

PROJECT 10073 RECORD CARD

1. DATE 7 Sep 61		2. LOCATION Cape Canaveral, Florida		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☒ Was Astronomical (S/P) ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 080137Z		4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Military			
7. LENGTH OF OBSERVATION 4 sec		8. NUMBER OF OBJECTS 1		9. COURSE Vertically	
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)

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



UNCLASSIFIED

28 September 1961

REPLY TO
ATTN OF:

MTW

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 *Sean C. Bridgeman 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)

Auth.

By

Date

UNCLASSIFIED

DP
90 MAY 1969

AFR 205-1, Par 2-17a
25 Jan 68

DOWNGRADED AT 5 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5100.10

When Inclosure(s) are withdrawn or not attached the classification of this correspondence will be downgraded to *UNCLAS* in accordance with Par. 13, AFR 205-1.

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MT 61-63532

JOINT MESSAGEFORM				SECURITY CLASSIFICATION UNCLASSIFIED			
SPACE BELOW RESERVED FOR COMMUNICATION CENTER							
Classification Canceled, (or changed to) UNCLASSIFIED Auth. <i>Director IDP</i> By <i>1/1/71</i> Date <i>8 MAY 1989</i> <i>AFR 2051, Para 2-17a 2 Jan 68</i>				5848			
PRECEDENCE		TYPE MSG (Check)		ACCOUNTING SYMBOL		ORIG. OR REFERS TO	
ACTION OPER IMMED		BOOK ☐ MULTI ☒ SINGLE ☐		AF			
FROM: FTD, W-PAFB				SPECIAL INSTRUCTIONS			
TO: AFMTC (For Deputy Foreign Technology) <i>Patrick RJEFFQT</i>				<i>17X</i> <i>RJEZH4</i> <i>RJEZFF</i> ENCODED Initials <i>[Signature]</i> Time <i>16/1909</i> Checked By <i>R</i>			
INFO: AFSC (For SCF Gen Watson) <i>Andrews</i> AFCIN (For Gen Breitweiser) <i>Wash DC</i> DCAS (For Gen Estes) <i>Inglewood Calif</i> <i>TD-G 16-9-321</i> Reference AFMTC message <i>[Redacted]</i> 61-39, 15 Sep 61 a <i>[Redacted]</i> <i>[Redacted]</i> 1-152, <i>[Redacted]</i> . Message in two parts.				<i>NF</i> ENCODED Initials <i>[Signature]</i> Time <i>16/1917</i> Checked By <i>R</i>			
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.				<i>RJEFFQT</i> ENCODED Initials <i>[Signature]</i> Time <i>16/1930</i> Checked By <i>R</i>			
DATE		TIME		MONTH		YEAR	
16		1750Z		SEP		1961	
SYMBOL <i>TD-G</i>				SIGNATURE <i>[Signature]</i>			
TYPED NAME AND TITLE (Signature, if required) <i>RICHARD T. CARLISLE Col.</i>				TYPED (or stamped) NAME AND TITLE 			
PHONE		PAGE NR.		NR. OF PAGES		RELEASER	
SECURITY CLASSIFICATION		UNCLASSIFIED		DECLASSIFIED AT 2 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIB 3300.10			

DD FORM 1 MAY 55 173

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

1340

Item 02

MTER

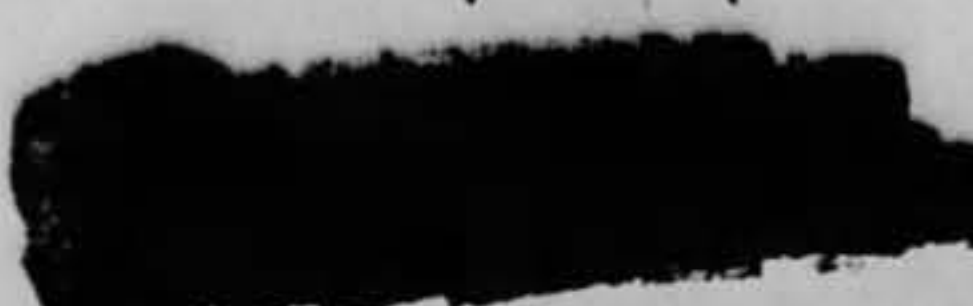
Att: T. J. Obst

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

<u>Sensor</u>	<u>Type</u>	<u>Field of View or Beam Width</u>
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.

ated 3


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1961 SEP 17 06 03

EHW
10:30
Sept 17, 1961

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)

Auth. *Director*

By *W. C. ...*

Date *9 MAY 1969*

AFR 2054 Jan 2-17a

2 Jan 68

UNCLASSIFIED

 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.

