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)

JOINT MESSAGEFORM

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

15Nov61 1549z

OFFICIAL FILE COPY

ENCODED TD-E

Initials bo

Time 15 1702Z 8XC

2EX

PRECEDENCE		TYPE MSG (Check)			ACCOUNTING SYMBOL	OPERATIONAL PRECEDENCE	CLASSIFICATION OF REFERENCE
		BOOK	MULTI	SINGLE			
ACTION	ROUTINE				AF	61-39, MIW 16-9-40 TD-E1d 19-9-390	TS, S, S
INFO	ROUTINE						

FROM:

FTD WPAFB O

TO:
AFMTC PATRICK AFB FLA RJESNO

INFO: AFSC ANDREWS AFB MD RJEZFF

COFS USAF WASH DC RJEZHQ

DCAS INGLEWOOD CALIF RJWZBK

Classification Cancelled (or changed to UNCLASSIFIED
Auth. Director DCAS
By [illegible]
Date 26 MAY 1965
AFR 205-4 Par 2-4a
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-E1d 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

SPECIAL INSTRUCTIONS

1515Z17

DATE 14 15 TIME 1031

MONTH NOV YEAR 1961

WRITER

SYMBOL TD-E Page 1 of 4

TYPED NAME AND TITLE (Classification is Required) Major Robert J. Friend

PHONE 69216 PAGE NR. 1 NR. OF PAGES 2

SECURITY CLASSIFICATION [redacted]

RELEASER

Pages 1 thru 4

SIGNATURE Nicholas P-T

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

[redacted]

DD FORM 1 MAY 55 173 REPLACES DD FORM 173, OCT 48, WHICH WILL BE USED UNTIL EXHAUSTED

JOINT MESSAGEFORM

SECURITY CLASSIFICATION: UNCLASSIFIED [redacted]

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

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

FROM: CDDR 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 DIP
By [redacted]
Date 9 MAR 1969
AFR 205-1, Par 2-17c
2 Jan 68

TD-E Read File

[redacted] FROM TD-E1d 19-9-390. AFMTC FOR GENERAL DAVIS, AFSC FOR GENERAL WATSON, COFS FOR AFCIN GENERAL ANHEUSER, DCAS FOR GENERAL ESTES. REFERENCE AFMTC TOP SECRET MSG CITE 61-39 DTD 15 SEPT61 AND YOUR SECRET CITE MIW 16-9-40 DTD 17 SEPT 61. THE FOLLOWING INITIAL FTD ANALYSIS IS FURNISHED IN THREE PARTS.

PART I: BASED ON FACT THAT "BOGIE" IMAGE WAS SEEN ONLY BY BU KHK 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

SYMBOL	SIGNATURE
TD-E1d	
TYPED NAME AND TITLE (Signature, if required)	TYPED (or stamped) NAME AND TITLE
Maj. P.J. Carrickson/alb	
PHONE 74236 / PAGE NR. 1 / NR. OF PAGES 2	

RELEASER

JOH EDWARD H. WYNN
COLONEL, USAF
DEPUTY FOR SCIENCE & COMPONENTS

SECURITY CLASSIFICATION
UNCLASSIFIED
[redacted]

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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]

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° 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 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

3

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INTERVALS; NOT AUTOMATICALLY
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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 -469064

[redacted]

JOINT MESSAGEFORM

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

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20Oct61 1448Z

ENCODED Initials GW Time 251607Z Checked By [illegible]

4xc

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

FROM:
FTD WPAFB O

SPECIAL INSTRUCTIONS

TO:
CNO WASH DC RBEPLR

[redacted]D-E 20-10-357

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

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

20144Z

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 [redacted]

RELEASER

SIGNATURE: [signature]

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

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 [redacted] 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-R1_____

TD-F_____

Page 2 of 2 Pages
Cy ___ of ___ Cys

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SYMBOL	PAGE NR	NR OF PAGES	SECURITY [redacted]	INITIALS
TD-R1d	2	2		

DD FORM 1 MAY 55 173-1

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(7 Sept 1961 CAPE CANAVERAL)

