

PROJECT 10073 RECORD

1. DATE - TIME GROUP 5 August 1965 06/0330Z	2. LOCATION Greensburg, Pennsylvania (1) Witness
3. SOURCE Civilian	10. CONCLUSION A/C
4. NUMBER OF OBJECTS One	No data presented to indicate that an A/C could not have caused the sighting.
5. LENGTH OF OBSERVATION Not Reported	11. BRIEF SUMMARY AND ANALYSIS See Case of 12 August by same witness for details.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE Westerly	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

January 12, 1966

To: Major Hector Quintanilla USAF
Chief, Aerial Phenomena Branch
Wright-Patterson Air Force Base
Dayton, Ohio 45433

This is to report a call I made to Mr. [REDACTED] of Greensburg, Pennsylvania, relative to his sightings of August 11th and August 13th, and that of his wife, of August 5th, 1965.

Mr. [REDACTED] now runs his own business called [REDACTED] Inc. which is not only a business of maintenance and programing, but they are devising means of furnishing real time computer services to business organizations, etc. Until he began his own company he was a nuclear physicist with [REDACTED] in Pittsburgh, working on nuclear rocket propulsion.

I had a long talk with him. He is not only articulate and obviously scientifically oriented, but he is also a member of the Pittsburgh NICAP group. He apparently gets into some hot arguments with the loose thinkers in the group, however, to hear his story. At any rate, his interest in UFO's stems largely from the idea of linking a number of them up with ball lightning. He told me of a case, reported to NICAP, of one of the Pittsburgh people having been buzzed by a bright ball of light that rode directly over his car and then landed in a nearby field. NICAP has this report, and we do not.

Coming to his particular sightings: In all three cases these were of a bright light, apparently very much brighter than Echo, when first seen, and then fading out as they approached the horizon. Their resemblance to satellites, as far as motion was concerned, was good except that in all three cases the motion was from east to west. There seems to be no mistake about this, since he lists altitude and azimuths.

The sighting of August 13th, 12:17 A.M. Eastern Daylight Saving Time, thus August 13th 4:17 U.T., is the best reported, and I will give that and then mention the other two sightings ^{How} different from that.

Mr. [redacted] had been out most of the night watching for the second appearance of the object he sighted the night before. On the hypothesis that it was a retrograde satellite he kept a vigil all that evening outside his house and had gone in for just a few minutes before 12:17 A.M. and says he kicked himself for doing that since. When he got outside, there was his bright object directly overhead, apparently having come from the east. It was almost exactly in the zenith and proceeded at a rate of about 2° per second until it was about 30 or 40° from the western horizon, where it faded out. It covered the entire journey in 25 plus or minus 5 seconds (when we retimed it from memory over the telephone, it came out 35 seconds). He stated that the object seemed to move definitely faster than Echo, but by no means as fast as a meteor. He rules out a slow meteor on several counts. He also rules out aircraft because he says they are in the New York-Pittsburgh flight pattern and he is extremely familiar with planes from that standpoint, and from the fact that he was in the Naval Air Force as a radar operator for four years.

It is interesting to note that if the objects on successive nights had been a retrograde satellite, the period would have been 1 hour and 35 minutes, thus giving an average height of 327 miles and an angular speed very much like that observed. There is the outside possibility that he observed a captured natural satellite which would have had a life of just a few days at most. He watched that night until dawn but the object did not reappear. Since the next passage would have been considerably to the west, the object might have been lost in the earth's shadow at about 2:00 A.M.

Mr. [redacted] is obviously intelligent, scientifically trained and quite competent as an observer. Since he is emphatic on the point that he is well acquainted with high-flying jets and that he "always hears them," we are faced with more of a problem than if we could dismiss this as an aircraft.

Concerning the other sightings: The first sighting was made on Thursday, August 5th. The passage was apparently very similar to August 13th except that there was no moon. The time was 11:30 P.M. Eastern Daylight Saving Time. The sighting of August 11th was not so well placed in the sky. It was observed at about only 20° elevation above the southwestern horizon, having come into sight directly in the south and then proceeding in a northwesterly direction. With the slant height implied by the low elevation, this could very well have been an aircraft too far away to be heard. It is harder to apply this interpretation to the objects which were seen directly overhead.

