

PROJECT 10073 RECORD CARD

1. DATE 11 Apr 61		2. LOCATION Cape Canaveral, Florida		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon	
3. DATE-TIME GROUP Local 0957 GMT 11/1457Z Apr 61		4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		☐ Was Aircraft ☒ Probably Aircraft ☐ Possibly Aircraft	
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Military		☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical	
7. LENGTH OF OBSERVATION 30 min		8. NUMBER OF OBJECTS one		9. COURSE varied.	
10. BRIEF SUMMARY OF SIGHTING Object picked up on radar. No visual contact. Estimated speeds of from 150 to 600 knots. Object orbited 6 or 7 times along an azimuth of 126 degrees and between 10 and 55 miles from the cape.		11. COMMENTS Subsequent tests by base in question revealed that the radar return signals were from the SIF equipment aboard a U-2 type aircraft.			

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION [REDACTED]

FROM

ATIC WPAFB OHIO

once each three sweeps over an interval of 36 seconds and received no target on the height finder. ATIC is currently collecting data on this incident and will follow with a report of our findings.

SYMBOL

AFCIN-4E2

PAGE
NR 2NR OF
PAGES
2

SECURITY CLASSIFICATION [REDACTED]

INITIALS
RJFDD FORM 173-1
1 MAY 55

U. S. GOVERNMENT PRINTING OFFICE: 1958 - 469084

101 22 11 52

RA167

CZCSQF973ZCVYC920

RR RJEDSQ

DE RJESNO 58

ZNR

R 142000Z

FM AFMTC PATRICK AFB FLA

TO ATIC WRIGHT PATTERSON AFB OHIO

BT

UNCLAS MTW -14-4-3.

REFERENCE CONFIDENTIAL MTW-11-4-2 UFO . ADDITIONAL INFORMATION.
C-54 RANGE WURVEILLANCE AIRCRAFT EQUIPPED WITH APS -42 RADAR AND
APN-59. APN-59 NEGATIVE OPERATION. APS -42 RADAR WAS OPERATING
PERFORMANCE NOT CONSIDERED OPTIMUM, PICKING UP SURFACE SHIPS
ADEQUATELY. NEGATIVE INDICATION ON APS-42 RADAR OF UFO OR ANY
OTHER AIRCRAFT. REPEAT APS-42 NEGATIVE OF UFO.

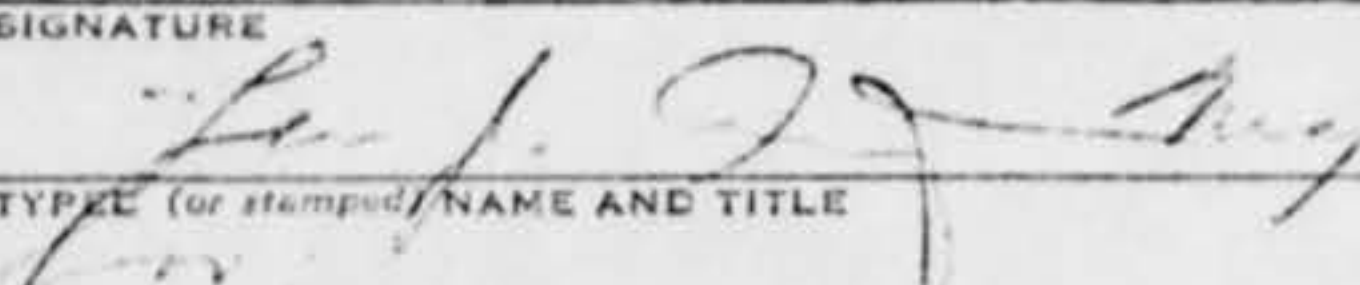
BT

14/2008Z APR RJESNO

4E2
17-98
3-4-21

1964 APR 17 12 49

AFMTC PATRICK AFB FLA

JOINT MESSAGEFORM				SECURITY CLASSIFICATION	
SPACE BELOW RESERVED FOR COMMUNICATION CENTER					
21 APR 61 21 01Z				ENCODED Initials <u>DF</u> Time <u>21 01Z</u> Checked By <u>SE</u>	
PRECEDENCE		TYPE MSG (Check)		ACCOUNTING SYMBOL	
ACTION PRIORITY		BOOK ☐ MULTI ☐ SINGLE ☐		ORIG. OR REFERS TO	
INFO				CLASSIFICATION OF REFERENCE	
FROM: ATIC WPAFB OHIO TO: COFS USAF WASH DC AFSC ANDREWS AFB MD AFCIN-4E2 C-776 PART 1. FOR AFCIN MAJ GEN WALSH AND FOR RDY MAJ GEN WATSON AT 1457 11 APR 61 AN UNIDENTIFIED FLYING OBJECT WAS SIGHTED ON RADAR IN THE VICINITY OF CAPE CANAVERAL PRIOR TO THE LAUNCHING OF TEST NUMBER 1352, A POLARIS MISSILE, SCHEDULED T TIME 1430Z. THREE EXPERIENCED OBSERVERS WATCHED THE TARGET ON AN FPS-8 RADAR FOR 30 MINUTES AND ESTIMATED ITS SPEED AS RANGING BETWEEN 150 AND 600 KNOTS. THESE OBSERVERS REPORTED THAT THE OBJECT ORBITED 6 OR 7 TIMES ALONG AN AZIMUTH OF 126 DEGREES FROM CAPE CANAVERAL AND BETWEEN 10 AND 55 MILES FROM THE CAPE. THE RANGE OBSERVERS' ESTIMATES OF THE HEIGHT OF THE UFO DID NOT AGREE, REPORTING EITHER THAT THE OBJECT WAS VERY LOW OR VERY HIGH. A RANGE SURVEILLANCE C-54 WAS VECTORED TO WITHIN 2½ MILES OF THE OBJECT BUT REPORTS FROM THE CREW WERE NEGATIVE. THE RANGE C-54 IS EQUIPPED WITH AN APS-42 AND AN APS-59 RADARS BUT UTILIZED ONLY THE APS-42 DURING THIS ATTEMPTED INTERCEPT.				SPECIAL INSTRUCTIONS Duck TDR	
				DATE <u>21</u> TIME <u>1550</u> MONTH <u>April</u> YEAR <u>61</u>	
SYMBOL AFCIN-4E2 TYPED NAME AND TITLE (Signature, if required) Major Robert Friend PHONE <u>69216</u> PAGE NR. <u>1</u> NR. OF PAGES <u>3</u> SECURITY CLASSIFICATION		SIGNATURE  TYPE (or stamped) NAME AND TITLE Major Robert Friend Major Robert Friend & Components			

DD FORM 1 MAY 52 173

REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

JOINT MESSAGEFORM-CONTINUATION SHEET

SECURITY CLASSIFICATION

ATTN: WPAFB OHIO

CAPT WALTER FLINT, WHO WAS IN CHARGE OF THE TEST, NOTIFIED THE LOCAL GCI SITE OF THE PRESENCE OF THE UFO, HOWEVER, NO INTERCEPT ACTION WAS ACCOMPLISHED BECAUSE ¹¹ ~~OF~~ THE GCI FPS-20 RADAR PICKED UP THE UFO ONLY ONCE EACH THREE SWEEPS OVER AN INTERVAL OF 36 SECONDS AND RECEIVED NO TARGET ON THE HEIGHT FINDER.

