

MILITARY

PROJECT 10073 RECORD CARD

1. DATE 17 Sep 60		2. LOCATION Kirksville AFS, 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>18/0413Z</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 27 min		8. NUMBER OF OBJECTS 8-12 6-8		9. COURSE descending and ascending	
10. BRIEF SUMMARY OF SIGHTING 8-12 objects painted as normal a/c returns in trail formation at 95,000 ft, descended to 23,000 ft and were lost. Later picked up 6-8 at 100,000 ft which were lost in the weather.				11. COMMENTS Possible unusual weather conditions affecting radar return.	

HQA062

PP RJEDSQ

DE RJEDAH 306

P 191535Z ZEX

FM COMDR 790 RADRON KIRKSVILLE AFS MO

TO RJWFAL/COMDR ABC ENT AFB COLO

RJEDSQ/COMDR ATIC WPAFB OHIO

RJEZHQ/HQ USAF AFCIN WASHDC

RJEZHQ/SECRETARY OF THE AIR FORCE SAFIS WASHDC

BT

CITE S-53.

UFO, IMMEDIATE ATTN REQUIRED UFO REPORT IN ACCORDANCE WITH AFR
200-2.

- A. 1. SHAPE, UNKNOWN.
2. PAINTED AS NORMAL AIRCRAFT RETURN.
3. COLOR UNKNOWN.
4. NUMBER, 3 TO 12.
5. FORMATION 8 TO 12 TRAILING AND THEN 6 TO 8.
6. NONE.
7. N/A.

Classification Cancelled
(or changed to)
Auth. *Pericott TDP*
By *Quantrell*
Date *205-1, Par 2-17a*
2 Jan 68

PAGE TWO RJEDAT306

8. NOT HEARD.

9. 1ST APPEARED TO BE 8 TO 12 AIRCRAFT AT 95000 FEET AT
0413Z TIME, AT 0417Z THEY HAD DECENDED TO 23000 FEET THEY
WERE THEN LOTT. AT 0419Z WE PICUED UP 6 TO 8 AIRCRAFT AT
100,000 FEET WHERE WE LOST THEM IN THE WEATHER. AT 0423Z
THE 1ST FORMATION STARTED TO CLIMB, WE TRACKED THEM UNTIL
THEY DISAPPEARED OFF THE TOP OF THE SCOPE AT 100,000 FEET.
THE SECOND FORMATION APPEARED AT 0440Z AT 85,000 FEET.

- B. 1. APPEARED ON HEIGHT FINDER DURING NORMAL HEIGHT REQUEST.
2. 175 DEGREES AT 53 MILES.

3. 10ST FORMATION DISAPPEARD AT 10 P⁰0000 FEET, 2ND FORMATION
DISAPPEARED AT 85,000 FEET.

THE 1ST FORMATION STARTED TO CLIMB, WE TRACKED THEM UNTIL
THEY DISAPPEARED OFF THE TOP OF THE SCOPE AT 100,000 FEET.
THE SECOND FORMATION APPEARED AT 0440Z AT 85,000 FEET.

- B. 1. APPEARED ON HEIGHT FINDER DURING NORMAL HEIGHT REQUEST.
2. 175 DEGREES AT 53 MILES.

3. 1ST FORMATION DISAPPEARED AT 10 ⁰¹ PM 0000 FEET, 2ND FORMATION
DISAPPEARED AT 85,000 FEET.

4. SEE 9A ABOVE.

5. DISAPPEARED OFF TOP OF RADAR SCOPE. 627 MINUTES.

C. 1. GROUND ELECTRONIC, AN/FPS-6A, HEIGHT FINDER.

2. NONE.

3. N/A.

D. 1. 130413Z.

2. NIGHT.

E. 1. KIRKSVILLE AF STATION, KIRKSVILLE, MISSOURI, 7 AND 1/2 MILES
CC LINS 9 WA DURING AS IM I AS

PAGE THREE RJEDAH 306

NORTH OF KIRKSVILLE, MISSOURI.

