

MILITARY AIR

PROJECT 10073 RECORD CARD

1. DATE 20 Sep 60	2. LOCATION 40 mi E Grand Junction, Colorado		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☒ Was Astronomical Meteor ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other _____ ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local _____ GMT _____	4. TYPE OF OBSERVATION ☐ Ground-Visual ☐ Ground-Radar ☒ Air-Visual ☐ Air-Intercept Radar		
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Military		
7. LENGTH OF OBSERVATION not given	8. NUMBER OF OBJECTS one	9. COURSE NNW	
10. BRIEF SUMMARY OF SIGHTING T-33 pilot sighted bright object straight ahead at 30° elev that disappeared to left rear 45° and 15° elev. A/c was heading 075°T. Light intensity of object was similar to that of an arc light. Tail of object was estimated to be 9 inches long on the surface of the canopy.			11. COMMENTS Witness did not report the duration of the sighting or the time, however it was probably of short duration and at night. Description conforms to observation of a fireball type meteor. There is no information conflicting with this conclusion. Case listed as meteor.

U F O ANALYSIS SHEET

DATE 20 SEPT 1960 LOCATION GRAND JUNCTION, COLO

DATE TIME GROUP LOCAL GMT

PHOTO YES NO ✓ PHYSICAL SPECIMEN YES NO ✓

SOURCE MILITARY ✓ CIVILIAN TYPE OF OBSERVATION VISUAL

LENGTH OF OBSERVATION NUMBER OF OBJECTS COURSE

SATELLITE: IN ORBIT: VERIFY YES: NO: DECAY:

ASTRONOMICAL PHENOMENA

METEOR POSSIBLY METEOR (FIREBALL)

STAR OR PLANET

OTHER

AIRCRAFT

BALLOON

INSUFFICIENT DATA

OTHER

REFLECTION INVERSION PRESENT PHOTO ANALYSIS

SUN DOG LENTICULAR CLOUD PHYSICAL SPECIMEN ANALYSIS

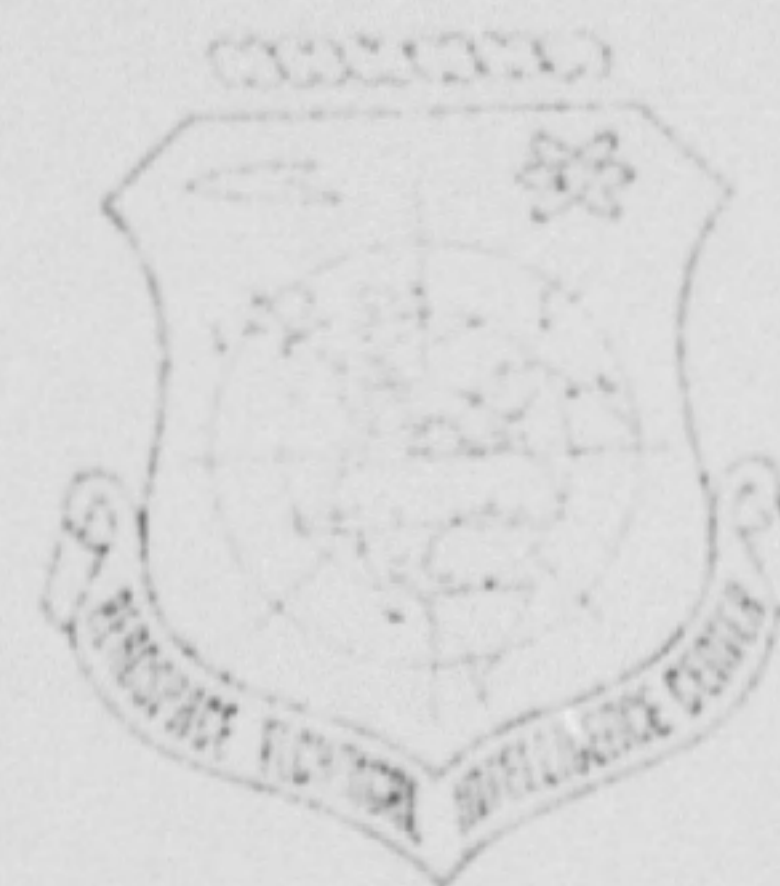
BRIEF SUMMARY OF SIGHTING:

A T-33 PILOT FLYING 40 MILES EAST OF GRAND JUNCTION, COLORADO, SIGHTED A BRIGHT OBJECT STRAIGHT AHEAD AT 30 DEGREES ABOVE HORIZON THAT DISAPPEARED 45° TO LEFT REAR AND 15° ABOVE HORIZON. HEADING OF AIRCRAFT AT THE TIME OF THE SIGHTING WAS 75°. LIGHT INTENSITY OF THE OBJECT WAS SIMILAR TO THAT OF AN ARC LIGHT. THE TAIL OF THE OBJECT WAS ESTIMATED TO BE ABOUT 9 INCHES LONG ON THE SURFACE OF THE CANOPY.

