

PROJECT 10073 RECORD CARD

1. DATE <u>2 Mar 59</u>	2. LOCATION Boston Air Defense Sector Pease AFB, N.H.		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT <u>03/0023-0046Z</u>	4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
5. PHOTOS ☐ Yes ☒ No	6. SOURCE <u>Military</u>		☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION <u>not given</u>	8. NUMBER OF OBJECTS <u>18</u>	9. COURSE <u>varied</u>	☒ Other <u>false targets</u> ☐ Insufficient Data for Evaluation ☐ Unknown
10. BRIEF SUMMARY OF SIGHTING 5 tracks appeared on radar, speeds 200-400 knots, alts 7-18 thousand ft w/majority around 10,000ft. Immediately thereafter within 60 mi E of Boston, more tracks appeared. A total of 18 tracks was involved. Highest alt 36,000ft. Some targets approached the coast, then reversed course & headed out-bound. Other targets approached coast, faded & were extrapolated inland.		11. COMMENTS The 14 unidentified tracks referred to in rpt show all indications of being false targets. While the rpt states that ducting was not possible, the fact that many radars do show unexplained returns which must be due to some type of peculiar transmission characteristics.	

REPLY TO

10 June 1959

TO: AFCIN-4E1

1. The attached correspondence, subject same as above, dated 5 June 1959, is forwarded to your division for possible analysis and/or comment.
2. If unable to provide an answer in time to allow the 17 June 1959 suspense to be met, notify Major Friend of AFCIN-4E4g by telephone, extension 6-9216.

1 Atch:

Ltr, dtd 5 June 59, Subj:
Unusual Radar Sighting
w/1 Atch

When inclosure(s)..... is (are) withdrawn or not
attached, the classification of Secret..... on this
Letter..... will be cancelled (or changed) to
..... in accordance with Par. 3.7 H

Classification Cancelled

Page 1 of 1 Pages
Cys 1 of 4 Cys

OO RJEDNB RJWFAL
DE RJEZSN 54
P 05165Z
FM COMDR 26TH NORAD DIVISION
TO RJEDNB/COMDR EASTERN NORAD REGION
INFO RJWFAL/COMDR ADC
RJWFAL: COMDR CINCNORAD
RJEDNB/COMDR EADF
BS

/ [REDACTED] /OCO 4-188, SUBJECT IS UNKNOWN INCIDENT 0023-0046Z 3 MAY 1959. PAR A: APPROX 0023Z, FIVE PENDING TRACKS APPEARED, NO FLIGHT PLANS WERE AVAILABLE. TRACKS WERE CLOSE TO PEASE AFB IN BOSTON AIR DEFENSE SECTOR AND WITHIN THE AIR DEFENSE IDENTIFICATION ZONE. SPEEDS WERE 200-400 KNOTS, ALTITUDES FROM 7-18, 000 FEET WITH MAJORITY AROUND 10 THOUSAND FEET. IMMEDIATELY THEREAFTER, WITHIN 60 MILES EAST OF BOSTON, MORE TRACKS APPEARED. TEN ADDITIONAL AIRCRAFT WERE BROUGHT UP TO 5 MINUTE ALERT, 4 AT STEWART, 2 AT WESTOVER AND 4 AT OTIS. FOUR AIRCRAFT WERE AIRBORNE AND TWO MORE WERE IN TURN-AROUND. PAR B: A TOTAL OF 18 TRACKS WERE INVOLVED. HIGHEST ALTITUDE 36,000 FEET. FOUR TRACKS WERE LATER

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IDENTIFIED; TWO BY SCRAMBLE AT 0116Z AS NAVY AIRCRAFT; ONE AS A BOEING 707 AT 0101Z AND ONE RC-121 AT 0029Z BY REVISED FLIGHT PLAN. SIX SCRAMBLES PLUS TWO DIVERTS WERE MADE AGAINST EIGHT OF THE TARGETS BUT ALL FADED PRIOR TO INTERCEPT. THE REMAINING SIX FADED AND WERE SCRUBBED AFTER LOSING RADAR DATA BETWEEN 0023-0044Z. PAR C: ALL RADARS IN BOSTON SECTOR WERE CHECKED AND THE COMPUTER WAS CHECKED BY IBM. SECTOR IDENTIFICATION OFFICER CHECKED WITH NEW YORK AND BOSTON AIR MOVEMENTS IDENTIFICATION SECTION FOR POSSIBLE MAJOR AIR MOVEMENT. EASTERN NORAD REGION WAS ALSO CHECKED WITH NEGATIVE RESULTS BEING REPORTED. RADAR AND FST-2 AT SITE P-10 AND OTHER SITES WERE CHECKED AND FOUND TO BE IN ORIENTATION. PERMANENT ECHO CHECKS WERE ALSO MADE AND SETS WERE FOUND TO BE TRACKS. TRACKING MERIT WAS GOOD ON ALL TRACKS AND SHOWED GOOD DATA UNTIL REACHING LAND, OR UNTIL LEAVING THE BOSTON SECTOR. SOME TARGETS APPROACHED THE COAST, THEN REVERSED COURSE AND HEADED OUTBOUND. OTHER TARGETS APPROACHED COAST, FADED AND WERE EXTRAPOLATED INLAND. ALL TRACKS WERE CHECKED FOR MULTIPLE PICKUP FROM P-10, P-13 AND TEXAS TOWER II. THESE STATIONS TRACKED THE TARGETS SIMULTANEOUSLY AND SEPARATELY DURING THE PERIODS, INCLUDING SITE P-10B. BOSTON AIR DEFENSE SECTOR CHECKED WITH RADAR MAPPING PERSONNEL AT

