northeast. At one point in this trajectory, each tail was, itself, curved, and so this flight pattern was unmistakable.

I should appreciate it if you will pass this information along to Blue Book, with any comments you might care to make. If it should be useful to the Air Force in any way, I should be glad to reconfirm these details in an interview.

Many thanks, and best wishes,

Sincerely,

[redacted]

34. Date you completed this questionnaire: ____ Day ____ Month ____ Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

Object admitted heat tracks; clear, well outlined

((Cy Elwood

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

3 (Day) March (Month) 68 (Year)

2. Time of day: 9 (Hour) 30 (Minutes)

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): (a. Eastern)
b. Central
c. Mountain
d. Pacific
e. Other _____

(Circle One): a. Daylight Saving
(b. Standard)

4. Where were you when you saw the object?

[redacted] (Nearest Postal Address) | (City or Town) | (State or County)

5. How long was object in sight? (Total Duration) 0 (Hours) 5 (Minutes) 0 (Seconds)

a. Certain
(b. Fairly certain)
c. Not very sure
d. Just a guess

5.1 How was time in sight determined? approx

5.2 Was object in sight continuously? Yes X No ____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a. Bright)
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

FTD FORM OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

rocket exhaust

12. The edges of the object were:

(Circle One):
a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember

e. Other _____

13. Did the object:

(Circle One for each question)

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

14. Did the object disappear while you were watching it? If so, how?

No

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind: _____

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): (Yes) No Don't Know. IF you answered YES, then tell what in front of: 3 objects move in front of each other

17. Tell in a few words the following things about the object:

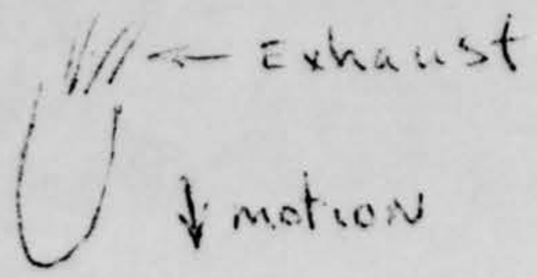
a. Sound no

b. Color red

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

1/10

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.



20. Do you think you can estimate the speed of the object?

(Circle One) (Yes) No

IF you answered YES, then what speed would you estimate? slow not moving at all

21. Do you think you can estimate how far away from you the object was?

(Circle One) (Yes) No

IF you answered YES, then how far away would you say it was? 6 miles

22. Where were you located when you saw the object? *(Circle One):*

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you *(Circle One)*

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? *(Circle One)*

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

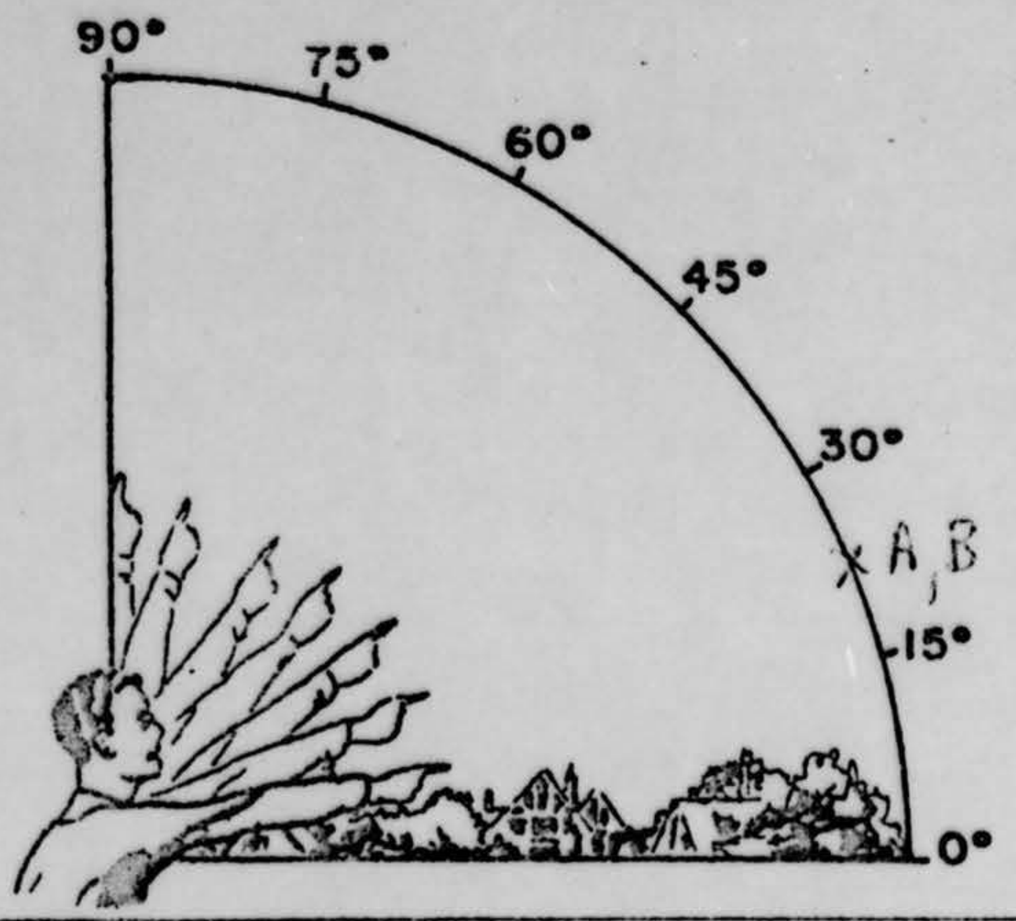
25. Did you observe the object through any of the following?

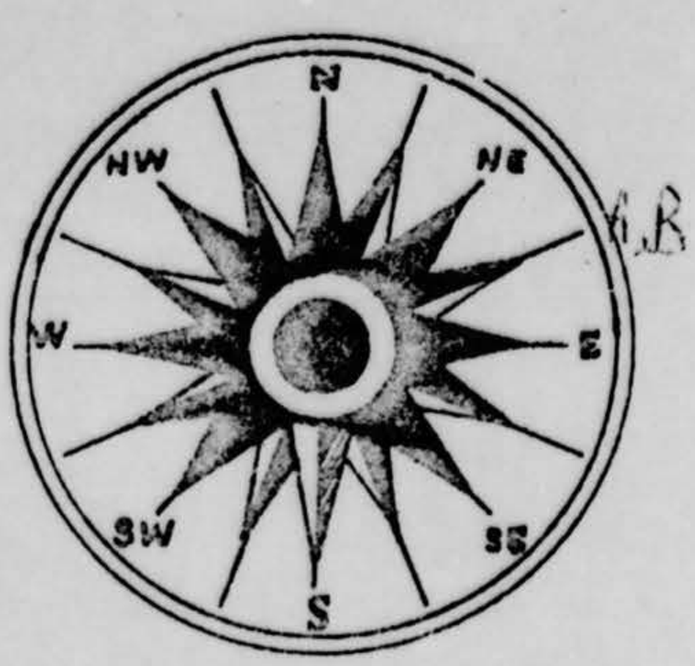
a. Eyeglasses	Yes	(No)	e. Binoculars	Yes	(No)
b. Sun glasses	Yes	(No)	f. Telescope	Yes	(No)
c. Windshield	(Yes)	No	g. Theodolite	Yes	(No)
d. Window glass	Yes	(No)	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

inverted thumb

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

downward

29. IF there was MORE THAN ONE object, then how many were there? 3

Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

[redacted]

MEMO FOR RECORD 4 March 1968

SUBJECT: Satellite Decay, 4 March 1968 (1240 hrs) 5 ± 4 DAYS

We are quite certain that this is a piece of debris from the USSR launch ZOND-4 which is the most recent launch. It, the debris, was about 16 minutes ahead of the main pieces of the launch. We have no visuals, but are putting ground tracers on it. Al Waters, from SAO, had reports from Louisville, Kentucky.

Lt Barlett suggested that we state that it was debree without reference to origin. However, if asked directly we could certainly tell them that it was debree from ZOND-4 and that it was of Russian origin.

[redacted]

360

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

no

31. Was anyone else with you at the time you saw the object? (Circle One) Yes No

31.1 IF you answered YES, did they see the object too? (Circle One) (Yes) No

31.2 Please list their names and addresses:

Husband & children

32. Please give the following information about yourself:

NAME [redacted] Y
Last Name First Name Middle Name

ADDR[redacted] Kingsville OHIO
Street City Zone State

TELEPHONE NUMBER [redacted] AGE 37 SEX F

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

Day Month Year

34. Date you completed this questionnaire: 4 (Day) Mar (Month) 68 (Year)

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

Englewood Ohio

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

3 (Day) MAR (Month) 68 (Year)

2. Time of day: 9 45 (Hour) _____ (Minutes)

(Circle One): A.M. or P.M.

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other Local

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

[redacted] (Nearest Postal Address) Englewood (City or Town) Ohio (State or County)

5. How long was object in sight? (Total Duration) _____ (Hours) _____ (Minutes) 20 (Seconds)

a. Certain
b. Fairly certain
c. Not very sure
d. Just a guess

5.1 How was time in sight determined? Visual

5.2 Was object in sight continuously? Yes ____ No ____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	a. Bright
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

N/A

FORM FTD OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight -- pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky
b. Hazy
c. Scattered clouds WSN farm
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

like two pie plates, bottom to bottom,

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

_____

12. The edges of the object were:

(Circle One):
a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember

e. Other _____

13. Did the object:

	(Circle One for each question)		
a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

14. Did the object disappear while you were watching it? If so, how?

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind: _____

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of: _____

17. Tell in a few words the following things about the object:

a. Sound _____

b. Color _____

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

20. Do you think you can estimate the speed of the object?

(Circle One) Yes No

IF you answered YES, then what speed would you estimate? _____

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes (No)

IF you answered YES, then how far away would you say it was? _____

22. Where were you located when you saw the object? (Circle One):

a. Inside a building
b. In a car
(c.) Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you (Circle One)

a. In the business section of a city?
(b.) In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest

24.2 How fast were you moving? _____ miles per hour.

N/A

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

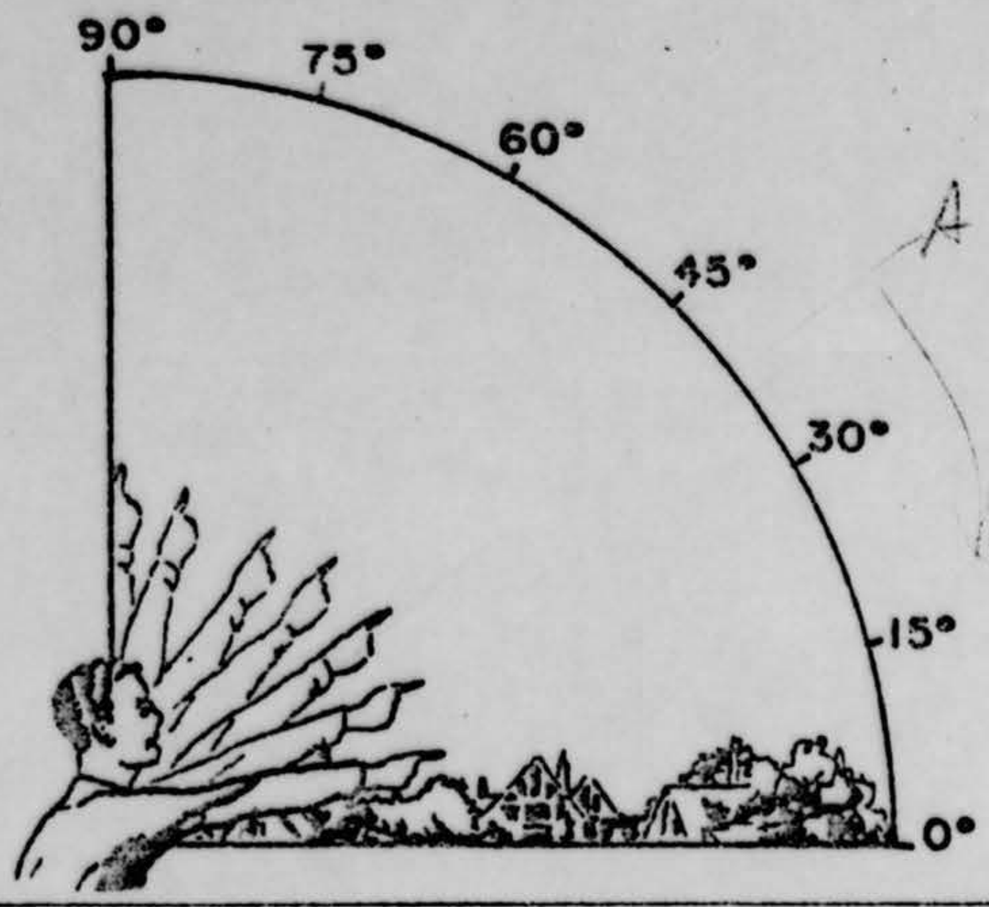
25. Did you observe the object through any of the following?

