PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION		12.	CONCLUSIONS
2 May 59	Pease AFB, N.H. Pease AFB, N.H. 4. TYPE OF OBSERVATION			Was Balloon Probably Balloon Possibly Balloon
3. DATE-TIME GROUP			10	
Local	☐ Ground-Visual	El Ground-Radar		Was Aircraft Probably Aircraft Possibly Aircraft
GMT03/0023-00462	D Air-Visual	D Air-Intercept Radar	_	. Joseph
5. PHOTOS DYes	6. SOURCE			Was Astronomical Probably Astronomical Possibly Astronomical
D No	Military			
7. LENGTH OF OBSERVATION	8. NUMBER OF OBJECTS	9. COURSE	D	Insufficient Data for Evaluation Unknown
nob given	1.8	varied	-	
10. BRIEF SUMMARY OF SIGHTING		11. COMMENTS	***************************************	
5 tracks appeared on r 400 knots, alts 7-18 thou around 10,000ft. Immediat within 60 mi E of Boston, appeared. A total of 18 t Highest alt 36,000ft. Som the coast, then reversed bound. Other targets appr & were extrapolated inlan	ely thereafter more tracks racks was involved, e targets approache course & headed out cached coast, faded	to in rpt show false targets. that ducting wa REMAINS that ma eigrplained retur	all while is no iny a rus t	which must be queto

ATIC FORM 329 (REY 25 BEP 52)



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

REPLY TO

ATTN OF: AFCIN-LELS

10 June 1959

SUBJECT: Unusual Radar Sighting

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-hE4g by telephone, extension 6-9216.

Colonel, USAF

AFCIN-4E4

1 Atch:

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

When inclusion(a) _____ is (u.e.) withdrawn or not ntinched, the classification of 500 c + 0 f - Cont. f f f will be can slad tox changed to AFIR 205-1) in necordance with Par 3-7 H

Page / of / Page Cy 1 of # 000







AIR DEFENSE COMMAND

UNITED STATES AIR FORCE ENT AIR FORCE BASE COLORADO SPRINGS, COLORADO TELE: MELROSE 2-5511 EXT

> IN REPLY REFER TO OFFICE SYMBOL:

5 1110 1959

REPLY TO

SUBJECT:

ADODI-B ATTN OF:

Unusual Radar Sighting (U)

ATIC, Wright-Patterson AFB, Ohio TO:

> The attached message, received by this Headquarters from 26th Air Division (SAGE), is forwarded for your information and necessary action. The delay in forwarding this information was necessitated by an inquiry to Headquarters USAF for an interpretation regarding the reporting to ATIC unknowns originating in the air defense system. This problem is presently being coordinated at this Headquarters and you will be advised of the results as well as any expected increase in reports that may be forwarded from this Command.

FOR THE COMMANDER:

DOUGLASS W. EISEMAN .