Handwritten notes:
7017 (11/5)
22 Jan 59
112205 Jan 11-21

UNCLASSIFIED

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ABOVE SITES FOR VERIFICATION. ALL VERIFIED BLIPS AT THE POSITIONS ABOVE CONFIRMED THE DIRECTIONS. PAR E: THERE IS NO APPARENT REASON FOR THE UNKNOWN TRACKS. ALL EQUIPMENT WAS FUNCTIONING NORMALLY. AIR DEFENSE ARTILLERY STATED THAT THEIR RADAR ALSO PICKED UP AND TRACKED 6 OF THESE TARGETS THROUGH THE AREA. HEIGHT READINGS WERE ALSO TAKEN ON THE TARGETS. EVERYTHING POSSIBLE WAS ACCOMPLISHED TO CHECK AND VERIFY INPUTS. ALL AVAILABLE AIRCRAFT WERE SCRAMBLED, INCLUDING SOME FROM ADJACENT SECTORS. THERE WAS NO AIRCRAFT CARRIER ACTIVITY DURING THE TIME IN QUESTION. PAR F: WX AT THE TIME WAS: SCATTERED CLOUDS BETWEEN 8 AND 10 THOUSAND FEET. NANTUCKET SOUNDING AT 03/0001Z INDICATED THE CHANGE IN REFRACTIVE INDEX WEA ONLY 7 BETWEEN SURFACE AND 1000 FEET. NO DUCTING POSSIBLE.

BT

05/1715Z MAY RJEZSN

NNNN

AC-PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY B ENCRYPTION- PHYSICALLY REMOVE ALL INTERNAL REFERENCES BY DATE-TIME GROUP PRIOR TO DECLASSIFICATION-NO UNCLASSIFIED REFERENCE IF DATE-TIME GROUP IS QUOTED

Cy1

Ltr, AFCIN-4E4g, 10 Jun 59, Unusual Radar Sighting

1st Ind (AFCIN-4Ela/V. D. Bryant/74201/jc)

16 Jun 59

ATTC, Wright-Patterson AFB, Ohio

TO: AFCIN-4E4g

The 14 unidentified tracks referred to in this report show all indications of being false targets - reversing their course and finally disappearing from the screen. The fact that no scrambled aircraft contacted any target can be taken as assurance that the targets were false. Likewise, the fact that several radars picked up the same "targets" is no assurance that the targets were real. While the report says ducting was not possible, the fact remains that many radars do show unexplained returns which must be due to some type of peculiar transmission characteristics.

GORDON C. HOFFMAN
Colonel, USAF
AFCIN-4E1

1 Atch.
n/c

If Inclosure ~~2~~ ¹ is withdrawn (or not attached), the classification of this correspondence will be downgraded to Secret in accordance with paragraph 57a, AFR 206-1.

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Quantitative, FT COLLECT
T.D. COLLECT