F. 1; N/A.

2. CHARLES J HERRICK, A/1C, CHARLES F PATMNN, A/2C, DONALD
L MITCHELL, A/2C. 790 RADAR SQUADRON (SAGE), KIRKSVILLE
AFS, MISSOURI. ALL VERY RELIABLE.

G. 1. OVERCAST.

2. SURFACE NORTH EAST AT 9 KNOTS, 010 1-5, PEP AT 3, 350 AT
15,300 AT 15,300 AT 30,260 AT 50,260 AT 15.

3. 4500 FEET.

4. 8 MILES.

5. SCATTERED.

6. NONE REPORTED.

7. 67 DEGREES, DEMPING 64.

H. A SEVERE WEATHER ADVISORY WAS OUT FOR THE NORTH WEST SECTION
OF THE CHICAGO AIR DEFENSE SECTOR MOVING SOUTH EAST.

[REDACTED]

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NORTH OF KIRKSVILLE, MISSOURI.

F. 1; N/A.

2. CHARLES J HERRICK, A/1C, CHARLES F PATMNN, A/2C, DONALD L MITCHELL, A/2C. 790 RADAR SQUADRON (SAGE), KIRKSVILLE AFS, MISSOURI. ALL VERY RELIABLE.

G. 1. OVERCAST.

2. SURFACE NORTH EAST AT 9 KNOTS, 010 1-5, ⁰⁷⁰ PEP AT 5, 350 AT 15, 300 AT 15, 300 AT 30, 260 AT 50, 260 AT 15.

3. 4500 FEET.

4. 8 MILES.

5. SCATTERED.

6. NONE REPORTED.

7. 67 DEGREES, DEWPOINT 64.

H. A SEVERE WEATHER ADVISORY WAS OUT FOR THE NORTH WEST SECTION OF THE CHICAGO AIR DEFENSE SECTOR MOVING SOUTH EAST.

I. UNKNOWN.

J. UNKNOWN.

K. JAMES H ESTEP, TSGT, USAF, NCOIC RADAR OPERATIONS, NO EXPLANATION FOR SIGHTINGS.

L. NONE.

BT

19/1957Z SEP RJEDAH

[REDACTED]

[REDACTED]

AFCE-451a/Mr. Pickles-7/30/74291

Evaluation of UFO (U)

4 Oct 60

AFCE-452x

1. Reference your memo 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
AFCE-451

MILITARY RADAR

PROJECT 10073 RECORD CARD

1. DATE 20 Sep 60	2. LOCATION Kirksville AFS, 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>20/1518Z</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 23 min	8. NUMBER OF OBJECTS 3 groups 4 ea group	9. COURSE descending and ascending	
10. BRIEF SUMMARY OF SIGHTING 3 groups of 4 objects each painted as normal a/c returns in trail formation. First appeared at 10,000 ft descending rapidly, contact was lost in weather at 8000 ft. Two min after they were lost 4 other objects appeared at 10,000 ft climbing, and were lost at 65,000 ft. 5 min later additional objects appeared at 70,000 ft and went off top of the scope at 100,000 ft.		11. COMMENTS possibly due to weather conditions.	

210510Z

UNCLASSIFIED

HQA613

1960 SEP 21 05 06

PP RJEDSQ

DE RJEDAH 301

P 202105Z ZEX

FM COMDR 79TH RADAR SQDN KIRKHILLE AFS MO

TO RJWFAL/COMDR ADC ENT AFB COLO

RJEDSQ/COMDR ATIC WPAFB OHIO

RJEZHQ/HQ CSAF AFCIN WASH D C

RJEZHQ/SECRETARY OF THE AIR FORCE WASH DC

BT

//CITE S-59.

UFO, (IMMEDIATE ATTENTION REQUIRED), UFO REPORT IN ACCORDANCE WITH
AFR 200-2.

1. SHAPE, UNKNOWN.

2. PAINTED AS NORMAL AIRCRAFT RETURN

3. COLOR UNKNOWN

4. NUMBER OF OBJECTS 4.

5. TRAIL FORMATION.

6. NONE

7. N/A

UNCLASSIFIED
Auth: Director DP
By: Quantanilla
Date: 9 MAY 1969
AFR 205-1, Par 2-172
2 Jan 68

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NOT RECD

UNCLASSIFIED

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8. NOT TFARD.