Colonel, USAF

Director of Intelligence

1 Atch

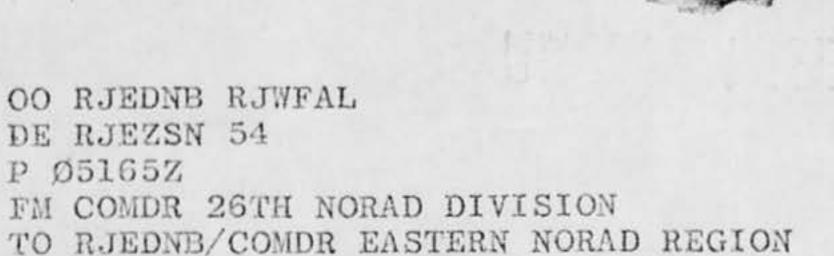
1 cy Msg fm 26th AD,

Unknown Incident, 3

tenetas



TRAIN and RETAIN



INFO RJWFAL/COMDR ADC RJWFAL: COMDR CINCNORAD

RJEDNB/COMDR EADF

OO RJEDNB RJWFAL

DE RJEZSN 54

P Ø5165Z

BS

/ JUNEAU OCO 4-188, SUBJECT IS UNKNOWN INCIDENT ØØ23-ØØ46Z 3 MAY 1959. PAR A: APPROX ØØ23Z, 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 IDENTIFICA-TION ZONE. SPEEDS WERE 200-400 KNOTS, ALTITUDES FROM 7-18, 000 FEET WITH MAJORITY AROUND 10 THOUSAND FEET. IMMEDIATELY THERE-AFTER, 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 AIR-BORNE AND TWO MORE WERE IN TURN-AROUND. PAR B: A TOTAL OF 18 TRACKS WERE INVOLVED. HIGHEST ALTITUDE 36, ØØØ FEET. FOUR TRACKS WERE LATER

PAGE TWO RJEZSN 54 IDENTIFIED; TWO BY SCRAMBLE AT Ø116Z AS NAVY AIRCRAFT; ONE AS A BOEING 707 AT Ø101Z AND ONE RC-121 AT Ø029Z 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 ØØ23-ØØ44Z. 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-1Ø 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-1Ø, P-13 AND TEXAS TOWER II. THESE STATIONS TRACKED THE TARGETS SIMULTANEOUSLY AND SEPARATELY DURING THE PERIODS, INCLUDING SITE P-LØB. BOSTON AIR DEFENSE SECTOR CHECKED WITH RADAR MAPPING PERSONNEL AT





PAGE THREE RJEZSN 54

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 03/00012 INDICATED THE CHANGE IN REFRACIVE INDEX WEA ONLY 7 BETWEEN SURFACE AND 1000 FEET. NO DUCTING POSSIBLE.

BT Ø5/1715Z MAY RJEZSN

NNNN

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



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

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

16 Jun 59

ATIC, 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.

47

GORDON C. HOFFMAII

Colonel, USAF AFCIN-4E1 1 Atch.

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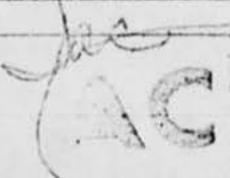
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SPECIAL INSTRUCTIONS

ACCOUNTING ORIG. OR REFERS TO CLASSIFICATION TYPE MSQ (Check) PRECEDENCE SYMBOL OF REFERENCE SINGLE ROUTINE BOOK MULTI ACTION 000 4-188 X SECRET INFO

ATIC, W-P AFB, OHIO

TO: HQS, ADC, ENT AFB, COLORADO SFRINGS, COLO. - PONFAL

73-41133

ATTN: ADODI -B.

FROM:

/FROM: AFCIN-4E48

REF SECRET MSG FR 26 NORAD DIVISION TO EASTERN NORAD REGION, DTD JUNE 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

DATE TIME 1000 YEAR MONTH

JUNE

1959

. Page 1 of 2 Pages 1_ of 4 0ys

SYMBOL NR. OF 2

SIGNATURE TYPED (or stamped) NAME AND TITLE

> LOUIS J. HARRELL CAPTAIN, USAF AFCIN 4X2a2

CONTRACTOR STORY

INS L.

JOINT MESSAGEFORM - (.TINUATION SHEET

SECURITY CLASSIFICATI

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-hE4

AFCIN-HE

hman DATE 19 Lune 19

Mr. Post

Col Rethman

DATE

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SYMBOL

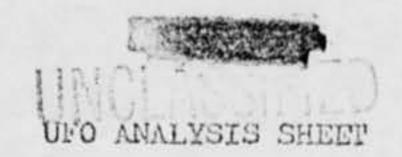
AFCIN-4F4g

PAGE | NR O

C W. Clariff C.

INITIALS

Multi





Location Pease Air Force Base, N. H. Dostor ADF
Date 3 May 1959 Hour (Z)
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 ml 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 Phemomena (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.

