PROJECT 10073 RECORD CARD

1. DATE 27 Feb 61	2. LOCATION Ft. Meade, Maryland	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other Temp Inversion ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local 2245 GMT 280345Z	4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Military	
7. LENGTH OF OBSERVATION 20 min	8. NUMBER OF OBJECTS 1	9. COURSE Erratic

10. BRIEF SUMMARY OF SIGHTING Objt seen on ground radar. Unusually high speed, ability to stand still, high rate of change of direction. Sighted elevation aprox 6300', AZ aprox 270°. Disappeared elevation aprox 6300', AZ aprox 200°.

11. COMMENTS An analysis of this report was made by radar specialists and it was determined that target was probably caused by a temperature inversion.

ATIC FORM 329 (REV 26 SEP 52)

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

REPLY TO ATTN OF: AFCIN-4X2

SUBJECT: Extract from Duty Officers' Report

28 Feb 61

TO: AFCIN-4E2 (Maj Friend)

The following, extracted from 1/Lt Purnell's Report dated 27 Feb 61, is quoted for your information:

> Received a call at 0100, 28 Feb, from AF Command Post, Wash DC, A Maj Sizemore reported that he had received an interesting report on a UFO. The UFO was observed by a Sergeant at Fort Mead Missile Master Center and also tracked on radar. The following information was given: Place GJQL4515. Time: 28/0430Z. Description: Cluster of 3 objects, total illumination as large as a star. Heading: 90° Speed: 900 knots with stops and starts. Altitude between 7 and 9 thousand feet. The important part of this report seems to be that the objects were tracked by means of radar. Received no message on subject.

Michael J. Stroff Jr

MICHAEL J. STROFF, JR.
Major, USAF
AFCIN-4X2

1 Atch
ATIC Fm 164

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?

28 (Day) Feb (Month) 61 (Year)

2. Time of day: 04 (Hour) 30 ? (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?

Fort Meade (Nearest Postal Address) _____ (City or Town) Maryland (State or Country)

Additional remarks: GSQL 4515

5. How long was object in sight? ? _____ Hours _____ 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
a. Bright
b. Cloudy

NIGHT
a. Bright
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.

Atch 1

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: Cluster of 30 bjects

(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?
Total Eluminaten as large as a star.

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 _____

b. Color _____

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.

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? Three

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?

(Larger Star) ??

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?

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?

_____

_____

_____

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 _____ degrees.
b. From horizon _____ degrees.

Reading 90°

31.2 When it disappeared:

a. From true North _____ degrees.
b. From horizon _____ 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? 900 knots (Missil Mostu Center) Fort Meed Maryland.

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] AF Command Post
First Name [redacted] Middle Name

pentigon Wash D.C. Sighting by [redacted] Fort Meed

ADDRESS _____ _____ _____ _____
Street City Zone State

Missil Mostu Center. Also tracked on radar.

TELEPHONE NUMBER _____

Which appear to be the important part

Age _____ Sex _____

of the w heil. report elevation of objects

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

7000 to 9000 ft. at speed of 900 knots

Objects moved & stopped. Expect a message

from the agency making the report to the

Wash D.C. Command post

42. Date you completed this questionnaire: 28 Febr (Day) Febr (Month) 61 (Year)

JOINT MESSAGEFORM

SECURITY CLASSIFICATION: UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

61MAR01 20 432

06/2127Z

ZNR

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

FROM: ATIC, W-PAFB

TO: FT GEORGE G MEADE MD

RBEPTDD

AF GRNC

UNCLAS/AFCIN-4E2x 3-1159

DET 1 WASHINGTON AD SECTOR. IT HAS BEEN BROUGHT TO THE ATTENTION OF ATIC THAT A UFO WAS SIGHTED VISUALLY BY A M/SGT AT THE MISSILE MASTER CENTER, YOUR STATION, AND ALSO WAS TRACKED BY RADAR. REQ A THOROUGH INVESTIGATION OF THE INCIDENT BE MADE IN ACCORDANCE WITH AFR 200-2, DED 14 SEP 1959.

RECEIVED 12 38 AM ATIC

SPECIAL INSTRUCTIONS

061705Z

DATE	TIME
6	1225
MONTH MAR	YEAR 1961

WRITER

SYMBOL: AFCIN-4E2x

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

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

SECURITY CLASSIFICATION: UNCLASSIFIED

RELEASER

SIGNATURE: Nicholas Pat

TYPED (or stamped) NAME AND TITLE:

PHILIP G. EVANS
Colonel, USAF
Deputy for Science and Components

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

JOINT MESSAGEFORM

SECURITY CLASSIFICATION: UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

ZNR

1961 MAR 22 23 32

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION ROUTINE	BOOK	MULTI	SINGLE	AF	AFCIN-4E2x 3-1159	UNCLAS
INFO						

FROM:

ATIC W-P AFB

TO:

FT. GEORGE G. MEADE, MARYLAND — RUETC

AFGRNC

UNCLAS/AFCIN-4E2x 3-1321

DET 1, WASHINGTON AD SECTOR/THE UFO SIGHTING REFERENCED IN OUR MSG AFCIN-4E2x 3-1159, DTD 6 MAR 61, WAS A RADAR-VISUAL SIGHTING AT THE FORT MEADE MISSILE MASTER CENTER, NOT THE VISUAL SIGHTING NEAR HERNDON, VA. BOTH SIGHTINGS OCCURRED ON 27 FEB 61, THE RADAR-VISUAL SIGHTING OCCURING AT 2330 LOCAL, AND THE HERNDON, VA. VISUAL SIGHTING OCCURING AT 2015 LOCAL. REQUEST THE RADAR-VISUAL SIGHTING BE INVESTIGATED IN ACCORDANCE WITH AFR 200-2 DTD 14 SEP 59.

