PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION	12. CONCLUSIONS
7 Sep 61	Cape Canaveral, Florida	☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT 080137Z	**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 (S/P) ☐ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION 4 sec	**8. NUMBER OF OBJECTS** 1	**9. COURSE** Vertically
		☐ Other _____ ☐ Insufficient Data for Evaluation ☐ Unknown

10. BRIEF SUMMARY OF SIGHTING Objt moving vertically in tracking scope. During missile launch.

11. COMMENTS Image in scope was determined to be star Gamma Piscium.

ATIC FORM 329 (REV 26 SEP 52)

JOINT MESSAGEFORM

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

OFFICIAL FILE COPY

15 Nov 61 15 49z

ENCODED TD-E

Initials DO

Time 15/1706 Z 8XC

2EX

PRECEDENCE		TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION	ROUTINE	BOOK	MULTI	SINGLE	AF	61-39, MIW 16-9-40 TD-Eld 19-9-390	TS, S, S
INFO	ROUTINE						

FROM:

FTD WPAFB O

SPECIAL INSTRUCTIONS

TO:
AFMTC PATRICK AFB FLA RJESNO

INFO: AFSC ANDREWS AFB MD QJEZFF

COFS USAF WASH DC QJEZHQ

DCAS INGLEWOOD CALIF QJWZBK

Classification Cancelled (or changed to) UNCLASSIFIED
Auth. Director FDP
By [signature]
Date 19 MAY 1969
AFR 205-1 Par 2-17a 2 Jan 68

[redacted] TD-E 15-11-282. AFMTC FOR GENERAL DAVIS, INFO: AFSC FOR GENERAL WATSON, COFS FOR AFCIN GENERAL BREITWEISER, DCAS FOR GENERAL ESTES. REFERENCE AFMTC TOP SECRET MSG CITE 61-39 DTD 15 SEP 61 AND YOUR SECRET CITE MIW 16-9-40 DTD 17 SEP 61 AND FTD SECRET MSG TD-Eld 19-9-390. THE FOLLOWING ANALYSIS OF THE UFO SIGHTING WHICH OCCURRED AT THE AFMTC IS BASED ON TRAJECTORY DATA OBTAINED BY THE AZUSA SYSTEM. THIS ANALYSIS IS IN THREE PARTS.

PART ONE. THE IMAGE WHICH APPEARED IN THE BU TRACKING TELESCOPE DURING THE LAUNCHING OF A TITAN MISSILE ON 8 SEP 61 IS CONCLUDED TO BE THAT OF THE STAR GAMMA PISCIUM, RIGHT ASCENSION 23H 15M 08.5S DECLINATION +3°04'08" AND MAGNITUDE 3.8. THE AZIMUTH AND ELEVATION OF THE MISSILE FROM THE LOCATION OF THE BU TRACKING TELESCOPE AT THE

1515317

DATE	TIME
~~14~~ 15	1031
MONTH	YEAR
NOV	1961

WRITER

SYMBOL TD-E Page ___ of ___ Pages

TYPED NAME AND TITLE (Signature if required) Major Robert J. Friend 1 of 4

PHONE 69216 PAGE NR. 1 NR. OF PAGES 2

SECURITY CLASSIFICATION [redacted]

RELEASER

SIGNATURE Nicholas Pet

TYPED (or stamped) NAME AND TITLE
EDWARD H. WYNN
Colonel, USAF
Dep/Science & Components

UNCLASSIFIED

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

DD FORM 1 MAY 55 173 REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

[redacted]

UNCLASSIFIED

JOINT MESSAGEFORM	SECURITY CLASSIFICATION [redacted]

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

PRECEDENCE	TYPE MSG (Check) BOOK	MULTI	SINGLE	ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION OPS IMMEDIATE		X		AF	61-39	[redacted]
INFO						

FROM: CMDR FTD AFSC WPAFB OHIO

SPECIAL INSTRUCTIONS: 74273

TO: AFMTC PATRICK AFB FLA

INFO: AFSC ANDREWS AFB MD

COFS USAF WASH DC

DCAS INGLEWOOD CALIF

Classification Cancelled (or changed to) UNCLASSIFIED
Auth. Director TDP
By [illegible]
Date 9 MAY 1969
AFR 205-1, Par 2-17a
2 Jan 68