JOINT MESSAGEFORM				SECURITY CLASSIFICATION 					
SPACE BELOW RESERVED FOR COMMUNICATION CENTER									
AC PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY B ENCRYPTION—PHYSICALLY REMOVE ALL INTERNAL REFERENCES BY DATE-TIME GROUP PRIOR TO DECLASSIFICATION—NO UNCLASSIFIED REFERENCE IF THE DATE-TIME GROUP IS QUOTED				UNCLASSIFIED 11X					
PRECEDENCE		TYPE MSG (Check)		ACCOUNTING SYMBOL		ORIG. OR REFERS TO		CLASSIFICATION OF REFERENCE	
ACTION ROUTINE		BOOK MULTI SINGLE		AF		OCO 4-188		SECRET	
INFO									
FROM: ATIC, W-P AFB, OHIO TO: HQS, ADC, ENT AFB, COLORADO SPRINGS, COLO. - <i>RJWFAL</i> ATTN: <u>ADODI-B</u> <i>IC-41435</i> /FROM: AFCIN-4E4g								SPECIAL INSTRUCTIONS ENCODED Initials <i>BJ</i> Time <i>222130</i> Checked By <i>W</i>	
REF SECRET MSG FR 26 NORAD DIVISION TO EASTERN NORAD REGION, DTD <i>JUNE</i> 5 MAY 59, CITE OCO 4-188. DUE TO THE LIMITED DATA AVAILABLE AND THE ABSENCE OF MATERIAL EVIDENCE, SUCH AS SCOPE PHOTOS, THE ANALYSIS BY THIS HQS WAS NECESSARILY LIMITED. THE CONCLUSIONS REACHED ARE AS FOLLOWS: I. THE FOURTEEN UNIDENTIFIED TRACKS REFERRED TO IN THE REPORT SHOW ALL INDICATIONS OF BEING FALSE TARGETS. II. THE FACT THAT NO SCRAMBLED A/C CONTACTED ANY TARGET CAN BE TAKEN AS ASSURANCE THAT THE TARGETS WERE PROBABLY FALSE. III. THE FACT THAT SEVERAL RADARS PICKED UP THE SAME "TARGET" IS NO ASSURANCE THAT THE TARGETS WERE REAL. IV. WHILE THE REPORT STATES THAT DUCTING WAS NOT POSSIBLE, THE FACT REMAINS THAT									
Page <u>1</u> of <u>2</u> Pages Cy <u>1</u> of <u>4</u> Cys				Classification Canceled (or changed to <i>SECRET</i>) Auth <i>Quantum</i> By <i>DDPT (AF)</i> Date <i>27 Jan 69</i> <i>10-25-69 para 1-21</i>					
SYMBOL AFCIN-4E4g TYPED NAME AND TITLE (Signature, if required) <i>Robert J. Friend</i> MAJ ROBERT J. FRIEND PHONE 69216 PAGE NR. 1 NR. OF PAGES 2 SECURITY CLASSIFICATION				SIGNATURE <i>L. J. Harrell</i> TYPED (or stamped) NAME AND TITLE LOUIS J. HARRELL CAPTAIN, USAF AFCIN 4X2a2 UNCLASSIFIED					

JOINT MESSAGEFORM - C CONTINUATION SHEET

SECURITY CLASSIFICATION

FROM:

ATIC, W-P AFB, OHIO

MANY RADARS DO SHOW UNEXPLAINED RETURNS WHICH MUST BE DUE TO
SOME TYPE OF PECULIAR TRANSMISSION CHARACTERISTICS.

COORDINATION:

AFCIN-4E4

Col Rethman

DATE

19 June 59

AFCIN-4E

Mr. Post

DATE

6/19/59

DOWNGRADED AT 8 YEAR INTERVALS;
DECLASSIFIED AND DECLASSIFIED

Page 2 of 2 Pages
Cy 1 of 4 Cys

1000 7001 55 50

UNCLASSIFIED

SYMBOL

AFCIN-4E4g

PAGE
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2

SECURITY CLASSIFICATION

INITIALS

DD FORM 173-1
MAY 58

★ U. S. GOVERNMENT PRINTING OFFICE: 1955-004434

UNCLASSIFIED
UFO ANALYSIS SHEET

25

Location Pease Air Force Base, N. H. Boston ADF

Date 3 May 1959 Hour (Z) 0023Z-0046Z

WX Scattered clouds between 8 and 10 thousand ft.

Description Five tracks appeared on radar, speeds were 200-400 knots, altitudes from 7-18 thousand ft with majority around 10 thousand ft. immediately thereafter within 60 mi E of Boston, more tracks appeared. A total of 18 tracks were involved. Highest altitude 36,000 ft. Some targets approached the coast, then reversed course and headed outbound. Other targets approached coast, faded and were extrapolated inland.

Direction of Motion Varied

Satellite: (AFCIN-4F3, Phone 69219) _____

Astronomical Phenomena (Meteor, Comet, Planet, etc) _____

Radar Analysis (AFCIN-4E1) _____

Natural Phenomena (Ball Lightning, etc) _____

Aircraft, Balloons, Airships, etc. _____

Other _____

Evaluation of Source Reliability _____

Analysis and Conclusions: The fourteen unidentified tracks referred to in report show all indications of being false targets. While the report states that ducting was not possible, the fact remains that many radars do show unexplained returns which must be due to some type of peculiar transmission characteristics.

Classification Cancelled