SPECIAL INSTRUCTIONS

DATE	TIME
22	1550
MONTH MAR	YEAR 61

WRITER

SYMBOL: AFCIN-4E2x

TYPED NAME AND TITLE (Signature if required): MAJOR ROBERT J. FRIEND

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

SECURITY CLASSIFICATION: UNCLASSIFIED

RELEASER

SIGNATURE

TYPED (or stamped) NAME AND TITLE:

PHILIP G. EVANS
Colonel, USAF
Deputy for Science and Components

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

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

REPLY TO
ATTN OF: AFCIN-4E

SUBJECT: Request for Evaluation of UFO Report

6 April 1961

TO: AFCIN-4E1

Your evaluation and comments of the attached UFO report are requested.

for: Major USAF

PHILIP G. EVANS
Colonel, USAF
AFCIN-4E

1 Atch
Fax cy UFO Rpt dtd 27 Mar 61

DETACHMENT 1
WASHINGTON AIR DEFENSE SECTOR
UNITED STATES AIR FORCE
FORT GEORGE G. MEADE, MARYLAND

REPLY TO
ATTN OF: OIN

27 March 1961

SUBJECT: UFO

TO: ATIC, Wright-Patterson AFB

1. Reference your Unclassified Message AFCIN 4E2X 3-1321, dated 22 Mar 61, the following report is submitted in accordance with AFR 200-2.

a.

(1) N/A

(2) N/A

(3) N/A

(4) One (1), as far as could be determined.

(5) N/A

(6) N/A

(7) N/A

(8) N/A

(9) Unusually high speed, ability to stand still, high rate of change of direction.

b. (1) Call from "B" Btry, 1st Missile Bn, 71st Arty, Herndon, Virginia. (CWO Robinson)

(2) Elevation approximately 6300 feet, azimuth approximately 270 degrees.

(3) Elevation approximately 6300 feet, azimuth approximately 200 degrees.

(4) Erratic with quick changes of direction.

(5) Instantaneously to the southwest.

(6) Twenty minutes.

c.

(1) Ground electronic, AN/FPS-33.

(2) None

(3) N/A

d.

(1) 28 February 1961 0345Z (2245 EST)

(2) Night

e. Fort George G. Meade, Maryland (35th Arty Bde)

f.

(1) None

(2) Paul Poster, 2/Lt, 35th Arty Bde (AD), Fort Meade, Maryland, Missile Master Duty Officer, Very reliable

Shelby Adams, 2/Lt, 35th Arty Bde (AD), Fort Meade, Maryland, Missile Master Duty Officer, Very reliable

SFC Miguel A Ocasio, Signal Missile Master Support Detachment, Reliable.

SFC Andres Rivera-Claudio, Signal Missile Master Support Detachment, Reliable.

g. Winds Aloft Report

Alt	Direction	Velocity	Temperature
10,000	260	40	-6
15,000	260	50	-15
20,000	260	60	-24
25,000	270	80	-35
30,000	270	110	-45
35,000	270	130	-54
40,000	270	130	-56
45,000	270	120	-57
50,000	270	80	-61
55,000	270	60	-63
60,000	220	30	-63

No readings available above 60,000 feet.

(3) Unlimited

(4) Unlimited

(5) None

(6) None reported

(7) None reported

h. No unusual meteorological or astronomical weather conditions reported.

i. No interception action taken.

j. None

k. James E. Patterson Captain USA Serial No. O-1872340, Hqs. 35th Arty Bde (AD) Fort George G. Meade, Maryland.

(1) No possible reason or explanation for occurance.

l. No physical evidence available.

2. The foregoing information was compiled by Hqs. 35th Artillary Brigade (AD), Fort George G. Meade, Maryland.

FOR THE COMMANDER:

Ronald N. Hucks

RONALD N. HUCKS
Capt, USAF
Intelligence Officer

Memo, AFCIN-4E, 6 Apr 61, Request for Evaluation of UFO Report

1st Ind (AFCIN-4E1a/Maj. Oliveros/jc/74201) 12 May 61

TO: AFCIN-4E (Maj. Friend)

1. A firm evaluation cannot be made on the basis of the limited information submitted. Since no temperature data below 10,000 ft. is available, there is no evidence of any unusual atmospheric conditions at low levels. However, considering the time of night involved, along with the fact that the reported weather was "ceiling and visibility unlimited," it is very likely that a low level temperature inversion existed due to nocturnal surface cooling. Erratic false targets are not too uncommon when appropriate temperature inversion conditions exist for deflecting a radar beam. Since the behavior of the reported UFO is symptomatic of this type of false target, it is therefore evaluated as such.

2. As is the case with all reports of this type, the possibility of equipment malfunction accounting for the false targets cannot be ruled out completely.

R L James

ROY L. JAMES
Acting Chief
AFCIN-4E1

1 Atch
n/c