PART II. ANALYSIS OF THE AVAILABLE DATA LEADS TO THE CONCLUSION THAT THE TARGET WAS REAL. THERE IS NO EVIDENCE IN THE REPORT TO SUGGEST RADAR MALFUNCTION, OR ^{FALSE} ~~FALSE~~ ECHOS. BECAUSE THE TRACKS WERE APPARENTLY WELL DEFINED AND HAD A DEFINITE PATTERN. IT IS BELIEVED THAT THIS WAS A RELATIVELY SMALL TARGET DUE TO THE FACT THAT IT CONSISTENTLY FADED AT 44 MILES OUTBOUND IN ITS ORBIT AND REAPPEARED AT APPROXIMATELY 44 MILES INBOUND. THERE IS NO LOGICAL REASON FOR THE INABILITY OF THE POWERFUL FPS-20 TO TRACK THE TARGET, UNLESS THIS EQUIPMENT WAS NOT FUNCTIONING PROPERLY AT THIS TIME OR THE TARGET WAS IN A DEAD AREA FOR THE STATION.

PART III. SINCE NO HEIGHT FINDER DATA WAS OBTAINED CERTAIN DEDUCTIONS MUST BE MADE RELATIVE TO THE TARGET HEIGHT. THE MINIMUM REPORTED RANGE OF THE TARGET WAS 10 MILES. SINCE THIS IS SLANT RANGE AND FURTHER SINCE THE MAXIMUM VERTICAL ANGLE COVERAGE OF THE FPS-8 IS 25-30° THE MAXIMUM TARGET HEIGHT WOULD BE APPROXIMATELY 30,000 FEET WHICH OBVIOUSLY RULES OUT THE POSSIBILITY OF THE UFO BEING AN EXTREMELY HIGH FLYING TARGET. THE PERIODIC HIGH SPEEDS, AS HIGH AS 600 KNOTS, REPORTED FOR THE TARGET, COUPLED WITH THE FACT THAT THE MTI OF THE FPS-8 WAS NOT OPERATING, FURTHER TENDS TO RULE OUT THE POSSIBILITY OF THE UFO BEING A VERY LOW FLYING

AFCIN-422

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SECURITY CLASSIFICATION

INITIALS

DD FORM 173-1

U. S. GOVERNMENT PRINTING OFFICE: 1965-4-70896

JOINT MESSAGEFORM-CON SITUATION SHEET

SECURITY CLASSIFICATION

FROM:

ATIC WPAFB OHIO

TARGET. CONSEQUENTLY, THERE IS NO LOGICAL EXPLANATION FOR WHY THE FPS-20 HEIGHT FINDER WAS UNABLE TO PAINT THE TARGET.

PART IV. CONTACT WITH LT/CDL JAMES O. PAYNE, AFMTC, REVEALED THAT NO NAVY OPERATION COULD HAVE BEEN RESPONSIBLE FOR THE SIGHTING AND THAT THERE HAVE BEEN NO SIMILAR INCIDENTS DURING SUBSEQUENT TESTS.

PART V. IT IS CONCLUDED BY ATIC THAT THE OBJECT SIGHTED ON RADAR AT CAPE CANAVERAL ON 11 APR 61 AT 1457Z WAS PROBABLY A REAL TARGET, FLYING AT AN ALTITUDE OF NO MORE THAN 35,000 FEET. NO DEFINITE EXPLANATION OF WHY THIS TARGET DID NOT APPEAR ON THE FPS-20 CAN BE REACHED, BUT INSPECTION OF THE SITE AND THE RADAR MAINTENANCE RECORD WOULD REVEAL IF THIS WAS DUE TO A DEAD AREA OR FAULTY EQUIPMENT. THIS ORGANIZATION CONTINUING EFFORTS TO RESOLVE THE CASE TJC

~~TOP SECRET~~
Copy 1 of 2 copies

SYMBOL	PAGE NR	PAGE OF PAGES	SECURITY CLASSIFICATION	INITIALS
AFCIN-4E2	3	3	TOP SECRET	

DD FORM 1 MAY 55 173-1

U. S. GOVERNMENT PRINTING OFFICE: 1955-40505

T61-12947

RECEIVED
FEB 10 1964
U.S. AIR FORCE
HONOLULU, HAWAII

[REDACTED]

[REDACTED]

SQA

UNCLASSIFIED

2 MAY 61 17 34z

17 23 44x2A 4E (UFO)

Director TDO
AFR 2054, Pm 2472
2 Jan 68

3 MAY 61 17 30z
PRIORITY

174E
3
44X2A

THE UNITED STATES OF AMERICA
DO hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the Department of the Interior.
GIVEN UNDER MY HAND AND THE SEAL OF THE DEPARTMENT OF THE INTERIOR, this 1st day of January, 1900.
J. M. WILSON, Secretary of the Interior.
The within and foregoing is a true and correct copy of the original as the same appears in the records of the Department of the Interior.
GIVEN UNDER MY HAND AND THE SEAL OF THE DEPARTMENT OF THE INTERIOR, this 1st day of January, 1900.
J. M. WILSON, Secretary of the Interior.

[REDACTED]

RECEIVED
DECEMBER 29 1899
DEPARTMENT OF THE INTERIOR
BUREAU OF LANDS
WASHINGTON, D. C.

[REDACTED]

JOINT MESSAGEFORM

SECURITY CLASSIFICATION

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

5 MAY 61 16 20z

ENCODED

Initials SZ
Time 05/1700Z
Checked By SZ

17c

PRIORITY	TYPE MSG (C/M/R)	ACCOUNTING SYMBOL	CRIM. OR REFERS TO	CLASSIFICATION OF REFERENCE
PRIORITY	BOOK MULTI SINGLE	AF	X	
FROM: ATIC WPAFB O				SPECIAL INSTRUCTIONS
TO: ADC ENT AFB COLO <u>RJW 74h</u>				
<u>AFCIN-4E</u> <u>C-882</u> <u>FOR GENERAL LEB.</u> <u>AFR 2057, Para 247a</u> <u>2 Jan 68</u>				
THIS MESSAGE IN TWO PARTS. PART I. RECENTLY THERE HAVE BEEN SEVERAL RADAR SIGHTINGS OF UNIDENTIFIED FLYING OBJECTS AT CAPE CANAVERAL DURING THE PREPARATION AND LAUNCHING OF TEST MISSILES. ON <u>14</u> APRIL 1961, AT APPROXIMATELY 2200Z, 60 SECONDS BEFORE THE SCHEDULED LAUNCHING OF POLARIS MISSILE TEST # 1352, A FLYING OBJECT WAS OBSERVED ON BOTH THE FPS-8 RADAR AT CAPE CANAVERAL AND THE FPS-20 RADAR AT THE PATRICK AC&W SITE. INTERCEPTION WAS ATTEMPTED BY AN ADC F-102 AND THE INTERCEPTOR LOCKED ON TO THE UNKNOWN TARGET FOR TWO MINUTES. THE UNKNOWN TOOK EVASIVE ACTION AND DISAPPEARED PREVENTING FULL ACCOMPLISHMENT OF THE INTERCEPT. PART II. THE POSSIBILITY OF THE NAVY CONDUCTING OPERATION IN THE AREA, EVEN" POSSIBLY UNCOORDINATED ASSOCIATION WITH THE TEST, IS WORTH CONSIDERING. REQUEST INFORMATION BE FORWARDED TO ATIC AS TO THE EXTENT OF COORDINATION EXISTING BETWEEN NAVY AND AIR FORCE, BEYOND NORMAL				
AFCIN-4E		SIGNATURE		
TYPED <u>Robert J. Friend</u> (Signature if required)		TYPE (of message) NAME AND TITLE		
PHONE 69216		PHILIP G. EVANS		
SECURITY CLASSIFICATION		Colonel, USAF		
		Deputy for Science and Components		