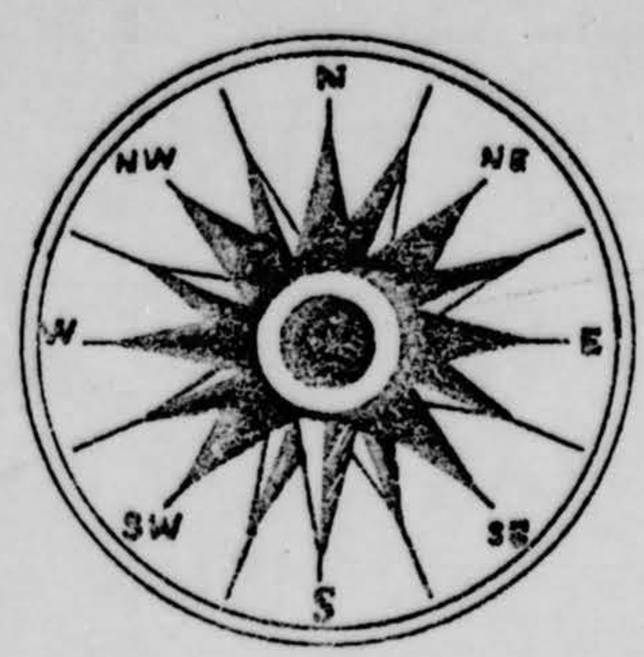
a. Eyeglasses	Yes	No	e. Binoculars	Yes	(No)
b. Sun glasses	Yes	No	f. Telescope	Yes	(No)
c. Windshield	Yes	No	g. Theodolite	Yes	(No)
d. Window glass	Yes	No	h. Other _____		

n/a

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

29. IF there was MORE THAN ONE object, then how many were there? _____
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

never

31. Was anyone else with you at the time you saw the object? *(Circle One)* Yes No

31.1 IF you answered YES, did they see the object too? *(Circle One)* Yes No

31.2 Please list their names and addresses:

[redacted]

32. Please give the following information about yourself: SDO

NAME _____ _____ _____
Last Name First Name Middle Name

ADDRESS _____ _____ _____ _____
Street City Zone State

TELEPHONE NUMBER _____ AGE _____ SEX _____

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

3 April '65
Day Month Year

March 5, 1968
Greenhills, Ohio

Director
Museum of Natural History
1720 Gilbert Street
Cincinnati, Ohio

Dear Sir:

This letter concerns my witnessing the U.F.O. sighting last Sunday night.

While crossing the bridge over Winton Lake south of Greenhills I noticed a light that appeared to be a large star moving toward us from the west. As it came closer I sensed that this was not a plane. There was a cluster of lights, four to six in number, unevenly spaced with trails similar to meteors. I requested the lady cab driver to pull to the side of the road so I could get out for a better look. By this time the cluster was directly overhead slightly south of the Zenith moving rapidly. The lights and trails did not dwindle or waver. They remained on a steady course to the east. The cab driver and her eight year old daughter watched these lights with me. They kept moving to the east and gradually disappeared over the horizon.

I am a person who has amateur experience in stars and night time skies. I do not think this was a meteor. I am sure it was, as the Air Force contends, the beginning of a space flight.

[redacted]

For what it is worth this is a copy of a letter I sent to the above addressee after some comments I heard on local T.V. concerning the sightings.

TDPT (UFO)
New Carlile Ohio

AFR 80-17(C1)

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL NUMBER 21-R359

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. *(IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)*

1. WHEN DID YOU SEE THE PHENOMENON? DAY 3 MONTH MARCH YEAR 1968

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON? HOUR 9 MINUTES 46 ☐ A.M. ☒ P.M.

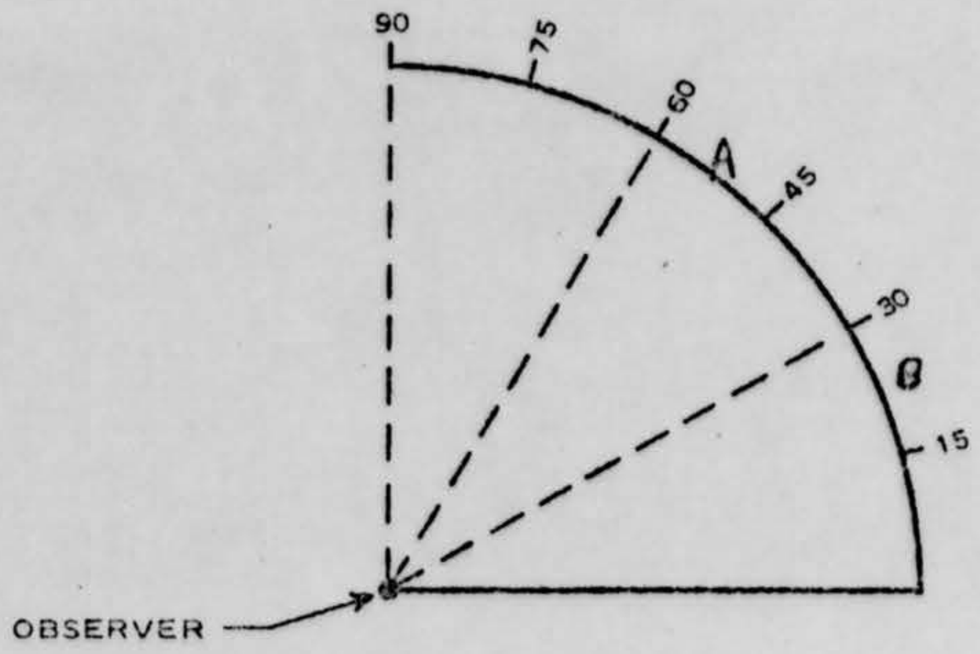
3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON? HOUR 9 MINUTES 48 ☐ A.M. ☒ P.M.

4. TIME/ZONE ☐ DAYLIGHT SAVINGS ☒ STANDARD
☒ EASTERN ☐ CENTRAL ☐ MOUNTAIN ☐ PACIFIC ☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

DRIVING EAST ON [redacted] Rd between [redacted]
AND [redacted]

6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE. WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.



AF FORM AUG 67 117

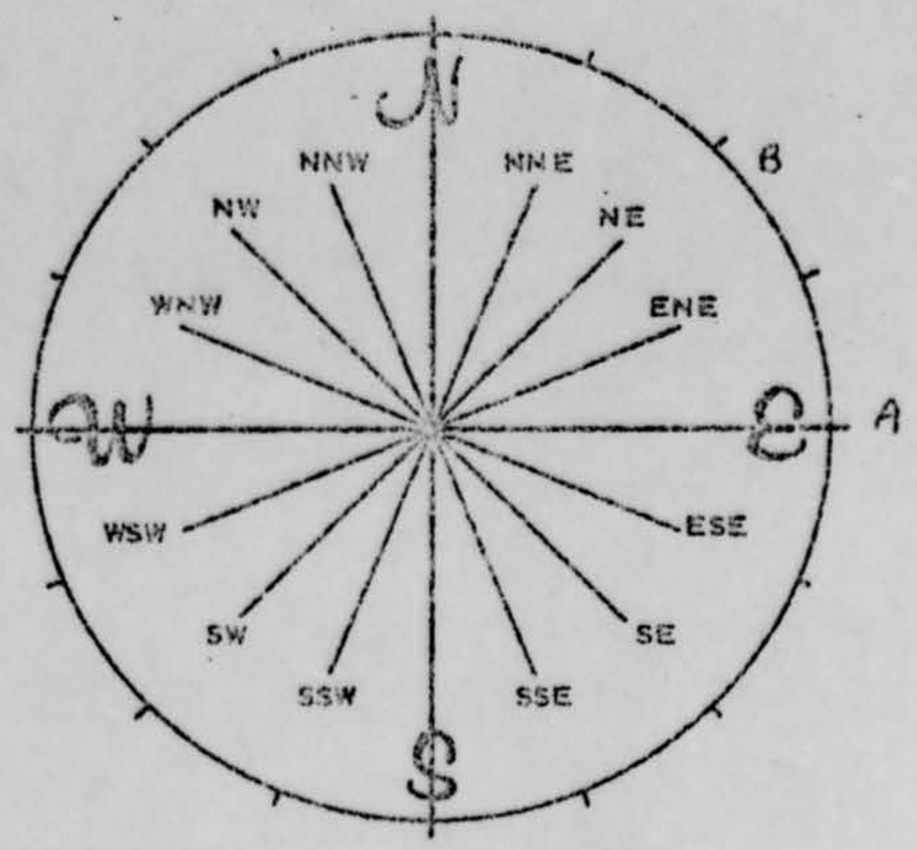
57

[redacted]

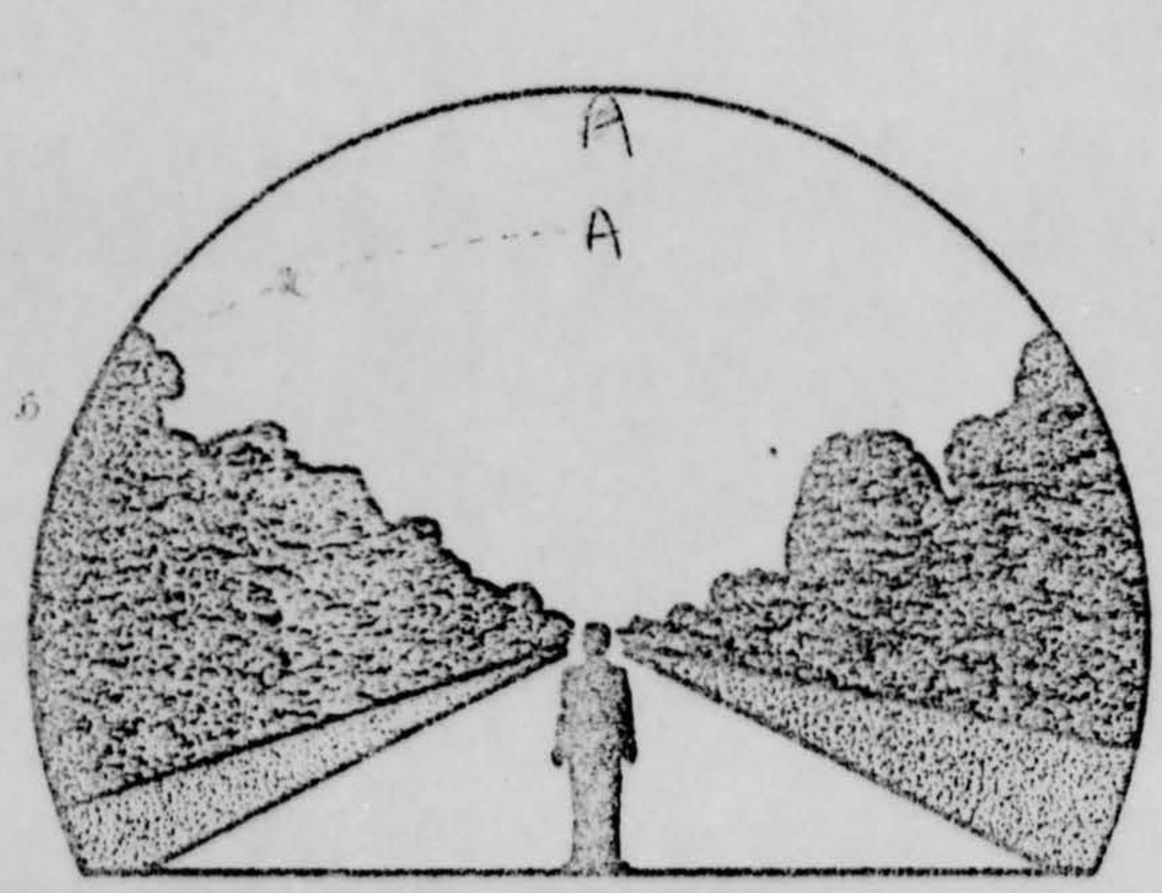
Numerous reports of glowing objects that were observed in the skies on March 3 at approximately 9:45 pm, EST, have been identified as a portion of the recent Soviet probe ZOND-4. The trajectory of the objects prior to decay was from Lexington, Kentucky, to Pittsburgh, Pennsylvania. The objects may have impacted the earth shortly hafter the last reported sighting in the Pittsburgh area.