TD-E Read File

[redacted] FROM TD-Eld 19-9-390. AFMTC FOR GENERAL DAVIS, AFSC FOR GENERAL WATSON, COFS FOR AFCIN GENERAL BREITWEISER, DCAS FOR GENERAL ESTES. REFERENCE AFMTC TOP SECRET MSG CITE 61-39 DTD 15 SEPT61 AND YOUR SECRET CITE MTW 16-9-40 DTD 17 SEPT 61. THE FOLLOWING INITIAL FTD ANALYSIS IS FORWARDED IN THREE PARTS.

PART I: BASED ON FACT THAT "BOGIE" IMAGE WAS SEEN ONLY BY BU ENE CAMERA AT PATRICK AFB AND NOT BY SENSORS AT OTHER TRACKING SITES, IT IS CONCLUDED THAT "BOGIE" WAS NOT, REPEAT NOT, IN CLOSE PROXIMITY TO TITAN.

PART II. CALCULATIONS BASED ON MISSILE POSITION AT BURN OUT, THE TIME WHEN "BOGIE" APPEARED, INDICATES THAT THE IMAGE IS VERY PROBABLY THAT OF A STAR, NAMELY GAMMA PISCIUM. IN SUPPORT OF THIS

Page 1 of 2 Pages
Cy ___ of ___ Cys

[redacted]

DATE	TIME
19	1515
MONTH	YEAR
SEPT	1961

WRITER		RELEASER
SYMBOL: TD-Eld		SIGNATURE
TYPED NAME AND TITLE (Signature, if required): Maj. P.N. Karlakow/alb		TYPED (or stamped) NAME AND TITLE: EDWARD H. WYNN, COLONEL, USAF, DEPUTY FOR SCIENCE & COMPONENTS
PHONE 74236	PAGE NR. 1 / NR. OF PAGES 2	
SECURITY CLASSIFICATION: [redacted]		

UNCLASSIFIED

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

FORM 1 MAY 55 173 REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

JOINT MESSAGEFORM - CON 'UATION SHEET | SECURITY CLASSIFICATION [redacted]

FROM: FTD WPAFB O

UNCLASSIFIED

TIME OF THE SIGHTING WAS COINCIDENT WITH THAT OF THE STAR.

PART TWO. THE CONCLUSION THAT THE OBJECT OF THIS SIGHTING WAS A STAR IS FURTHER SUBSTANTIATED BY THE FOLLOWING FACTS. THE OBJECT WAS IN THE FIELD OF THE TRACKING UNIT APPROXIMATELY FOUR SECONDS MOVING GENERALLY VERTICAL. THE DIMENSION OF THE FIELD IN THIS DIRECTION WAS APPROXIMATELY 1/4° AND THE ANGULAR VELOCITY OF THE TELESCOPE IN THE VERTICAL PLANE AT THE TIME OF THE SIGHTING WAS APPROXIMATELY .09° PER SECOND. A RELATIVELY STATIONARY OBJECT WOULD THEN REQUIRE APPROXIMATELY 4 SECONDS TO PASS THROUGH THE FIELD. THE ANGULAR VELOCITY OF THE TRACKING TELESCOPE IN THE HORIZONTAL PLANE WAS NEGLIGIBLE.

PART THREE. THE PROBABLE REASON WHY THIS PHENOMENA WAS NOT PREVIOUSLY EXPERIENCED BY AFMTC PERSONNEL IS DUE TO THE IMPROBABILITY OF IT OCCURRING. FOR THIS PHENOMENA TO TAKE PLACE THE TRACKING UNIT MUST HAVE A LOW ANGULAR RATE DURING THE PERIOD THE 1/16 SQUARE DEGREE FIELD OF VIEW IS COINDIDENT WITH A STAR. THE IMPROBABILITY OF THESE EVENTS OCCURRING SIMULTANEOUSLY IS SUBSTANTIATED BY THE FACTS THAT THE DENSITY OF STARS WHICH CAN BE VIEWED WITH THE BU TRACKING TELESCOPE IS WELL BELOW ONE PER 1/16 SQUARE DEGREE AND THE DIFFERENCE BETWEEN THE LOCATION OF THE LAUNCHING PAD AND THE TRACKING STATION PLUS MISSILE VELOCITIES USUALLY REQUIRES TRACKING EQUIPMENT TO OPERATE AT HIGH ANGULAR RATES. SCP 3