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1967-2-21
ELECTRONICS DIVISION
Office of Record

JOINT MESSAGEFORM

SECURITY [redacted] ON

UNCLASSIFIED

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5918

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

FROM: CMDR FTD AFSC WPAFB OHIO

58

TO: NORAD ENT AFB COLORADO RJWFAL

SPECIAL INSTRUCTIONS

HQS
JWFAL

ENCODED
Initials RT
Time 2001Z
Checked By

[redacted] 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) UNCLASSIFIED
Auth. Director IDP
By [signature]
Date 15 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~~ 1332Z
MONTH	YEAR
SEPT	1961

[redacted]

WRITER

SYMBOL: TD-E1d

1961 SEP 20 00 02

TYPED NAME AND TITLE (Signature, if required)
Maj. P.N. Keriakou/s1h

PHONE 74236 | PAGE NR. 1 | NR. OF PAGES 1

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

RELEASER

SIGNATURE

TYPED (or stamped) NAME AND TITLE
EDWARD H. WYNN
COLONEL USAF
DEPUTY FOR SCIENCE & COMPONENTS

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DD FORM 1 MAY 55 173 REPLACES AF FORM 49, WHICH MAY 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. SCP-3 (Paul)

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Page 2 of 2 Pages
Cy 1 of 3 Cys

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: 1958-438284

[redacted]

UNCLASSIFIED

MTER

ATT: T. J. Obst

[redacted]

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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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

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 Gear C Budgeman 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 USDP
By A. Contevillo
Date 28 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 UNCLAS in accordance with Par. 13, AFR 205-1.

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MT 61-63532

[redacted]

JOINT MESSAGEFORM

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

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Classification Cancelled
(or changed to UNCLASSIFIED
Auth. Director IDP
By
Date 31 MAY 1989 AFR 205-1, Par 2-17a 2Jan 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) Wash DC RJEZHQ
DCAS (For Gen Estes) Inglewood Calif RJWZNF

[redacted] TD-G 16-9-321

Reference AFMTC message [redacted] 61-39, 15 Sep 61 a[redacted]

[redacted] 1152, [redacted] 61. 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 16/1909Z
Checked By R

NF
ENCODED
Initials
Time 16/1917Z
Checked By R

RJEXFQT
ENCODED
Initials
Time 16/1930Z
Checked By R

DATE	TIME
16	1750Z
MONTH	YEAR
SEP	1961

[redacted]

WRITER

SYMBOL TD-G 1961 SEP 16 18 01

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

PHONE | PAGE NR. | NR. OF PAGES

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

RELEASER

SIGNATURE

TYPED (or stamped) NAME AND TITLE

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

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.

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.

Otek 3

[redacted]

UNCLASSIFIED

1961 SEP 17 06 03

Encl. 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. Directive DoD
By [redacted]
Date 8 MAY 1969
DFR 2054 Par 2-17a
DJan 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]

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

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION [redacted] UNCLASSIFIED

FROM:

FTD

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; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10 JB [redacted]

UNCLASSIFIED

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

DD FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1958-458

LIGHT SOURCE EMANATING FROM THE IONIZATION CLOUD OF THE ATLAS-C AGENA AND FLY AT HIGH SPEED APPROXIMATELY OVERHEAD WITH AN AZIMUTH OF APPROXIMATELY 29Ø 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.

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 19 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 Ø1-39 FROM THIS CENTER. SCP-1

BT

1//Ø359Z 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 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 242159Z 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 . . . .