DD FORM 173

DECLASSIFIED: DOD DIR 5200.10

UFO was observed on radar, Cape Canaveral, 1457Z, 11 April 61. It was observed for at least 30 minutes. Object appeared to orbit in an orbit which extended from 10 miles from the Cape to a position approximately 55 miles from Cape Canaveral and the orbit was at all times on an azimuth of 125° to 127° SE of Cape Canaveral. According to radar reports the object disappeared when it got 44 miles away from Cape Canaveral appearing on radar and disappearing at the farthest end 6 or 7 miles. Made 6 or 7 long orbits. The object finally disappeared approximately 1530Z in the direction about 125° away from Cape Canaveral.

Radar Operator on an APS-8 radar. He could paint the object very well. The paint size of the object was approximately the same size of a C54 aircraft with no transponder operating. This radar was tracking was good. Atmospheric conditions were normal. There was no detection of this object on any height finder equipment. Experts opinions differ as to whether this UFO was extremely / high or extremely low.

The weather was -- high , overcast, visibility 10 miles, wind ENE at 10 knots on the surface. No temperature inversion.

ATIC WPAFB 0

WARNINGS, FOR THE TESTING AT CAPE CANAVERAL. *SCP3*

DOWNGRADED AT 12 YEAR
 IS NOT AUTOMATICALLY
 UNCLASSIFIED. DOD DIR 5200.10

SYMBOL

AFCIN-4E

PAGE

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NR OF

2

SECURITY CLASSIFICATION

INITIALS

rjf

PAGE TWO RJEJFQT 90C

CONF MTW-11-4-2; (2) 19 APRIL , POLARIS SUBMARINE LAUNCH AT 23 DEGREES 15 MINUTES NORTH 80 DEGREES 03 MINUTES WEST TEST NR 1365 REPORTED BY TELETYPE SECRET MTW 26-4-4 AND (3) 27 APRIL JUNO TEST NR 814 REPORTED BY TELETYPE SECRET MTW 27-4-6. ATTEMPTS TO IDENTIFY THE UNKNOWNNS BY ADC FIGHTER INTERCEPTION HAS NOT BEEN SUCCESSFUL DUE TO THE FACT THAT ON 19 APRIL AND 27 APRIL WHEN AN F-102 INTERCEPTORS WAS SCRAMBLED FROM JACKSONVILLE, THE UNKNOWN TARGET DEPARTED FROM THE AREA BEFORE THE INTERCEPTOR ACCOMPLISHED INTERCEPTION. FOR MISSILE LAUNCHES BETWEEN 1 MAY AND 9 MAY ADC F-101 INTERCEPTORS WERE BASED AT PATRICK AFB. THREE UNIDENTIFIED RADAR TARGETS WERE OBSERVED AND WERE INTERCEPTED AS FOLLOWS: THE FIRST INTERCEPT IDENTIFIED A TURBO PROP AIRLINE APPROX 15 MILES WEST OF NORMAL COURSE. THE SECOND SCRAMBLE IDENTIFIED A US NAVY SIERRA-2 FOXTROT FROM THE AIRCRAFT CARRIER LAKE CHAMPLAIN TO PATRICK ON A DVFR FLIGHT PLAN WHICH HAD NOT BEEN APPROPRIATELY DISSEMINATED. THE THIRD INTERCEPT WAS ACCOMPLISHED ON A REAGE US NAVY P2V WHICH WAS NOT AT HIS PRESCRIBED POSITION. PART THREE. THREE THEORIES WERE STUDIED BY THE DCS/INTELLIGENCE, AFMTC. THEORY 1 - THAT THE U-2 AIRCRAFT OPERATION DOWN RANGE FROM CAPE CANAVERAL MAY BE CAUSING THE UNIDENTIFIED RADAR TARGETS. THEORY 2- THAT RANGE TIMING SIGNALS CAUSED THE OCCURRENCES. THEORY

SQB 097

ADD173FQB946157231

PP RJEDSQ

ZDK

PP RJEZFF RJEZHQ RJWFAL RJESKB RJESQ RJWZJB RJEXGL

DE RJEXFQT 90C

P 121535Z

FM AFMTC PATRICK AFB FLA

TO RJEZFF/AFSC ANDREWS AFB MD

RJEZHQ/HQ USAF WASH 25DC

RJWFAL/ADC ENT AFB COLO

RJESKB/32 AIR DIV DOBBINS AFB GA

RJEDSQ/ATIC WPAFB OHIO

RJEZHQ/OSAF WASH DC

INFO RJWZJB/BSO LOS ANGELES CALIF

RJEXGL/APGC EGLIN AFB FLA

BT

MTW-12-5-5. SEC NE OF TWO.

AFSC FOR SCF, HQ USAF FOR AFCIN, OSAF FOR SFIS, IN FO BSD FOR DCS/I, INFO APGC FOR DCS/I. SUBJ: FINAL REPORT CONCERNING UNKNOWN RADAR TARGETS ATLANTIC MISSILE RANGE BETWEEN 11 APRIL AND 9 MAY. MESSAGE IN NINE PARTS. PART ONE. REFERENCE IS MADE TO TELETYPES CONF MTW-11-4-2, SECRET MTW-26-4-4, SECRET MTW-27-4-6, SECRET TW-3-5-1, SECRET MTW-5-5-2, AND SECRET SCFA-1-5-3. PART TWO. DURING THE PERIOD 11 APRIL THROUGH 27 APRIL 3 UNKNOWN RADAR TARGETS WERE DETECTED ON THE AMR WITHIN 50 MILES OF CAPE CANAVERAL. THESE OCCURRED ON (1) 11 APRIL, POLARIS TEST NR 1352 REPORTED BY TELETYPE