EVALUATION: CASE CATEGORY: PROBABLY METEOR (FIREBALL)

CONCLUSION: THE WITNESS DID NOT REPORT THE TIME BUT IT WAS PROBABLY NIGHT. THE DESCRIPTION OF THE OBJECT IS THAT OF A CLASSIC FIREBALL (METEOR). THERE IS NO AVAILABLE EVIDENCE WHICH WOULD INDICATE THAT THE OBJECT OF THIS SIGHTING WAS NOT A FIREBALL.

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



REPLY TO
ATTN OF:

Fireball

SUBJECT: Sighting of UFO

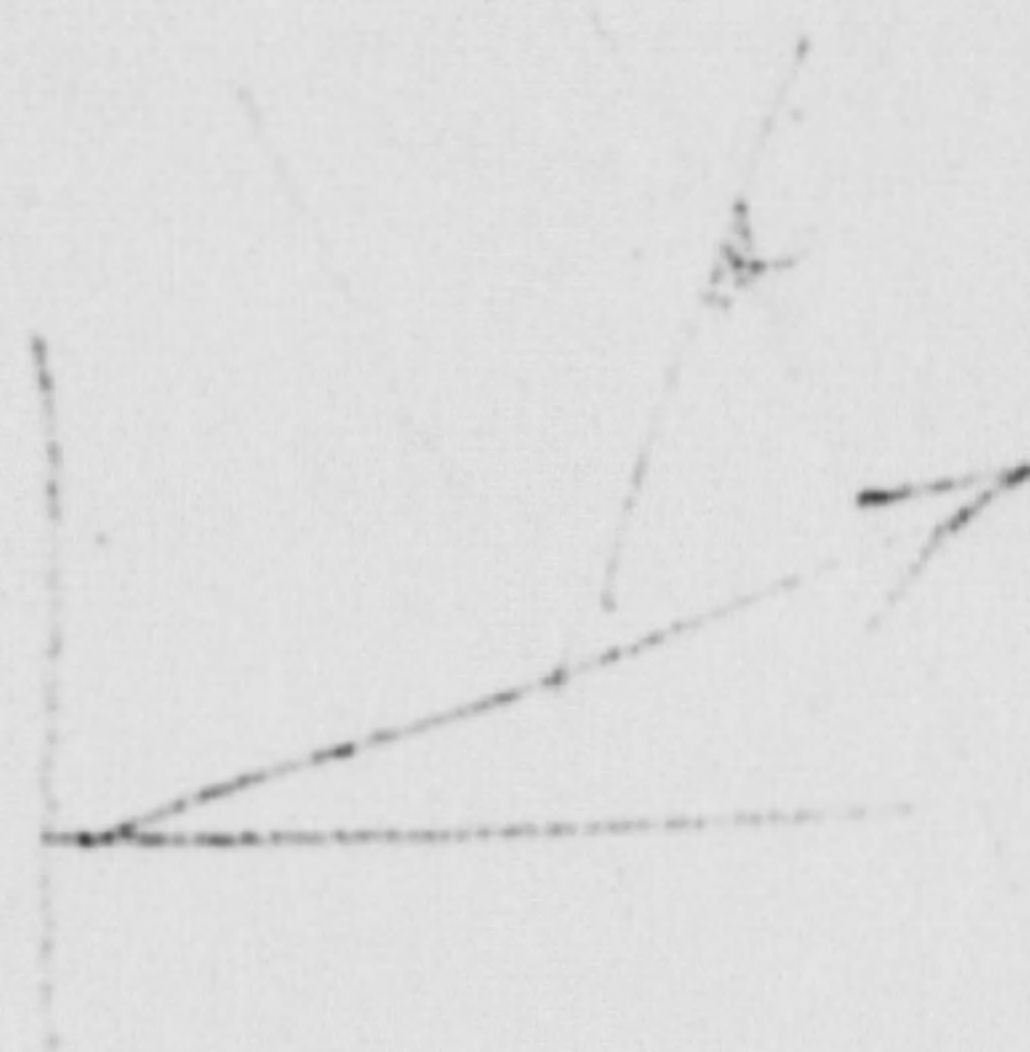
TO:

20 Sep 60

1. Air Force Command Post relayed UFO sighting to ATIC from NORAD. A T-33 pilot flying 40 mi east of Grand Junction, Colorado, sighted a bright object straight ahead at 30 deg above horizontal that disappeared 45 deg to left rear and 15 deg above horizontal. Heading of aircraft at time of sighting was 075 deg. Light intensity of object was approximately that of an arc light. Pilot stated if it was a meteor, it was the brightest he had ever seen. He also stated the tail of the object was about nine inches long on the surface of the canopy. This is about all of the information that was available.

Robert H. George

Robert H. George
2nd Lt, USAF
ATIC Duty Officer



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

HQAG13

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.

A. 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 MAR 1969*
AFR 205-1, Par 2-172
2 Jan 68

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PAGE TWO RJEDAH 301

NOT REARD

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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 DR35.
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

PAGE FOUR RJEDAH 301

8. I. UNKNOWN

9. J. UNKNOWN

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

TP L. NONE

TI END

TI BT

21/0245Z SEP RJDAH

8

2

11

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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*

Classification (or change to)
Auth. *James O. Baker*
By *Quotations*
Date *21 MAY 1961*
AFR 2051, Sec 2-17c
2 Jan 68

DOWNING REPORT
DECLASSIFIED

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