[redacted] UNCLASSIFIED

CLASSIFICATION (SECURITY INFORMATION when filled in)

SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY	REPORT NO.	PART SEVEN
Detachment 7, 1006th AISS Snelling AFS, St Paul 11, Minn	D7-UFOB-1-59	PAGE 15 OF 20 PAGES

I. SOURCE: 1st Lt. Dwight G. McQuade, ANG

Address: 2411 West 110th Street, BLOOMINGTON 20, MINNESOTA

Age: 28

Occupation: Airline Pilot (Pilot, 179th ANG FIS Squadron)

Education: High School Graduate
2 years college
Military Pilot Training
Civilian Pilot Training

Qualifications: Rated USAF Pilot and Civilian Airline Co-Pilot

II. RELIABILITY: Source was friendly and seemed to be sincere. He was of average intelligence and gave the information willingly. Source had difficulty recalling the details of the sighting due to time lapse since sighting.

III. SOURCE'S DESCRIPTION OF SIGHTING: 1st Lt. Dwight G. McQuade, pilot of an F-94C, was flying on a South Heading on a practice intercept of an F-94C at 30,000 feet (Refer to Fig. #1, Pt. #1). GALAHAD, the GCI station, (Refer to Fig. #1, Pt. #6) had difficulty setting this situation up. As he was trying to lock on the target aircraft, which was travelling in an Easterly direction (Refer to Fig. #1, Pt. #3), he passed through what seemed like a normal aircraft contrail (Refer to Fig. #1, Pt. #2), which he assumed had been made by his target aircraft. The F-94C's were making contrails, but this contrail appeared to be fresh, as it hadn't dissapated much. As he proceeded further, radar contact was made with the target aircraft. Upon determining that the contrail hadn't been made by the target aircraft, GALAHAD was contacted and GALAHAD informed the F-94C that it had made contact with a UFO. Lt. McQuade's aircraft proceeded to search the area (Refer to Fig. #1, Pt. #4). He dropped his altitude from 30,000 to 25,000 to 15,000 and at 11,000 feet going South the Radar Observer made a contact at 11 miles, 20 degrees of starboard or port (Refer to Fig. #1, Pt. #5). The aircraft closed the distance to within two (2) miles with radar lock-on at an estimated speed of 400 knots. During this closing period the Radar Observer indicated he saw something that might be chaff. The pilot had no visual contact with the UFO. At various times during the closing period the Radar Observer had as many as four contacts at one time which he believed to be airborne objects. He also had ground clutter on his radar during time of lock-on. The aircraft was locked on the UFO for approximately two (2) minutes at the two (2) mile distance before the lock-on was broken, either intentionally or unintentionally (Refer to Fig. #1, Pt. #7). The aircraft pursued the UFO for approximately two (2) minutes after the lock-on was broken before returning to DULUTH (Refer to Fig. #1, Pt. #8) because of lack of fuel.

2 Incls
1. Overlay of DULUTH Sectional Aeronautical Chart dated 3 May 1957
2. Airborne Observer's Data Sheet

[redacted] UNCLASSIFIED

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[redacted]

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SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY	REPORT NO.	PAGE OF PAGES
Detachment 7, 1006th AISS Snelling AFS, St Paul 11, Minn	D7-UFOB-1-59	