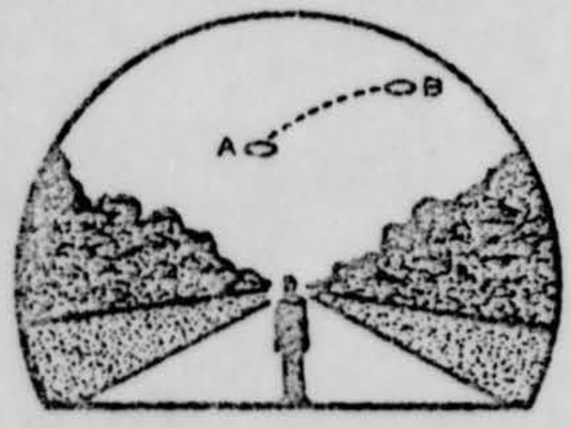
[redacted]

6A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? *(Check appropriate blocks.)*

	OUTDOORS		IN BUSINESS SECTION OF CITY
	IN BUILDING		IN RESIDENTIAL SECTION OF CITY
X	IN CAR ☒ AS DRIVER ☐ AS PASSENGER	X	IN OPEN COUNTRYSIDE
	IN BOAT		NEAR AIRFIELD
	IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER		FLYING OVER CITY
	OTHER		FLYING OVER OPEN COUNTRY
			OTHER

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:

WHAT DIRECTION WERE YOU MOVING?

	NORTH	X	EAST
	SOUTH		WEST
	NORTHEAST		SOUTHEAST
	NORTHWEST		SOUTHWEST

HOW FAST WERE YOU MOVING?
50-60 MPH

DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON? ☐ YES ☒ NO

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.
no

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN. DRIVING IN MY CAR 1964 FORD 2DR HT. TH. Road was straight and flat while I was observing

HOW MUCH OTHER TRAFFIC WAS THERE?
NONE

DID YOU NOTICE ANY AIRPLANES? ☐ YES ☒ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME
I watched it for about 1½ to 2min

	CERTAIN OF TIME		NOT VERY SURE
X	FAIRLY CERTAIN		JUST A GUESS

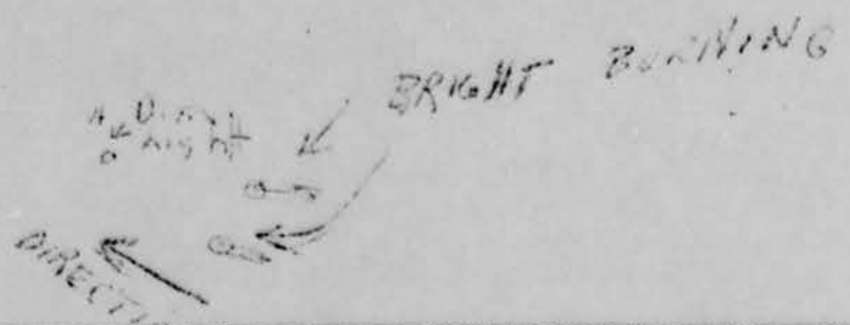
HOW WAS TIME DETERMINED?
By my WATCH

WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.

FOR AS LONG AS I observed it. I did not watch it go out of sight as I made a TURN to the south on Rt [redacted] and [redacted] Rd.

59

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?



11. CONDITIONS *(Check appropriate blocks.)*

A. SKY		B. WEATHER			
	DAY		CUMULUS CLOUDS *(Low fluffy)*		FOG OR MIST
	TWILIGHT		CIRRUS CLOUDS *(High fleecy or Herring-bone)*		HEAVY RAIN
X	NIGHT				LIGHT RAIN OR DRIZZLE
X	CLEAR		NIMBUS CLOUDS *(Rain)*		HAIL
	PARTLY CLOUDY		CUMULONIMBUS CLOUDS *(Thunderstorms)*		SNOW OR SLEET
	COMPLETELY OVERCAST				UNKNOWN
			HAZE OR SMOG		NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS		(2) MOON		
	NONE		BRIGHT MOONLIGHT		NO MOONLIGHT
	A FEW		MOON WITH HALO	X	UNKNOWN
	MANY		MOON HIDDEN BY CLOUDS		
X	UNKNOWN		PARTIAL *(New or quarter)*		

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

	IN FRONT OF YOU		TO YOUR RIGHT		OVERHEAD *(Near noon)*
	IN BACK OF YOU		TO YOUR LEFT		UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

IN the DARK it appeared
as would ~~Three~~ Jets flying in a formation
where the back two might have after burners
on. The only thing I saw was a dim
light in front followed by two trailing
objects which seemed to be burning they
were both ~~spaced~~ the same distance from the
dim light
~~Red~~ Orange glow from both.

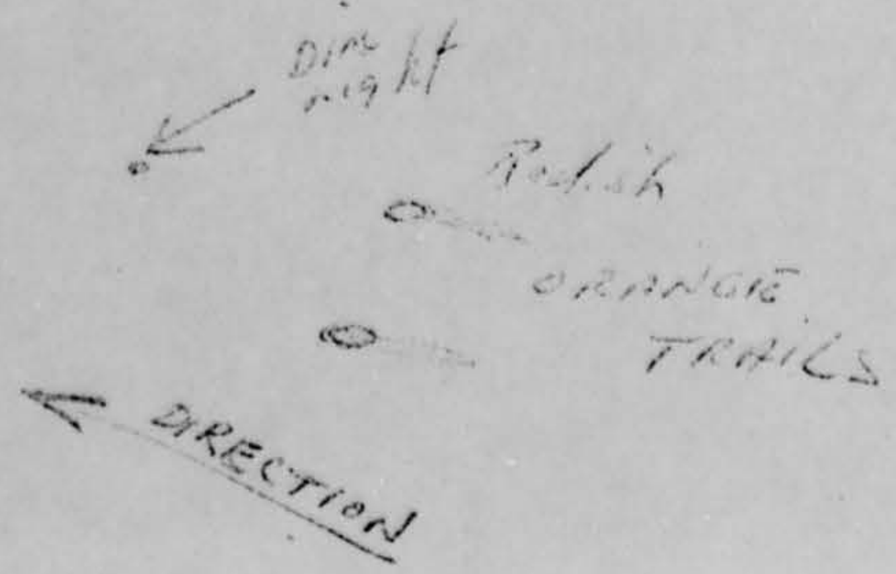
13. DID THE PHENOMENON	YES	NO	UNKNOWN
MOVE IN A STRAIGHT LINE? with curves curvature	✓		
STAND STILL AT ANYTIME?			
SUDDENLY SPEED UP AND RUN AWAY?			
BREAK UP IN PARTS AND EXPLODE?			
CHANGE COLOR?			
GIVE OFF SMOKE?			
CHANGE BRIGHTNESS?			
CHANGE SHAPE?			
FLASH OR FLICKER?			
DISAPPEAR AND REAPPEAR?			
SPIN LIKE A TOP?			
MAKE A NOISE?			
FLUTTER OR WOBBLE?			

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON? my daughter spotted them 1st

A. HOW DID IT FINALLY DISAPPEAR? I didn't see it disappear as I was driving and turned south on Rt 301 which would take it out of my view

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☐ YES ☒ NO. IF "YES," DESCRIBE.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.



16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

unable to figure so close. I would think the spacing between the three light objects could not fit under a match head. possibly one light object could with some illumination because of light streams.

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.

X	EYEGLASSES — FILTERED		CAMERA VIEWER
	SUNGLASSES		BINOCULARS
X	WINDSHIELD		TELESCOPE
	SIDE WINDOW OF VEHICLE		THEODOLITE
	WINDOWPANE		OTHER

A. DO YOU ORDINARILY WEAR GLASSES? ☐ YES ☒ NO

B. DO YOU USE READING GLASSES? ☐ YES ☒ NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED 5 to 400 MPH

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE 15 MILES

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

There were jets flying in a triangle (as an arrow head) formation with the two behind the one in the lead with there after burners on. The probable difference may be that the length of the streams in this instance probably was longer than one of after burners.

21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☒ NO. IF "YES," DESCRIBE.

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☒ NO. IF "YES," DESCRIBE.

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☒ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☒ YES ☐ NO. IF "YES," DID THEY SEE IT TOO? ☒ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES My daughter Tyrs old At beg
address.

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME [redacted]

ADDRESS (Street, City, State and Zip Code) [redacted] CARLISLE, OHIO 45344

TELEPHON[redacted]	AGE 34	X	MALE		FEMALE

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

ELECTRONICS TECHNICIAN - GS-11
WPAFB - FTO - TDORS - .

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?
I didn't Report it.

NAME _____ DAY _____ MONTH _____ YEAR _____

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 8 MONTH MARCH YEAR 1968

Sharonville Ohio

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will *not* be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

3 (Day) Ma (Month) 68 (Year)

2. Time of day: 0945 (Hour) _____ (Minutes)

(Circle One): A.M. or P.M.

3. Time Zone:

(Circle One): a. Eastern b. Central c. Mountain d. Pacific e. Other Local

(Circle One): a. Daylight Saving b. Standard

4. Where were you when you saw the object?

home address (Nearest Postal Address) _____ (City or Town) Ohio (State or County)

5. How long was object in sight? (Total Duration) _____ (Hours) _____ (Minutes) 20 (Seconds)

a. Certain
b. Fairly certain
c. Not very sure
d. Just a guess

5.1 How was time in sight determined? Estimate

5.2 Was object in sight continuously? Yes ✓ No _____

6. What was the condition of the sky?

DAY
a. Bright
b. Cloudy

NIGHT
a. Bright
b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you b. In back of you c. To your right d. To your left e. Overhead f. Don't remember

N/A

FTD FORM OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

_____

12. The edges of the object were:

(Circle One):
a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other set up

13. Did the object:

(Circle One for each question)

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

14. Did the object disappear while you were watching it? If so, how?

4pm

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind: _____

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of: _____

17. Tell in a few words the following things about the object:

a. Sound no

b. Color red bright red

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

about one quarter of match

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

Looks like two plane vapor trails

w/3 planes or so of one, according to

[illegible]

[redacted]

MEMO FOR THE RECORD 5 March 1968

Subject: UFO Observation, 3 March 1968.

Lt Marano spoke with Captain Shea, SAFOIP at 1300 hours regarding release of information on the UFO report of 3 March. Captain Shea informed Lt Marano that the whole question on the release of the information on this sighting was coming more and more complicated. He said that NORAD is reluctant to say that this is a piece of Zond -4. NORAD won't buy the fact that it is positively ZOND-4. Kitnchee from NORAD doesn't want to say this. Lt Marano informed Capt Shea that Lt Barlett had said "We are quite certain that this is a piece of debris from the USSR launch ZOND-4 which is the most recent launch. It, the debris, was about 16 minutes ahead of the main pieces of the launch. We have no v visuals, but are putting ground tracers on it. Al Waters, from SAO, had reports from Louisville, Kentucky." Shead said he would say that to DOD. He says they are having problems with NASA and Kitchnee. Lt Marano gave Capt Shea the following short brief description that could be used in place of the previous release given to Shea earlier today.

