

PROJECT 10073 RECORD CARD

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

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
James O. Payne
Lt Colonel, USAF
DCS/Foreign Technology

Bear Budgeman Capt
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. *Davidson DP*

By *A. J. ...*

Date *90 MAY 1969*

AFR 205-1, Par 2-17a

25 Jun 68

DOWNGRADED AT 5 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When Inclosure(s) are withdrawn or not attached the classification of this correspondence will be downgraded to *UNCLAS* in accordance with Par. 13, AFR 205-1.

UNCLASSIFIED

MT 61-63532

JOINT MESSAGEFORM

SECURITY CLASSIFICATION

UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

Classification Canceled,
(or changed to)

Auth. *Director D.P.*
By *[Signature]*
Date *8 MAY 1989*

UNCLASSIFIED

5848

AFR 2051, Para 2-17a 2 Jan 68

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

FROM: FTD, W-PAFB 17X

TO: AFMTC (For Deputy Foreign Technology) *Patrick RJEFFQT*

INFO: AFSC (For SCF Gen Watson) *Andrews RJEZFFH4*
 AFCIN (For Gen Breitweiser) *Wash DC RJEZHH4*
 DCAS (For Gen Estes) *Inglewood Calif RJWZNF*
TD-G 16-9-321
 Reference AFMTC message *[Redacted]* 61-39, 15 Sep 61 a *[Redacted]*

SPECIAL INSTRUCTIONS

RJEZHH4
RJEZFF
ENCODED
Initials *[Signature]*
Time *16/1909*
Checked By *R*

NF
ENCODED
Initials *[Signature]*
Time *16/1917*
Checked By *R*

RJEFFQT
ENCODED
Initials *[Signature]*
Time *16/1930*
Checked By *R*

[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 preceding reported incident and immediately after reported incident.
2. Azimuth of launch trajectory.
3. Burnout time of missile.
4. Angle of elevation 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.

DATE	TIME
16	1750Z
MONTH	YEAR
SEP	1961

SYMBOL <i>TD-G</i>		SIGNATURE <i>[Redacted]</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	
SECURITY CLASSIFICATION <i>[Redacted]</i> UNCLASSIFIED		DOWNGRADED AT 1 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 3080.10	

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

[REDACTED]

UNCLASSIFIED

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) UNCLASSIFIED
Auth. *Director*
By *[Signature]*
Date 9 MAY 1969
AFR 2054 Jan 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.

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

[REDACTED]

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION

FROM:

FTD

UNCLASSIFIED

- 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:

UNCLASSIFIED

SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION	INITIALS
[REDACTED]	2	2	[REDACTED]	

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 SLIGHTLY
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 BELIEVED LOGICAL TO
CONSIDER THE POSSIBILITY OF A SUBMARINE LAUNCHED BALLISTIC MISSILE.

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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DECLASSIFIED AFTER 12 YEARS.
DOD LMR 5800.10

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

AF IN : 195 (18 Sep 61) F/jhs
 TO 180739Z
 FM COMNAVXASE GTMO
 TO COMDR AFMTC PATRICK AFB
 INFO CNO

D

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

-/ [REDACTED] /

ATTENTION MTW

A. YOUR 180300Z

1. NO PREVIOUS OR ISUBSEQUENT 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	18/0817Z SEP 61	180739Z SEP 61

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SPACE BELOW RESERVED FOR COMMUNICATION CENTER

15 Nov 61 15 49z

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ENCODED D-E

Initials *soj*
Time *15/1700z* *8XC*

25X

PRECEDENCE		TYPE MSG (Check)			ACCOUNTING SYMBOL	CHECKED BY	CLASSIFICATION OF REFERENCE
ACTION	ROUTINE	BOOK	MULTI	SINGLE			
INFO	ROUTINE				AF	TD-Eld 19-9-390	