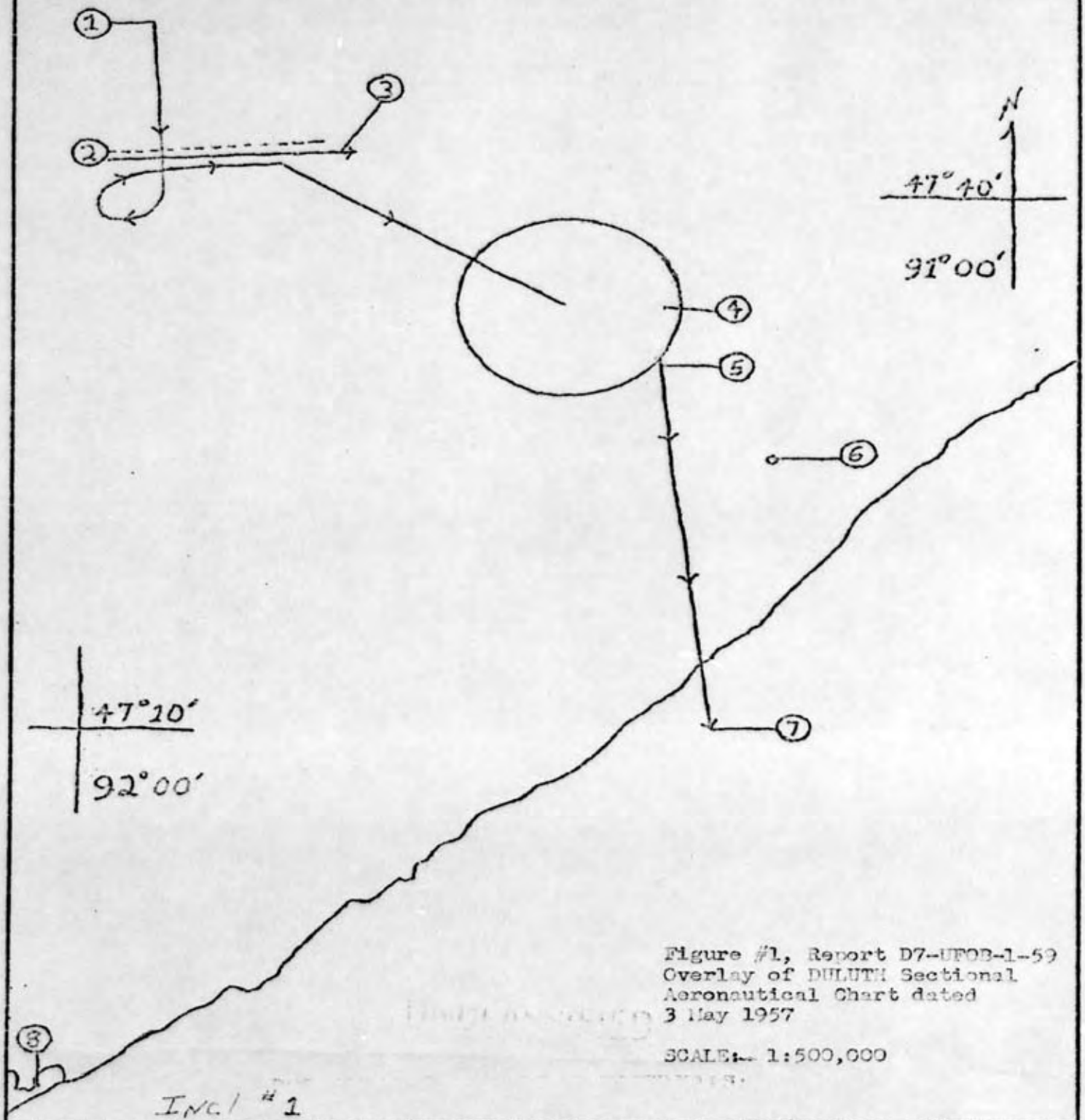

Figure #1, Report D7-UFOB-1-59
Overlay of DULUTH Sectional
Aeronautical Chart dated
3 May 1957

SCALE: 1:500,000

Inc # 1

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GOVERNMENT PRINTING OFFICE 1956 O-387562 16-66470-1

UNCLASSIFIED [redacted]

AIRBORNE OBSERVER'S DATA SHEET

This questionaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. Date observation was made:

12	March	1959
Day	Month	Year

2. Time observation was made:

Estimated 1830	CST	☐ Daylight Saving
Time	Zone	☒ Standard

or _____ Z (GMT)

3. Exact location of aircraft when the observation was first made:

Unknown
Coordinates

29 Jan 59

4. Crew members who made the observation. (List each name)

NAME	RANK	CREW POSITION
[redacted]	1/Lt	Pilot
[redacted]	Capt	Radar Observer

AISOP # 2
(19 Sep 56)

UNCLASSIFIED

Incl #2

[redacted]

5. Aircraft identification

a. Type aircraft F-94 C

b. Serial No. _____

c. Home Station Duluth, Minn.

6. Flight Data

a. Heading Varied

☐ Mag ☐ True ☐ Compass

b. Ind. Altitude 11,000

c. Ind. Airspeed 400 kts

☒ Knots ☐ MPH

7. Was an attempt to detect the object on airborne radar made? (Circle one)

(Yes) No No Radar Radar inoperative

a. If YES, describe: Locked on. Pick up at 9 miles, run down at two miles at some point between 9 & 2 miles, locked on and held lock-on between 1 & 2 minutes.