9. OBJECTS FIRST APPEARED ON THE MRI AT 10 THOUSAND FEET AND
DESCENDING VERY FAST, CONTACT WAS LOST IN WEATHER AT 8 THOUSAND
2 MINUTES AFTER THEY WERE LOST 4 OTHER OBJECTS APPEARED AT 10
THOUSAND FEET AND WERE CLIMBING, THEY WERE LOST AT 65000291335, 5
MINUTES LATER ADDITIONAL OBJECTS APPEARED AT 70000 FEET AND WERE
TRACKED UNTIL THEY WENT OFF THE TOP OF THE SCOPE AT 1 HUNDRED THOUSAND
FEET.

8. 1. APPEARED DURING A NORMAL HEIGHT REQUEST.

2. 75 MILES FROM SITE AT 298 DEGREES

3. FIRST GROUP DISAPPEARED AT 298 DEGREES AT 75 MILES. SECOND
DISAPPEARED AT 290 DEGREES AT 75 MILES. THIRD DISAPPEARED 312 DEGREES
AT - MILES.

4. SEE NINE ALFA ABOVE.

5. THE FIRST GROUP DISAPPEARED IN WEATHER, THE OTHERS DISAPPEARED
OFF THE TOP OF THE OWI SCOPE.

6. 23 MINUTES

C. 1. GROUND- ELECTRONIC, AN/FPS 6A, HEIGHT FINDER.

2. N/A

3. N/A

AGE THREE RJEDAH 301

D. 1. 201518Z

2. DAY

E. KIRKSVILLE AIR FORCE STATION, 7 AND 1/2 MILES NORTH OF KIRKSVILLE,
MISSOURI REPEAT MISSOURI

F. 1. N/A

2. JAMES H ESTEP, HTSGT, GEORGE C GEOPP; TSGT, WILLIAM L LIPPENCOTT,
SSGT, CHARLES J FRERICK, A-1 C, 790 RADAE SQPCDRON. KIRKVILLE,
MISSOURI, AIRCRAFT CONTROL AND WARNING TECHNICIANS AND OPERATORS,
ALL VERY RELIABLE.

G. 1. CLEAR, WEATHER PAINTING ON SCOPE AT POSITION OF SIGHTINGS,
TOPS OF THE CLOUDS AT TEN THOUSAND FEET.

2. SURFACE NORTH WEST AT 7 MPH. 6 THOUSAND 240/10, 10 THOUSAND
270/10, 16000310/10, 20000310/10, 30000270/15, 50000271525, ABOVE
60000 NOT AVAILABLE.

3. VARIABLE 5 TO 15 HUNDRED.

4. 10 MILES

5. LESS THAN FIVE TENTHS

6. NONE

7. 60 DEGREES

H. 2, 8, 3

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8. I. UNKNOWN

9. J. UNKNOWN

DE K. MAJOR: USAF, :9..SERL NO LOGICAL EXPLAMATION FOR THW EIGHTING
2 AT THIS TIME.

TR L. NONE

TI END

TI BT

F 21/0245Z SEP RJDAH

8

22

1.1

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ORIGINAL FILE COPY

UNCLASSIFIED

AFCIN-4E2x

Request for Evaluation

21 September 1960

AFCIN-4E1

Request an evaluation be made of the attached unidentified flying object reports from Kirksville AFS, Missouri.

RICHARD R. SHOOP
Colonel, USAF
AFCIN-4E2

2 Atch:

1. In Msg fr Kirksville AFS, Mo
Cite: S-58 (S) T60-32299 (Cy 1)
2. In Msg fr Kirksville AFS, Mo
Cite: S-59 (S) T60-32473 (Cy 1)

COORDINATION:

AFCIN-4E2x

James O. Baker date *21 Sep 60*

UNCLASSIFIED

Auth. *James O. Baker*
By *Quintanilla*
Date *21 MAY 1961*

AFR 2051, Par 2-17c
2 Jan 68

UNCLASSIFIED

AFCIN-4E1a/Mr. [REDACTED]/jc/74201

Evaluation of UFO (U)

4 Oct 60

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