PAGE THREE RJEXFQT 90C

3- THAT THE UNIDENTIFIED RADAR TARGETS WERE CAUSED BY UNKNOWN
FORGIEN AIRCRAFT OBSERVING M I SSILE LAUNCH OPERATIONS. PART FOUR.
A SUMMARY OF NON-AIR-BREATHING MI SSILE LAUNCHES ON THE AMR FROM
11 APRIL THROUGH 9 MAY INDICATI NG RADAR DETECTION AND U-1 POSITION
FOLLOWS. 1. 11 APRIL POLARIS TEST NR 1352 UNKNOWN TARGET DETEC TED
BY FPS-8 NEGATIVE TARGET DEETECTED BX FPS-20 AND FPS-6. U-2 POSITION
125 DEGRES 260 MILES. 2. 19 APRIL POLARIS SUBMARINE LAUNCH TEST
NR 1365 UNIDENTIFIED RADAR TARGET APPEARED ON FPS-8, FPS-20, K FPS-6
AND FF-102 INTERCEPTOR. AC&W UNKNOWN TRACK NR 606. U-2 POSITION
114 DEGREES 410 MILES. 3. 25 APRIL MERCURY ATLAS TEST NR 835 NEG-
TIVES UNKNOWN TARGETS. U-2 P OSITION 243 DEGREES 150 MILES.
4. 27 APRIL JUNO TST NR 814 UNKNOWN RADAR TARGET ON FPS-8 AND
FPS-20. NEGATIVE TARGET ON FPS-6 HEIGHT FINDER . NEGATIVE INTERCEPT
BY F-102. AC&W UNKNOWN TRAC K NR 641. U-2 POSITION 098 DEGREES
220 MILES . 5. 1 MAY PO LARIS TEST NR 1356 NEGATIVE UNKNOWN RADAR
TARGETS. U-2 POSITION 296 DEGREES 175 MILES. 6. 2 MAY MERCURY
REDSTONE CANCELLED LAUNCH TEST NR 108 NEGATIVE UNKNOWN RADAR
TARGETS. NCATIVE U-2 FTIGHT. 7. 3 MAY POLARIS SUBMARINE LAUNCH
TEST NR 1364NEGATIVE UNKNOWN RADAR TARGETS . NEGATIVE U-2 FLIGHT. 8.
5 MAY MERCURY REDSTON E MANNED FLIGHT TEST NC108 NEGATIVE UNKNOWN TARGES

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NEGATIVE U-2 FLIGHT

8 MAY POLARIS TEST NR 1366 ATTEMPT

NEGATIVE U-2 FLIGHT
RADAR TARGETS. U-2 POSITION 296 DEGREES 175 MILES. 10 9 MAY
TS609A LAUNCH TEST NR 405 NEGATIVE UNKNOWN RADAR TARGETS. NEGATIVE
U-2. PART FIVE. DISCUSSION OF THEORY 1 - U-2 AIRCRAFT. AT APPROX
1700Z, 9 MAY, A TEST WAS RUN BY AFMTC USING A U-2 AIRCRAFT. THIS
AIRCRAFT FLEW OVER CAPE CANAVERAL AT A HEADING OF 120 DEGREES AT
APPROX 65,000 FOOT ALTITUDE AND PROCEEDED 250-270 MILES DOWN RANGE.
WHEN IT APPROACHED THE 250 MILE POINT, A SIF RETURN APPEARED ON THE
FPS-3 RADAR SCOPE BUT NOT ON THE FPS-20. THE PAINT INDICATED A
TARGET AT APPROX 50 MILES FROM THE CAPE. AT THIS POINT, THE CON-
TROLLER AT THE CAPE HAD THE U-2 TURN HIS IFF ON AND OFF. AT EACH
INSTANCE THAT THE IFF WAS TURNED OFF THE PAINT DISAPPEARED FROM THE
FPS-3 SCOPE. EACH TIME THE U-2 TURNED HIS IFF ON, THE PAINT
RETURNED. A CONTINUING COMPARISON OF THE U-2 POSITION PLOTTED BY
MOD 2 CAPE RADAR AND THE POSITION OF THE IFF REFLECTION ON THE FPS-3
RADAR WERE AT ALL TIMES APPROX 220 NAUTICAL MILES APART. PART SIX.
THEORY 2 - TIMING SIGNALS . CONSIDERABLE ANALYSIS AND DISCUSSION

ARE MADE CONCERNING THE POSSIBILITY OF RANGE TIMING SIGNALS CAUSING THE UNKNOWN RADAR TARGETS. THERE APPEARS TO BE NO LOGICAL INDICATION TO CONFIRM THIS THEORY, IN THAT BOTH FPS-8 AND FPS-20 RADAR

PAGE FIVE RJEXFQT 90X C

CONFIRMED 2 OF THE 3 UNKNOWN TARGETS, AND DURING 6 LAUNCHES AFTER 27 APRIL NO UNIDENTIFIED RADAR TARGETS WERE DETECTED WITH NO CHANGE IN TIMING SIGNALS. PART SEVEN. THEORY 3 - FOREIGN OR UNAUTHORIZED AIRCRAFT. THE THEORY THAT FOREIGN OR UNAUTHORIZED AIRCRAFT WERE PRESENT ON THE RANGE IS STILL CONCLUDED TO BE PROBABLE. DURING 19 APRIL POLARIS TEST NR 1365 THE U-2 WAS AT A POSITION 410 NM FROM CAPE CANAVERAL ON AN AZIMUTH OF 114 DEGREES. THE FPS-8 NOTED THE TARGET. THE FPS-20 NOTED IT,, THE FPS-8 HEIGHT FINDER RECORDED THE TARGET AT 1,000 FEET ALTITUDE AT 2330" AND AT 6,000 FEET AT 2045Z, AND THE F102 INTERCEPTOR PILOT EMPHATICALLY STATES THAT HIS AIR-BORNE RADAR LOCKED ON THE TARGET WHICH WAS LATER LOST, THIS OCCURRENCE WAS DESIGNATED AS TRACK NR 606 BY THE PATRICK AC&W SITE COMMANDERS POSITIVELY TO HAVE BEEN A LIVE AIRCRAFT TRACK. DURING THE JUNO LAUNCH TEST NR 814, 27 APRIL THE U-2 AIRCRAFT WAS DEGREES. THE FPS-20 AND FPS-8 RADAR CONFIRMED THE TRACK OF THIS UNKNOWN WHICH WAS IDENTIFIED BY THE PATRICK AC&W SITE AS AN UNKNOWN TRACK NR 641. THE HEIGHT FINDER FPS-8 DID NOT DETECT THIS UNKNOWN TARGET. PART EIGHT. CONCLUSION OF THE COMMANDER, PATRICK AC&W

BT

12/1540Z MAY RJEXFQT

DOWNLOADED AS IS
INTERVALS
DECLASSIFIED FOR DIA USE

HQA284

RR RJEDSQ

DE RJEZFF 28C

R 061315Z

FM AFSC ANDREWS AFB

TO RJEZHQ/HQ USAF WASH

INFO RJEZNO/AFMTC PATRICK AFB FLA

RJEDSQ/ATIC WPAFB OHIO

BT

SCFAE 6-6-2

FOR AFCIN 2B3, INFO, MTW, 4E2C. SUBJECT: UNIDENTIFIED AIRCRAFT ON THE ATLANTIC MISSILE RANGE. 11 APRIL UFO HAS BEEN DEFINITELY DETERMINED TO BE AN SIF REPLY FROM U-2 AIRCRAFT. 19 AND 27 APRIL RADAR TARGETS WERE UNIDENTIFIED AIRCRAFT OF UNKNOWN ORIGIN. WE HAVE NO INFORMATION ON POINT OF DEPARTURE OR DESTINATION. SUBSEQUENT TO THESE THREE INCIDENTS, INTERCEPTORS F-101 WERE STATIONED AT PATRICK AFB FOR TWO WEEKS. DURING EACH TEST DURING THAT PERIOD, UNIDENTIFIED RADAR TARGETS WERE INTERCEPTED AND IDENTIFIED AS COMMERCIAL AIRLINERS OR US NAVY AIRCRAFT. THERE HAVE BEEN NO UNIDENTIFIED TARGETS SINCE