8. Was an intercept attempted? (Circle one) Yes (No)

9. Were photographs taken? (Circle one) Yes (No)

10. Were any other aircraft seen in the area? (Circle one) (Yes) No

a. If YES, was any attempt made to contact them? Comments: Two other A/C in Flight. We were aware of their presence.

11. Were any nearby ground stations contacted during or soon after the sighting? (Circle one) (Yes) No Comments: Galahad

[redacted]

UNCLASSIFIED

12. Were any unusual disturbances noted on the compass or radio?

(Circle one) Yes (No) Comments: _____

_____

13. Was any turbulence noted? (Circle one) Yes (No)

Comments: _____

_____

Radar contact. No visual contact

14. Estimate how long you saw the object. _____ Hours 1 - 2 Minutes _____ Seconds

Circle one of the following to indicate how certain you are of your answer to Question 14.

a. Certain (b.) Fairly certain c. Not very sure d. Just a guess

15. Did you observe the object through any of the following?

a. Eyeglasses Yes (No)
b. Sun glasses Yes (No)
c. Other _____

Dark night with fair visibility (Haze)

16. What was the condition of the sky? (Circle one)

a. Bright daylight
b. Dull daylight
c. Bright twilight
d. Just a trace of daylight
e. No trace of daylight
f. Don't remember

17. If you saw the object during daylight, twilight, or dawn, where was the sun located as you looked at the object? (Circle one)

a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember

UNCLASSIFIED

[redacted]

18. If you saw the object at night, twilight, or dawn, what did you notice concerning the stars and moon?

STARS (Circle one)
a. None
b. A few
c. Many
d. Don't remember

MOON (Circle one)
a. Bright moon light
b. Dull moonlight
c. No moonlight -- pitch dark
d. Don't remember

19. Was the object brighter than the background of the sky? (Circle one)

a. Yes b. No c. Don't remember

20. If it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight? (Circle one)

a. A mile or more away (a distant car)? b. Several blocks away?

c. A block away? d. Several yards away? e. Other _____

Surface Winds SSE at 15-20 kts

21. What were the wind conditions at the time you saw the object? (Circle one)

a. No wind b. Slight breeze c. Strong wind d. Don't remember

22. What type of cloud cover were you flying through at the time you saw the object? (Circle one)

a. Clear (b) Overcast c. Undercast

d. Above scattered clouds e. Below scattered clouds

f. Through scattered clouds g. Other Broken to overcast

23. Did the object appear: (Circle one)

a. Solid?

b. Transparent?

c. Don't know.

24. Did the object: (Circle one for each question)

a. Appear to stand still at any time?	Yes	No	Don't know
b. Suddenly speed up and rush away at any time	Yes	No	Don't know
c. Break up into parts or explode?	Yes	No	Don't know
d. Give off smoke?	Yes	No	Don't know
e. Change brightness?	Yes	No	Don't know
f. Change shape?	Yes	No	Don't know
g. Flicker, throb, or pulsate?	Yes	No	Don't know

25. Did the object move behind something at anytime, particularly a cloud? (Circle one) Yes No Don't know. If you answered YES, then tell what it moved behind. _____

_____

26. Did the object move in front of something at anytime, particularly a cloud? (Circle one) Yes No Don't know. If you answered YES, then tell what it moved in front of. _____

_____

27. The edges of the object were: (Circle one)

a. Fuzzy or blurred b. Like a bright star c. Sharply outlined

d. Don't remember e. Other _____

28. Describe in a few words the color of the object. _____

_____

29. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension. _____ feet.

36. How did the object or objects disappear from view? _____

37. What direction were you looking when you first saw the object? (Circle one)

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest

38. What direction were you looking when you last saw the object? (Circle one)

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest

39. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

40. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

41. In order that you can give as clear a picture as possible of what you saw, we would like for you to imagine that you could construct the object that you saw. Of what type material would you make it? How large would it be, and what shape would it have? Describe in your own words a common object or objects which when placed up in the sky would give the same appearance as the object which you saw.

42. Was this the first time that you had seen an object or objects like this?

(Circle one) Yes No If you answered no, then when, where, and under what circumstances did you see other ones? _____

_____

_____

43. In your opinion what do you think the object was and what might have caused it?

None

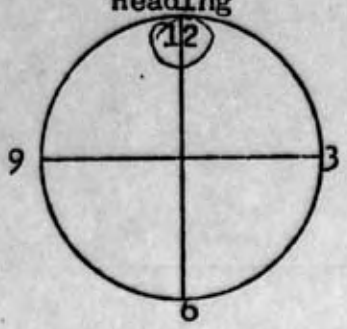
44. If practicable, attach to this page the section of a local area chart which shows the location of the sighting. On this chart plot the flight path of your aircraft and the flight path of the object.