"On March 3, 1968, between 9:45 and 9:50 pm, EST, numerous observers in the Indiana, Kentucky, Ohio, West Virginia and Pennsylvania area sighted serveral whitish to bluish white lights that appeared to have orangish-red tai ls. The majority of the observers stated that there were three objects traveling in a northeast direction. These objects were sightedby numerous ground observers and also by several ircraft pilots. Indianapolis FAA Center was notified at the time of the sighting but did not paint any objects on radar that could be correlated to the UFOs. The Space Detection Center reported that they were certain that the sightings were the result of the decay of space debris into the earth's atmosphere, and it is believed that these objects may hav[redacted]ylvania. The

20. Do you think you can estimate the speed of the object?

(Circle One) Yes No

IF you answered YES, then what speed would you estimate? _____

21. Do you think you can estimate how far away from you the object was?

(Circle One) Yes No

IF you answered YES, then how far away would you say it was? _____

22. Where were you located when you saw the object? (Circle One):

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you (Circle One)

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest

24.2 How fast were you moving? _____ miles per hour.

N/A

24.3 Did you stop at any time while you were looking at the object?

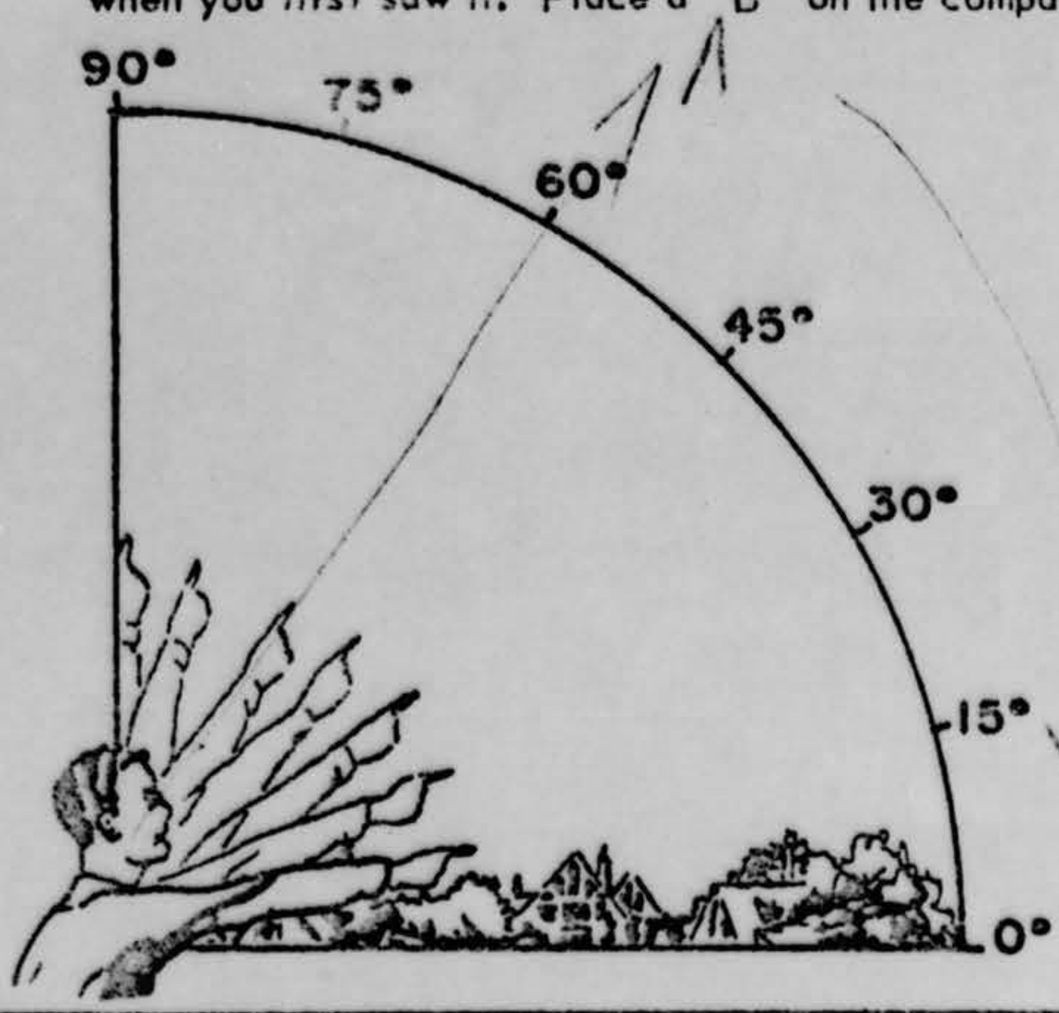
(Circle One) Yes No

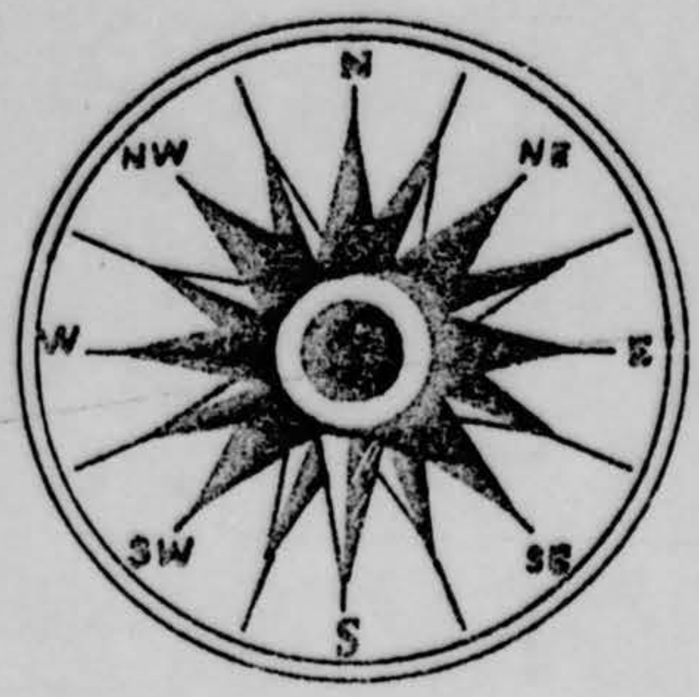
25. Did you observe the object through any of the following?

a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

29. IF there was MORE THAN ONE object, then how many were there? _____
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

dec 19

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

31. Was anyone else with you at the time you saw the object? *(Circle One)* Yes No

31.1 IF you answered YES, did they see the object too? *(Circle One)* Yes No

31.2 Please list their names and addresses:

(2 [redacted] whole family [redacted] member

32. Please give the following information about yourself: SDO

NAME _____ _____ _____
Last Name First Name Middle Name

ADDRESS _____ _____ _____ _____
Street City Zone State

TELEPHONE NUMBER _____ AGE _____ SEX _____

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

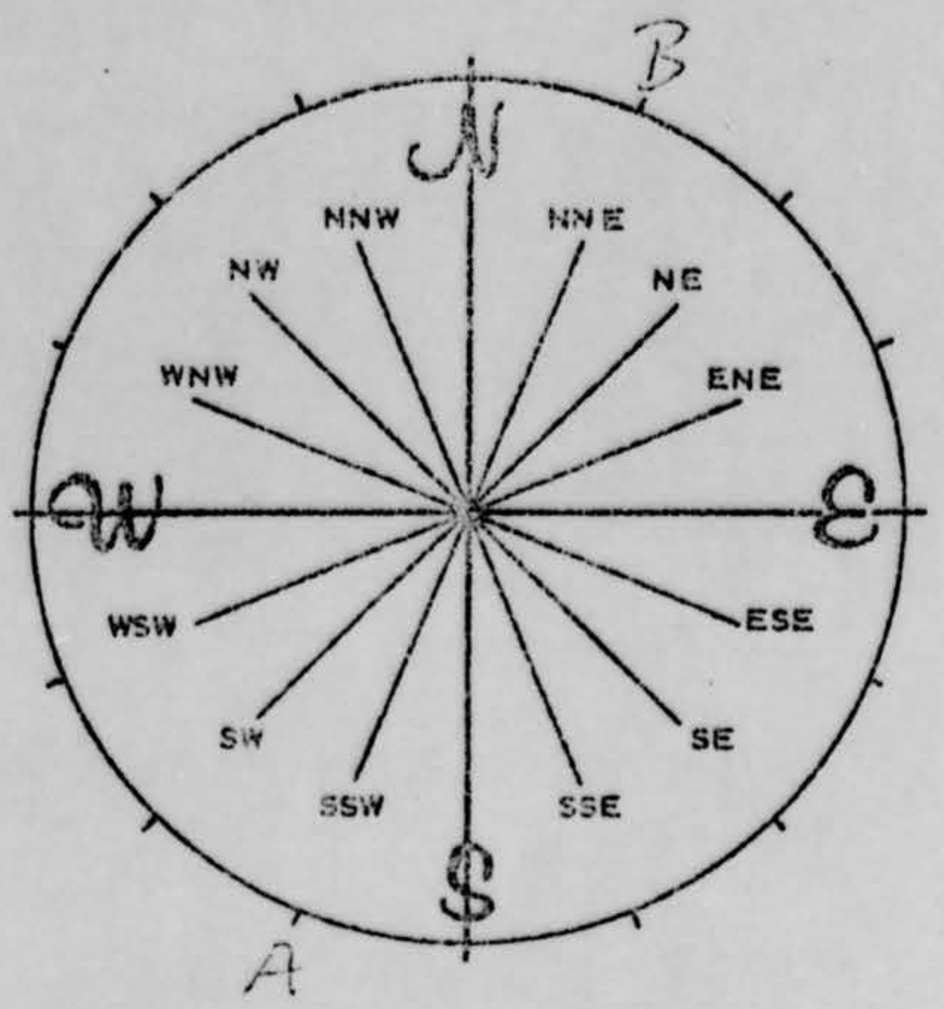
3 _____ 66
Day Month Year

23

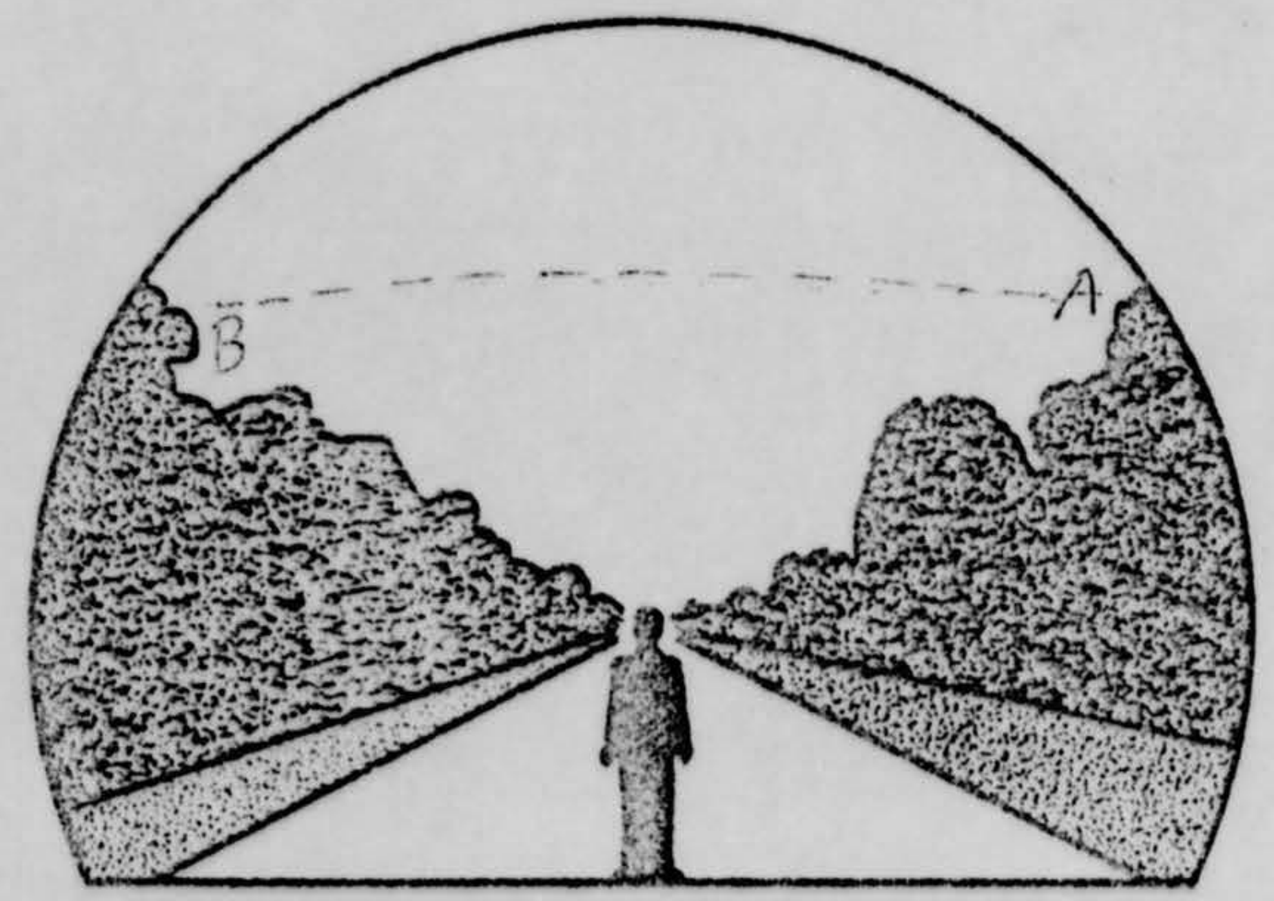
34. Date you completed this questionnaire: _____ _____ _____
Day Month Year