3

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

UNCLASSIFIED

SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION	INITIALS
TD-E	2	2	[redacted]	rjf

DD FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1958 -469084

[redacted]

JOINT MESSAGEFORM

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

20 Oct 61 14 40z

ENCODED
Initials
Time 20/60 Z
Checked By

4 XC

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION ROUTINE	BOOK	MULTI	SINGLE	AF	CNO msg dtd 12 Oct 61	[redacted]
INFO						

FROM:
FTD WPAFB O

SPECIAL INSTRUCTIONS

TO:
CNO WASH DC R BePLR

Classification Cancelled (or changed to UNCLASSIFIED)
Auth. Director TOP
By
Date 29 MAY 1969
AFR 205-1, Par 2-17a
2 Jan 68

[redacted] TD-E 20-10-357

REF CNO MSG DATED 12 OCT 61 DTG 2044Z SUBJ UFO EVALUATION. THE FTD EVALUATION OF THE CAPE CANAVERAL UFO SIGHTING WHICH OCCURRED ON 7 SEP 61 DURING THE TESTING OF A TITAN MISSILE IS AS FOLLOWS; PART ONE. BASED ON FACT THAT "BOGIE" IMAGE WAS SEEN ONLY BY BU CAMERA AT PATRICK AFB AND NOT BY SENSORS AT OTHER TRACKING SITES, IT IS CONCLUDED THAT "BOGIE" WAS NOT, REPEAT NOT, IN CLOSE PROXIMITY TO TITAN. PART TWO. CALCULATIONS BASED ON MISSILE POSITION AT BURN OUT, THE TIME WHEN "BOGIE" APPEARED, INDICATES THAT THE IMAGE IS VERY PROBABLY THAT OF A STAR, NAMELY GAMMA PISCIUM; IN SUPPORT OF THIS ANALYSIS ARE ASD FILMS USING THE SAME TYPE OF EQUIPMENT WHICH SHOW STAR TRACKS SIMILAR TO THAT OBSERVED IN THE TITAN FILM. PART THREE. THE FOLLOWING ADDITIONAL DATA HAS BEEN REQUESTED FROM AFMTC TO CONFIRM THE EVALUATION: A. COMPLETE MISSILE TRAJECTORY DATA AS CONTAINED IN "DATA REDUCTION REPORTS" PREPARED BY RCA/AMR. B. ACCURATE GEOGRAPHIC

201441Z

DATE	TIME
18	
MONTH	YEAR
OCT	1961

WRITER

SYMBOL
TD-E

TYPED NAME AND TITLE (Signature, if required)
Major Robert J. Friend

PHONE 69216 | PAGE NR. 1 | NR. OF PAGES 2

SECURITY CLASSIFICATION UNCLASSIFIED

RELEASER

SIGNATURE

TYPED (or stamped) NAME AND TITLE
EDWARD H. WYNN
Colonel, USAF
Dep for Science & Components

[redacted]

DD FORM 1 MAY 55 17[redacted] REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

[redacted]

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

FROM:

CMDR FTD AFSC WPAFB OHIO

ANALYSIS ARE ASD FILMS MADE USING THE SAME TYPE OF EQUIPMENT WHICH SHOW STAR TRACKS SIMILAR TO THAT OBSERVED IN THE TITAN FILM.

PART III: ADDITIONAL DATA FROM AFMTC REQUIRED TO CONCLUSIVELY CONFIRM EVALUATION IS AS FOLLOWS:

A. COMPLETE MISSILE TRAJECTORY DATA AS CONTAINED IN "DATA REDUCTION REPORTS" PREPARED BY RCA/ANR.

B. ACCURATE GEOGRAPHIC COORDINATE LOCATIONS OF BU CAMERA AND MISSILE LAUNCH PAD.

C. INFORMATION ON SENSORS THAT WERE TRACKING OR MONITORING TITAN AT THE BURN OUT PHASE TO INCLUDE THEIR TYPE, EXACT LOCATION, AND FIELD OF VIEW.

