

PROJECT 10073 RECORD CARD

1. DATE 4 August 1958		2. LOCATION Ponca City, Oklahoma		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other _____ ☒ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 04/1015Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 45 mins		8. NUMBER OF OBJECTS one		9. COURSE not given	
10. BRIEF SUMMARY OF SIGHTING Red & orange, round obj, size of basketball, w/small protrusions of light similar to 4th of July sparkler. Had sound of buzzing of a bee which alternated louder & softer as obj moved toward & away fm obsvr. Obj disappeared straight up at a tremendous speed.				11. COMMENTS Cannot conclude due to lack of necessary info. Eliminating sound as a factor all other considerations indicate astro sighting. Jupiter, Venus, Mars & Saturn were not setting at the time. Only astro obj of 1st mag in position to cause sighting was Altair at 280dgr azimuth however, no firm conclusion can be reached.	

HEH Multi

4/10/58

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DETACHMENT # 6
4715TH GROUND OBSERVER SQUADRON
Joplin Air Defense Filter Center
Hotel Connor, Joplin, Missouri

GOS-6

14 August 1958

SUBJECT: Unidentified Flying Object Report

TO: Commander
Air Technical Intelligence Center
Wright-Patterson Air Force Base
Dayton, Ohio

1. The following information concerning an unidentified flying object in this filter center area is submitted in accordance with instructions contained in AFR 200-2, dated 5 February 1958:

a. Description of the Object:

- (1) Shape - Round, like a basketball.
- (2) Size compared to a known object - A basketball, held in the hand at about arm's length.
- (3) Color - Red and orange.
- (4) Number - One (1).
- (5) Formation - Not applicable.
- (6) Any discernible features or details - The round object had small protrusions of light which alternately went off and on. The observer said it reminded her of a 4th of July sparkler.
- (7) Tail, trail, or exhaust - None.
- (8) Sound - Like the buzzing of a bee which alternated louder or softer as the object moved toward or away from the observer.
- (9) Other - (Pertinent or unusual features) - None.

b. Description of Course of Object:

- (1) What first called the attention of observers to the object? - The sight of the red and orange globe with light protrusions going on and off.
- (2) Angle or elevation and azimuth of object upon disappearance - Unknown.
- (3) Angle or elevation and azimuth of object upon first being observed - Unknown.

(4) Description of flight path and maneuvers of object - The object would alternately move toward the observer and then away from the observer, always very slowly.

FROM/TO WHAT
DIRECTION

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(5) How did the object disappear? - The object suddenly left going straight up at tremendous speed, disappearing instantly.

(6) How long was the object visible? - 45 minutes.

c. Manner of Observation:

- (1) Ground - Visual.
- (2) Optical Aids Used - None.
- (3) If sighting made while airborne - Not applicable.

d. Time and Date of Sighting:

- (1) Zulu Time - 1015Z. 1015 - 0415 = 0500 20.
- (2) Date of Sighting - 4 August 1958.
- (3) Light Conditions - Night.

e. Location of Observers:

- (1) Exact latitude and longitude 36-41 North, 97-03 West.
- (2) Geographical Position - Southeast of Ponca City, Oklahoma, in rural outskirts.

f. Identifying Information on Observers:

- (1) Civilian - [redacted], Age 35, Rural Route, Ponca City, Oklahoma, Telephone Number [redacted], Farm Housewife.
- (2) Civilian - (Son of [redacted]), Age 11, above address, Student.

g. Weather and Winds - Conditions at time and place of sightings:

- (1) Observers' account of weather conditions - Weather described as fair and clear.
- (2) Report from nearest Weather Bureau Office - In weather reports from Oklahoma City and Tulsa Weather Bureaus the following are winds aloft reports which were obtainable for the period 1000 to 1100 hours Zulu indicated. These winds aloft reports were confirmed as correct, by the Regional Weather Bureau at Kansas City, Kansas.