If a local area chart is not available, roughly sketch in the area of the sighting showing latitude and longitude. Then plot the flight path of your aircraft and the flight path of the object. Put in prominent landmarks as necessary.

45. Show the location of the object in relation to the aircraft by placing an "X" on the edge of the circle at the o'clock position and state high, low or level. If this relationship changed during the sighting, use another circle and show the new relationship of the object to the aircraft. Also indicate any changes of heading of your aircraft.

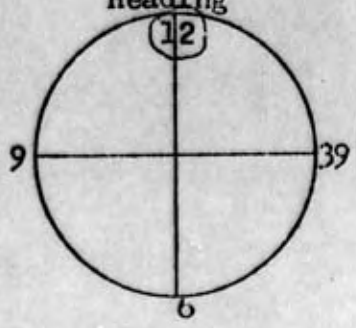
11,000 ft these headings not absolutely exact

180° Heading



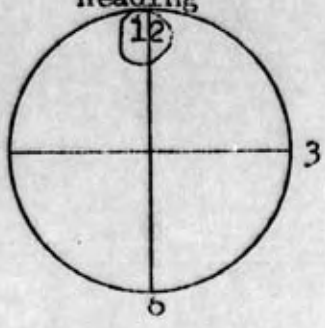
(Circle one)
HIGH
LOW
LEVEL

200° Heading

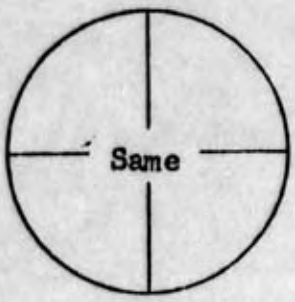


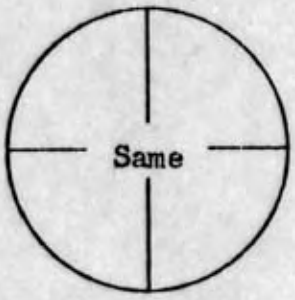
(Circle one)
HIGH
LOW
LEVEL

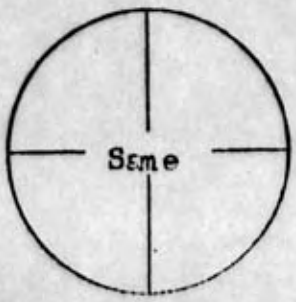
160° Heading

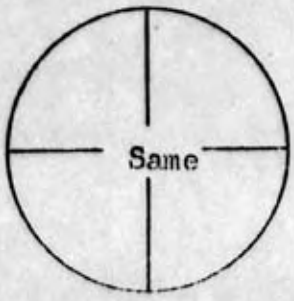


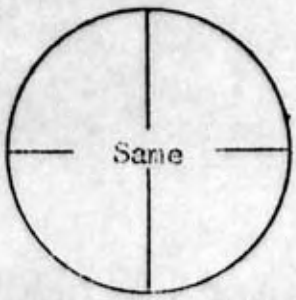
(Circle one)
HIGH
LOW
LEVEL











46. Please give a brief narrative account of sighting and any other additional data or comments.

47. Please give the following information about yourself:

NAME [redacted] (Last Name) [redacted] (First Name) [redacted] (Middle Name)

ADDRESS [redacted] (Street) Bloomington (City) 20 (Zone) Minn (State)

TELEPHONE NUMBER [redacted]

What is your present job? Airline Pilot

Age 28 Sex Male

Please indicate any special educational training that you have had.

a. Grade School 8
b. High School 4
c. College 2
d. Post graduate
e. Technical School USAF and
(Type) Airline Flying Training
f. Flying School USAF
g. Other special training

48. Date you completed this questionaire?:

18 (Day) March (Month) 1959 (Year)

[redacted]

CLASSIFICATION (SECURITY INFORMATION when filled in)

SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY	REPORT NO.	PART EIGHT
Detachment 7, 1006th AISS Snelling AFS, St Paul 11, Minn	D7-UFOB-1-59	PAGE 16 OF 20 PAGES

I. SOURCE: 1st Lt. Tony A. Cox, Jr., AO 3071008, USAF

Address: 11th FIS, DULUTH MUNICIPAL AIRPORT, MINNESOTA

Age: 26 DOB: 3 December 1932

Occupation: Pilot, USAF (F-102A)

Education: Graduate High School, Trussville, Alabama, 1951; Graduate University of Alabama (Biology and Chemistry) 1956.