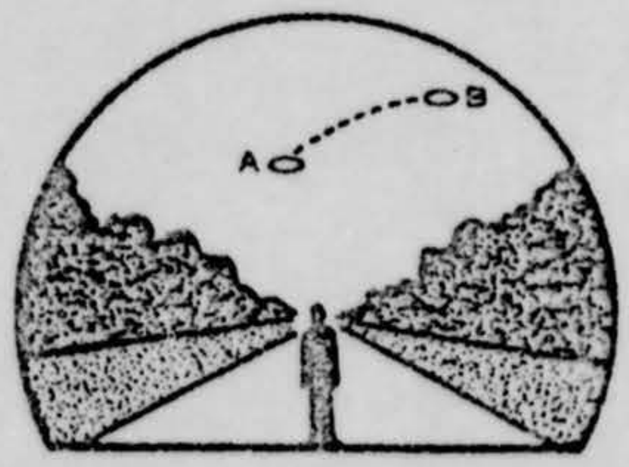
35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

8A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





AFR 80-17(C1)

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL NUMBER 21-R359

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. *(IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)*

1. WHEN DID YOU SEE THE PHENOMENON? DAY 3 MONTH MAR YEAR 68

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON? HOUR 09 MINUTES 48½ ☐ A.M. ☒ P.M.

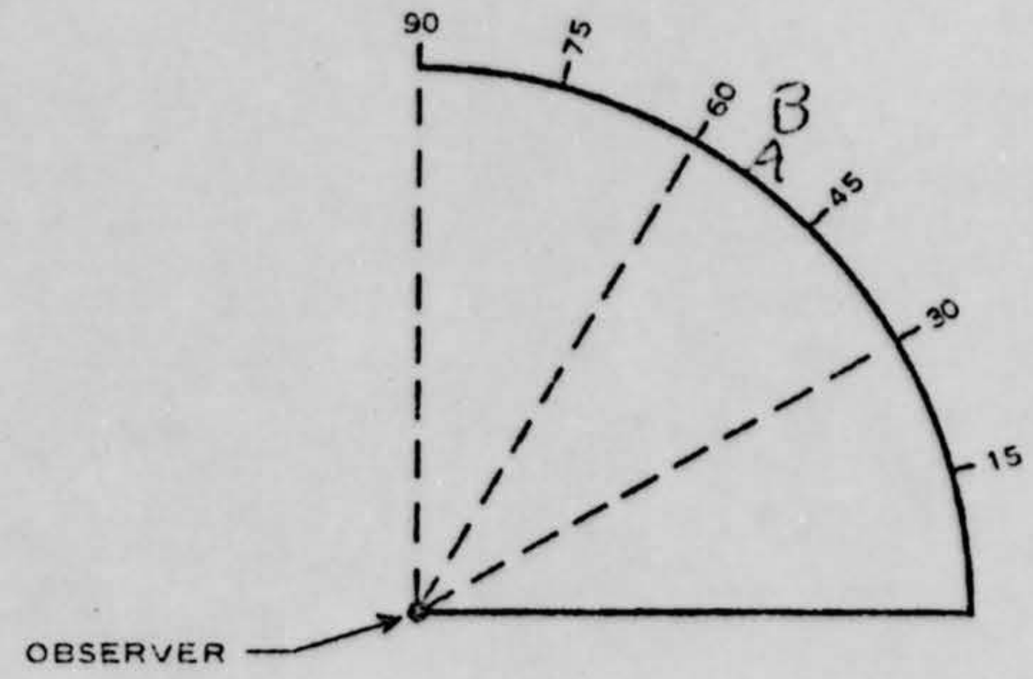
3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON? HOUR 9 MINUTES 50 ☐ A.M. ☒ P.M.

4. TIME ZONE ☐ DAYLIGHT SAVINGS ☒ STANDARD
☒ EASTERN ☐ CENTRAL ☐ MOUNTAIN ☐ PACIFIC ☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

ON MY FRONT PORCH [redacted]

6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.



AF FORM AUG 67 117

8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? *(Check appropriate blocks.)*

✓	OUTDOORS		IN BUSINESS SECTION OF CITY
	IN BUILDING		IN RESIDENTIAL SECTION OF CITY
	IN CAR ☐ AS DRIVER ☐ AS PASSENGER		IN OPEN COUNTRYSIDE
	IN BOAT		NEAR AIRFIELD
	IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER		FLYING OVER CITY
	OTHER		FLYING OVER OPEN COUNTRY
		✓	OTHER FRONT PORCH OUTSIDE CITY

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:

WHAT DIRECTION WERE YOU MOVING?

	NORTH		EAST
	SOUTH		WEST
	NORTHEAST		SOUTHEAST
	NORTHWEST		SOUTHWEST

HOW FAST WERE YOU MOVING?

DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON? ☐ YES ☐ NO

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.

—

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.

—

HOW MUCH OTHER TRAFFIC WAS THERE?

—

DID YOU NOTICE ANY AIRPLANES? ☐ YES ☒ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME [redacted]		CERTAIN OF TIME		NOT VERY SURE
	X	FAIRLY CERTAIN		JUST A GUESS

HOW WAS TIME DETERMINED?

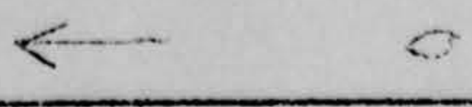
CHECKED CLOCK AFTER SIGHTING DISAPPEARED

WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.

3

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

THREE VERY SMALL GLOWING OBJECTS WITH UNUSUALLY LONG THIN TRIANGULAR TRAILS, NO CHANGE IN ARRANGEMENT OF OBJECTS.



11. CONDITIONS *(Check appropriate blocks.)*

A. SKY		B. WEATHER			
	DAY		CUMULUS CLOUDS *(Low fluffy)*		FOG OR MIST
	TWILIGHT		CIRRUS CLOUDS *(High fleecy or Herring-bone)*		HEAVY RAIN
X	NIGHT				LIGHT RAIN OR DRIZZLE
X	CLEAR		NIMBUS CLOUDS *(Rain)*		HAIL
	PARTLY CLOUDY		CUMULONIMBUS CLOUDS *(Thunderstorms)*		SNOW OR SLEET
	COMPLETELY OVERCAST				UNKNOWN
			HAZE OR SMOG	X	NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS		(2) MOON			
	NONE	X	BRIGHT MOONLIGHT		NO MOONLIGHT
	A FEW		MOON WITH HALO		UNKNOWN
X	MANY		MOON HIDDEN BY CLOUDS		
	UNKNOWN		PARTIAL *(New or quarter)*		

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

	IN FRONT OF YOU		TO YOUR RIGHT		OVERHEAD *(Near noon)*
	IN BACK OF YOU		TO YOUR LEFT		UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

ONE HOUSE YARD LIGHT 150 FT DISTANT

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

THE THREE OBJECTS WERE SELF-LUMINOUS, YELLOW ORANGE FAVORING A RUST SHADE. NO SHAPE WAS VISIBLE EXCEPT FOR A SHARP CIRCULAR GLOW WITH A VERY LONG THIN TRIANGULAR TRAIL. THE TRAIL SEEMED TO BE IONIZED. ALSO LUMINOUS.
THE TWO UPPER OBJECTS WERE THE SIZE OF A PING PONG BALL AND THE LOWER ONE WAS SLIGHTLY LARGER AND A LITTLE MORE LUMINOUS.

13. DID THE PHENOMENON	YES	NO	UNKNOWN
MOVE IN A STRAIGHT LINE?	X		
STAND STILL AT ANYTIME?		X	
SUDDENLY SPEED UP AND RUN AWAY?		X	
BREAK UP IN PARTS AND EXPLODE?		X	
CHANGE COLOR?		X	
GIVE OFF SMOKE?		X	
CHANGE BRIGHTNESS?		X	
CHANGE SHAPE?		X	
FLASH OR FLICKER? TRAILS FLICKERED	X		
DISAPPEAR AND REAPPEAR?		X	
SPIN LIKE A TOP?		X	
MAKE A NOISE?		X	
FLUTTER OR WOBBLE?		X	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

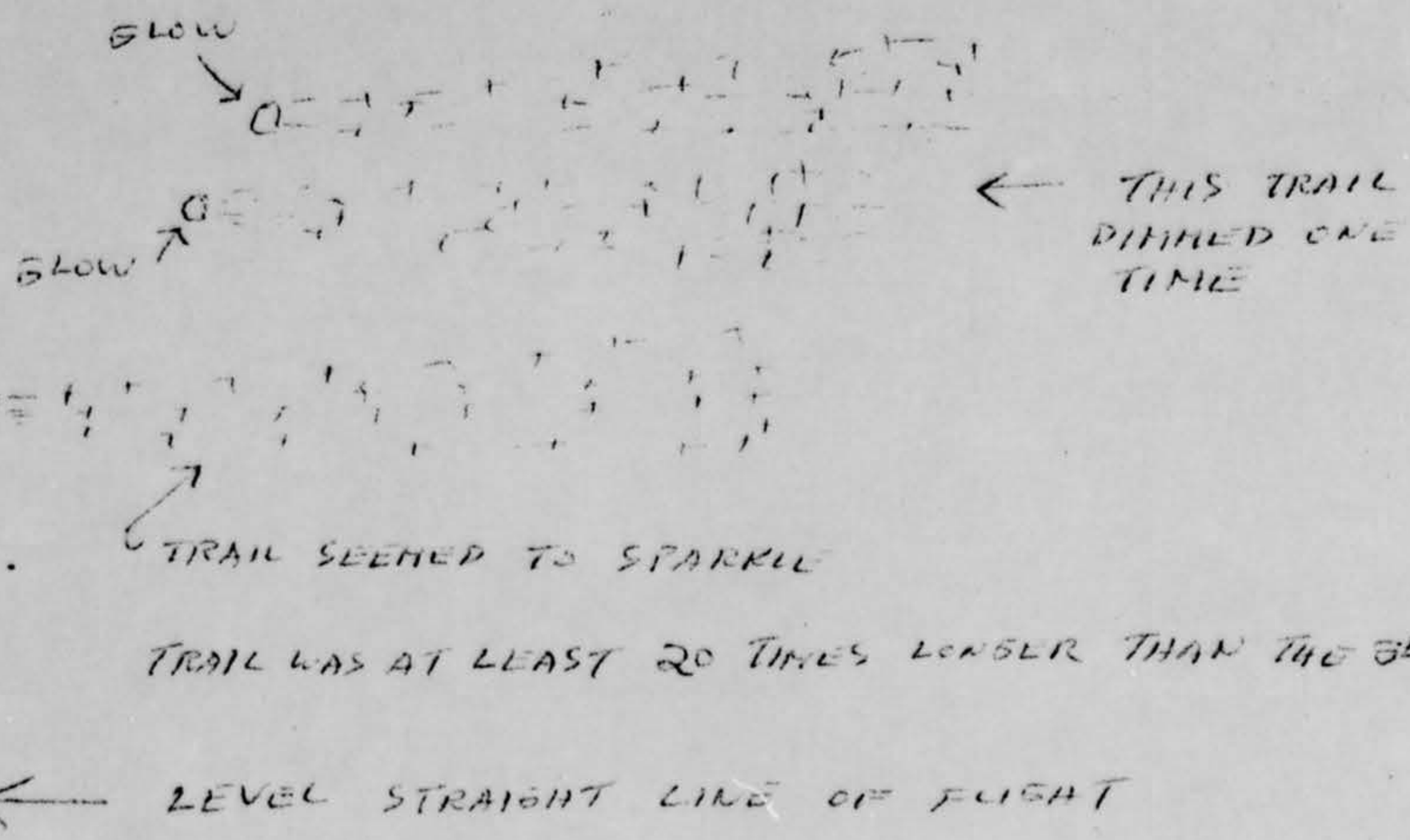
TWO SONS ON FRONT PORCH ESCORTING A DEPARTING NEIGHBOR BOY. CALLED WHEN THE OBJECTS WERE SIGHTED

A. HOW DID IT FINALLY DISAPPEAR?

IN LEVEL FLIGHT OVER THE HORIZON (TREES)

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☐ YES ☒ NO. IF "YES," DESCRIBE.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.