If we adopt 2° per second as the apparent angle of velocity, reference to our tables shows that a craft at 10,000 feet would be doing 250 miles per hour, or at 5 miles, 623 miles per hour. Because of the very great brightness of the light I would favor something close by, a Piper Cub, for instance, 3 to 5,000 feet above him. Of course, he will deny this, but it seems the most logical. A jet would have to be very high not to be heard, and the brilliance of the light argues against this height. There is the possibility of a captured retrograde natural satellite and there is the unidentified category. Because it appeared on several nights, and was in each case a one-witness matter, and the motion is not unlike that of an aircraft, I would tend to disregard the lack of sound and put this down as possible aircraft. Don't tell this to Mr. [redacted] because he will stoutly argue against this.

PROJECT 10073 RECORD

1. DATE - TIME GROUP 13 August 1965 13/0417Z	2. LOCATION Greensburg, Pennsylvania (1)
3. SOURCE Civilian	10. CONCLUSION A/C No data presented to indicate that an a/c could NOT be the cause of the report. Description of flight and all other details in accord with this evaluation.
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION 25 seconds	
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE West	11. BRIEF SUMMARY AND ANALYSIS Three reports of light only in flight to west. Resembled satellite ECHO except about 3X as bright as Venus.
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

FORM
 FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

January 12, 1966

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Chief, Aerial Phenomena Branch
Wright-Patterson Air Force Base
Dayton, Ohio 45433

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Mr. [REDACTED] now runs his own business called [REDACTED], Inc. which is not only a business of maintenance and programing, but they are devising means of furnishing real time computer services to business organizations, etc. Until he began his own company he was a nuclear physicist with Westinghouse in Pittsburgh, working on nuclear rocket propulsion.

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Mr. ~~██████████~~ had been out most of the night watching for the second appearance of the object he sighted the night before. On the hypothesis that it was a retrograde satellite he kept a vigil all that evening outside his house and had gone in for just a few minutes before 12:17 A.M. and says he kicked himself for doing that since. When he got outside, there was his bright object directly overhead, apparently having come from the east. It was almost exactly in the zenith and proceeded at a rate of about 2° per second until it was about 30 or 40° from the western horizon, where it faded out. It covered the entire journey in 25 plus or minus 5 seconds (when we retimed it from memory over the telephone, it came out 35 seconds). He stated that the object seemed to move definitely faster than Echo, but by no means as fast as a meteor. He rules out a slow meteor on several counts. He also rules out aircraft because he says they are in the New York-Pittsburgh flight pattern and he is extremely familiar with planes from that standpoint, and from the fact that he was in the Naval Air Force as a radar operator for four years.

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HEADQUARTERS
FOREIGN TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO



8 SEP 1965

REPLY TO
ATTN OF: TDEW

SUBJECT: UFO Sighting, 11 & 13 Aug 65, Greensburg, Pennsylvania

TO: Hq USAF SAFOICC (Mrs Hunt)
Wash D C 20330

1. Mr. [REDACTED], Nuclear Physicist, has requested an evaluation of his sightings on the night of 11 Aug and the morning of 13 Aug. While the object resembled a satellite in appearance, orbital characteristics to the west are not in accord with present launching practices. The only recorded case of a retrograde satellite occurred in the latter part of 1960 when the Grumman Aircraft Tracking Units attempted to plot an orbit without success. In addition to the directional component, the duration indicated is rather short for the satellites in orbit. In fact, the duration of 25 seconds for a considerable arc distance, approaches slow meteor speeds.
2. Since Mr. [REDACTED] feels that the observation could not have been an aircraft, we are forwarding his report to the Air Force Consultant, Dr J Allen Hynek, Director of Dearborn Observatory, Northwestern University, Evanston, Illinois, for his opinion as to the nature of these observations. Should Dr Hynek desire additional information he will contact Mr Beene upon his return from Europe in October.

FOR THE COMMANDER

ERIC T de JONGHEERE
Colonel, USAF
Deputy for Technology and Subsystems

1 Atch
FTD Form 164
(Mr [REDACTED])



YOU - THE NUCLEUS OF SECURITY!

11-13 Aug

Mrs. Hunt/man/SAFOICC/72842/15 Sep 65

SEP 15 1965

Dear Mr. [REDACTED]

Recently you requested an evaluation of your aerial observation of 11 and 13 August.

