

MILITARY

## PROJECT 10073 RECORD CARD

1. DATE 17 Sep 60	2. LOCATION Kirksville AFS, Missouri		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT 18/0413Z	4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input checked="" type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		<input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Military		<input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical
7. LENGTH OF OBSERVATION 27 min	8. NUMBER OF OBJECTS 8-12 6-8	9. COURSE descending and ascending	<input checked="" type="checkbox"/> Other <u>Poss weather</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
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 100000 ft which were lost in the weather.		11. COMMENTS Possible unusual weather conditions affecting radar return.	

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C. I. UNKNOWN

D. J. UNKNOWN

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

TH L. NONE

TE END

TI BT

F 21/0245Z SEP RJEDAH

8  
2  
:  
1

DOWNGRADED AT 11:45 AM  
DEC 11 1981  
BY SP-1 [illegible]

UNCLASSIFIED

Two lines of text are completely redacted with black ink.A single line of text is completely redacted with black ink.

[REDACTED]

ORIGINAL FILE COPY

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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.

1/E2

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)

[REDACTED]

COORDINATION:

AFCIN-4E2x James C. Bales date 21 Sep 60

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By Quotable

Date: AFR 2051, par 2-17c  
2 Jan 68

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[REDACTED]

[REDACTED]



AFCIN-4E1a/Mr. ██████████/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, leads 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

HQA062

[REDACTED] RECEIVED

PP RJEDSQ

200-50, 07 55  
DEP 12 22 23  
ATIC

DE RJEDAH 306

P 191535Z ZEX

FH 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

1 ✓ UEL  
3 ✓ J J W

[REDACTED] 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 3 TO 12 TRAILING AND THEN 6 TO 8.
- 6. NONE.
- 7. N/A.

Handwritten notes: "AFR 200-2, Part 217a 2 Jan 68"

[REDACTED]

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8. NOT HEARD.

9. 1ST APPEARED TO BE 3 TO 12 AIRCRAFT AT 95000 FEET AT 0413Z TIME, AT 0417Z THEY HAD DESCENDED TO 23000 FEET THEY WERE THEN LOST. AT 0419Z WE PICKED 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 35,000 FEET.

[REDACTED]

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

3. 1ST FORMATION DISAPPEARED AT 100,000 FEET, 2ND FORMATION DISAPPEARED AT 35,000 FEET.



- THE 1ST FORMATION STARTED TO CLIMB, BE TRACKED WITH CIVIL  
THEY DISAPPEARED OFF THE TOP OF THE SCOPE AT 100,000 FEET.  
THE SECOND FORMATION APPEARED AT 0440Z AT 35,000 FEET.
- B. 1. APPEARED ON HEIGHT FINDER DURING NORMAL HEIGHT REQUEST.  
2. 175 DEGREES AT 53 MILES.
3. 1ST FORMATION DISAPPEARED AT 10<sup>01</sup> 100000 FEET, 2ND FORMATION  
DISAPPEARED AT 35,000 FEET.
4. SEE 9A ABOVE.
5. DISAPPEARED OFF TOP OF RADAR SCOPE. 627 MINUTES.
- C. 1. GROUND ELECTRONIC, AN/FPS-5A, 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 1 AS



PAGE THREE RJEDAM 306

NORTH OF KIRKSVILLE, MISSOURI.

F. 1; N/A.

2. CHARLES J HERRICK, A/IC, CHARLES F PATMAN, 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, DEMPONG 64.

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



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NORTH OF KIRKSVILLE, MISSOURI.

F. 1; N/A.

2. CHARLES J HERRICK, A/1C, CHARLES F PATMON, 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, <sup>020</sup> 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.

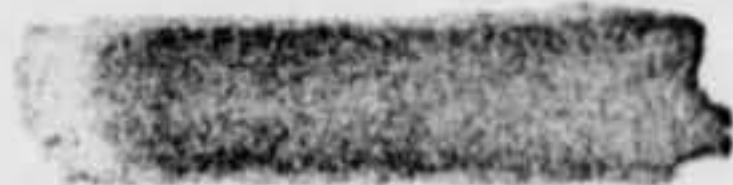
J. UNKNOWN.

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

L. NONE.

BT

19/1957Z SEP RJEDAH





AFCEM-451a/Mr. Picklesimer/30/74291

Evaluation of WFO (3)

8 Oct 60

AFCEM-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, leads 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  
AFCEM-451



MILITARY RADAR

## PROJECT 10073 RECORD CARD

1. DATE 20 Sep 60	2. LOCATION Kirksville AFS, Missouri	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical  <input checked="" type="checkbox"/> Other <u>Poss weather</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local _____ GMT <u>20/1518Z</u>	4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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



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HQAG13

1980 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

// [REDACTED] //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

1-HE2X  
2/  
3  
44X2A

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Auth: Director DP  
By: [Signature]  
Date: 9/21/1980  
AFR 200-2, Par 2-17c  
2 Jan 68

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NOT REARD





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3. 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 293 DEGREES

3. FIRST GROUP DISAPPEARED AT 293 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 OVI 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, MTSGT, GEORGE C GEOPP; TSGT, WILLIAM L LIPPENCOTT,  
SGT, CHARLES J FRERICK. A-1 C, 790 RADAR 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. 89 DEGREES

H. 2, 8, 3