QUESTION 2: FLIGHT AZIMUTH 105.5 DEGREES.

QUESTION 3: SUSTAINER ENGINE BURNOUT TIME APPROXIMATELY 0137:10Z

8 SEP 1961.

QUESTION 4: NO ELEVATIONS AND AZIMUTH DATA ON THIS PARTICULAR CAMERA.

PAGE TWO RJEXFQT 153C

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

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION

FROM:

FTD

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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 ~~XXXXX~~ 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 2 YEAR INTERVALS:

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SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION	INITIALS
	2	2		

DD FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1955-455

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 35,000 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 AIRCRAFT WOULD 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 THE POSSIBILITY OF A SUBMARINE LAUNCHED BALLISTIC MISSLE.

PAGE FOUR RJEXFQT153C

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 TO
HQ AFSC ON TUESDAY 19 SEP AND FTD WEDNESDAY 20 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 61-39 FROM THIS CENTER. SCP-1

BT

11/2359Z SEP GJEXFQT

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

QUESTION 6: THE REFERENCED GEOGRAPHICAL COORDINATES IN CUBA BASED UPON INFORMATION CONTAINED IOG 8, : (1) MSG FM COMNAVBASE GTMO DTG 041916Z 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 MISSILE.

QUESTION 7: IMMEDIATELY. OPTICAL TRACKERS REPORTED INCIDENT IMMEDIATELY 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.

QUESTION 8: NEGATIVE REPORTS FROM SHIPS AT SEA.

QUESTION 9: HARD FACTS ARE (A) ANALYSIS OF THE FILM AND A PHOTOGRAPH

PAGE THREE RJEXFQT 153C

OF EACH OF THE 100 FRAMES OF THE FILM CONSISTENTLY SHOW A POSITIVE LIGHT SOURCE. (B) THE OCCURRENCE OF THIS OBJECT CROSSING 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 1204Z 23 AUG 1961. THIS OCCURRENCE WAS OBSERVED BY 2 QUALIFIED MAJORS, 1

(When filled in)

NAVAL MESSAGE

NAVY DEPARTMENT

PRECEDENCE	(ACTION)	RELEASED BY	DRAFTED BY	EXT. NO.
OPERATIONAL IMMEDIATE	OPERATIONAL IMMEDIATE	UNCLASSIFIED		
OPERATIONAL IMMEDIATE				

AF IN : 195 (18 Sep 61) F/jhs
TO 180739Z

FM COMNAVXASE GTMO

TO COMDR AFMTC PATRICK AFB

INFO CNO

Classification Cancelled
(or changed to) UNCLASSIFIED
Auth. *Director JCP*
By *H. J. [Signature]*
Date. 29 MAY 1969
AFR 2051, Para 2-17a
2 Jan 68

ATTENTION MTW

A. YOUR 180300Z

1. NO PREVIOUS ORISUBSEQUENT UFO SIGHTING AND NOTHING
REPORTED LOCALLY DURING TIME PERIOD MENTIONED REF (A).N

SCP-4

AF DIST:
CIN-14
OOP-2
OOP-CP-1
SAFS-3
(20)

ADVANCED COPIES DLVD

92.....COG

SECNAV..00..09..09B..09D..03..33..34..35..05..06..07..94..72..IP
JCS..CSA..CSAF..CMC..COGARD..CIA..NIC..NAVAIDE..BFR..FLAGPLOT

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DOD DIR 5800.10

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CONTROL NO.	CIRCUIT NO.	PAGE OF PAGES	TIME OF RECEIPT	DATE TIME GROUP
08647/L/WF/2	EPB078	1 UNCLASSIFIED	180817Z SEP 61	180739Z SEP 61

JOINT MESSAGEFORM

SECURITY CLASSIFICATION

UNCLASSIFIED

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15 NOV 61 15 49z

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ENCODED D-EInitials *soj*
Time *15/1700Z* *8XC*

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

FROM:

FTD WPAFB O

TO:

AFMTC PATRICK AFB FLA

INFO: AFSC ANDREWS AFB MD *QJEF*COFS USAF WASH DC *QJEFHQ*DCAS INGLEWOOD CALIF *QJWZBK*Classification Cancelled
(or changed to)
Auth. *Director AFMTC*
By *Johnston*
Date *15 MAY 1968**AFR 205-4 Para 2-4.2
2 Jan 68*

UNCLASSIFIED

TD-E

INFO:

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 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 PISCUM, 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