16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

THE PHENOMENA WOULD HAVE BEEN ALMOST COMPLETELY COVERED. HOWEVER, THE COMPLETE TRAIL WOULD BE VISIBLE.

[redacted]

sightings are being carried as satellite decay in Project Blue Book files. "

Captain Shea said it looked good and he wanted to take it down to DOD press and see if they would buy it. Shea said DOD would do all the necessary coordination with NORAD and everyone else. Lt Marano asked Captain Shea if he (Lt Marano) would have to get any further coordination and Capt Shea replied No that they would take c re of it. Capt Shea will call us back if he has any further questions.

Lt Marano then called Mr [redacted] and informed him of the above conversation.

[redacted]

3C3

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☒ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☒ YES ☐ NO. IF "YES," DID THEY SEE IT TOO? ☒ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

[redacted] BELOW

[redacted] OHIO

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME [redacted]

ADDRESS (S[redacted] Code) [redacted] SPRINGFIELD OHIO

TEL[redacted]

AGE				
48	X	MALE		FEMALE

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

1. AIRCRAFT MECHANIC AT WPAFB 12 YRS
2. AIRCRAFT INSPECTOR 5 YRS
3. RATED CELESTIAL NAVIGATOR W W II
4. MAINTENANCE ANALYST AT WPAFB 6 YRS

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?

NAME [redacted] DAY 4 MONTH MAR YEAR 68

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 5 MONTH MAR YEAR 68

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA. NO

	EYEGLASSES		CAMERA VIEWER
	SUNGLASSES		BINOCULARS
	WINDSHIELD		TELESCOPE
	SIDE WINDOW OF VEHICLE		THEODOLITE
	WINDOWPANE		OTHER

A. DO YOU ORDINARILY WEAR GLASSES? ☐ YES ☒ NO

B. DO YOU USE READING GLASSES? ☒ YES ☐ NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED 1500 MPH

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE BELOW 40,000 FEET

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

THE OUTSTANDING FEATURE WAS THE TRAIL OF EACH GLOWING OBJECT. THIS TRAIL I WOULD COMPARE SOMEWHAT TO TAIL SPARKS PRODUCED WHEN STEEL IS HELD AGAINST A GRINDING WHEEL.

21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☒ NO. IF "YES," DESCRIBE.

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☒ NO. IF "YES," DESCRIBE.

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27. INFORMATION WHICH YOU FEEL IS PERTINENT BUT WHICH IS NOT ADEQUATELY COVERED IN THIS QUESTIONNAIRE, ALTERNATIVELY PROVIDE A NARRATIVE EXPLANATION OF THE SIGHTING.

COMMON SENSE SAYS I VIEWED A METEOR. HOWEVER, A DISTURBING FACT IS THAT THERE WERE THREE OBJECTS AND THE LINE OF FLIGHT WAS PARALLEL WITH THE HORIZON.

U.S. AIR FORCE TECHNICAL INFORMATION

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED AERIAL PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER AS MANY QUESTIONS AS YOU POSSIBLY CAN. THE INFORMATION THAT YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY STATEMENTS, CONCLUSIONS, OR PUBLICATIONS WITHOUT YOUR PERMISSION. WE REQUEST THIS PERSONAL INFORMATION SO THAT IF IT IS DEEMED NECESSARY, WE MAY CONTACT YOU FOR FURTHER DETAILS.

1. WHEN DID YOU SEE THE OBJECT? DAY: 3rd MONTH: MARCH YEAR: 1968

2. TIME OF DAY: HOUR: 9 MINUTES: 45 A.M. (P.M.) (CIRCLE ONE).

3. TIME ZONE: (A.) EASTERN; B. CENTRAL; C. MOUNTAIN; D. PACIFIC; E. OTHER _____ CIRCLE ONE.
(A.) DAYLIGHT SAVING; B. STANDARD (CIRCLE ONE).

4. WHERE WERE YOU WHEN YOU SAW THE OBJECT? NEAREST POSSIBLE ADDRESS: ALOFT @ 5500'

CITY OR TOWN OVER TIPP CITY STATE OR COUNTRY OHIO

5. HOW LONG WAS OBJECT IN SIGHT? (TOTAL DURATION) HOURS: _____ MINUTES: _____ SECONDS: APROX 10
(A.) CERTAIN B. FAIRLY CERTAIN C. NOT VERY SURE D. JUST A GUESS (CIRCLE ONE)

5.1 HOW WAS TIME IN SIGHT DETERMINED? ESTIMATED

5.2 WAS OBJECT IN SIGHT CONTINUOUSLY? (YES) _____ NO _____

6. WHAT WAS THE CONDITION OF THE SKY? DAY: A. BRIGHT B. CLOUDY; (NIGHT: A. BRIGHT) C. CLOUDY.

7. IF YOU SAY THE OBJECT DURING DAYLIGHT, WHERE WAS THE SUN LOCATED AS YOU LOOKED AT THE OBJECT?
CIRCLE ONE: A. IN FRONT OF YOU; B. IN BACK OF YOU; C. TO YOUR RIGHT; D. TO YOUR LEFT; E. OVERHEAD;
F. DON'T REMEMBER.

8. IF YOU SAW THE OBJECT (AT NIGHT,) WHAT DID YOU NOTICE CONCERNING THE STARS AND MOON?

8.1 STARS (CIRCLE ONE) A. NONE; B. A FEW; (C. MANY;) D. DON'T REMEMBER.

8.2 MOON (CIRCLE ONE) (A. BRIGHT) MOONLIGHT; B. DULL MOONLIGHT; C. NO MOONLIGHT-PITCH DARK; D. DON'T REMEMBER.

9. WHAT WERE THE WEATHER CONDITIONS AT THE TIME YOU SAW THE OBJECT?

CLOUDS (CIRCLE ONE) (A. CLEAR SKY;) B. HAZY; C. SCATTERED CLOUDS; D. THICK OR HEAVY CLOUDS.

WEATHER (CIRCLE ONE) (A. DRY;) B. FOG, MIST, OR LIGHT RAIN; C. MODERATE OR HEAVY RAIN; D. SNOW; E. DON'T REMEMBER.

10. THE OBJECT APPEARED: (CIRCLE ONE): A. SOLID; B. TRANSPARENT; C. VAPOR; (D. AS A LIGHT;) E. DON'T REMEMBER.

11. IF IT APPEARED AS A LIGHT, WAS IT BRIGHTER THAN THE BRIGHTEST STARS? (CIRCLE ONE): (A. BRIGHTER;) B. DIMMER; C. ABOUT THE SAME; D. DON'T KNOW.

11.1 COMPARE BRIGHTNESS TO SOME COMMON OBJECT: Meteorite

12. THE EDGES OF THE OBJECT WERE: (CIRCLE ONE): A. FUZZY OR BLURRED; B. LIKE A BRIGHT STAR; C. SHARPLY OUTLINED; D. DON'T REMEMBER; E. OTHER ONLY SAW TRAIL LIKE EXHAUST TOO FAR away to determine leading OBJECTS

13. DID THE OBJECT:

		(CIRCLE ONE FOR EACH QUESTION)	
A. APPEAR TO STAND STILL AT ANY TIME?	YES	(NO)	DON'T KNOW
B. SUDDENLY SPEED UP AND RUSH AWAY AT ANY TIME?	YES	(NO)	DON'T KNOW
C. BREAK UP INTO PARTS OR EXPLODE?	YES	(NO)	DON'T KNOW
D. GIVE OFF SMOKE?	YES	(NO)	DON'T KNOW
E. CHANGE BRIGHTNESS?	YES	(NO)	DON'T KNOW
F. CHANGE SHAPE?	YES	(NO)	DON'T KNOW
G. FLASH OR FLICKER?	YES	(NO)	DON'T KNOW
H. DISAPPEAR AND REAPPEAR?	YES	(NO)	DON'T KNOW

14. DID THE OBJECT DISAPPEAR WHILE YOU WERE WATCHING IT? IF SO, HOW? YES Just seemed to fade from SIGHT, rather than fly out OF VIEW, or over the horizon

15. DID THE OBJECT MOVE BEHIND SOMETHING AT ANY TIME, PARTICULARLY A CLOUD? (CIRCLE ONE) YES (NO) DON'T KNOW

IF ANSWERED YES, THEN TELL WHAT IT MOVED BEHIND: _____

16. DID THE OBJECT MOVE IN FRONT OF SOMETHING AT ANY TIME, PARTICULARLY A CLOUD? (CIRCLE ONE) YES (NO)
DON'T KNOW. IF ANSWERED YES, THEN TELL WHAT IN FRONT OF: _____

17. TELL IN A FEW WORDS THE FOLLOWING THINGS ABOUT THE OBJECT:

A. SOUND None - Very High Altitude

B. COLOR Exhaust (?) Bright orange, short tail like

18. WE WISH TO KNOW THE ANGULAR SIZE. HOLD A MATCH STICK AT ARM'S LENGTH IN LINE WITH A KNOWN OBJECT AND NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. IF YOU HAD PERFORMED THIS EXPERIMENT AT THE TIME OF THE SIGHTING, HOW MUCH OF THE OBJECT WOULD HAVE BEEN COVERED BY THE MATCH HEAD? TOTAL

19. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE OBJECT OR OBJECTS. LABEL AND INCLUDE IN YOUR SKETCH ANY DETAILS OF THE OBJECT THAT YOU SAW SUCH AS WINGS, PROTRUSIONS, ETC., AND ESPECIALLY EXHAUST TRAILS OR VAPOR TRAILS. PLACE AN ARROW BESIDE THE DRAWING TO SHOW THE DIRECTION THE OBJECT WAS MOVING.

Three objects in formation traveling north (very high)

20. DO YOU THINK YOU CAN ESTIMATE THE SPEED OF THE OBJECT? (CIRCLE ONE) YES (NO) IF YOU ANSWERED YES, THEN WHAT SPEED WOULD YOU ESTIMATE? .....

21. DO YOU THINK YOU CAN ESTIMATE HOW FAR AWAY FROM YOU THE OBJECT WAS? (CIRCLE ONE) YES (NO) IF YOU ANSWERED YES, THEN HOW FAR AWAY WOULD YOU SAY IT WAS? .....

22. WHERE WERE YOU LOCATED WHEN YOU SAW THE OBJECT? (CIRCLE ONE): A. INSIDE A BUILDING; B. IN A CAR; C. OUTDOORS; (D.) IN AN AIRPLANE (TYPE); E. AT SEA; F. OTHER Piper PA 28.

23. WERE YOU (CIRCLE ONE): A. IN THE BUSINESS SECTION OF A CITY?; (B.) IN THE RESIDENTIAL SECTION OF A CITY?; C. IN OPEN COUNTRYSIDE?; (D.) NEAR AN AIRFIELD?; E. FLYING OVER A CITY?; F. FLYING OVER OPEN COUNTRY?; G. OTHER .....

24. IF YOU WERE MOVING IN AN AUTOMOBILE OR OTHER VEHICLE AT THE TIME, THEN COMPLETE THE FOLLOWING QUESTIONS:

24.1 WHAT DIRECTION WERE YOU MOVING? (CIRCLE ONE): A. NORTH; (B.) NORTHEAST; C. EAST; D. SOUTHEAST; E. SOUTH; F. SOUTHWEST; G. WEST; H. NORTHWEST.

