

MILITARY RADAR

PROJECT 10073 RECORD CARD

1. DATE 28 Sep 60		2. LOCATION Kirksville, Missouri		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other <u>Poss weather</u> ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT <u>28/0816Z</u>		4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Military			
7. LENGTH OF OBSERVATION 45 sec		8. NUMBER OF OBJECTS one		9. COURSE ascending	
10. BRIEF SUMMARY OF SIGHTING Normal a/c return painted on ground radar at 70,000 ft rapidly gaining altitude to 100,000 ft, went off scope after 45 sec.				11. COMMENTS There is the possibility that this sighting could have been caused by warm moist air mixing with cold dry air. Three sightings were reported from the same radar station and were noted on the same equipment. No reports from other stations in the area were received which might have confirmed or denied the explanation that weather conditions probably caused this radar effect.	

RECEIVED

29 SEP 60 07 43

ATIC

NNBR 8243

PRIORITY

FM COMDR 790 RADAR SQ (SAGE) KIRKVILLE AFS MO

TO ADC-ENT AFB COLO

ATIC WPAFB

HQ USAF (AFCIN) WASH DC

BT

UNCLASSIFIED *Called 24/0300Z/74*

Classification Cancelled
(or changed to)

Auth. *Director TDP*
By *Quintanilla*
Date *5 MAY 1965*

1960 SEP 29 02 59 2 Jan 68
281730Z

1
2 > 4E2
3
4- 4x2w

[REDACTED] CITE S-61. UFO, (IMMEDIATE ATTENTION REQUIRED),
UFO REPORT IN ACCORDANCE WITH AFR 200-2, A. 1. UNKNOWN. 2. PAINTED
AS NORMAL ACFT RETURN. 3. UNKNOWN. 4. 1. 5. N/A. 6. NONE. 7. N/A.
8. NOT HEARD. 9. RAPIDLY GAINING ALTITUDE. B. 1. APPEARED ON SCOPE
DURING NORMAL HEIGHT REQUEST. 2. APPEARED ON SCOPE AT 090 DEGREES
AT 70000 FEET. 3. DISAPPEARED AT 090 DEGREES AT 100000 FEET, 45
SECONDS AFTER APPEARANCE. 5. WENT OFF THE TOP OF RADAR SCOPE. 6.
45 SECONDS. C. 1. GROUND ELECTRONIC, AN/FPS 6A HEIGHT FINDER. 2.
NONE. 3. N/A. D. 1. 280816Z. 2. NIGHT. E. 1. KIRKSVILLE AFS, 7 AND
1 HALF MILES NORTH OF KIRKSVILLE, MISSOURI. F. 1. N/A. 2. DONALD
L MITCHELL, A/3C AND WALTER W YOUNT, A/2C, 790 RADAR SQDN, AC AND
W OPERATORS, BOTH RELIABLE. G. 1. WEATHER CLEAR. 2. SOUTH SOUTH
EAST 12 AT SURFACE, AT 6000, 050/15, 10000, 010/15, 16000, 010/15,

PAGE TWO

20000, 330/15, 30000, 300/20, 50000, 260/205, 80000 NOT AVAILABLE.

3. 10000 FEET. 4. 15 MILES. 5. BROKEN. 6. NONE. 7. 601 DEGREES.

H. AFTER DISAPPEARANCE SCATTERED WEATHER ECHOS BEGAN TO APPEAR

ON SCOPE. I. UNKNOWN. J. UNKNOWN. K. CAPTAIN, USAF, ELECTRONICS

OFFICER, NO EXPLANATION. L. NONE

BTT

29/0252Z

DOWNGRADED AT 11:00 AM 11/11/13
DECLASSIFIED BY 1111111111
1111111111

UNCLASSIFIED


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OFFICIAL FILE COPY

403
AFCIN-4E2x/Maj Friend/69216

Request for Analysis

29 September 1960

AFCIN-4E1

It is requested that an analysis be given the attached radar sighting and the results forwarded to 4E2x as soon as possible.

RICHARD R. SHOOP
Colonel, USAF
AFCIN-4E2

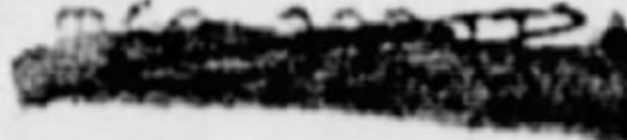
1 Atch:
Cy #3 of In Msg, 29 Sep 60,
Cite S-61 (S) T60-33293

"If inclosure(s) _____ (is) (are) withdrawn
(or not attached) the classification of this correspondence
(document) will be changed to _____ or cancelled
in accordance with par. 37h, AFR 205-1."

Classification Cancelled
(or changed to) UNCLASSIFIED

Auth. *Director TDP*
By *Quintanilla*
Date *9 MAY 1968*

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

UNCLASSIFIED


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



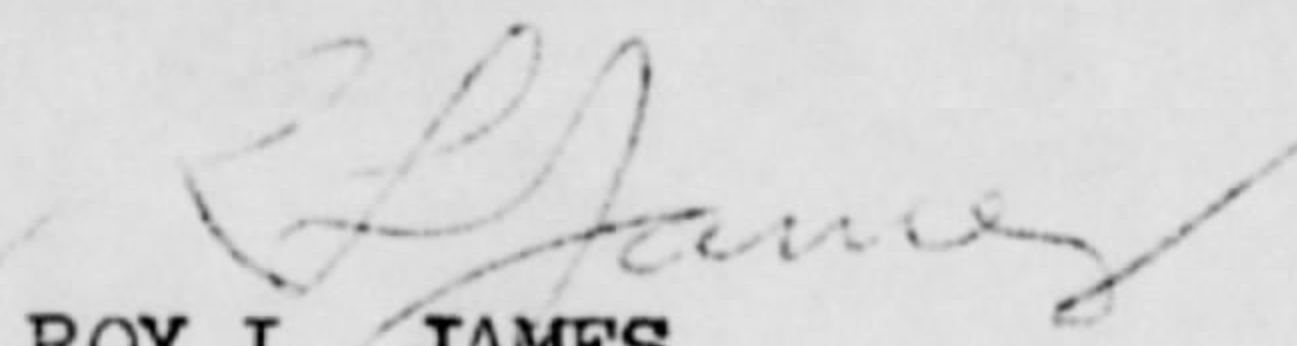
REPLY TO
ATTN OF: AFCIN-4E1a/Mr. ~~Richard~~er/jc/74201

SUBJECT: Evaluation of UFO (U)

4 Oct 60

TO: AFCIN-4E2x

1. Reference your memos dated 21 Sep 60 and 29 Sep 60.
2. All three radar sightings reported are from the same radar station and were noted on the same radar equipment. This equipment is quite powerful and occasionally picks up reflections from various weather situations such as is encountered when warm moist air is mixed with cold dry air. The appearance and disappearance of targets as reported, along with the extremely fast changes in altitude, lends credence to the possibility that some form of weather condition was responsible for the unidentified targets which were reported.
3. No reports of similar targets have been received from other stations in the area which might have confirmed or denied this explanation.


ROY L. JAMES
Acting Chief
AFCIN-4E1