SCP-3

COORDINATION:

TD-E1 _____

TD-F _____

Page 2 of 2 Pages

Cy 1 of 1 Cys

UNCLASSIFIED

SYMBOL	PAGE NR	NR OF PAGES	SECURITY [redacted]	INITIALS
TD-E1d	2	2		

DD FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1958 -469064

(7 SEPT 1961 CAPE CANAVERAL)

OFFICIAL FILE COPY
INT-2-21
ELECTRONICS DIVISION
Office of Record

JOINT MESSAGEFORM

SECURITY [redacted]

UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

5918

PRECEDENCE		TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION	ROUTINE	BOOK	MULTI	SINGLE			
INFO			X		AF	X	

FROM: CMDR FTD AFSC WPAFB OHIO 5X

TO: NORAD ENT AFB COLORADO RJWFAL

SPECIAL INSTRUCTIONS

[redacted] FROM FTD-Eld 19-9-389. NORAD FOR LT COL HARRY HOLMAN AND DCSI INFO FOR LT COL FRANCO.

REQUEST YOU INVESTIGATE ALL KNOWN SATELLITE ORBITS IN ORDER TO DETERMINE THE POSSIBILITY OF A SATELLITE BEING IN THE VICINITY OF A POINT 296 NM IN RANGE AND AN AZIMUTH OF 105 DEGREES FROM CAPE CANAVERAL ON 8 SEPT 1961 AT 0136:32.25Z. THIS INFORMATION IS NEEDED IN ORDER TO FACILITATE INVESTIGATION OF UFO AT PATRICK AFB. YOUR IMMEDIATE REPLY WILL BE GREATLY APPRECIATED.

SCP-3

COORDINATION:

TD-E1 [signature]

NOS
JWFAL

ENCODED
Initials [initials]
Time 200140
Checked By [initials]

Classification Cancelled
(or changed to UNCLASSIFIED)
Auth. Director TDP
By [signature]
Date 19 MAY 1969
AFR 205-1, Par 2-17a
2 Jan 68

Page 1 of 1 Pages
Cy 1 of 3 Cys

DATE	TIME
19	~~1333~~ 1332
MONTH	YEAR
SEPT	1961

[redacted]

WRITER		RELEASER
SYMBOL: TD-Eld		SIGNATURE: [signature]
TYPED NAME AND TITLE (Signature, if required): Maj. P.N. Keriakou/slh		TYPED (or stamped) NAME AND TITLE: EDWARD H. WYNN, COLONEL USAF, DEPUTY FOR SCIENCE & COMPONENTS
PHONE 74236	PAGE NR. 1 / NR. OF PAGES 1	
SECURITY CLASSIFICATION: [redacted] UNCLASSIFIED		

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

DD FORM 1 MAY 65 173 REPLACES AD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

JOINT MESSAGEFORM - CONTINUATION SHEET	SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

FROM:

FTD WPAFB O

COORDINATE LOCATIONS OF BU CAMERA AND MISSILE LAUNCH PAD. C. INFORMATION ON SENSORS THAT WERE TRACKING OR MONITORING TITAN AT THE BURN OUT PHASE TO INCLUDE THEIR TYPE, EXACT LOCATION, AND FIELD OF VIEW. 3cp-3 (pof)

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

SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION	INITIALS
TD-E	2	2	[redacted] UNCLASSIFIED	rjf

DD, FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1958-433284

[redacted]

UNCLASSIFIED

MTER

ATT: T. J. Obst

Geographic Coordinate Locations of the BU Camera, the Missile Launch Pad (T-3212) and the Location of Sensors.

Name	Latitude (DMS)			Longitude (DMS)			Elevation(MSL) (Ft)
*BU Camera	28	13	40.75	80	36	19.69	30.
Stand 19	28	30	25.7025	80	33	17.3401	31.90
Azusa MK II	28	24	48.1794	80	35	33.9621	33.53
BC 3.C	26	32	42.8749	77	04	41.0368	23.0
BC 4.1	25	17	30.8168	76	19	50.0792	46.1
Radar 1p.16	28	13	36.870	80	35	59.091	27.10
Radar 3.16	26	36	56.8345	78	20	54.0213	45.5

*Latitude and longitude accurate to ± 15 Ft. and elevation to ±5 Ft.