FROM: SPECIAL INSTRUCTIONS

FTD WPAFB O

TO: AFMTC PATRICK AFB FLA *RJESNO*

INFO: AFSC ANDREWS AFB MD *QJEZFF*

COFS USAF WASH DC *QJEZHQ*

DCAS INGLEWOOD CALIF *RJWZBK*

Classification Cancelled
(or changed to) **UNCLASSIFIED**
Auth. *Director AFMTC*
By *Quintanilla*
Date *18 MAY 1999*
AFR 205-4 Pa 2-7-70
2 Jan 68

15-11-282 TD-E 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 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

151531Z

DATE	<i>15</i>	TIME	<i>1031</i>
MONTH	NOV	YEAR	1961

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

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JOINT MESSAGEFORM

SECURITY CLASSIFICATION

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

FROM: **CDR FID 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)
Auth. *Director TOP*
By *A. J. ...*
Date *2 MAY 1959*

AFR 205-1, Para 2-17c
2 Jan 68

FROM TD-814 19-9-390 . AFMTC FOR
GENERAL DAVIS, AFSC FOR GENERAL WATSON, COFS FOR AFMTC GENERAL
REITWEISER, DCAS FOR GENERAL ESTES. REFERENCE AFMTC TOP SECRET
MSG CITE 61-39 BTD 15 SEPT61 AND YOUR SECRET CITE MHW 16-9-40 BTD
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
THE 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 CANBA PISCUM. IN SUPPORT OF THIS

Page 1 of 2 Pages
Cy of Cys

DATE	TIME
19	1515
MONTH	YEAR
SEPT	1961

SYMBOL	SIGNATURE	
TD-814		
TYPED NAME AND TITLE (Signature, if required)	TYPED (or stamped) NAME AND TITLE	
Maj. P.V. Erickson/alb	EDWARD H. WYNE	
PHONE 74236	COLONEL, USAF	
PAGE NR. 1	DEPUTY FOR SCIENCE & COMPONENTS	
HR. OF PAGES 2		

7D-E Read File

UNCLASSIFIED

FROM

FTD WPAFB O

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.

3

SCP 3

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UNCLASSIFIED

SYMBOL TD-E	PAGE NR 2	NR OF PAGES 2	SECURITY CLASSIFICATION UNCLASSIFIED	INITIALS rjf
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JOINT MESSAGEFORM

SECURITY CLASSIFICATION

UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

20 OCT 61 14 40z

ENCODED

Initials *JA*
Time *20/60/77*
Checked By *JA*

4xc

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	
INFO						

FROM: FTD WPAFB O

SPECIAL INSTRUCTIONS

TO: CNO WASH DC *R BEPLR*

Classification Cancelled
(or changed to) **UNCLASSIFIED**
Auth. *Director JCS*
By *A. G. ...*
Date *09 MAY 1969*
AFR 2051, par 2-17a
2 Jan 68

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 PISCUM; 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

201441Z

THE EVALUATION: A. COMPLETE MISSILE TRAJECTORY DATA AS CONTAINED IN "DATA REDUCTION REPORTS" PREPARED BY RCA/AMR. B. ACCURATE GEOGRAPHIC

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

SIGNATURE
Edward H. Wynn

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

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/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

UNCLASSIFIED

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

(7 Sept 1961 (CAF - Canaveral))

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ELECTRONICS DIVISION

Office of Record

JOINT MESSAGEFORM

SECURITY CLASSIFICATION

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

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 Canceled (or changed to)

Auth. *[Signature]*
Date 9 MAY 1969

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

ENCODED

Initials *[Signature]*
Time 20040
Checked By *[Signature]*

UNCLASSIFIED

Page 1 of 1 Pages
Cy 1 of 3 Cys

DATE	TIME
19	1333
MONTH	YEAR
SEPT	1961

SYMBOL	TD-E1d	SIGNATURE	<i>[Signature]</i>
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

DOWNGRADED AT 12 YEAR INTERVALS; NOT

DECLASSIFIED

REPLACES DD FORM 173, 1 MAY 55

DD FORM 173

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

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

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 (rf)

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Page 2 of 2 Pages
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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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