While the object resembled a satellite in appearance, orbital characteristics to the west are not in accordance with present launching practices. (The only recorded case of a retrograde satellite occurred in the latter part of 1960 when the Grumman Aircraft Tracking Units attempted to plot an orbit without success.) In addition to the directional component, the duration indicated is rather short for the satellites in orbit. In fact, the duration of 25 seconds for a considerable arc distance approaches slow meteor speeds.

Since you feel that the object could not have been an aircraft, we are forwarding your report to Dr. J. Allen Hynek, civilian consultant to Project Blue Book, for his opinion as to the nature of these observations. Should Dr. Hynek desire additional information, he will contact you.

Sincerely,

COORDINATED By (Office Symbol, Name, Grade, Date)	
SAF-OI <i>cc</i>	SAF-OIC <i>cc</i>
<i>sl</i>	JOHN P. SPAULDING Lt Colonel, USAF Chief, Civil Branch Community Relations Division Office of Information

Greensburg, Pennsylvania 15601

Coord cy - SAFOI-2
Combk cy - SAFOI-2
Reader cy - SAFOI-1
Activity cy - SAFOI-2
Stayback

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE SECRETARY

MEMORANDUM

not
AUG
gaining
harm
at
of
for
not

[REDACTED]
physicist with
Westinghouse.

not
of
not
of

[REDACTED]

Greensburg, Penna
Zip Code
~~15601~~
15601

sightings of
night of Aug 12
Saw ¹⁰ ~~12~~ ¹¹ ~~13~~ Aug 11
Aug 5

Special (Mr.)
Wash D C 20380

1. Mr. James Beane,
of his sightings on
While the object res
characteristics to
practices. The only
in the latter part
attempted to plot a
direction, however
the satellite in a
a considerable
2. Since Mr. Beane
an aircraft, we are
Mr. J. Allen Smith,
University, Swanton
these observations
he will contact Mr.

FOR THE COMMANDER

BRIGadier General
Colonel, USAF
Director, AFSS

13 AUG 13/0572

8 SEP 1965

TDEW

UFO Sighting, 11 & 13 Aug 65, Greensburg, Pennsylvania

Hq USAF SAFOICC (Mrs Bunt)
Wash D C 20330

1. Mr. [redacted], Nuclear Physicist, has requested an evaluation of his sightings on the night of 11 Aug and the morning of 13 Aug. While the object resembled a satellite in appearance, orbital characteristics to the west are not in accord with present launching practices. The only recorded case of a retrograde satellite occurred in the latter part of 1960 when the Grumman Aircraft Tracking Units attempted to plot an orbit without success. In addition to the directional component, the duration indicated is rather short for the satellites in orbit. In fact, the duration of 25 seconds for a considerable arc distance, approaches slow meteor speeds.
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FOR THE COMMANDER

de
ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology and Subsystems

1 Atch
FTD Form 164
(Mr Beene)

ORIGINATOR:
TDEW/UFO

H. Quintanilla, Jr
Maj H Quintanilla, Jr

DATED *7 Sept 65*

OFFICIAL FILE COPY / TDEW 44

de

13/0517Z - GREENSBURG, PA 13 AUG

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?

13 August 1965
Day Month Year

2. Time of day:

00 17
Hour 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?



GREENSBURG
City or Town

PA 15601
State or County

5. How long was object in sight? (Total Duration)

_____ 25
Hours 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 _____

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

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:

3 times AS BRIGHT AS planet VENUS

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 | <input checked="" type="radio"/> No | Don't know |
| b. Suddenly speed up and rush away at any time? | Yes | <input checked="" type="radio"/> No | Don't know |
| c. Break up into parts or explode? | Yes | <input checked="" type="radio"/> No | Don't know |
| d. Give off smoke? | Yes | <input checked="" type="radio"/> No | Don't know |
| e. Change brightness? | <input checked="" type="radio"/> Yes | No | Don't know |
| f. Change shape? | Yes | <input checked="" type="radio"/> No | Don't know |
| g. Flash or flicker? | Yes | <input checked="" type="radio"/> No | Don't know |
| h. Disappear and reappear? | Yes | <input checked="" type="radio"/> No | Don't know |

14. Did the object disappear while you were watching it? If so, how?

As the object moved to the West (heading approx 265°)
LIGHT GRADUALLY became dimmer - it did not disappear over
HORIZON.