This document contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Sections 793 & 794. Its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law.

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

Classification Cancelled (or changed to UNCLASSIFIED)
Auth. Director, DSP
By A. Quintanilla
Date 29 MAY 1969
AFR 205-1, Par 2-17a
2 Jan 68

UNCLASSIFIED

[redacted]

COPY NO. 1 OF 1 [redacted]

MT. 61-36791

[redacted]

HEADQUARTERS
AIR FORCE MISSILE TEST CENTER
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
PATRICK AIR FORCE BASE, FLORIDA

UNCLASSIFIED

REPLY TO ATTN OF: MTW

28 September 1961

SUBJECT: Transmittal of Requested Data

TO: FTD (TD-Eld)

Reference is made to your Message TD-ElD 19-9-390. The additional data requested in Part III of your message is attached. Please note that the trajectory data inclosed as Attachment 1 is trajectory data obtained by the Azusa system only. It is planned that further information, including a refinement of trajectory data, will be furnished to you as soon as it becomes available.

FOR THE COMMANDER

for Oscar C Budgenaw [?] Capt
JAMES O. PAYNE
Lt Colonel, USAF
DCS/Foreign Technology

3 Atch
1. RCA Data Processing Test No. 3212 (S)
Cy 1 of 1, MT 61-38681
2. MTER Memo, undtd, (S), Cy 1 of 1,
MT 61-36791
3. MTER Memo, undtd, (U),

Classification Cancelled
(or changed to UNCLASSIFIED
Auth. Director NTDP
By A. Quintanilla
Date 29 MAY 1969
AFR 205-1, Par 2-17a
25 Jan 68

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

When Inclosure(s) are withdrawn or not attached the classification of this correspondence will be downgraded to UNCLS in accordance with Par. 13, AFR 205-1.

MT 61-63532

UNCLASSIFIED

[redacted]

JOINT MESSAGEFORM

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

Classification Cancelled (or changed to) UNCLASSIFIED
Auth. Director IDP
By [illegible]
Date 9 MAY 1989 AFR 205-1, Par 2-47a 2 Jan 68

5848

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
	BOOK	MULTI	SINGLE			
ACTION OPER IMMED		X		AF		
INFO						

FROM:
FTD, W-PAFB 17X

TO:
AFMTC (For Deputy Foreign Technology) Patrick RJEXFQT

INFO: AFSC (For SCF Gen Watson) Andrews RJEZFF
AFCIN (For Gen Breitweiser) WashDC RJEZHQ
DCAS (For Gen Estes) Inglewood Calif RJWZNF

Reference AFMTC message [redacted] TD-G 16-9-321 61-39, 15 Sep 61 a[redacted]

[redacted] Message in two parts.

Part I.

1. Radar, optical and other sensor readings of Titan missile from all positions on AMR at time of reported incident, immediately preceeding reported incident and immediately after reported incident.

2. Azimuth of launch trajectory.

3. Burnout time of missile.

4. Angle of evelation and azimuth of line of site of camera at time incident observed.

5. Angle observed incident crossed camera field of view.

6. Basis of established geographical coordinates in Cuba.

SPECIAL INSTRUCTIONS

RJEZHQ
RJEZFF
ENCODED
Initials
Time 16/1909
Checked By R

NF
ENCODED
Initials
Time 16/1917
Checked By R

RJEXFQT
ENCODED
Initials
Time 16/1930
Checked By R

DATE	TIME
16	1750Z
MONTH	YEAR
SEP	1961

[redacted]

WRITER

SYMBOL TD-G

SIGNATURE

TYPED NAME AND TITLE (Signature, if required) RICHARD T. CARLISLE Col.

PHONE | PAGE NR. | NR. OF PAGES

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

RELEASER

TYPED (or stamped) NAME AND TITLE

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10

DD FORM 1 MAY 55 175 REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

1340

Item 02

MTER

Att: T. J. Obst

Information on Sensors That Were Tracking Missile at Second Stage Burnout.

Sensor	Type	Field of View or Beam Width
Azusa MK II		4°
BC 3.C	BC-4 Camera	32°
BC 4.1	BC-4 Camera	32°
Radar 1p.16	FPS-16 Radar	1.2°
Radar 3.16	FPS-16 Radar	1.2°

The FPS-16 radars acquired data but it was very erratic at second stage burnout.

[redacted]

UNCLASSIFIED

Z Hw. 10:30 Sept 17, 1961

1961 SEP 17 06 03

SQB 567

ADB 198FQB899

OO RJEDSQ

DE RJEXFQT 153C

O 170330Z

FM AFMTC PATRICK AFB FLA

TO RJEDSQ/FTD WPAFB OHIO

INFO ZEN/AFSC ANDREWS AFB MD

ZEN/HQ USAF WASH DC

RJWBFK/DCAS INGLEWOOD CALIF

BT

OPERATIONAL IMMEDIATE

Classification Cancelled (or changed to UNCLASSIFIED)
Auth. Director TDP
By [illegible]
Date 9 MAY 1969
AFR 2054 Par 2-17a
2 Jan 68

[redacted] MTW-16-9-40. FTD FOR TD-G, AFSC FOR SCF GEN WATSON, HQ USAF FOR AFCIN GEN BREITWEISER, DCAS FOR GEN ESTES.

REF SECRET MSG TD-G 16-9-321. REPLYING TO PART I,

QUESTION 1: NEGATIVE OBSERVATIONS OF UNKNOWN OBJECT BY RADAR, OPTICAL OR OTHER RANGE INSTRUMENTATION. CONSIDERABLE RANGE DOCUMENTARY FILM STILL BEING ANALYZED FOR POSSIBLE CONFIRMING INDICATION.

QUEETION 2: FLIGHT AZIMUTH 105.5 DEGREES.

QUESTION 3: SUSTAINER ENGINE BURNOUT TIME APPROXIMATELY 0137:10Z 8 SEP 1961. ?

QUESTION 4: NO ELEVATIONSAND AZIMUTH DATA ON THIS PARTICULAR CAMERA.

[redacted]

PAGE TWO RJEXFQT 153C

WE WILL OBTAIN THIS DATA FROM A TRACKING CAMERA POSITION APPROX ONE

7. Did trackers report incident immediately when it happened or after film developed?

8. Were any observations of incident reported from ships at sea? If so please furnish details, including ship locations.

9. Any hard facts or evidence to support "possible explanations" reached in part III of referenced message.

Part II. The following comments are offered regarding the possibilities broached: (1) that this was an IRBM. The timing coincidence coupled with the U.S. countdown, the geometric relationship, and the estimated characteristics of Soviet MRBM/IRBM propulsion systems strongly argue against this possibility. (2) That this was an ABM. Able: This would have to be water-borne and this is unlikely in this time period considering the present Soviet land-based capability. Baker: The technique of interception during ballistic missile launch and check-out [redacted] is not believed under development. Charley: The best estimates of a Soviet ABM capability are in the 63-64 time period. This would mean that the Soviets have a 3-5 year lead on the best estimated capability, presuming such a weapon is being field-tested under the described conditions. Regarding the other three possibilities, they may not be derived on the basis of data available here, therefore we do not consider comments appropriate.

SCP-3 DOWNGRADED AT [illegible] INTERVALS; [illegible] YEARS.

UNCLASSIFIED

LIGHT SOURCE EMANATING FROM THE IONIZATION CLOUD OF THE ATLAS-(AGENA AND FLY AT HIGH SPEED APPROXIMATELY OVERHEAD WITH AN AZIMUTH OF APPROXIMATELY 29½ DEGREES. (D) MATHEMATICAL CALCULATIONS POSITIVELY INDICATE THE GREAT IMPROBABILITY OF OBSERVING AN AIR-CRAFT AT OR BELOW ANY NORMAL JET AIRCRAFT ALTITUDE SINCE THESE CALCULATIONS SHOW THAT AN AIRCRAFT AT 35,ØØØ FT WOULD HAVE TO BE GOING ONLY 115 MPH IN ORDER TO CROSS THE TELESCOPIC FIELD IN SLIG TLY UNDER 4 SECONDS AND AN AIRCRAFT AT LOWER ALTITUDE WOULD OF NECESSITY BE GOING PROPORTIONATELY SLOWER. AN AIRCRAFT OPERATING IN THE NORMAL SPEED RANGES OF JET AIRCRAFTHWOULD BE FLYING WELL ABOVE THE OPERATING ALTITUDES OF ANY KNOWN AIRCRAFT IN ORDER TO HAVE BEEN PHOTOGRAPHED AS THIS OCCURRENCE. REF PART II YOUR MSG: IT IS BELIEED LOGICAL TO CONSIDER THESPOSSIBLITY OF A SUBMARINE LAUNCHED BALLISTIC MISSLE.