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<u>Altitude</u>	<u>Degrees</u>	<u>Velocity (Knots)</u>
Surface	^{SE} 135 degrees	4 knots
7,000 feet	045 degrees NE	15 knots
10,000 feet	112 degrees ESE	15 knots
16,000 feet	045 degrees NE	15 knots
20,000 feet	045 degrees NE	10 knots
25,000 feet	045 degrees NE	10 knots
30,000 feet	315 degrees NW	10 - 15 knots (Approximately)
40,000 feet	292 degrees VENEW	20 knots (Approximately)

(3) Ceiling- Unlimited.

(4) Visibility - 15 Miles, Weather Bureau reported weather to be fair and clear on 4 August 1958 from midnight on through the day.

(5) Amount of Cloud Cover - None.

(6) Thunderstorms in Area - None.

(7) Temperature - 72 degrees F.

(8) Moon Phase - The moon was starting the last quarter of its cycle. On 7 August 1958, the time of the moon's phase was 1749 hours Zulu.

(9) Sun Rise - Occurred at 1121 Zulu. 1121-6 = 0541

(10) Weather Balloons - The Oklahoma City Weather Station releases its balloons daily at 0600 and 1200 hours Zulu.

h. Any other unusual activity or condition - Insofar as is known at this level, there was no unusual activity or condition, Meteorological, Astronomical, or otherwise which might account for this sighting.

i. Interception or identification action taken - None.

j. Location, approximate altitude, and general direction of flight of any air traffic in the area at time of sighting - Kansas City Civil Aeronautics Administration Center was contacted but they have nothing logged for time and date of unidentified flying object sighting over Ponca City, Oklahoma.

k. Position title and comments of the preparing officer - Operations Officer, Paul M. Dumais, 1st Lieutenant, USAF, Joplin Air Defense Filter Center, Hotel Connor, Joplin, Missouri.

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Center Hotel Connor, Joplin, Missouri, Subject: Unidentified
Flying Object, 13 Aug 58

This officer feels that in view of the insufficient information, a
good or factual analysis of a possible cause relative to this
sighting cannot now be made. However, he is quite sure that the
observer saw something, giving an honest account of what was seen,
and that this sighting constitutes a valid Unidentified Flying Object.

1. Existence of physical evidence, such as materials and
photographs - None.



V. E. SUTTON
Captain, USAF
Commander

*The observer could give no elevation,
azimuth or direction of travel, even
though it was watched for 45 minutes.
Insuff info*

PROJECT 10073 RECORD CARD

1. DATE 13 August 1958		2. LOCATION Ponca City, Oklahoma		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 14/0220Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 1 1/2 seconds		8. NUMBER OF OBJECTS one		9. COURSE South	
10. BRIEF SUMMARY OF SIGHTING Rnd, bright firey orange obj, traveling at a high rate of speed, appeared to have a tail, moving north to south in a gradual arc corresponding to earth's curvature & disappeared.				11. COMMENTS It is believed obj was a meteor.	

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1 Witness
DETACHMENT # 6
4715TH GROUND OBSERVER SQUADRON
Joplin Air Defense Filter Center
Hotel Connor, Joplin, Missouri

GOS-6

18 August 1958

SUBJECT: Unidentified Flying Object Report

TO: Commander
Air Technical Intelligence Center
Wright-Patterson Air Force Base
Dayton, Ohio

1. The following information concerning an unidentified flying object in this filter center area is submitted in accordance with instructions contained in AFR 200-2, dated 5 February 1958:

a. Description of the Object:

- (1) Shape - Round.
- (2) Size compared to a known object - One tenth the size of a dime, held in the hand at about arm's length. The observer also compared the object's size to a ball shot from a large "roman candle."
- (3) Color - Bright, fiery orange.
- (4) Number - One (1).
- (5) Formation - Not applicable.
- (6) Any discernible features or details - The observer said the object looked like a ball of fire, or bright, fiery light, orange in color and was travelling at a high rate of speed. He commented that the object appeared to be far in the distant east, maybe 50 miles away. The observer further stated that he did not know if the object might be a satellite, a nose-cone from a missile or what. He did not believe it was a meteor since he did not think meteors acted in the manner of the object he observed. However, he admitted never having actually seen a meteor nor did he have any technical or theoretical background in astronomy or meteorology.
- (7) Tail, Trail or Exhaust - The observer stated the object appeared to have a tail to it and, assuming it was $\frac{1}{4}$ inch in diameter, the tail would be one (1) inch in length.
- (8) Sound - None.

b. Description of Course of Object:

- (1) What first called the attention of the observer - The observer had just closed his garage door, facing east, turned to the left and then noticed the fiery, bright object in the Northeast traveling at terrific speed.

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(2) Angle or elevation and azimuth of object upon disappearance - The object appeared at an angle of about 40 degrees above the eastern horizon .

(3) Angle or elevation and azimuth of object upon first being observed - The object was first observed in the Northeast at an angle of about 40 to 45 degrees.

(4) Description of flight path and maneuvers of object - The object first observed in the Northeast, was travelling North to South in a gradual arc corresponding to the earth's curvature. It did not perform maneuvers or in any way deviate from its flight path during the very short time it was observed.

(5) How did the object disappear? - The object simply disappeared at about 40 degrees above the Eastern horizon as if the bright light was turned off or had burned out.

(6) How long was the object visible? - $1\frac{1}{2}$ seconds.

c. Manner of Observation:

(1) Ground - Visual.

(2) Optical Aids Used - None.

(3) If sighting made while airborne - Not applicable.

d. Time and date of sighting -

(1) Zulu Time - 2620.?

(2) Date of Sighting - 13 August 1958.

(3) Light Conditions - Night.

e. Location of Observers:

(1) Exact latitude and longitude 36-42 North, 97-05 West.

(2) Geographical Position - East-North-East side of Ponca City, Oklahoma, more toward the center of the North-eastern side of town.

f. Identifying Information on Observer:

Det #6, 4715th Ground Observer Squadron, Joplin Air Defense Filter Center, Hotel Connor, Joplin, Missouri, Subject: Unidentified Flying Object Report, 18 August 1958

(1) Civilian - Mr. [REDACTED], Age 36, [REDACTED] Ponca City, Oklahoma, Telephone Number [REDACTED] Supervisor at local Touraid Continental Oil Company. Mr. Ward has a high school education, is very intelligent and is adjudged to be a calm, mature man of competent reliability.

g. Weather and Winds - Conditions at time and place of sightings:

(1) Observer's account of weather conditions - Fair and clear with no moon observed. However, the numerous stars were clearly visible.

(2) Report from nearest weather bureau office - In weather reports from the Kansas City Regional Weather Bureau the following are winds aloft reports which were obtainable for the period 2400 to 2700 hours Zulu indicated.

<u>Altitude</u>	<u>Degrees</u>	<u>Velocity (Knots)</u>
Surface	112 degrees	5 knots
6,000 feet	090 degrees	10 knots
8,000 feet	360 degrees	15 knots
10,000 feet	337 degrees	20 knots
12,000 feet	337 degrees	15 knots
16,000 feet	360 degrees	10 knots
20,000 feet	315 degrees	10 knots

(3) Ceiling - Unlimited.

(4) Visibility - 10 miles or more.

(5) Amount of Cloud Cover - Clear.

(6) Thunderstorms in area - None.

h. Any other unusual activity or conditions (Meteorological, Astronomical, etc.) - None could be ascertained although the possibility of the object being a meteor has not been excluded.

i. Interception or identification action taken - None.

j. Any Air Traffic in Area at time of sighting - Kansas City Civil Aeronautics Center was contacted but they have nothing logged for time and date of unidentified flying object sighting over Ponca City, Oklahoma.

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k. Position, title and comments of the preparing officer:

Paul M. Dumais, First Lieutenant, United States Air Force, Joplin Air Defense Filter Center, Hotel Connor, Joplin, Missouri. This officer conferred with Mr. [REDACTED] who is head of the Mathematics Department at Oklahoma City University and a professor of astronomy. Mr. Meador concurred in this officer's belief that the physical description, characteristics and flying trajectory of the object, as given by the observer, gave every probable indication of its being a meteor. Mr. [REDACTED] home and mailing address is at [REDACTED], Oklahoma City, Oklahoma, telephone number [REDACTED]

l. Evidence of physical evidence, such as materials and photographs - None.



V. E. SUTTON
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