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 NONE

b. Color WHITE 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?

ALL of it

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.

NONE

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

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

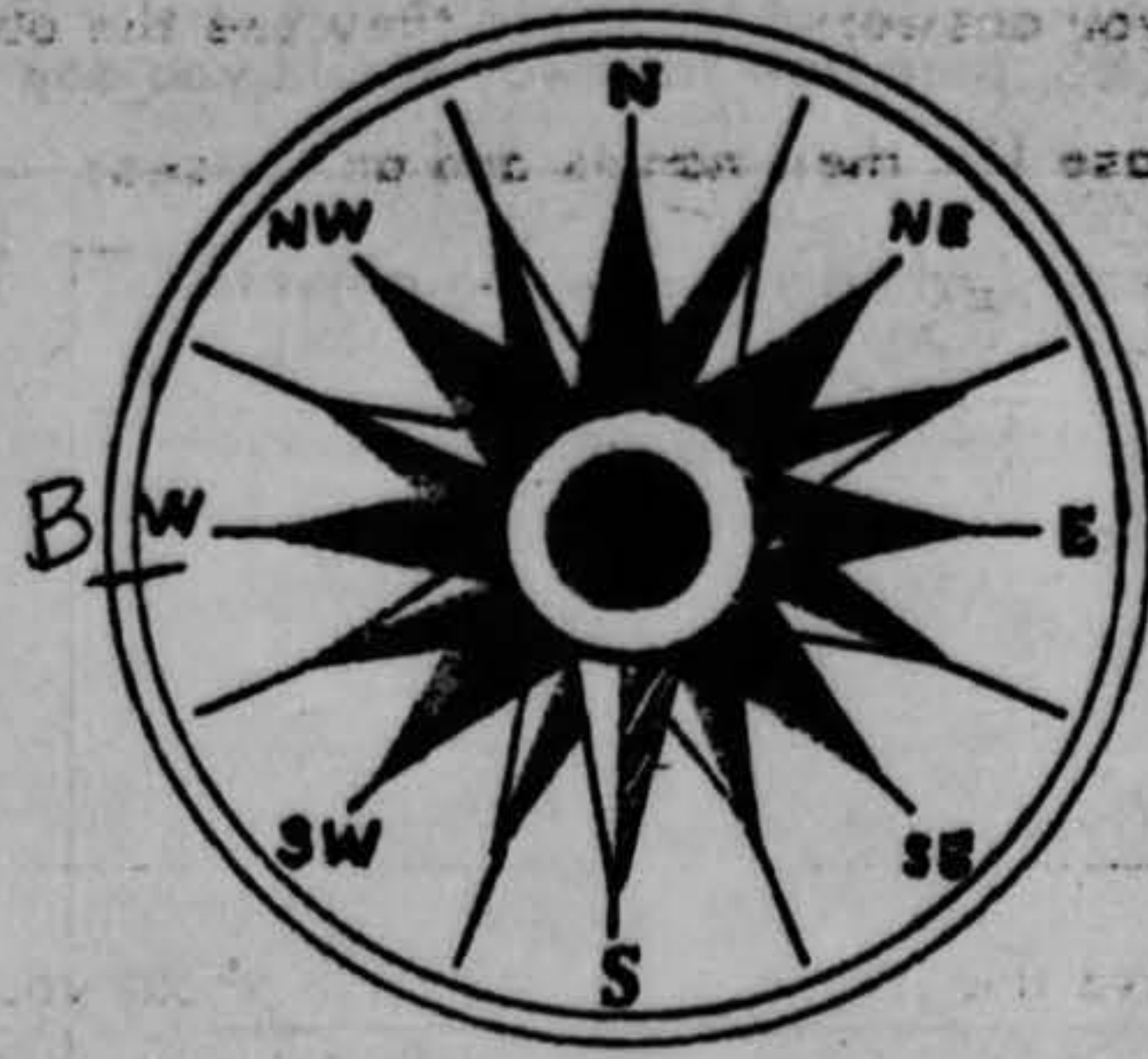
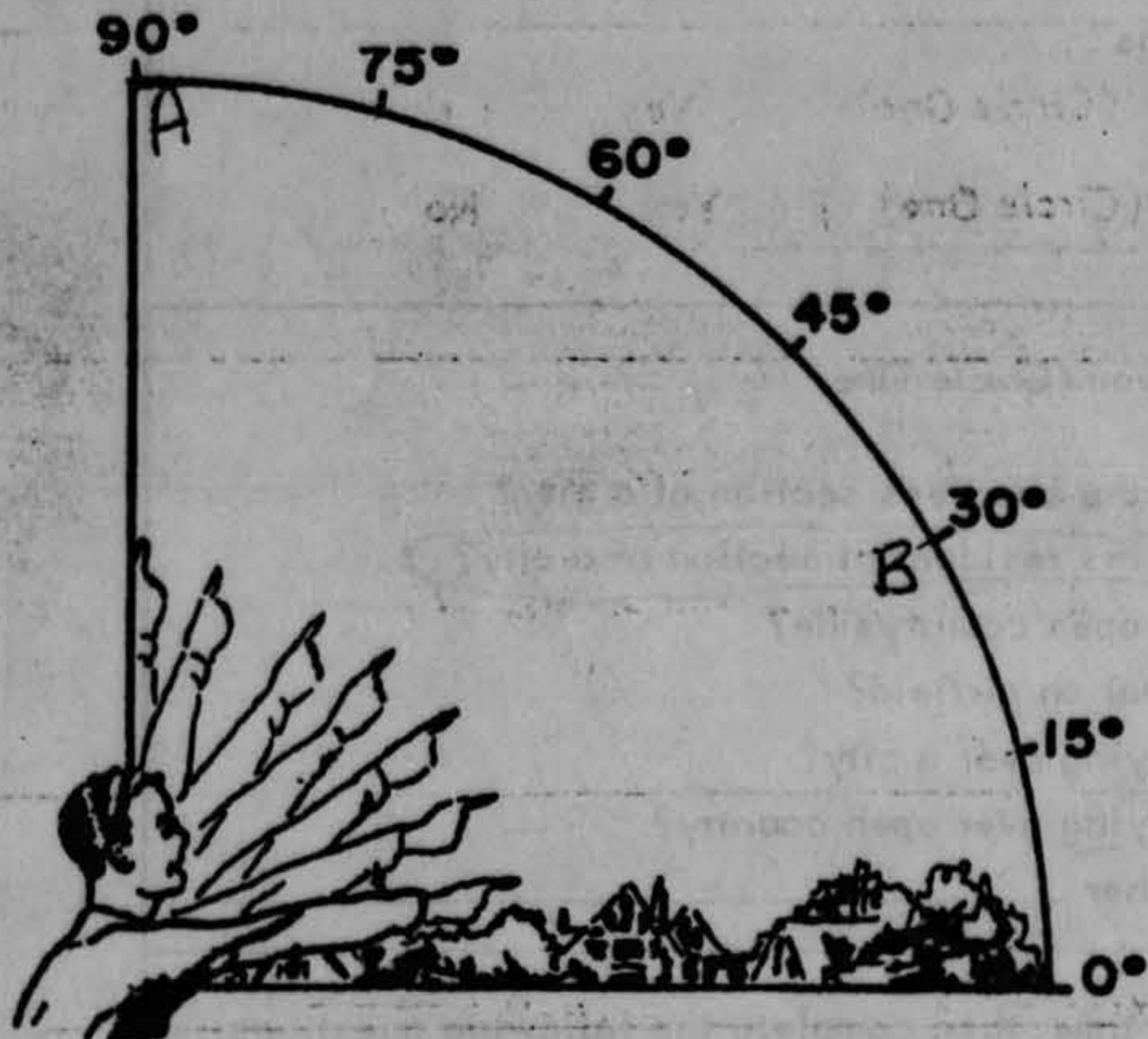
No

h. Other _____

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.

A BRIGHT SATELLITE IN ORBIT

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.

Object showed EXACT characteristics of orbit vehicle

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.