Qualifications: Primary Pilot Training, 6 months, 4 January 1957; Bainbridge Air Base, Georgia. Basic Jet Training, 6 months, Webb AFB, Texas; Interception School, 5 months, Moody AFB, Georgia. Overall total flying hours: 500 hours; (375 hours jet).

II. RELIABILITY: Lt. Cox, Jr., was extremely cooperative, friendly and sincere. He appeared to be of above average intelligence. The Operations Officer of the 11th FIS stated that Lt. Cox was a very dependable and capable pilot. All information was voluntarily submitted. Lt. Cox's information was scanty in some areas of the information due to his unavailability for an immediate interview. Lt. Cox was scrambled on the night of 12 March 1959 (CST). He departed on a cross-country flight 14 March 1959 and was not available for an interview until the night of 18 March 1959.

III. SOURCE'S DESCRIPTION OF SIGHTING: On 13 March 1959 at 0140Z, 1st Lt. Tony A. Cox, Jr., AO 3071008, 11th FIS, DULUTH MUNICIPAL AIRPORT, MINNESOTA (FKNB 5052) in an F-102A, designated as RED I, took off on a hot scramble which was called in by P-69. Lt. Cox took off on a 360° track on corridor departure. After leaving the corridor, RED I was given a 040° heading and to climb gate to 20,000 feet altitude. At that time RED I had difficulties picking up P-69 (FINLAND, MINNESOTA AC&W SITE (FKPC 4525)) on channels 10 and 12. RED I pilot then tried to contact P-69 on the guard channel, and was successful. P-69 gave a general run down of the situation. P-69 also briefed the pilot about the unknowns and contrails supposedly seen by SCOTCH FLIGHTS I, II and III. RED I encountered poor visibility near GALAHAD. The ground lights were very obscure (RED I pilot was well acquainted with this area). P-69 then informed RED I to search the area. RED I received obscure contacts on his radar scope. RED I thought he had three bogies on his scope. RED I pilot stated that the bogies were poorly defined. RED I called P-69 that he

[redacted]
CLASSIFICATION (SECURITY INFORMATION when filled in)

SUPPLEMENT TO AF FORM 112

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Detachment 7, 1006th AISS Snelling AFS, St Paul 11, Minn	D7-UFOB-1-59	PAGE 16 OF 20 PAGES

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[redacted]

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ORIGINATING AGENCY	REPORT NO.	PART EIGHT
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RED I stated that the contact faded off the radar scope gradually. P-69 then controlled the pilot of RED I on another search mission, but the pilot could not recall the heading. No interception was made.

While the pilot was returning to his home base, the pilot thought he had observed a visual at approximately 1:00 o'clock position at the approximate level of the aircraft, which was 25 angels. The pilot relayed this information to P-69. The pilot stated that the visual contact appeared as a blinking light. There was no contact on the aircraft radar scope. RED I thought he was pursuing a light that could have been a planet. The light's colors appeared to be white, green and red and were flashing intermittenly. Lt. Cox, the pilot, turned off the cockpit lights so as to eliminate the reflection of aircraft lights within the cockpit so a determination could be made of the unknown light. RED I was going gate. It was the pilot's opinion that the unknown light was some sort of optical illusion. It was a very dark night. RED I pilot gave up the pursuit of the unknown light and headed back to DULUTH MUNICIPAL AIRPORT, MINNESOTA.

1 Incl
Airborne Observer's Data Sheet

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[redacted]

GOVERNMENT PRINTING OFFICE 1952—O-387542 16—65479-1

[redacted]

UNCLASSIFIED

AIRBORNE OBSERVER'S DATA SHEET

This questionaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. Date observation was made:

13	March	1959
Day	Month	Year

2. Time observation was made:

_____ Time _____ Zone ☐ Daylight Saying ☐ Standard

or 0140 Z (GMT)

3. Exact location of aircraft when the observation was first made:

Dont Know
Coordinates

4. Crew members who made the observation. (List each name)

NAME	RANK	CREW POSITION
[redacted]	1st Lt.	Pilot

AISOP # 2
(19 Sep 56)

UNCLASSIFIED

[redacted]

5. Aircraft identification

a. Type aircraft F-102A

b. Serial No. _____

c. Home Station DULUTH AFB, Minn.