PAGE TWO RJEZFF 28C

27 APRIL. IT IS THEREFORE CONCLUDED ON THE BASIS OF EVIDENCE TO DATE THAT UNIDENTIFIED AIRCRAFT HAVE BEEN OPERATING IN THE VICINITY OF CAPE CANAVERAL DURING MISSILE LAUNCHES. THERE IS NO EVIDENCE TO

PROVE THA THEY ARE UNFRIENDLY FOREIGN AIRCRAFT AND NO PHOTO
OR ELECTRONIC MISSION HAS BEEN DETECTED. IT IS POSSIBLE THAT THE
RANGE MAY BE UNDER SURVEILLANCE BY AIRCRAFT BASED ON FOREIGN SOIL;
HOWEVER, THIS APPROACH APPEARS TO BE UNLIKELY BECAUSE OF THE
ACCESSIBILITY OF THE CAPE TO OTHER MORE EFFECTIVE MEANS OF OBSERVA-
TION. THE RANGE AND ALTITUDES OBSERVED TO DATE RULE OUT THE POSSI-
BILITY OF THE PRESENCE OF A MACH PLUS, SUPER PERFORMANCE VEHICLE.
THIS COMMAND WILL CONTINUE TO EXERCISE STRINGENT SURVEIL-
LANCE OF THE AMR WITH ALL FACILITIES AVAILABLE AND REPORT ANY
SIGNIFICANT INCIDENTS OF THIS NATURE. SCP-3

BT

06/1906Z JUN RJEZFF

DOWNGRADED AT 12 YEAR
INTERVALS; NOT AUTOMATICALLY
DECLASSIFIED. DOD DIR 5200.10

UNCLASSIFIED

[REDACTED]

[REDACTED]

STATE EVILERS HAVE RAISED THEIR MACH PLUS TO NEW HEIGHTS OF
DETERMINED TO BE AN OLD MACH PLUS H-2 VINCENNE IS AND IS A
MACH PLUS H-2 VINCENNE IS AND IS A MACH PLUS H-2 VINCENNE IS
AND IS A MACH PLUS H-2 VINCENNE IS AND IS A MACH PLUS H-2 VINCENNE IS

[REDACTED]

BT
UNCLASSIFIED
IN 1994 BY [REDACTED]
ON 06/19/94
REASON: [REDACTED]
AUTHORITY: [REDACTED]
DATE: [REDACTED]
BY: [REDACTED]
FOR: [REDACTED]

[REDACTED]

1

SECRET II

1961 MAY 13 04 18

1 - 4C2
2 - 4E1
3 - 4F3
4 - 4X2A
D

SECRET
SQB063ADC 753 FQB 919 QTB 21

PP RJEDSQ

ZPK RJESNO

PP RJEZFF RJEZHQ RJWFAL RJESKB RJEDSQ RJWZJB RJENGL
DE RJEXFQT 91C

P 121535Z

FM AFMTC PATRICK AFB FLA

TO RJEZFF/AFSC ANDREWS AFB MD

RJEZHQ/HQ USAF WASH 25 DC

RJWFAL/ADC ENT AFB COLO

RJESKB/32 AIRDIV DOBBINS AFB GA

RJEDSQ/AFIC WPANB OHIO

RJEZHQ/CSAF WASH DC

INFO RJWZJB/DSB LOS ANGELES CALIF

RJENGL/APGC EGLIN AFB FLA

BT

~~SECRET~~ MTW-12-5-5. SECTION TWO OF TWO

SITE ARE QUOTED FROM HIS TELETYPE SECRET MTOFC CITE MT-66503 TO
32 AIRDIV DOBBINS AFB GA, INFO: 679 ACW SQ JACKSONVILLE FLA.

QUOTE. IT IS BELIEVED THAT THIS PHENOMENA ACCOUNTS FOR SOME OF THE
UNKNOWN'S SEEN IN THIS AREA AND IS EXPLAINED AS FOLLOWS: THE FPS-8
HAS A 360 PRF AND THEIR IFF (SIF) HAS A 360 PRF. WHEN AN INTERRO-
GATION IS TRANSMITTED, THE SIGNAL CONTINUES TO 220 MILES, AND AT
THAT POINT THE RECEIVER BLANKS OUT AND A SECOND PULSE IS TRANSMITTED.
MEANWHILE THE FIRST SIGNAL INTERROGATED THE ACFT AT 250 - 270 MILES
AND SENT AN SENT A REPLY BACK. THIS WAS RECEIVED WHEN THE RECEIVER WAS
~~SECRET~~

PAGE TWO RJEXFQT 91C

SET TO RECEIVE THE SECOND INTERROGATION THAT WAS TRANSMITTED. THIS PHENOMENA WOULD THUS CAUSE AN IFF PAINT AT 50 - 70 MILES FROM THE FPS-8 AND COULD BE CONSIDERED AS A SECOND BANG PHENOMENA. THE REASON THAT OUR FPS-20 DID NOT EXPERIENCE THIS ACTIVITY WAS BECAUSE WE HAVE OUR RADAR AT 360 PRF, BUT OUR IFF AT 130 PRF. THIS ENABLES OUR IFF RECEIVER TO RECOVER AND NOT ACCEPT A SECOND BANG RETURN. THUS, THIS IS ONE OF THE REASONS WHY THE FPS-8 HAD UNKNOWNNS AND THE FPS-20 DID NOT. WE HAVE RECOMMENDED TO AFMTC THAT THEY ADJUST THEIR IFF (SIF) TO 130 PRF AND PART OF THE PROBLEM WOULD BE SOLVED. HOWEVER, THIS DOES NOT ANSWER WHY WE PAINTED UNKNOWNNS ON BOTH THE FPS-8 AND THE FPS-20 RADARS AS WELL AS THE FPS-6 RADAR. THE FPS-6 DOES NOT ACCEPT BEACON RETURNS. FURTHER, WHEN AN F-102 WAS SCRAMBLED FROM JACKSONVILLE ON 27 APR 61, THE PILOT REPORTED TO THE JAX ACW COMMANDER THAT HE HAD A LOCK ON FOR TWO MINUTES ON A TARGET THAT DISAPPEARED FROM HIS SCOPE. IT THUS APPEARS FROM THE SPECULATIVE STANDPOINT THAT WE HAVE TWO PROBLEMS, ONE RESULTING FROM ELECTRONIC PHENOMENA AND THE OTHER AS A RESULT OF ACTUAL UNKNOWNNS. ALTHOUGH THE ADC ACTIVITY WAS KEPT QUIET DURING THIS PERIOD, THE MERE PRESENCE OF ACFT WITH ADC MARKINGS COULD CAUSE LACK OF ACTIVITY BY THOSE CAUSING THE UNKNOWNNS. IT IS RECOMMENDED THAT

FPS-2 track of UFO remained in the target area for a few seconds occasionally.

By 125° from C.C.

Flight path is shape of long narrow oval between 10 and 15 miles from C.C. along 125°-127°.

2nd that UFOs are in a formation pattern in the sky. Left wing of the formation is particularly noticeable.

4th FRE-20 pilot saw UFOs in a group of 3 or 4 in the sky of 30 miles and saw them turn in the flight path.