24.2 HOW FAST WERE YOU MOVING? 110 MILES PER HOUR.

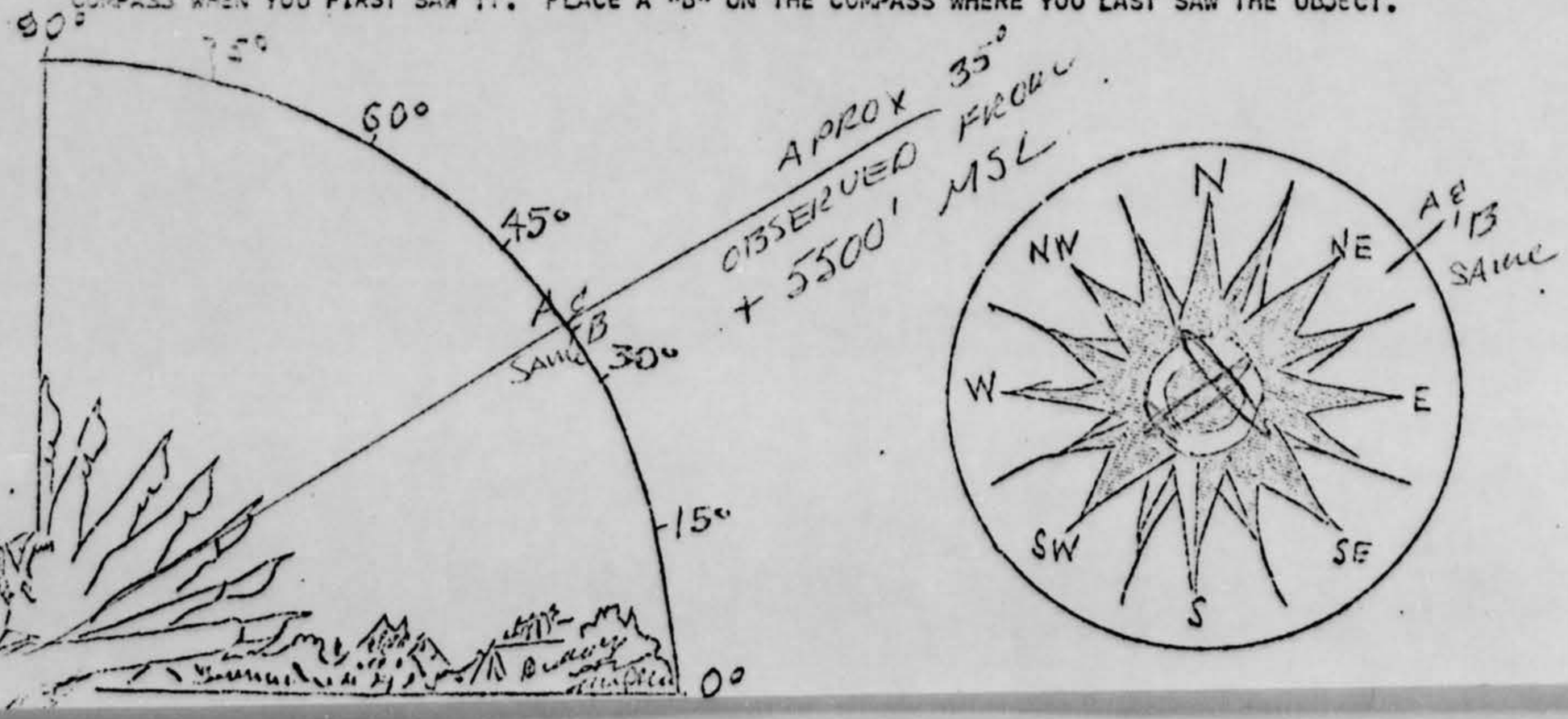
24.3 DID YOU STOP AT ANY TIME WHILE YOU WERE LOOKING AT THE OBJECT? (CIRCLE ONE) YES (NO)

25. DID YOU OBSERVE THE OBJECT THROUGH ANY OF THE FOLLOWING?

A. EYEGLASSES	YES	NO	E. BINOCULARS	YES	NO
B. SUN GLASSES	YES	NO	F. TELESCOPE	YES	NO
C. WINDSHIELD	(YES)	NO	G. THEODOLITE	YES	NO
D. WINDOW GLASS	YES	NO	H. OTHER		

26. IN ORDER THAT YOU CAN GIVE AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED UP IN THE SKY, WOULD GIVE THE SAME APPEARANCE AS THE OBJECT YOU SAW. HIGH Flying Jets, EXCEPT VAPOR TRAILS WOULD HAVE BEEN MUCH LONGER

27. IN THE FOLLOWING SKETCH, IMAGINE THAT YOU ARE AT THE POINT SHOWN. ALACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE OBJECT WAS ABOVE THE HORIZON(SKYLINE) WHEN YOU FIRST SAW IT. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH THE OBJECT WAS ABOVE THE HORIZON (SKYLINE) WHEN YOU LAST SAW IT. PLACE AN "A" ON THE COMPASS WHEN YOU FIRST SAW IT. PLACE A "B" ON THE COMPASS WHERE YOU LAST SAW THE OBJECT.



28. DRAW A PICTURE THAT WILL SHOW THE MOTION THAT THE OBJECT OR OBJECTS MADE. PLACE AN "A" AT THE BEGINNING OF THE PATH, A "B" AT THE END OF THE PATH, AND SHOW ANY CHANGES IN DIRECTION DURING THE COURSE.

29. IF THERE WAS MORE THAN ONE OBJECT, THEN HOW MANY WERE THERE?
DRAW A PICTURE OF HOW THEY WERE ARRANGED, AND PUT AN ARROW TO SHOW THE DIRECTION THAT THEY WERE TRAVELLING.

Same

30. HAVE YOU EVER SEEN THIS, OR A SIMILAR OBJECT BEFORE. IF SO GIVE DATE OR DATES AND LOCATION. NO

31. WAS ANYONE ELSE WITH YOU AT THE TIME YOU SAW THE OBJECT? (CIRCLE ONE) (YES) NO

31.1 IF YOU ANSWERED YES, DID THEY SEE THE OBJECT TOO? (CIRCLE ONE) (YES) NO

31.2 PLEASE LIST THEIR NAMES AND ADDRESSES:

Miss [redacted]

DA[redacted]

32. PLEASE GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF:

NAME [redacted] [redacted]
LAST NAME FIRST NAME MIDDLE NAME

ADDRESS [redacted] DAYTON 14 Ohio
STR[redacted] CITY ZONE STATE

TELEPHONE NUMBER [redacted] AGE 38 SEX M

INDICATE ANY ADDITIONAL INFORMATION ABOUT YOU SELF, INCLUDING ANY SPECIAL EXPERIENCE, WHICH MIGHT BE PERTINENT.
Private Pilot

W.P.A.F.B DAYTON Ohio

33. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SEEN THE OBJECT? 4 (DAY) 3 (MONTH) 1968 (YEAR)

34. DATE YOU COMPLETED THIS QUESTIONNAIRE: 13 (DAY) 3 (MONTH) 68 (YEAR)

35. INFORMATION WHICH YOU FEEL PERTINENT AND WHICH IS NOT ADEQUATELY COVERED IN THE SPECIFIC POINTS OF THE QUESTIONNAIRE OR A NARRATIVE EXPLANATION OF YOUR SIGHTING.

When first sighted I advised my passenger they were probably High flying Jets jetsoning fuel, or reflection on vapor trails from same. I wasn't awaire that we had seen any thing unusuall untill the Local TV News cast @ 11 PM which advised of many other sightings of same for miles around. I didn't report sighting untill next

WARREN OHIO.

[redacted]

U. S. O.'s
Wright-Patterson Air Base
Dayton, Ohio

Dear Sir,

On March 6, 1966 at 7:55 P.M. I saw [redacted]

[redacted] I was [redacted]

[redacted] Thank you.

Yours truly,

[redacted]

MAY I HAVE ACKNOWLEDGEMENT OF [redacted] AND REQUEST IF [redacted] CLASSIFIED.

AFR 80-17(C1)

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL NUMBER 21-R359

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. *(IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)*

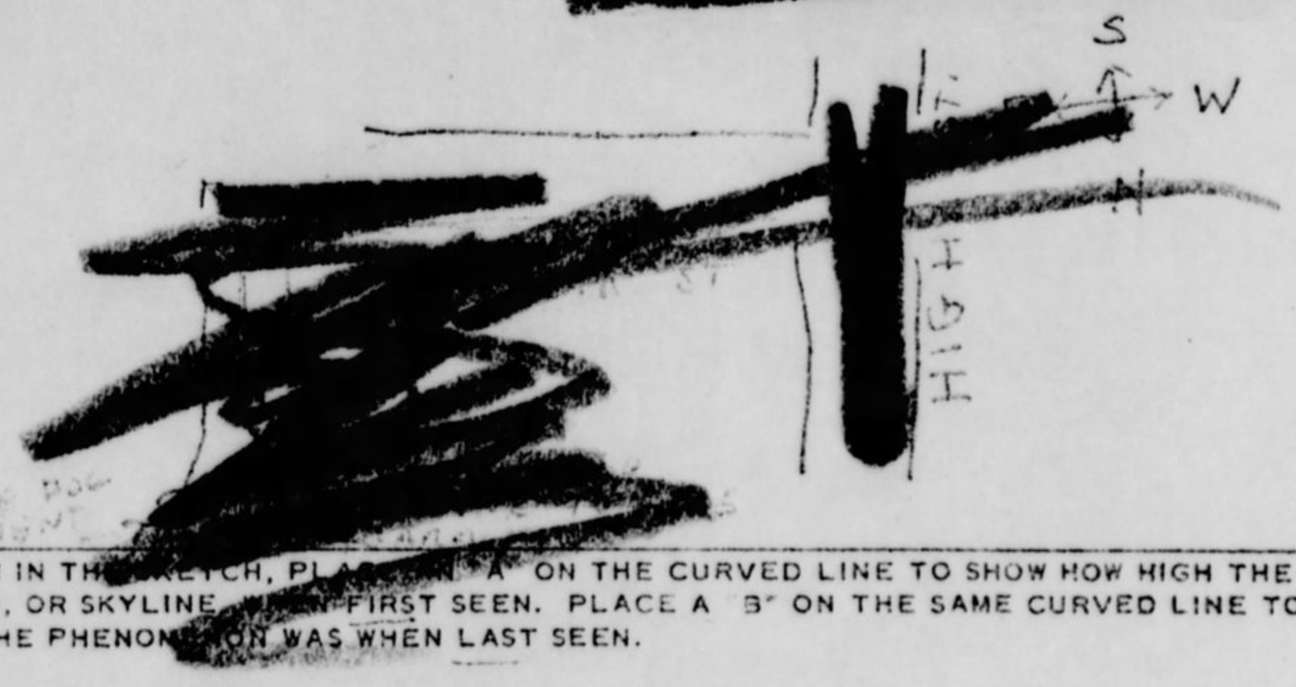
1. WHEN DID YOU SEE THE PHENOMENON? DAY 3 MARCH MONTH _____ YEAR 1965

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON? HOUR 9 MINUTES 57 ☐ A.M. ☒ P.M.