6. Flight Data

a. Heading 090 degrees

☐ Mag ☐ True ☒ Compass

b. Ind. Altitude 20 Angels

c. Ind. Airspeed .92 Mach

☐ Knots ☐ MPH

7. Was an attempt to detect the object on airborne radar made? (Circle one)

(Yes) No No Radar Radar inoperative

a. If YES, describe: By following GCI vectors

8. Was an intercept attempted? (Circle one) (Yes) No

9. Were photographs taken? (Circle one) Yes (No)

10. Were any other aircraft seen in the area? (Circle one) Yes No Don't Know

a. If YES, was any attempt made to contact them? Comments: _____

11. Were any nearby ground stations contacted during or soon after the sighting?

(Circle one) (Yes) No Comments: Galahad was immediately notified

12. Were any unusual disturbances noted on the compass or radio?

(Circle one) Yes (No) Comments: _____

_____

13. Was any turbulence noted? (Circle one) (Yes) No

Comments: At flight level altitude light

_____

14. Estimate how long you saw the object. 1st contact 7 seconds
2nd contact 3 seconds

Hours Minutes Seconds

Circle one of the following to indicate how certain you are of your answer to Question 14.

a. Certain b. Fairly certain (c.) Not very sure d. Just a guess

15. Did you observe the object through any of the following?

a. Eyeglasses Yes (No)
b. Sun glasses Yes (No)
c. Other Radar (Yes)

16. What was the condition of the sky? (Circle one)

a. Bright daylight
b. Dull daylight
c. Bright twilight
d. Just a trace of daylight
e. No trace of daylight
f. Don't remember
(g.) None of above

17. If you saw the object during daylight, twilight, or dawn, where was the sun located as you looked at the object? (Circle one)

a. In front of you
b. In back of you
c. To your right
d. To your left
e. Overhead
f. Don't remember
g. Not apllicable

[redacted]

18. If you saw the object at night, twilight, or dawn, what did you notice concerning the stars and moon?

STARS (Circle one)
a. None
(b.) A few
c. Many
d. Don't remember

MOON (Circle one)
a. Bright moon light
b. Dull moonlight
(c.) No moonlight -- pitch dark
d. Don't remember

19. Was the object brighter than the background of the sky? (Circle one)

a. Yes b. No c. Don't remember
D. DARK N/A

20. If it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight? (Circle one)

a. A mile or more away (a distant car)? b. Several blocks away?
c. A block away? d. Several yards away? e. Other N/A

21. What were the wind conditions at the time you saw the object? (Circle one)

a. No wind b. Slight breeze (c.) Strong wind d. Don't remember

22. What type of cloud cover were you flying through at the time you saw the object? (Circle one)

a. Clear b. Overcast c. Undercast
d. Above scattered clouds e. Below scattered clouds
f. Through scattered clouds g. Other IN HAZY OVERCAST

23. Did the object appear: (Circle one)

(a.) Solid?
b. Transparent?
c. Don't know.

24. Did the object: (Circle one for each question)

a. Appear to stand still at any time?	(Yes)	No	Don't know
b. Suddenly speed up and rush away at any time	(Yes)	No	Don't know
c. Break up into parts or explode?	Yes	(No)	Don't know
d. Give off smoke?	Yes	(No)	Don't know
e. Change brightness?	(Yes)	No	Don't know
f. Change shape?	Yes	(No)	Don't know
g. Flicker, throb, or pulsate?	(Yes)	No	Don't know

25. Did the object move behind something at anytime, particularly a cloud?

(Circle one) Yes No (Don't know.) If you answered YES, then tell what it moved behind. _____

_____

26. Did the object move in front of something at anytime, particularly a cloud?

(Circle one) Yes No (Don't know.) If you answered YES, then tell what it moved in front of. _____

_____

27. The edges of the object were: (Circle one)

(a.) Fuzzy or blurred b. Like a bright star c. Sharply outlined

d. Don't remember e. Other HOWEVER IN SHORT PULSE, I BELIEVE A SHARP CONTACT WAS MADE

28. Describe in a few words the color of the object. N/A except on one visual sighting, blinking lights were seen.

_____

29. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension. Not possible _____ feet.

30. Do you think you can estimate the speed of the object?

(Circle one) Yes (No)

If you answered YES, then what speed would you estimate? _____ MPH.
However it did cross scope with amazing rapidity

31. Do you think you can estimate how far away from you the object was?

(Circle one) (Yes) No

If you answered YES, then how far asay would you say it was? below 5 ~~miles~~ feet.