(When filled in)

NAVAL MESSAGE

[redacted]

NAVY DEPARTMENT

PRECEDENCE (ACTION)	RELEASED BY	DRAFTED BY	EXT. NO.
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 DP
By L. Quinteiro
Date. 09 MAY 1969
AFR 205-1, Par 2-17 a
2 Jan 68

-1 [redacted] 1

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

DOWNGRADED AT 2 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

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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

[redacted]

PROJECT 10073 RECORD CARD

1. DATE
7 Sep 61

2. LOCATION
Dayton, Ohio

3. DATE-TIME GROUP
Local 2200
GMT 080300Z

4. TYPE OF OBSERVATION
☒ Ground-Visual ☐ Ground-Radar
☐ Air-Visual ☐ Air-Intercept Radar

5. PHOTOS
☐ Yes
☒ No

6. SOURCE
Civilian

7. LENGTH OF OBSERVATION
1st not given
2nd 15-20 ~~xx~~ min

8. NUMBER OF OBJECTS
1 ea

9. COURSE
1st NNE
2nd Random

10. BRIEF SUMMARY OF SIGHTING Objt looked like light on a/c, flash, etc., however appeared to have random movement and stand still. Changed color fm green to white to red. 2 sightings. 1st traveled NNE; wnd going W and sinking motion, slow like balloon in air currents.

11. COMMENTS Fm description of observer 1st objt with red and green blinking lights was undoubtedly and a/c. Second sighting with random movement and a white light was probably a balloon.

12. CONCLUSIONS
1. ☐ Was Balloon ☒ Probably Balloon ☐ Possibly Balloon
2. ☒ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
☐ Other _____
☐ Insufficient Data for Evaluation
☐ Unknown

ATIC FORM 329 (REV 26 SEP 52)

U.S. AIR FORCE TECHNICAL INFORMATION SHEET

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

7 (Day) Sep (Month) 61 (Year)

2. Time of day: 2200 (Hour / Minutes)

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): a. (Eastern)
b. Central
c. Mountain
d. Pacific
e. Other _____

(Circle One): a. Daylight Saving
b. (Standard)

4. Where were you when you saw the object?

[redacted] (Nearest Postal Address) Dayton 24 (City or Town) (Huber Hts.) Ohio (State or Country)

Additional remarks: _____

5. How long was object in sight? _____ Hours 15-20 Minutes _____ Seconds

5.1 How was time in sight determined?

a. (Certain)
b. Fairly certain
c. Not very sure
d. Just a guess

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	a. (Bright) (STARS shining, NO MOON)
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One):
a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

ATIC FORM FEB 60 164 This form supersedes ATIC 164, 13 Oct 54.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight — pitch dark
d. Don't remember

9. The object appeared:

(Circle One): a. As a light b. Shiny c. Dark d. Don't remember

10. If it appeared as a light, was it brighter than the brightest stars?

like a light on an airplane.

11. Did the object: *(Circle One for each question)*

a. Appear to stand still at any time?	Yes	No	Don't Know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't Know
c. Break up into parts or explode?	Yes	No	Don't Know
d. Give off smoke?	Yes	No	Don't Know
e. Change brightness?	Yes	No	Don't Know
f. Change shape?	Yes	No	Don't Know
g. Flash or flicker?	Yes	No	Don't Know
h. Disappear and reappear ?	Yes	No	Don't Know

12. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved behind: _____

13. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what in front of: _____

14. Did the object appear: *(Circle One)*: a. Solid b. Transparent c. Vapor d. Don't Know

15. Did you observe the object through any of the following?

a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other	Naked eye Also	

16. Tell in a few words the following things about the object.

a. Sound NONE

b. Color Changed color from green-To-White-To-Red.

17. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

1. First round object size of an alarm clock and appeared about 5 miles away, traveling NNE 30° above horizon.

2. Second round object same description as 1. above but was traveling westward and sinking at 10° above horizon.

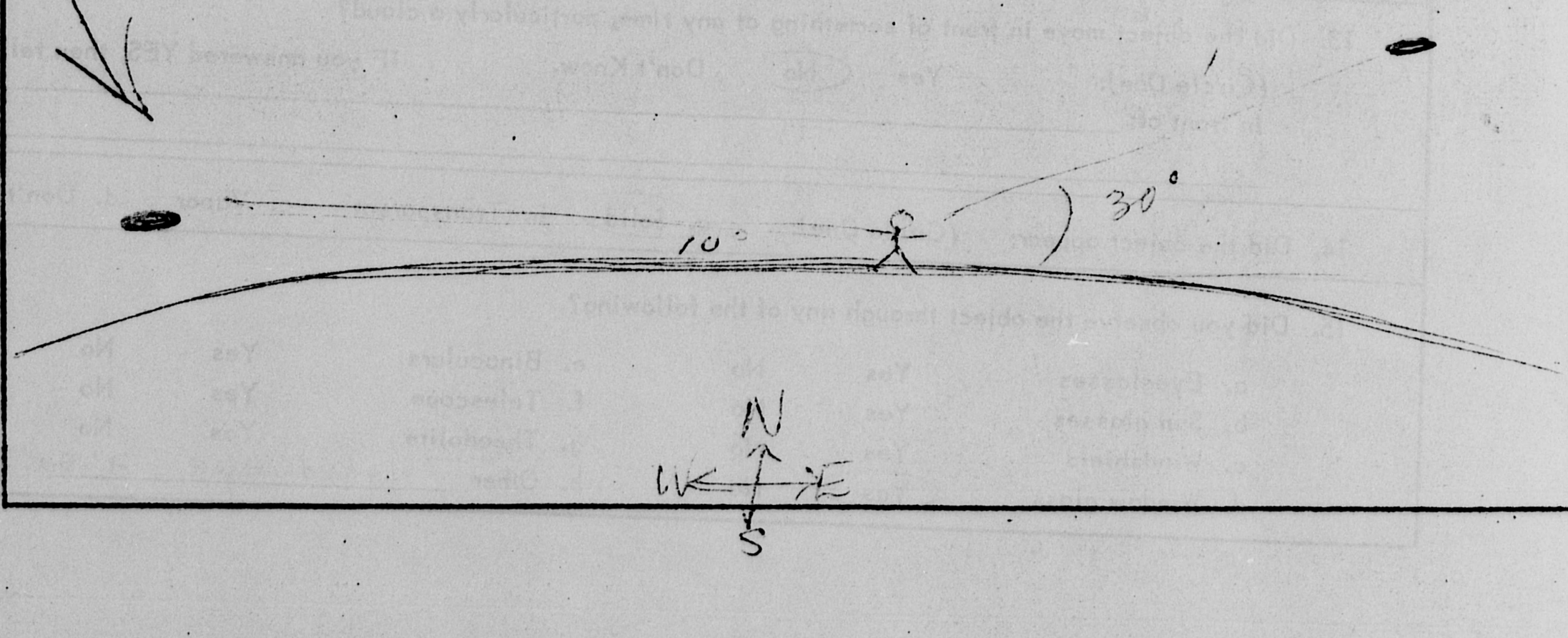
18. The edges of the object were:

(Circle One): a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember

e. Other like light on airplane.

19. IF there was MORE THAN ONE object, then how many were there? two

Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.



25. Where were you located when you saw the object? *(Circle One)*:

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other_____

26. Were you *(Circle One)*

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other Huber Hts Residential Area

27. What were you doing at the time you saw the object, and how did you happen to notice it?

Just looked out the window and then saw it holding position & blinking (green white red), so went outdoors to see it.

28. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

28.1 What direction were you moving? *(Circle One)*

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest

28.2 How fast were you moving?_____miles per hour.

28.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

29. What direction were you looking when you first saw the object? *(Circle One)*

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest
i. Overhead

30. What direction were you looking when you last saw the object? *(Circle One)*

a. North
b. Northeast 1st object
c. East 1st object
d. Southeast
e. South
f. Southwest
g. West 2nd object
h. Northwest
i. Overhead

31. If you are familiar with bearing terms (angular direction), try to estimate the number of degrees the object was from true North (thru east) and also the number of degrees it was upward from the horizon (elevation).

31.1 When it first appeared:

a. From true North 15° degrees. } 1st object
b. From horizon 30° degrees.

2nd obj. } 85° from true N
10° from horizon

31.2 When it disappeared:

a. From true North_____degrees.
b. From horizon_____degrees.

20. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

motion was slow like a balloon traveling in air currents.

21. How large did the object appear to you as compared to an object with which you are familiar?

alarm clock and appeared 5 miles away.

22. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

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

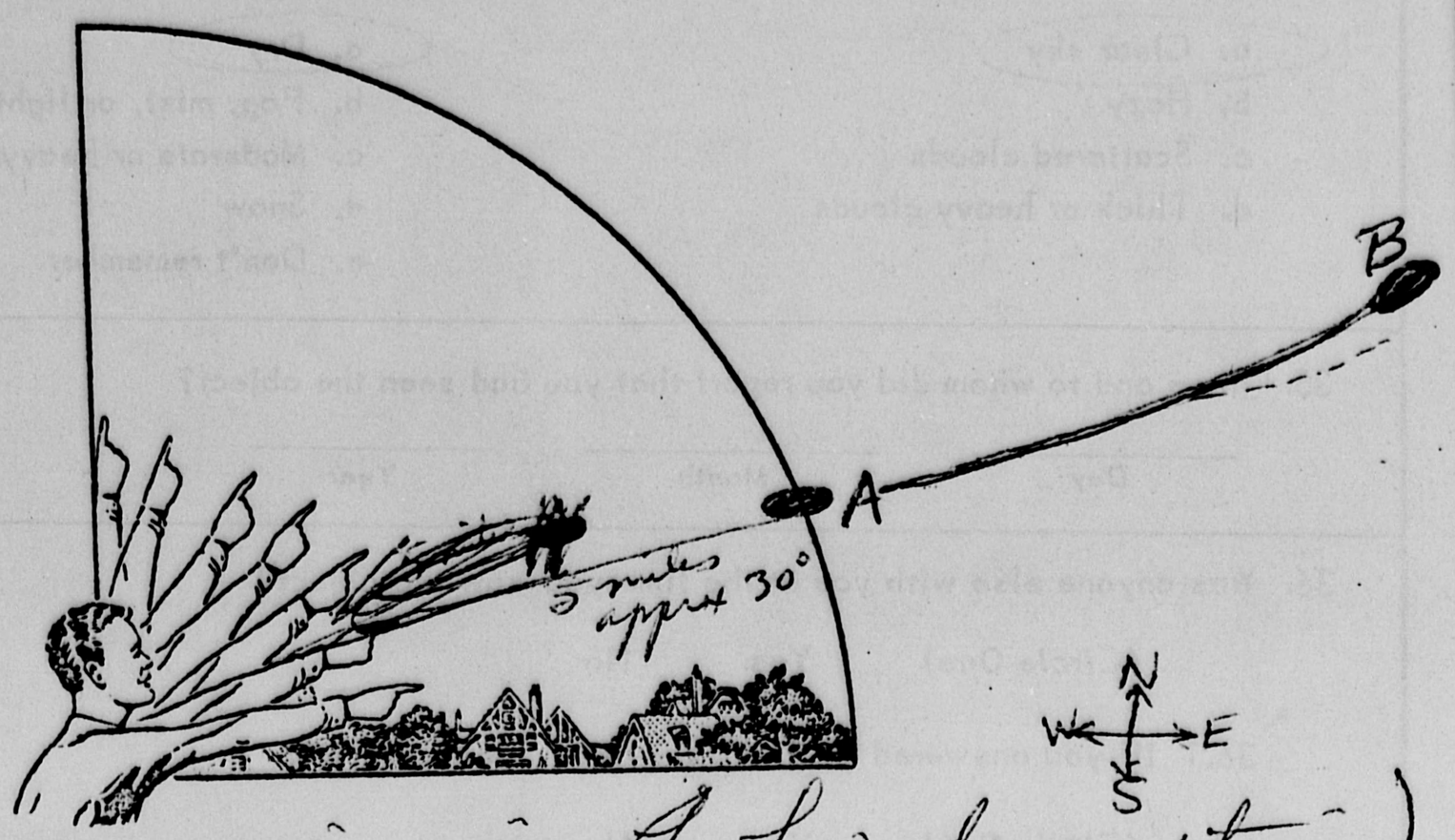
no held position for relatively long time.

24. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

(compared to jets,

alarm clock and appeared to be about 5 miles away.

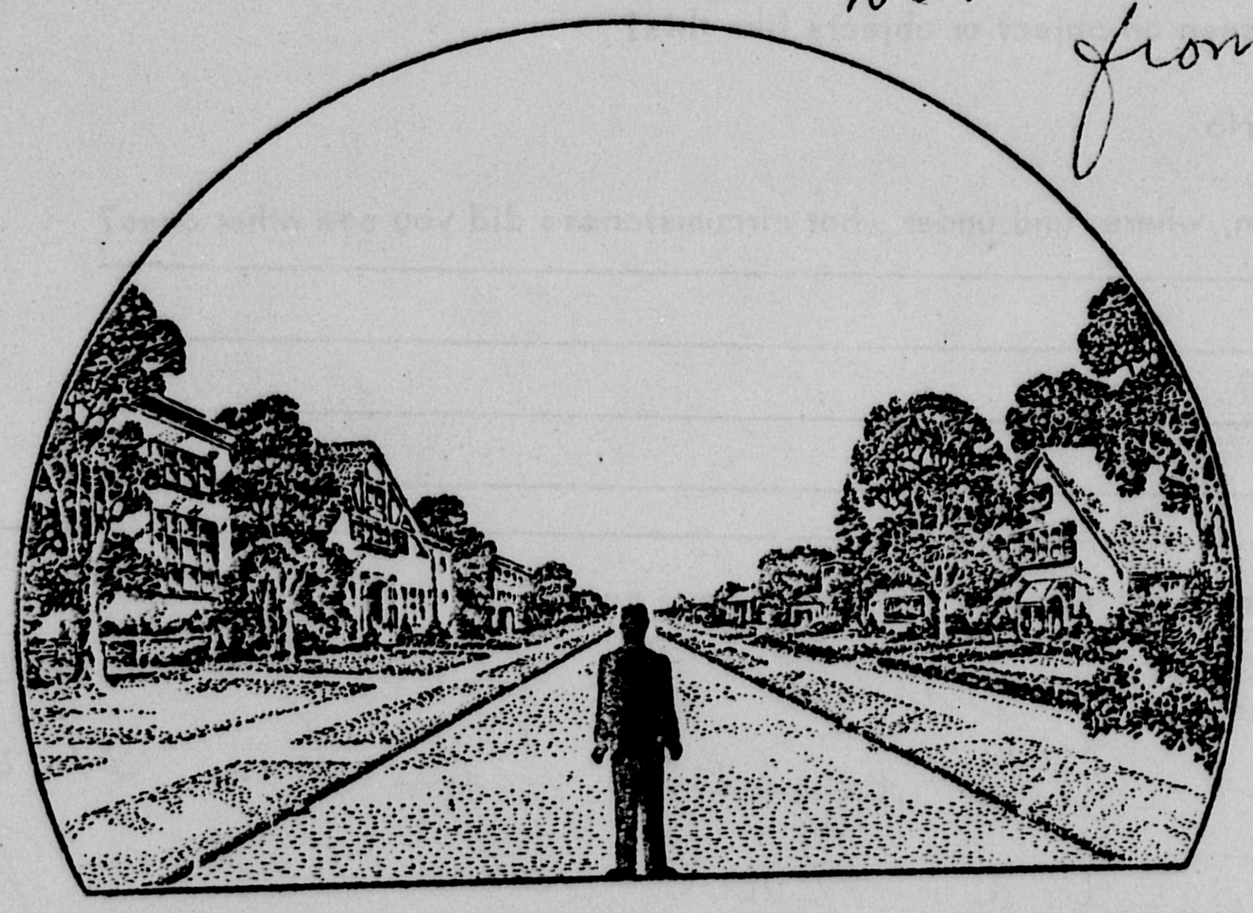
32. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the *same* curved line to show how high the object was above the horizon (skyline) when you *last* saw it.