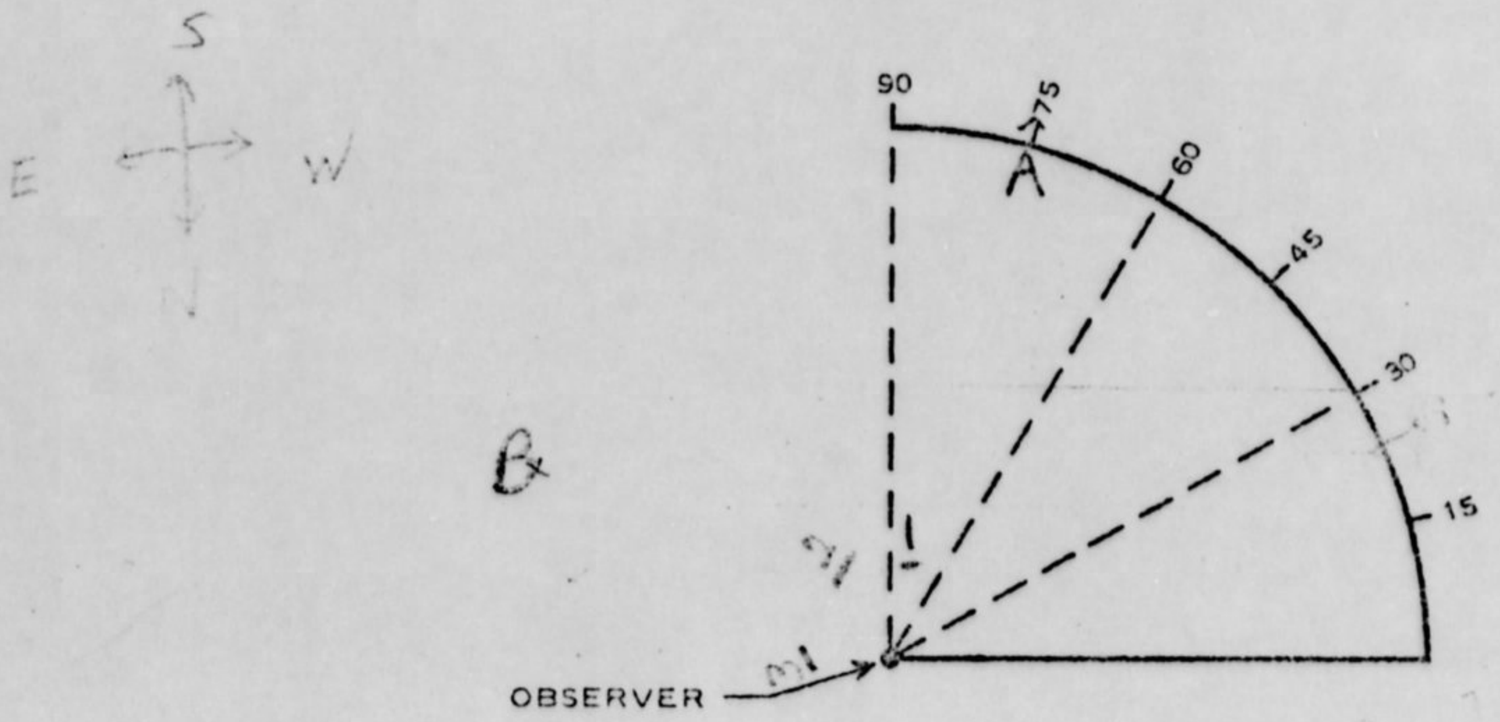
3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON? HOUR 9 MINUTES 54 ☐ A.M. ☒ P.M.

4. TIME/ZONE ☐ DAYLIGHT SAVINGS ☐ STANDARD
☒ EASTERN ☐ CENTRAL ☐ MOUNTAIN ☐ PACIFIC ☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.
[redacted] WORTHINGTON, OHIO [redacted]

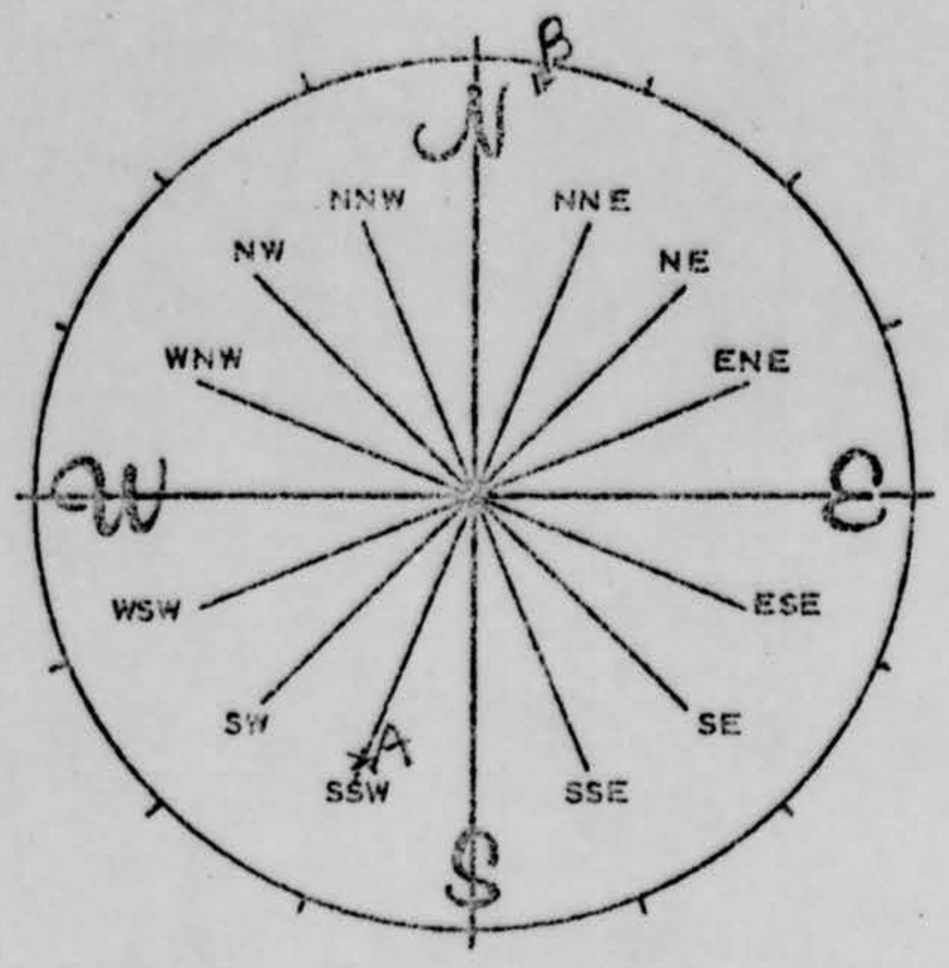


6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.

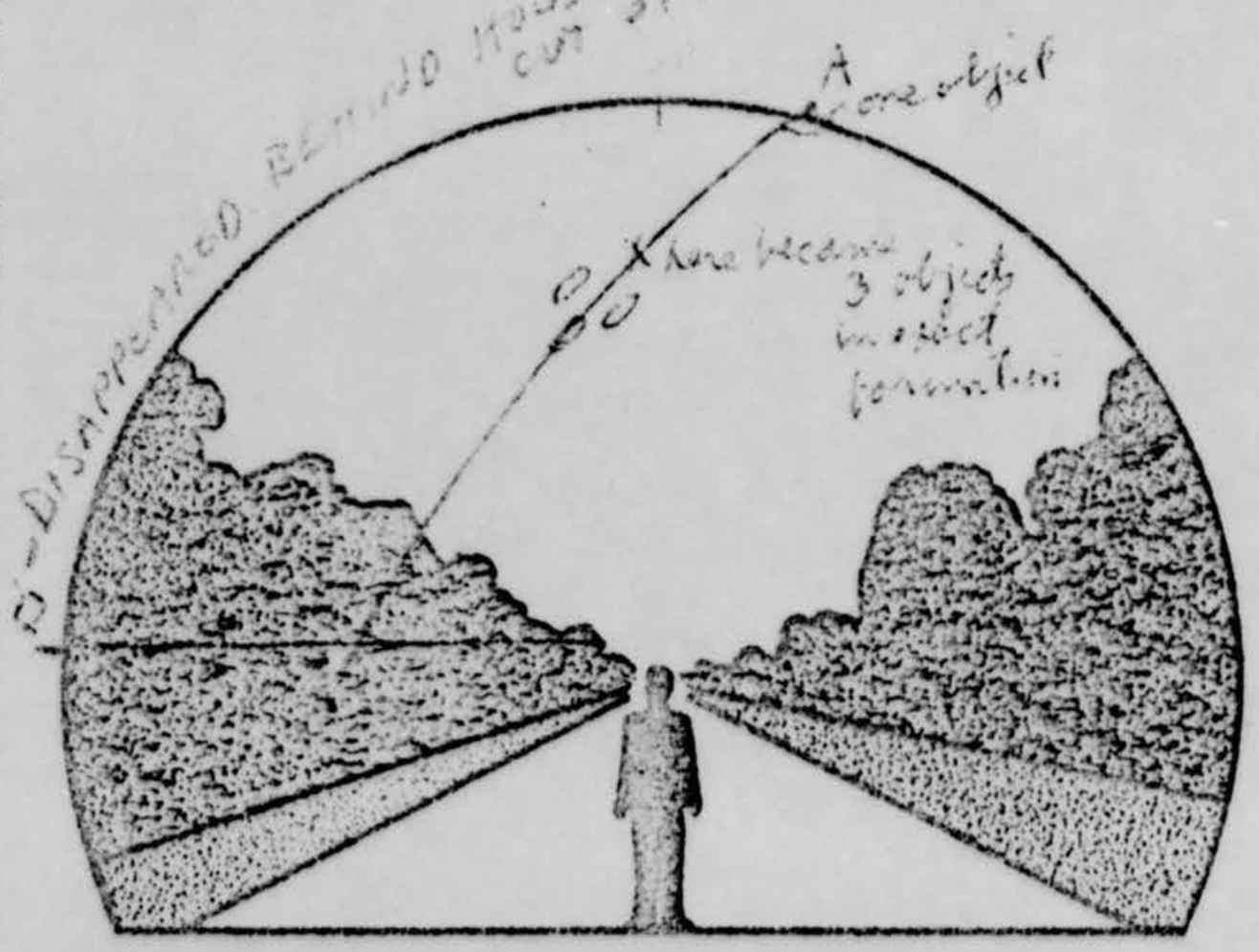


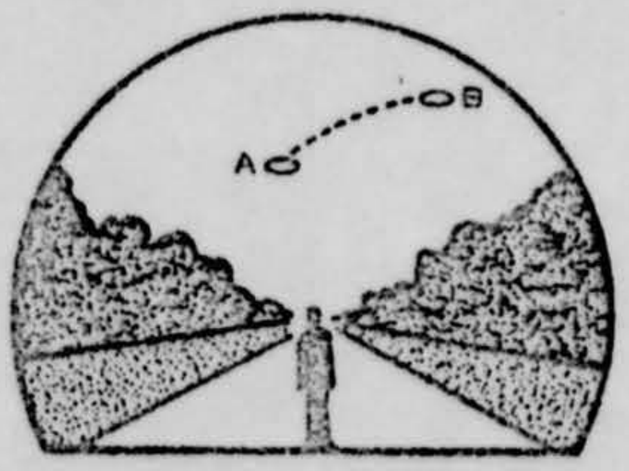
AF FORM AUG 67 117

6A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

[redacted]

11. CONDITIONS *(Check appropriate blocks.)*

A. SKY		B. WEATHER			
	DAY		CUMULUS CLOUDS *(Low fluffy)*		FOG OR MIST
	TWILIGHT		CIRRUS CLOUDS *(High fleecy or Herring-bone)*		HEAVY RAIN
X	NIGHT				LIGHT RAIN OR DRIZZLE
X	CLEAR Tho		NIMBUS CLOUDS *(Rain)*		HAIL
	PARTLY CLOUDY		CUMULONIMBUS CLOUDS *(Thunderstorms)*		SNOW OR SLEET
	COMPLETELY OVERCAST				UNKNOWN
			HAZE OR SMOG	X	NONE OF THE ABOVE EXTREMELY CLEAR

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON? WHEN LOOKED AT STARS WERE FAIRLY GLEAM.

(1) STARS		(2) MOON			
	NONE	X	BRIGHT MOONLIGHT New Moon		NO MOONLIGHT
	A FEW		MOON WITH HALO		UNKNOWN
X	MANY		MOON HIDDEN BY CLOUDS		
	UNKNOWN		PARTIAL *(New or quarter)*		

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON? NOT APPLICABLE

	IN FRONT OF YOU		TO YOUR RIGHT		OVERHEAD *(Near noon)*
	IN BACK OF YOU		TO YOUR LEFT		UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

None except for light in house across street in U.K. with drapes pulled.

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

NOT REFLECTED LIGHT. SELF LUMINOUS. COLOR WHITE. OF ORANGE WHITE YELLOW RED

SOLID, SHARP EDGES

EXACT SIZE

STARS & PLANETS WHITE " BLUE LT. RED (ORANGE) D.T.

OBJECT & TAIL ALL SAME COLOR NOT A BRIGHT HUE BUT RATHER A VIVID COLOR TAIL OR TRAIL WAS A MINUTE SHADE LIGHTER

EXTREMELY SHARP IMAGE