32. Try to estimate the number of degrees the object was from true North (Azimuth).

32.1 When it first appeared: _____degrees.

32.2 When it disappeared: _____degrees.
30 degrees ATA on first sighting

33. If there was more than one object, then how many were there? Approx 3 ?

Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

34. How large did the object or objects appear as compared with one of the following objects held in the hand and at arm's length? (Circle one)

a. Head of a pin
(b.) Pea
c. Dime
d. Nickel
e. Quarter
f. Half Dollar
g. Silver Dollar
h. Baseball
i. Grapefruit
j. Basketball
k. Other _____
_____

35. Circle one of the following to indicate how certain you are of your answer to Question 34.

a. Certain (b.) Fairly certain c. Not very sure d. Uncertain

[redacted] UNCLAS

36. How did the object or objects disappear from view?

Never did on visual

37. What direction were you looking when you first saw the object? (Circle one)

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest
i ?

38. What direction were you looking when you last saw the object? (Circle one)

a. North c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest
i. ?

39. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

Saw only a blinking red, white, and green light

40. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

Can't do so

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[redacted]

41. In order that you can give as clear a picture as possible of what you saw, we would like for you to imagine that you could construct the object that you saw. Of what type material would you make it? How large would it be, and what shape would it have? Describe in your own words a common object or objects which when placed up in the sky would give the same appearance as the object which you saw.

The one light was the only visual except for Radar contacts.

42. Was this the first time that you had seen an object or objects like this?

(Circle one) Yes (No) If you answered no, then when, where, and under what circumstances did you see other ones?

Visual - Aircraft light, many times. Radar - blurred targets many times.

43. In your opinion what do you think the object was and what might have caused it?

Visual - A bright planet
Radar - Airborne objects

44. If practicable, attach to this page the section of a local area chart which shows the location of the sighting. On this chart plot the flight path of your aircraft and the flight path of the object.

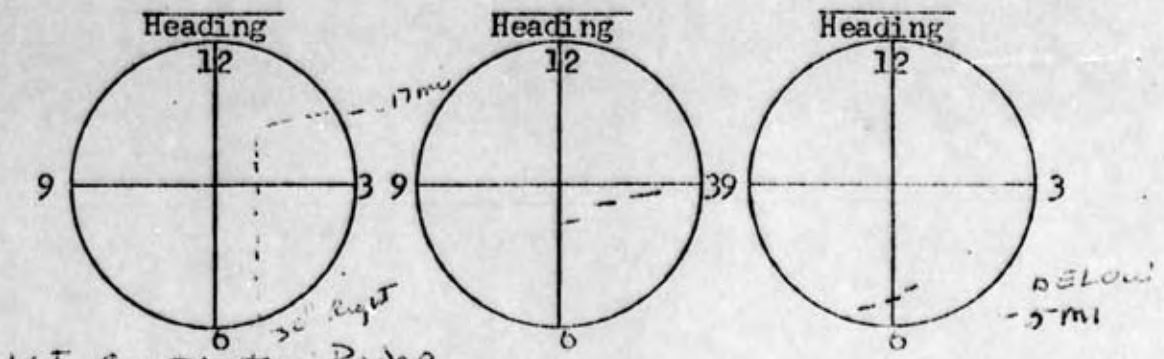
Can't Do so.

If a local area chart is not available, roughly sketch in the area of the sighting showing latitude and longitude. Then plot the flight path of your aircraft and the flight path of the object. Put in prominent landmarks as necessary.

This inquiry is being made 6 days after the occurance. It was an extremely dark night with poor air to ground visibility. I do not recall the headings nor the exact position of contacts made at that time. I was given vectors to home plate at regular intervals, but recall only that I was located around Callahad, thus North of Duluth.