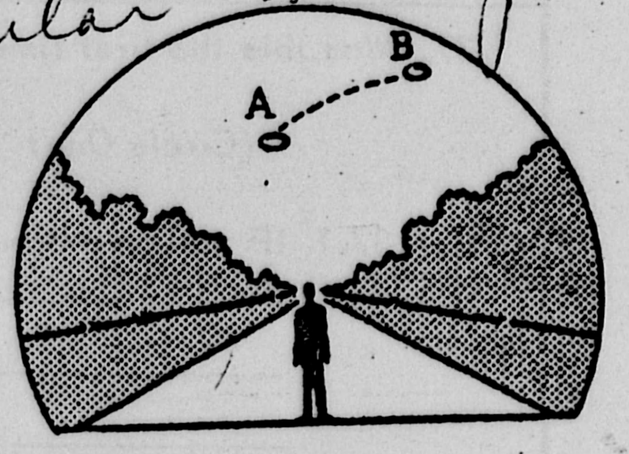


(from my impression of his description)

33. In the following larger sketch place an "A" at the position the object was when you *first* saw it, and a "B" at its position when you *last* saw it. Refer to smaller sketch as an example of how to complete the larger sketch.

NOT This much cover from angular standpoint.





34. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

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

_____ Day _____ Month _____ Year

36. Was anyone else with you at the time you saw the object?

(Circle One) Yes No

36.1 IF you answered YES, did they see the object too?

(Circle One) Yes No

36.2 Please list their names and addresses:

37. Was this the first time that you had seen an object or objects like this?

(Circle One) Yes No

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

38. In your opinion what do you think the object was and what might have caused it?

Had no idea until I said something about a balloon with lights from how slow he said it traveled. But it had a greate speed capacity than ordinary balloons, for he said it started moving away quite noticeably slightly upward and eastward.

39. Do you think you can estimate the speed of the object?

(Circle One) Yes (No)

IF you answered YES, then what speed would you estimate? _____

40. Do you think you can estimate how far away from you the object was?

(Circle One) (Yes) No

IF you answered YES, then how far away would you say it was? 5 miles to start with

41. Please give the following information about yourself:

NAME [redacted] [redacted] [redacted]
Last Name First Name Middle Name

ADDRESS [redacted] Dayton 24 Ohio
Street City Zone State

(Huber Hts)
Off Troy Pike
262

TELEPHONE NUMBER [redacted]

Age _____ Sex M

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

M

42. Date you completed this questionnaire: 7 Sep 61
Day Month Year

P M Short
Capt USAF
from description given by [redacted]
on telephone while observing
and after observing for 15 - 20 minutes.

PROJECT 10073 RECORD CARD

1. DATE Sep 8 61	**2. LOCATION** Dayton, Ohio		**12. CONCLUSIONS** ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical CAPELLA ☒ Probably Astronomical ☐ Possibly Astronomical ☐ Other_____ ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local 2305 GMT 09/0405Z	**4. TYPE OF OBSERVATION** ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		
5. PHOTOS ☐ Yes ☒ No	**6. SOURCE** Civilian		
7. LENGTH OF OBSERVATION Several hours	**8. NUMBER OF OBJECTS** 1	**9. COURSE** NE	
10. BRIEF SUMMARY OF SIGHTING Bright objt varying in color fm red to orange to blue observed on succeeding nights for several hours in the Northeast. Also gave appearance of changing size.		**11. COMMENTS** All indications point to observation of star Capella, 1 of brightest stars in northern hemisphere. Apparent color and birghtness hcange was due to scintillation. Earth's atmosphere has air currents at varying temperatures at the boundry between 2 currents there is a mixing of air masses which give rise to irregular motions in a beam of light coming fm a star. Fact that witness observed objt for long periods and on subsequent nights substantiates observation of a star.	

ATIC FORM 329 (REV 26 SEP 52)

U.S. AIR FORCE TECHNICAL INFORMATION SHEET

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1. When did you see the object?