PAGE FOUR RJEXFQT1ɔɔC

END OF COMMENTS TO BASIC MESSAGE. LT COLONEL JAMES O PAYNE, DCS/FOREIGN TECHNOLOGY, WILL HANDCARRY THE 35 MM MOTION PICTURE FILM SHOWING THIS OCCURRENCE WITH PHOTOGRAPHS OF INDIVIDUAL FRAMES TØ HQ AFSC ON TUESDAY 1ɔ SEP AND FTD WEDNESDAY 2Ø SEP. IT IS REQUESTED THAT APPROPRIATE PROJECTOR BE AVAILABLE FOR REVIEW AND EXPLANATION OF THE FILM. THE COMMANDER AFMTC GENERAL DAVIS REVIEWED THE MOTION PICTURE FILM AND PHOTOGRAPHS AND APPROVED FOR RELEASE THE BASIC TOP SECRET MESSAGE ɔ1-39 FROM THIS CENTER. SCP-1

BT

1//ØØ359Z SEP GJEXFQT

UNCLASSIFIED

[redacted]

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

QUESTION 5: RISING 28 DEGREES TO THE LEFT OF VERTICAL.

QUESTION 6: THE REFERENCED GEOGRAPHICAL COORDINATES IN CUBA BASED UPON INFORMATION CON TRAINED IOG 8, : (1) MSG FM COMNAVBASE GTMO DTG 241916Z 1961 INDICATING POSSIBLE "MYSTERY BASE" IN AREA NEAR COORDINATES 20-25N 75-33W. (2) FBI MEMO DTD 20 JUL 1961 INDICATING A LAUNCH PAD IN VICINITY OF SAN RAFAEL. CUBA. (3) UFO RPT FM COMNAVBASE GTMO DTG 242139Z 1961 DISCUSSING UFO SEEN AT 231005Z WHICH APPEARED TO COME FROM THE GENERAL DIRECTION OF THE SUSPECT AREA AND DISAPPEARED TO THE NORTH WITH CHARACTERISTICS VERY SIMILAR TO A MEDIUM RANGE MISSLE.

QUESTION7: IMMEDIATELY. OPTICAL TRACKERS REPORTED INCIDENT IMMDIATELY DURING TRACKING. MR [redacted] GEN MGR RCA PAFB PERSONALLY OBSERVED THE TELEVISION MONITOR DURING THE OCCURRENCE. MR [redacted] REPORTED THE OCCURRENCE TO COL PAYNE DCS/FOREIGN TECHNOLOGY FIRST THING NEXT MORNING. FOREIGN TECHNOLOGY PERSONNEL INTERVIEWED OPTICAL TRACKERS FOLLOWING DAY OF OCCURRENCE AND BEFORE FILM WAS DEVELOPED.

QUESTION8: NEGATIVE REPORTS FROM SHIPS AT SEA.

QUESTION9: HARD FACTS ARE (A) ANALYSIS OF THE FILM AND A PHOTOGRAPH

OF EACH OF THE 100 FRAMES OF THE FILM CONSISTENTLY SHOW A POSITIVE LIGHT SOURCE. (B) THE OCCURRENCE OF THIS OBJECT CROSYING THE LINE OF SIGHT OF OPTICAL TRACKERS CONFIRMS THAT SOME OBJECT WAS ACTUALLY OBSERVED. (C) A SIMILAR OCCURRENCE WAS OBSERVED WITHIN 5 MINUTES AFTER LAUNCH OF THE NASA ATLAS-AGENA RANGER TEST AT 1004Z 23 AUG 1961..THIS OCCURRENCE WAS OBSERVED BY 2 QUALIFIED MAJORS, 1 ...