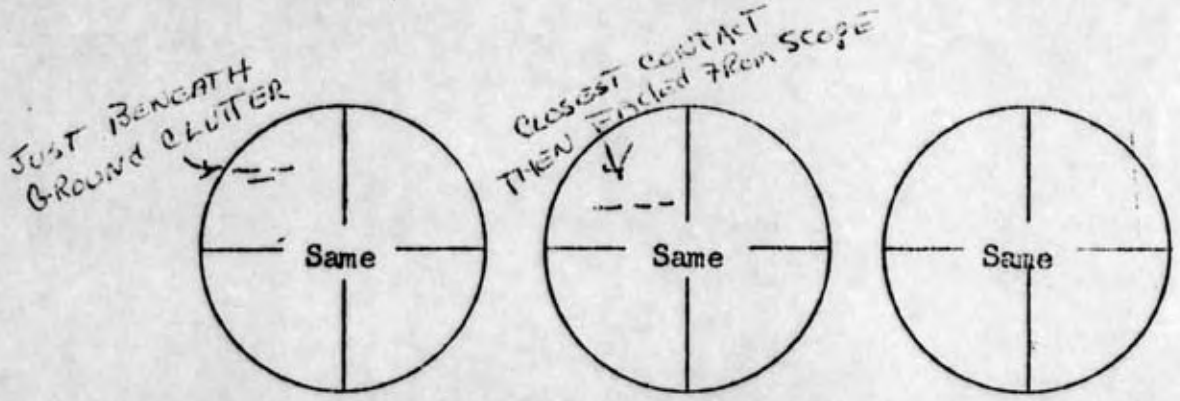
UNCLASSIFIED

45. Show the location of the object in relation to the aircraft by placing an "X" on the edge of the circle at the o'clock position and state high, low or level. If this relationship changed during the sighting, use another circle and show the new relationship of the object to the aircraft. Also indicate any changes of heading of your aircraft.

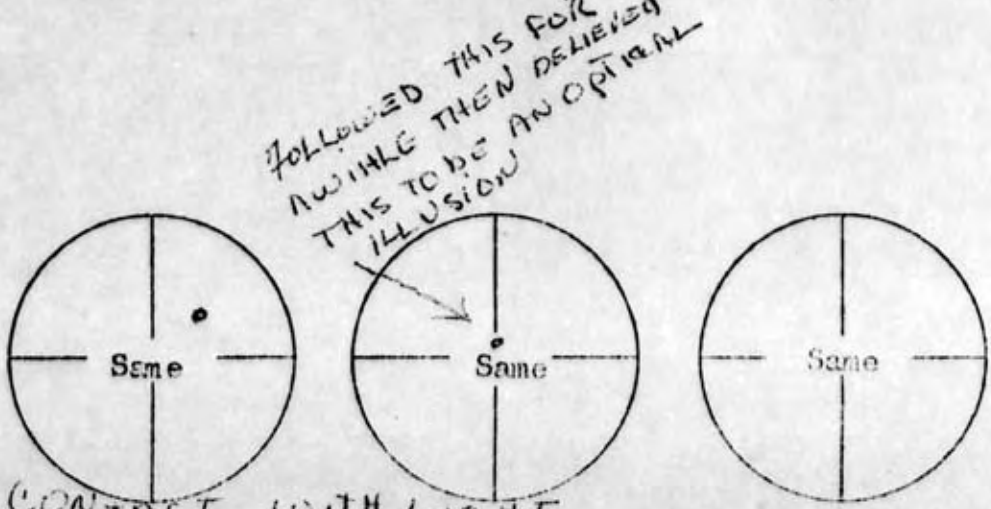


1ST CONTACT ON RADAR

(Circle one)	(Circle one)	(Circle one)
HIGH	HIGH	HIGH
LOW	LOW	LOW
LEVEL	LEVEL	LEVEL



2ND RADAR CONTACT



VISUAL CONTACT WITH LIGHT

46. **Please give a brief narrative account of sighting and any other additional data or comments.**

I had two radar contacts. The first was at around 30° right below the ground clutter. Lock-on was made however electronic jamming seemed to be incurred and lockon could not be maintained. 2nd lockon was made and then broke lock. An overtake greater than TAS was gotten. The targets then a appeared to cut into me and crossed in front of scope with great rapidity. The second contact was made but not so defined as the second.

The visual contact described previously is believed to be an optical illusion.

In this pilots opinion, definite airborne objects were seen on the radar, however no interception was possible.

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47. Please give the following information about yourself:

NAME [redacted] (Last Name) [redacted] (First Name) [redacted] (Middle Name)

ADDRESS [redacted] (Street) Duluth Municipal Airport, Duluth (City) [redacted] (Zone) Minnesota (State)

TELEPHONE NUMBER [redacted]

What is your present job? Alert Pilot 11th FIS

Age 26 Sex Male

Please indicate any special educational training that you have had.

a. Grade School x
b. High School x
c. College x
d. Post graduate 1 year
e. Technical School ____
(Type) ____
f. Flying School x
g. Other special training ____

48. Date you completed this questionaire?:

18 (Day) MAR (Month) 59 (Year)