1	Sep	1961
Day	Month	Year

2. Time of day: 2305 (Hour) 600 (Minutes)

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): a. (Eastern)
b. Central
c. Mountain
d. Pacific
e. Other _____

(Circle One): a. Daylight Saving
b. (Standard)

4. Where were you when you saw the object?

_____ (Nearest Postal Address) [redacted] (City or Town) Dayton Ohio (State or Country)

Additional remarks: _____

5. How long was object in sight? _____ (Hours) _____ (Minutes) _____ (Seconds)

5.1 How was time in sight determined? SEVERAL HOURS

(a. Certain)
b. Fairly certain
c. Not very sure
d. Just a guess

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a. Bright)
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

ATIC FORM FEB 60 164 This form supersedes ATIC 164, 13 Oct 54.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight — pitch dark
d. Don't remember

9. The object appeared:

(Circle One): a. As a light b. Shiny c. Dark d. Don't remember

White, turning red and orange then blue

10. If it appeared as a light, was it brighter than the brightest stars?

Brighter

11. Did the object:

	(Circle One for each question)		
a. Appear to stand still at ~~any~~ time?	Yes	No	Don't Know
b. Suddenly speed up and rush away at any time?	Yes	No	Don't Know
c. Break up into parts or explode?	Yes	No	Don't Know
d. Give off smoke?	Yes	No	Don't Know
e. Change brightness?	Yes	No	Don't Know
f. Change shape?	Yes	No	Don't Know
g. Flash or flicker?	Yes	No	Don't Know
h. Disappear and reappear?	Yes	No	Don't Know

12. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved behind: _____

13. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes No Don't Know. IF you answered YES, then tell what in front of: _____

14. Did the object appear: *(Circle One)*: a. Solid b. Transparent c. Vapor d. Don't Know

15. Did you observe the object through any of the following?

a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

16. Tell in a few words the following things about the object.

a. Sound No sound

b. Color White, Turning Red, Orange, then Blue,

17. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

Round and/or star-shaped

18. The edges of the object were:

(Circle One): a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember
e. Other _____

19. IF there was MORE THAN ONE object, then how many were there? _____

Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

20. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

21. How large did the object appear to you as compared to an object with which you are familiar?

From Sunset sign to Pin Head

22. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

All of it is covered.

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

No

24. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

25. Where were you located when you saw the object? *(Circle One)*:

a. Inside a building
b. In a car
c. Outdoors
d. In an airplane (type)
e. At sea
f. Other_____

26. Were you *(Circle One)*

a. In the business section of a city?
b. In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other_____

27. What were you doing at the time you saw the object, and how did you happen to notice it?

Mother saw it first.

28. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

28.1 What direction were you moving? *(Circle One)*

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest

28.2 How fast were you moving?_____ miles per hour.

28.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

29. What direction were you looking when you first saw the object? *(Circle One)*

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest
i. Overhead

30. What direction were you looking when you last saw the object? *(Circle One)*

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
h. Northwest
i. Overhead

31. If you are familiar with bearing terms (angular direction), try to estimate the number of degrees the object was from true North (thru east) and also the number of degrees it was upward from the horizon (elevation).

31.1 When it first appeared:

a. From true North 25 degrees.
b. From horizon 45 degrees.

31.2 When it disappeared:

a. From true North 25 degrees.
b. From horizon 45 degrees.

39. Do you think you can estimate the speed of the object?

(Circle One) Yes No

IF you answered YES, then what speed would you estimate? Stationary

40. Do you think you can estimate how far away from you the object was?

(Circle One) Yes (No)

IF you answered YES, then how far away would you say it was? _____

41. Please give the following information about yourself:

NAME [redacted] [redacted] [redacted]
(Last Name) (First Name) (Middle Name)

ADDRESS [redacted] Dayton 10 Ohio
(Street) (City) (Zone) (State)

TELEPHONE NUMBER [redacted]

Age 21 Sex Male

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

42. Date you completed this questionnaire: _____ (Day) _____ (Month) _____ (Year)

34. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

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

_____ Day _____ Month _____ Year

FTD - OD

36. Was anyone else with you at the time you saw the object?

(Circle One) Yes No

36.1 IF you answered YES, did they see the object too?

(Circle One) Yes No

36.2 Please list their names and addresses:

[redacted]

37. Was this the first time that you had seen an object or objects like this?

(Circle One) Yes (No) three days in a row.

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

Three days in a row. Approximately 2300-0100.

38. In your opinion what do you think the object was and what might have caused it?

No opinion.