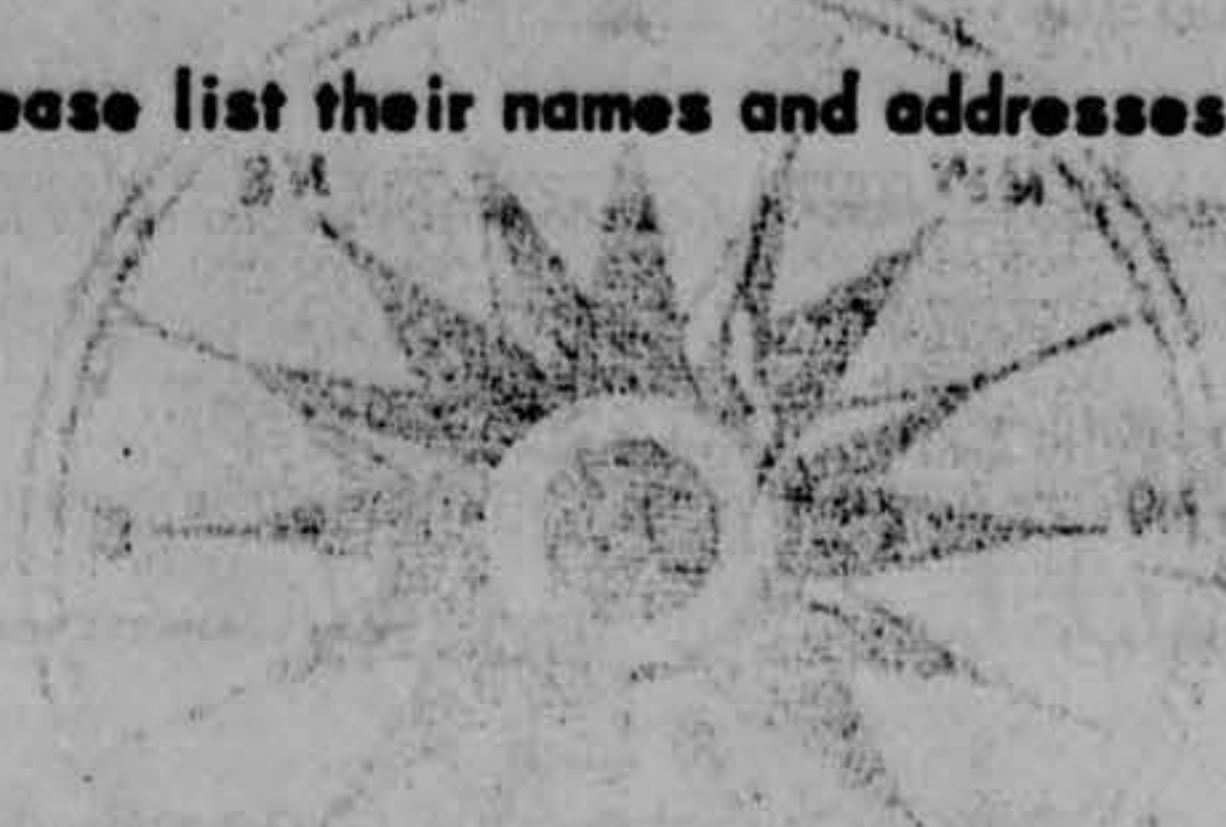
30. Have you ever seen this, or a similar object before. If so give date or dates and location.

SAME LOCATION ON 8-11-65
REFER to ~~the~~ form FTD-164, ART. #35

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:



32. Please give the following information about yourself:

NAME [REDACTED] Middle Name

ADDRESS [REDACTED] City 26 Zone 15601 State PA.

TELEPHONE NUMBER [REDACTED] AREA code [REDACTED] AGE 35 SEX M

Indicate any additional information about yourself, including any special experience, which might be pertinent.

PROFESSION: Nuclear Physicist

SERVICE: 4 year NAVAL AIR FORCE - RADAR OPERATOR

Past member: American Rocket Society

Academic interest in UFO's SINCE 1950 and satellite interest SINCE 1957

33. When and to whom did you report that you had seen the object?

13 August 1965
Day Month Year

Col. James NORAD ENT AFB
Mr. Ken SENSTAD Goddard SFC Wash
Lt. Col. MM JACKS SAFO I

34. Date you completed this questionnaire:

18 August 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.

Wednesday August 11
19651 photo - negative results
film to slow① light appeared at 200° (SW) at 20° above horizon. Direction ESE to WNW.