DATE *15* TIME *1031*
MONTH NOV YEAR 1961

WRITER	SYMBOL	TD-E	Page	1	of	4	SIGNATURE	<i>Edward H. Wynn</i>
	TYPED NAME AND TITLE (Signature required)	Major Robert J. Friend					TYPED (or stamped) NAME AND TITLE	EDWARD H. WYNN
	PHONE	69216	PAGE NR.	1	NR. OF PAGES	2		Colonel, USAF
	SECURITY CLASSIFICATION							Dep/Science & Components

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DD FORM 173

REPLACES DD FORM 173, 1 MAY 55

JOINT MESSAGEFORM

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ACTION OPS IMMEDIATE	BOOK MULTI SINGLE	AF	61-39	
INFO	X			

FROM:

CMBR FID AFSC WPAFB OHIO

TO:

AFMTC PATRICK AFB FLA

INFO:

AFSC ANDREWS AFB MD

COFS USAF WASH DC

DCAS INGLEWOOD CALIF

SPECIAL INSTRUCTIONS

74273

Classification Cancelled

(or changed to)

Auth.

By

Date

AFR 205-1, Par 2-172

2 Jan 68

FROM TD-E14

19-9-390

AFMTC FOR

GENERAL DAVIS, AFSC FOR GENERAL WATSON, COFS FOR AFMTC GENERAL BREITWEISER, DCAS FOR GENERAL ESTES. REFERENCE AFMTC TOP SECRET MSG CITE 61-39 DTD 13 SEPT 61 AND YOUR SECRET CITE MHW 16-9-40 DTD 17 SEPT 61. THE FOLLOWING INITIAL FID ANALYSIS IS FORWARDED IN THREE PARTS.

PART I: BASED ON FACT THAT "BOGIE" IMAGE WAS SEEN ONLY BY BU KIN 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 CANIS MAJOR, IN SUPPORT OF THIS

Page 1 of 2 Pages
Cy of Cys

DATE	TIME
19 MONTH	1515 YEAR
SEPT	1961

SYMBOL

TD-E14

TYPED NAME AND TITLE (Signature, if required)

Maj. P.M. Harrison/alh

PHONE

74236

PAGE

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1

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2

SECURITY CLASSIFICATION

SIGNATURE

TYPED (or stamped) NAME AND TITLE

308

EDWARD H. WYNN

COLONEL, USAF

DEPUTY FOR SCIENCE & COMPONENTS

FORM 173
(MAY 58)

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

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION

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 $1/4^\circ$ AND THE ANGULAR VELOCITY OF THE TELESCOPE IN THE VERTICAL PLANE AT THE TIME OF THE SIGHTING WAS APPROXIMATELY $.09^\circ$ 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 COINCIDENT 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*

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TD-E

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2

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2

SECURITY CLASSIFICATION

INITIALS

rjf

DD FORM 173-1
MAY 55

U. S. GOVERNMENT PRINTING OFFICE: 1958 - 469084

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION

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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/AMR.
- 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 of Cys

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SYMBOL	PAGE NR	NR OF PAGES	SECURITY	INITIALS
TD-E1d	2	2		

DD FORM 173-1
MAY 55

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(7 Sept 1961 (CAP- CANAVERAL))

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147-2-21
ELECTRONICS DIVISION

Office of Record

JOINT MESSAGEFORM

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5918

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

FROM:

CMDR FTD AFSC WPAFB OHIO

TO:

NORAD ENT AFB COLORADO

RJW/FAL

FROM FTD-E1d

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]

Classification Cancelled
(or changed to)

Auth. *[Signature]*

Date *[Signature]*

79 MAY 1969

AFR 205-1, Par 2-17a
2 Jan 68

Page 1 of 1 Pages
Cy 1 of 3 Cys

DATE 19 1333
MONTH YEAR
SEPT 1961

SYMBOL	TD-E1d	SIGNATURE	02
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
SECURITY CLASSIFICATION	UNCLASSIFIED	NR. OF PAGES	1

DD FORM 173

REPLACES DD FORM 173, 1 MAY 55
DECLASSIFIED: NOT AUTOMATICALLY
DOD DIR 5200.10

JOINT MESSAGEFORM-CONT. JATION SHEET

SECURITY CLASSIFICATION

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. SCP-3 (2)

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Page 2 of 2 Pages
Cy 1 of 3 Cys

SYMBOL

TD-E

PAGE

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2

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PAGES

2

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INITIALS

rjf

DD FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1955-438284

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.

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12 YEARS
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Auth. *[Signature]*
By *[Signature]*
Date *19 MAY 1969*
AFR 2051, Par 2-17a
2 Jan 68

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