PAGE THREE RJEXFQT 91C

SHOULD A REQUIREMENT BE PLACED ON ADC TO FURNISH SUPPORT IN THE FUTURE, THAT THE ACFT BE POSITIONED AT MCCOY AFB WITH A SCRAMBLE LINE TO THE JAX ACW SQ. PART NINE. CONCLUSIONS OF THE DCS/INTELLIGENCE, AFMTC FOLLOW. IT IS CONCLUDED THAT: 1. TIMING SIGNALS HAVE NOT CAUSED ANY OF THE UNKNOWN RADAR TARGETS. 22. THE IFF BEACON OF THE U-2 CAUSED THE FPS-8 RADAR TARGET ON 11 APRIL DURING POLARIS TEST NR 1352. 3. THE UNIDENTIFIED RADAR TARGET ON 19 APRIL DURING POLARIS SUBMARINE LAUNCH TEST NR 1365 IS CONCLUDED TO HAVE BEEN A LIVE AIRCRAFT TARGET IN THAT FPS-8, FPS-20, FPS-6, AND F-102 RADAR CONFIRMED THE TARGET AND THE U-2 WAS 410 MILES DISTANT, WHICH IS BELIEVED TO MINIMIZE THE PROBABILITY OF THE TARGET BEING CAUSED BY THE U-2 IFF. 4. THE RADAR TARGET DETECTED ON 27 APRIL DURING JUNG LAUNCH TEST NR 314 COULD POSSIBLY BE A SO CALLED "SECOND ECHO" OF THE U-2 IFF IN THAT THE U-2 WAS 220 MILES DOWNRANGE ON AN AZIMUTH 338 DEGREES AND THE FPS-8 HEIGHT FINDER DID NOT DETECT THE UNKNOWN TARGET. THIS TARGET COULD ALSO VERY POSSIBLY HAVE BEEN A LIVE AIRCRAFT IN THAT IT WAS DETECTED BY BOTH THE FPS-20 AND THE FPS-6 RADAR AND WAS DESIGNATED AS ACW TRACK NR 641, AND THE FACT THAT THE UNKNOWN TARGET WAS APPROX 190 MILES FROM THE U-2 INSTEAD OF THE DEMONSTRATED 220 MILES AND THE FACT THAT THE UNKNOWN TARGET

PAGE FOUR RJEXFQT 91C

ACCOMPLISHED A SAW TOOTH COURSE BY CHANGING DIRECTION APPROX 10 TIMES DURING A PERIOD OF 35 MINUTES AND FLEW IN A DIRECTION OF WEST, NORTH, NORTHEAST AND NORTHWEST DURING THE 35 MINUTE SOLID TRACK

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
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F/scc

AF IN : 28780 (21 Apr 61)

ACTION: CIN-14

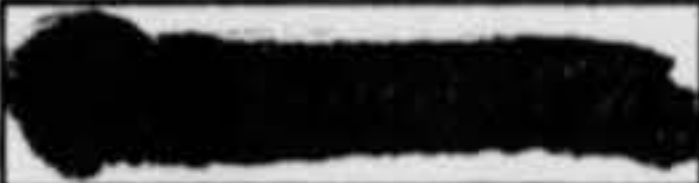
INFO : OOP-2, OOP-CP-1, SAFS-3 (21)

DE RJEDSO 7XC
P 212050Z ZEX
FM ATIC WPAFB
TO RJEZHQ/COFS USAF WASH DC
RJEZFF/AFSC ANDREWS AFB MD
BT

 AFCIN-4E2 C-776.

UNCLASSIFIED
Director TDP
AFR 2057, Par 2-12a
2 Jan 68

PART I. FOR AFCIN MAJ GEN WALSH AND FOR RDY MAJ GEN WATSON
AT 1457 11 APR 61 AN UNIDENTIFIED FLYING OBJECT WAS SIGHTED
ON RADAR IN THE VICINITY OF CAPE CANAVERAL PRIOR TO THE
LAUNCHING OF TEST NUMBER 1352, APOLARIS MISSILE, SCHEDULED
T TIME 1430Z. THREE EXPERIENCED OBSERVERS WATCHED THE TARGET
ON AN FPS-3 RADAR FOR 30 MINUTES AND ESTIMATED ITS SPEED AS
RANGING BETWEEN 150 AND 600 KNOTS. THESE OBSERVERS REPORTED
THAT THE OBJECT ORBITED 6 OR 7 TIMES ALONG AN AZIMUTH OF 126
DEGREES FROM CAPE CANAVERAL AND BETWEEN 10 AND 55 MILES FROM
THE CAPE. THE RANGE OBSERVERS' ESTIMATES OF THE HEIGHT OF THE
UFO DID NOT AGREE, REPORTING EITHER THAT THE OBJECT WAS VERY LOW
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THE RANGE C-54 IS EQUIPPED WITH AN APS-42 AND AN APS-59 RADARS
BUT UTILIZED ONLY THE APS-42 DURING THIS ATTEMPTED INTERCEPT.



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([REDACTED])

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
INCOMING MESSAGE

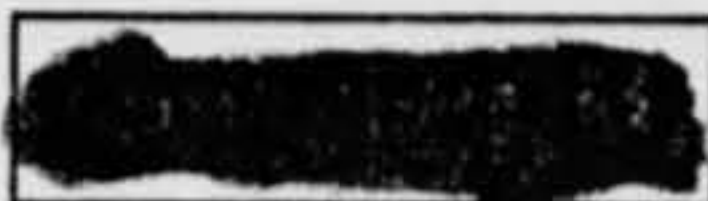
AF IN : 28780 (21 Apr 61)

Page 2 of 3

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PART II. ANALYSIS OF THE AVAILABLE DATA LEADS TO THE CONCLUSION THAT THE TARGET WAS REAL. THERE IS NO EVIDENCE IN THE REPORT TO SUGGEST RADAR MALFUNCTION, OR FALSE ECHOS. BECAUSE THE TRACKS WERE APPARENTLY WELL DEFINED AND HAD A DEFINITE PATTERN. IT IS BELIEVED THAT THIS WAS A RELATIVELY SMALL TARGET DUE TO THE FACT THAT IT CONSISTENTLY FADED AT 44 MILES OUTBOUND IN ITS ORBIT AND REAPPEARED AT APPROXIMATELY 44 MILES INBOUND. THERE IS NO LOGICAL REASON FOR THE INABILITY OF THE POWERFUL FPS-20 TO TRACK THE TARGET, UNLESS THIS EQUIPMENT WAS NOT FUNCTIONING PROPERLY AT THIS TIME OR THE TARGET WAS IN A DEAD AREA FOR THE STATION.

PART III. SINCE NO HEIGHT FINDER DATA WAS OBTAINED CERTAIN DEDUCTIONS MUST BE MADE RELATIVE TO THE TARGET HEIGHT. THE MINIMUM REPORTED RANGE OF THE TARGET WAS 10 MILES. SINCE THIS IS SLANT RANGE AND FURTHER SINCE THE MAXIMUM VERTICAL ANGLE COVERAGE OF THE FPS-8 IS 25-30 DEGREE THE MAXIMUM TARGET HEIGHT WOULD BE APPROXIMATELY 30,000 FEET WHICH OBVIOUSLY RULES OUT THE POSSIBILITY OF THE UFO



DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
INCOMING MESSAGE

AF IN : 28780 (21 Apr 61)

Page 3 of 3

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PART V. IT IS CONCLUDED BY ATIC THAT THE OBJECT SIGHTED ON RADAR AT CAPE CANAVERAL ON 11 APR 61 AT 1457Z WAS PROBABLY A REAL TARGET, FLYING AT AN ALTITUDE OF NO MORE THAN 35,000 FEET. NO DEFINITE EXPLANATION OF WHY THIS TARGET DID NOT APPEAR ON THE FPS-20 CAN BE REACHED, BUT INSPECTION OF THE SITE AND THE RADAR MAINTENANCE RECORD WOULD REVEAL IF THIS WAS DUE TO A DEAD AREA OF FAULTY EQUIPMENT. THIS ORGANIZATION CONTINUING EFFORTS TO RESOLVE THE CASE.