② No erratic movement - very smooth

③ Time of sighting approx. 10:42 ^{P.M.} EDT

④ Weather clear w/ light haze - bright moonlight

⑤ Magnitude of light - approximately same as Venus at 20° elevation

⑥ Comment - apparent sunlight reflected from object; had all characteristics of satellite in orbit; light intensity faded to non-visible above horizon

⑦ Note: quite definitely an East to West path. Balloon or aircraft must be ruled out.

Thursday Nite

Actually Friday Morning
August 13 1965① light appeared exactly overhead moving almost due West $260^\circ - 265^\circ$

② No erratic movement - very smooth

③ Time of sighting approx. 12:17 AM EDT

④ Weather clear w/ light haze - full moon, bright

⑤ Magnitude of 3 times Venus at 20° elevation

⑥ Comment - apparent moonlight reflected from object; had all characteristics of satellite in orbit; light intensity faded to non-visible above horizon.

I had just walked out of the house into the open at time of sighting - it was most clearly visible as it approached from the East.

⑦ Same as above

Thursday August 5 1965: Mrs. [REDACTED] (wife) observed sighting as previously described for August 13 1965 except: no moon; object obscured directly overhead by clouds; time 11:30 PM EDT; object approached directly from East about 85°.

Any other information by Mrs. [REDACTED] not necessarily reliable as per a trained observer.

Note: I should like to request return information on nature of this sighting. Please feel free to contact me for any further additional information if not presented here - I cannot feel I've left out any details though

[REDACTED]

⑦ Same as above

Thursday August 5 1965: Mrs. [REDACTED] (wife) observed sighting as previously described for August 13 1965 except: no moon; object obscured directly overhead by clouds; time 11:30 PM EDT; object approached directly from East about 85°.

Any other information by Mrs. [REDACTED] not necessarily reliable as per a trained observer.

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[REDACTED]

January 12, 1966

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Chief, Aerial Phenomena Branch
Wright-Patterson Air Force Base
Dayton, Ohio 45433

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Mr. ██████████ now runs his own business called General Computer Services, Inc. which is not only a business of maintenance and programing, but they are devising means of furnishing real time computer services to business organizations, etc. Until he began his own company he was a nuclear physicist with Westinghouse in Pittsburgh, working on nuclear rocket propulsion.

I had a long talk with him. He is not only articulate and obviously scientifically oriented, but he is also a member of the Pittsburgh NICAP group. He apparently gets into some hot arguments with the loose thinkers in the group, however, to hear his story. At any rate, his interest in UFO's stems largely from the idea of linking a number of them up with ball lightning. He told me of a case, reported to NICAP, of one of the Pittsburgh people having been buzzed by a bright ball of light that rode directly over his car and then landed in a nearby field. NICAP has this report, and we do not.

Coming to his particular sightings: In all three cases these were of a bright light, apparently very much brighter than Echo, when first seen, and then fading out as they approached the horizon. Their resemblance to satellites, as far as motion was concerned, was good except that in all three cases the motion was from east to west. There seems to be no mistake about this, since he lists altitude and azimuths.

The sighting of August 13th, 12:17 A.M. Eastern Daylight Saving Time, thus August 13th 4:17 U.T., is the best reported, and I will give that and then how mention the other two sightings differ from that.

Mr. ████████ had been out most of the night watching for the second appearance of the object he sighted the night before. On the hypothesis that it was a retrograde satellite he kept a vigil all that evening outside his house and had gone in for just a few minutes before 12:17 A.M. and says he kicked himself for doing that since. When he got outside, there was his bright object directly overhead, apparently having come from the east. It was almost exactly in the zenith and proceeded at a rate of about 2° per second until it was about 30 or 40° from the western horizon, where it faded out. It covered the entire journey in 25 plus or minus 5 seconds (when we retimed it from memory over the telephone, it came out 35 seconds). He stated that the object seemed to move definitely faster than Echo, but by no means as fast as a meteor. He rules out a slow meteor on several counts. He also rules out aircraft because he says they are in the New York-Pittsburgh flight pattern and he is extremely familiar with planes from that standpoint, and from the fact that he was in the Naval Air Force as a radar operator for four years.

It is interesting to note that if the objects on successive nights had been a retrograde satellite, the period would have been 1 hour and 35 minutes, thus giving an average height of 327 miles and an angular speed very much like that observed. There is the outside possibility that he observed a captured natural satellite which would have had a life of just a few days at most. He watched that night until dawn but the object did not reappear. Since the next passage would have been considerably to the west, the object might have been lost in the earth's shadow at about 2:00 A.M.

Mr. [REDACTED] is obviously intelligent, scientifically trained and quite competent as an observer. Since he is emphatic on the point that he is well acquainted with high-flying jets and that he "always hears them," we are faced with more of a problem than if we could dismiss this as an aircraft.

Concerning the other sightings: The first sighting was made on Thursday, August 5th. The passage was apparently very similar to August 13th except that there was no moon. The time was 11:30 P.M. Eastern Daylight Saving Time. The sighting of August 11th was not so well placed in the sky. It was observed at about only 20° elevation above the southwestern horizon, having come into sight directly in the south and then proceeding in a northwesterly direction. With the slant height implied by the low elevation, this could very well have been an aircraft too far away to be heard. It is harder to apply this interpretation to the objects which were seen directly overhead.

If we adopt 2° per second as the apparent angle of velocity, reference to our tables shows that a craft at 10,000 feet would be doing 250 miles per hour, or at 5 miles, 628 miles per hour. Because of the very great brightness of the light I would favor something close by, a Piper Cub, for instance, 3 to 5,000 feet above him. Of course, he will deny this, but it seems the most logical. A jet would have to be very high not to be heard, and the brilliance of the light argues against this height. There is the possibility of a captured retrograde natural satellite and there is the unidentified category. Because it appeared on several nights, and was in each case a one-witness matter, and the motion is not unlike that of an aircraft, I would tend to disregard the lack of sound and put this down as possible aircraft. Don't tell this to Mr. [REDACTED] because he will stoutly argue against this.

PROJECT 10073 RECORD

1. DATE - TIME GROUP	2. LOCATION
11 August 1965 12/02A2Z	Greensburg, Pennsylvania (1)
3. SOURCE	10. CONCLUSION
Civilian	A/C
4. NUMBER OF OBJECTS	No data presented to indicate that an a/c could NOT have been cause of the report.
One	
5. LENGTH OF OBSERVATION	11. BRIEF SUMMARY AND ANALYSIS
Not reported	Saw light at 20 deg elevation in flight from ESE to WNW. Smooth flight, not erratic. WX clear with light haze. Bright moonlight. Same appearance as a satellite.
6. TYPE OF OBSERVATION	Direction rules out satellite. Duration missing. All other elements in accord with a/c sighting. Witness made three reports in August 1965 (5, 11, 13).
Ground-Visual	See 13 August for complete file.
7. COURSE	
Westerly	
8. PHOTOS	
<input checked="" type="checkbox"/> Yes No image <input type="checkbox"/> No	
9. PHYSICAL EVIDENCE	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

34. Date you completed this questionnaire:

18 August 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.

Wednesday August 11
1965photo - negative results
film to slow① light appeared at 200° (SW) at 20° above horizon. Direction ESE to WNW.

② No erratic movement - very smooth

③ Time of sighting approx. 10:42 ^{PM.} EDT

④ Weather clear w/ light haze - bright moonlight

⑤ Magnitude of light - approximately same as Venus at 20° elevation

⑥ Comment - apparent sunlight reflected from object; had all characteristics of satellite in orbit; light intensity faded to non-visible above horizon

⑦ Note: quite definitely an East to West path. Balloon or aircraft must be ruled out.

Thursday Note

Actually Friday Morning
August 13 1965① light appeared exactly overhead moving almost due West 260° - 265°

② No erratic movement - very smooth

③ Time of sighting approx. 12:17 AM EDT

④ Weather clear w/ light haze - full moon, bright

⑤ Magnitude of 3 times Venus at 20° elevation

⑥ Comment - apparent moonlight reflected from object; had all characteristics of satellite in orbit; light intensity faded to non-visible above horizon.

I had just walked out of the house into the open at time of sighting - it was most likely visible as it approached from the East.