BT

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([REDACTED])

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
INCOMING MESSAGE

F/scc

AF IN : 28780 (21 Apr 61)

ACTION: CIN-14

INFO : OOP-2, OOP-CP-1, SAFS-3 (21)

*Received by
A. J. [unclear]
AFR 2057, Para 2-17a
2 Jan 68*

DE RJEDSQ 7XC
P 212050Z ZEX
FM ATIC WPAFB
TO RJEZHQ/COFS USAF WASH DC
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[REDACTED] AFCIN-4E2 C-776.

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[REDACTED]

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**DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
INCOMING MESSAGE**

AF IN : 28780 (21 Apr 61)

Page 2 of 3

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INCOMING MESSAGE

AF IN : 28780 (21 Apr 61)

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BT



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[REDACTED]

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
INCOMING MESSAGE

AF IN : 28780 (21 Apr 61)

F/sec

ACTION: CIN-14

INFO : OOP-2, OOP-CP-1, SAFS-3 (21)

DE RJEDSQ 7XC
P 212050Z ZEX
FM ATIC WPAFB
TO RJEZHQ/COFS USAF WASH DC
RJEZFF/AFSC ANDREWS AFB MD
BT

Direct T.D.P.
A. Quintana
AFR 2051, Page 2472
2 Jan 68

[REDACTED] AFCIN-4E2 C-776.

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BT



ALTITUDE BECAUSE OF SCOPE INDICATIONS. SOME RADAR OBSERVERS BELIEVE
UFO WAS VERY LOW NAMELY 210 FT. ALTITUDE. OTHERS BELIEVE UFO WAS AT
VERY HIGH ALTITUDE NAMELY MUCH HIGHER THAN NORMAL JET AIRCRAFT. ONE
OBSERVER STATED THE ACTION OF THE UFO INDICATED A CURRENT KNOWLEDGE
OF THE MISSILE LAUNCH COUNTDOWN IN THAT THE UFO WOULD RETIRE BEYOND
THE RANGE OF THE RADAR SCOPE DURING THE PERIODS OF HOLD AND WOULD
RETURN WHEN THE COUNT WAS RESUMED. RADAR OBSERVERS STATE THE UFO
REMAINED IN A HOVERING POSITION OR IN AN EXTREMELY TIGHT CIRCLE FOR
SEVERAL SECONDS PERIODICALLY. AT OTHER TIMES THE UFO SPEED WAS
APPROX THAT OF A C-54 AIRCRAFT WHICH WAS BEING TRACKED ON THE
SAME SCREEN AND AT OTHER TIMES THE UFO SPEED WAS SIMILAR TO THAT OF

PAGE FIVE RJEXFQT 59C

THE CF-100, APPROXIMATELY 400 KNOTS WHICH WAS BEING TRACKED ON THE
SAME RADAR SCREEN AND UPON FINAL DEPARTURE OF THE UFO IT ATTAINED
A SPEED ESTIMATED BY THE RADAR OBSERVER TO BE 600 MPH. THE POLARIS
LAUNCH AZIMUTH WAS 116 DEGREES WHICH COINCIDES VERY NEAR TO THE
AZIMUTH OF THE UFO ORBI NAMELY 125 DEGREES. IT IS THE CONSIDERED
OPINION OF THE REPORTING OFFICER THAT THIS UFO WAS AN ENEMY
AIRCRAFT OF THE U-2 TYPE WHICH WAS OBSERVING POLARIS TEST OPERATIONS
WITH A CONTINUING KNOWLEDGE OF THE MISSILE LAUNCH STATUS.
INVESTIGATION CONCLUDED. L. NEGATIVE.

BT

12/0010Z APR RJEXFQT



EMPLOYEE, CAPE CANAVERAL, FLORIDA, FPS-3 RADAR OPERATOR. RELIABILITY SUPERIOR. E. [REDACTED] (ADULT) PAA, CAPE CANAVERAL, FLA, ASSISTANT FPS-3 RADAR OPERATOR. RELIABILITY SUPERIOR (2) A. FLIGHT LIEUTENANT SKINNER, ROYAL CANADIAN AIR FORCE, TEMPORARY DUTY AT PATRICK AFB, ASSISTED RADAR OPERATORS IN VECTOMINGSOF-100 CANADIAN AIRCRAFT DURING TESTS. RELIABILITY EXCELLENT. B. CAPT. GORDON E. STANTON, AFMTC PILOT OF C-54 RANGE SURVEILLANCE AIRCRAFT. RELIABILITY SUPERIOR. G (1) CLEAR SKY, HIGH CIRRUS, VISIBILITY 20 MILES, LIGHT HAZE AT 8,000 FT IN THE AREA WHERE THE UFO WAS TRACKED BY RADAR. (2) AND (7) PAA WEATHER STATION CAPE CANAVERAL FLA REPORT FOR 1150Z. SURFACE 030/9, 19C; 6000 274/1715C; 10000 275/24 3C; 16000 269/28 - 7C; 20000 282/44-14C; 30000 270/79-33C; 50000 279/73-67C; 80000 MISSING-54C (3), (4), (5), & (6) CAPE CANAVERAL WEATHER 0958Z HIGH THIN OVERCAST, VISIBILITY 10, TEMPERATURE 72 DEGREES F, WIND E NE 10 KNOTS NEGATIVE THUNDERSTORMS. H. NEGATIVE UNUSUAL CONDITION I. NEGATIVE INTERCEPTION ACTION

PAGE FOUR R05XHQ 59C

BECAUSE GCI APS-20 RADAR PICKED UP UFO ONCE EACH THREE SWEEPS OVER AN INTERVAL OF SEVEN SECONDS AND RECEIVED NO TARGET ON THE HIGH FINDER. J. NEGATIVE (1. DCS/INTELLIGENCE, AFMTC, RADAR IDENTIFICATION OF UFO DEEMED ACCURATE AND DEPENDABLE. RADAR AND RADAR OPERATORS HIGHLY DEPENDABLE WITH FREQUENT RADAR OPERATION. AFMTC RANGE SURVEILLANCE C-54 WAS VECTORED BY RADAR TO WITHIN 2 AND ONE HALF MILES OF UFO POSITION WITH UFO DIRECTLY IN FRONT OF C-54 AIRCRAFT. CAPT. STANTON AND CREW HIGHLY SKILLED, OBSERVED CAREFULLY AND STATED NOTHING WAS OBSERVED. EXPERT RADAR OBSERVERS DIFFER IN OPINION OF UFO

B (1) UFO FIRST APPEARED AT 1457Z, 11 APRIL 61, ON THE FPS-8 RADAR SCOPE DURING RANGE CLEARANCE PROCEDURES PRIOR TO THE LAUNCHING OF TEST NUMBER 1352, A POLARIS MISSILE, SCHEDULED T TIME 1430Z WITH ACTUAL LAUNCH AT 1552 AND 51 SECONDS Z. THE PURPOSE OF THIS RADAR OBSERVATION IS TO DETERMINE ALL AIRCRAFT AND SHIPS WHICH MAY BE IN DANGER BY THE LAUNCH OF A MISSILE. (2) ELEVATION UNKNOWN, AZIMUTH 125 DEGREES FROM CAPE CANAVERAL. (3) ELEVATION UNKNOWN, AZIMUTH 125 DEGREES FROM CAPE CANAVERAL. (4) UFO FLIGHT PATH IN THE SHAPE OF LONG NARROW ORBIT. ORBIT EXTENDED BETWEEN 100 MILES FROM THE CAPE TO ESTIMATED 55 MILES FROM THE CAPE ALONG THE AZIMUTH OF BETWEEN 125 TO 127 DEGREES. UFO FADED FROM RADAR SCOPE AT RANGE 44 MILES THEN REAPPEARED AFTER A FEW SECONDS ON THE INBOUND COURSE OF THE ORBIT AT RANGE 44 MILES. UFO ACCOMPLISHED 6 OR 7 ORBITS BETWEEN 10 MILES AND THE FADE OUT RANGE OF 44 MILES. (5) OBJECT RETREATED WHEN THE AFMTC RANGE SURVEILLANCE C-54 AIRCRAFT WAS VECTORED BY RADAR TO WITHIN 2 AND ONE HALF MILES OF THE UFO. UFO COMMENCED DEPARTURE AT A SPEED APPROX THAT OF THE C-54 AIRCRAFT NAMELY 150 KNOTS AND DISAPPEARED FROM THE RADAR SCOPE AT RANGE 44 MILES AT 600 MPH ESTIMATED SPEED ALONG THE 127 DEGREE AZIMUTH FROM CAPE CANAVERAL. (6) MORE THAN 30 MINUTES. K (1) GROUND ELECTRONICS, FPS-8 RADAR

PAGE THREE RJENFQT 59K

USING THE NORMAL RECIVER, NOT THE MOVING TARGET RECIVER. (2) NEGATIVE (3) N/A D (1) 1457Z, 11 APRIL 61. (2) DAY E. FPS-8 RADAR SITE, SOUTH END CAPE CANAVERAL MISSILE TEST ANNEX, PATRICK AFB, FLA. F (1) [REDACTED] (ADULT) PAN AMERICAN AIRWAYS (PAA)

ATIC

SQBO27X

ADA 627FQB774QTB445

PPRJEDSQ R

DE RJEWFOT 59C

P 112320Z

FM AFMTC PATRICK AFB FLA

TO RJEWFAL/ADC ENT AFB COLO

RJESKB/32 AIRDIV DOBBINS AFB GA

RJEDSQ/ATIC WPAFB OHIO

RJEZHQ/HQ USAF WASH DC

RJEZHQ/OSAF WASH DC

BT

MTW-11-4-2.

FOR HQ USAF (AFCIN) FOR USAF (SAFIS). UFO. A(1) RADAR RETURN
SIMILAR TO A SKIN PAINT OF A C-54 OR SMALLER AIRCRAFT. (2) RADAR
RETURN OF SIZE COMPARABLE TO A SKIN PAINT OF C-54 WITHOUT TRANS-
PONDER. (3) N/A (4) ONE (5) N/A (6) RADAR OBSERVATION ONLY.
FPS-2 RADAR AT CAPE CANAVERAL, FLORIDA OBSERVED UFO WITH VERY GOOD
PAINT, SKIN TRACK RETURN SIZE OF C-54 AIRCRAFT, RADAR SENSITIVITY
GOOD, GROUND CLUTTER NORMAL, ATMOSPHERIC CONDITIONS CONSIDERED
NORMAL. UFO TRACK WAS UNUSUAL IN THAT TARGET DISAPPEARED FOR A FEW
SECONDS OCCASIONALLY. (7) NOT OBSERVED (8) NEGATIVE (9) NEGATIVE

CONFIDENTIAL

AEROSPACE TECHNICAL INTELLIGENCE CENTER
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE
OHIO

REPLY TO
ATTN OF: AFCIN-4E/Maj Friend/vw/69216

SUBJECT: Request for Analysis of UFO Report

13 April 1961

TO: AFCIN-4E1

Request your analysis and comments of the attached UFO report.

Per [Signature] USAF

PHILIP G. EVANS
Colonel, USAF
AFCIN-4E

1 Atch

Inc TWX, MTW-11-4-2, **61-11730-A**

1
uncl
memo

CONFIDENTIAL

61-11730-A

JOINT MESSAGEFORM				SECURITY CLASSIFICATION									
SPACE BELOW RESERVED FOR COMMUNICATION CENTER													
14 APR 61 20 30z				Director TDA 2412									
PRECEDENCE		TYPE MSG (Check)		ACCOUNTING SYMBOL	ORIG. OR REFERS TO								
ACTION <i>Priority up</i>		BOOK	MULTI	SINGLE	CLASSIFICATION OF REFERENCE								
INFO		X			AF X								
FROM: ATIC WPAFB OHIO					ENCODED Initials <i>HR</i> Time <i>1503</i> Checked By <i>HR</i>								
TO: COFS USAF WASH DC <i>RTEZHR</i>													
AFSC ANDREWS AFB MD <i>RTEZFF</i>													
FROM AFCIN-4E2 C-724					1535 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">DATE</td> <td style="text-align: center;">TIME</td> </tr> <tr> <td style="text-align: center;">14</td> <td style="text-align: center;">1600</td> </tr> <tr> <td style="text-align: center;">MONTH</td> <td style="text-align: center;">YEAR</td> </tr> <tr> <td style="text-align: center;">Apr</td> <td style="text-align: center;">61</td> </tr> </table>	DATE	TIME	14	1600	MONTH	YEAR	Apr	61
DATE	TIME												
14	1600												
MONTH	YEAR												
Apr	61												
FOR AFCIN Maj Gen Walsh and For RDY Maj Gen Watson.													
At 1457 Z, 11 April 61 an unidentified flying object was sighted on radar in the vicinity of Cape Canaveral. Three experienced observers watched the target on an FPS-8 radar for 30 minutes and estimated its speed as ranging between 150 and 600K. These observers reported that the object orbited 6 or 7 times along an azimuth of 126 degrees from Cape Canaveral and distances of 10 to 55 miles. The radar observers' estimates of the height of the UFO did not agree, some reporting the object as very low and others that it was extremely high. A range surveillance C-54 was vectored to within 2-1/2 miles of the object but reports from the crew were negative. No other intercept action was accomplished because GCI <i>HR</i> FPS-20 radar picked up the UFO only													
SYMBOL		SIGNATURE		PHILIP G. EVANS Colonel, USAF Deputy for Science & Components									
AFCIN-4E2		TYPED (or stamped) NAME AND TITLE											
TYPED NAME AND TITLE (Signature, if required)		TYPED (or stamped) NAME AND TITLE											
Maj Friend <i>Robert J. Friend</i>		PHILIP G. EVANS											
PHONE 69216		PAGE 1		NR. OF 2									
SECURITY CLASSIFICATION		RELEASER											

DD FORM 173
1 MAY 60

REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED