PROJECT 10073 RECORD

1. DATE - TIME GROUP

18 August 66 19/0305Z

2. LOCATION

Duluth, Minn. (2 witnesses)

3. SOURCE

Civilian

4. NUMBER OF OBJECTS

Two

5. LENGTH OF OBSERVATION

5 Minutes

6. TYPE OF OBSERVATION

Ground-Visual

7. COURSE

E

8. PHOTOS

☐ Yes
☒ No

9. PHYSICAL EVIDENCE

☐ Yes
☒ No

10. CONCLUSION

Possible (AIRCRAFT) ~ Jet.

11. BRIEF SUMMARY AND ANALYSIS

Observers noted two large red flashing lights that were bobbing up and down and traveling toward the east. One object was observed and two minutes later followed another similar object.

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire 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. 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. When did you see the object?

18th (Day) august (Month) 1966 (Year)

2. Time of day: 10 (Hour) 05 (Minutes)

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): a. Eastern
(b. Central)
c. Mountain
d. Pacific
e. Other _____

(Circle One): (a. Daylight Saving)
b. Standard

4. Where were you when you saw the object?

[redacted] (Nearest Postal Address) Duluth (City or Town) Minnesota (State or County)

5. How long was object in sight? (Total Duration) _____ (Hours) .5 (Minutes) _____ (Seconds)

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

5.1 How was time in sight determined? Wrist Watch

5.2 Was object in sight continuously? Yes V No ____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a. Bright)
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, 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

FORM FTD OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

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

8.2 MOON *(Circle One)*:

(a. Bright moonlight)
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

(a. Clear sky)
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

(a. Dry)
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
(d. As a light)
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

(a. Brighter)
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to some common object:

The Moon

12. 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 Round

13. 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. Flash or flicker?	(Yes)	No	Don't know
h. Disappear and reappear?	(Yes)	No	Don't know

14. Did the object disappear while you were watching it? If so, how?

Just Disapeared

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind: _____

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): (Yes) No Don't Know. IF you answered YES, then tell what in front of: _____

an another object follow it

17. Tell in a few words the following things about the object:

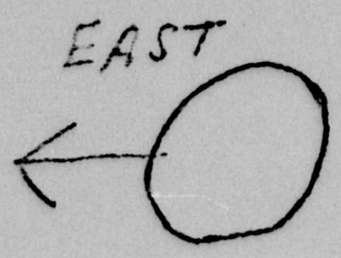
a. Sound No

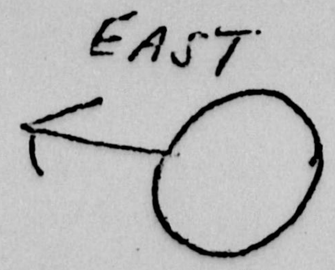
b. Color Flashing Red Lights

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

Two Large

19. 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.





20. 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? _____

21. 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 away would you say it was? One mile

22. Where were you located when you saw the object? *(Circle One):*

a. Inside a building
b. In a car
(c. Outdoors)
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you *(Circle One)*

a. In the business section of a city?
(b. In the residential section of a city?)
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? *(Circle One)*

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

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

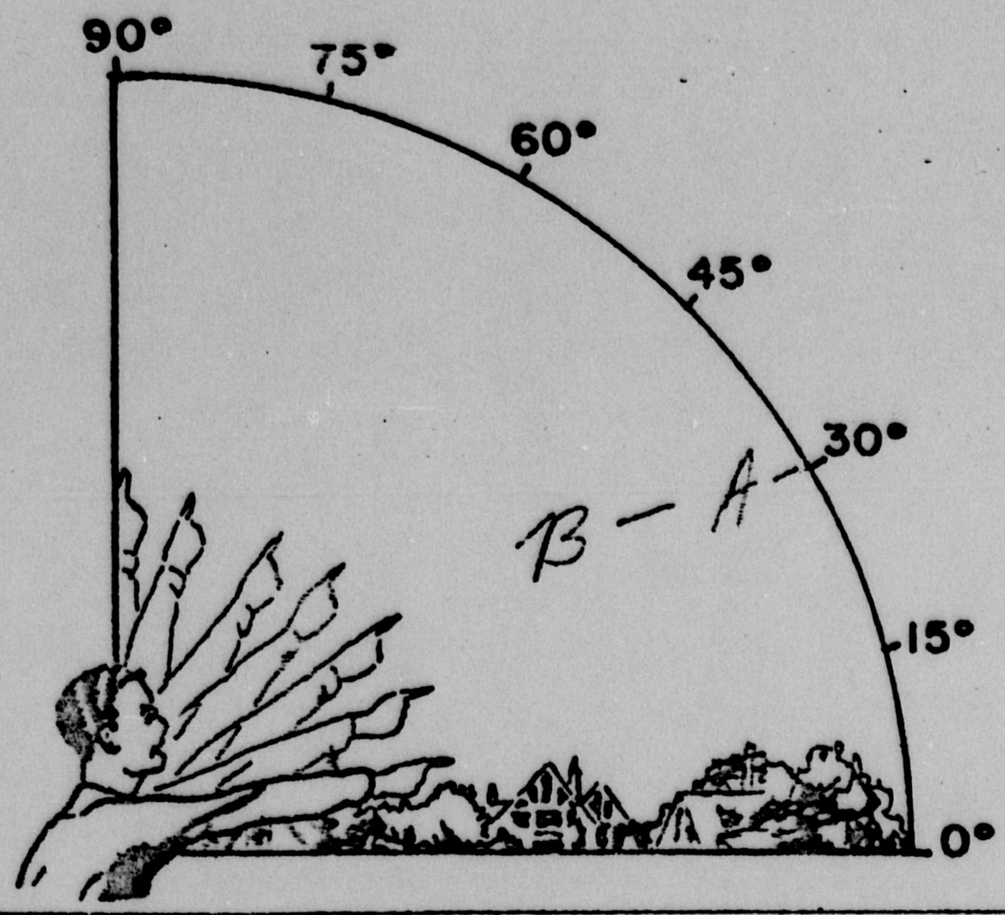
25. Did you observe the object through any of the following?

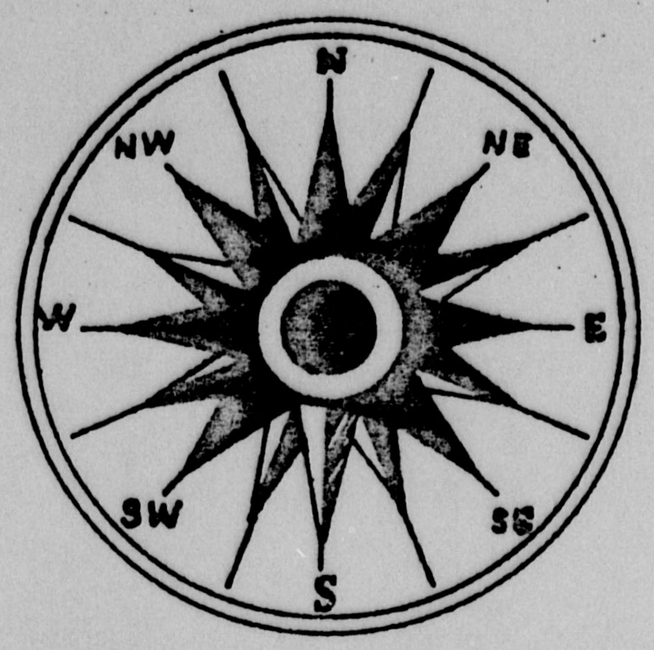
a. Eyeglasses	Yes	(No)	e. Binoculars	Yes	(No)
b. Sun glasses	Yes	(No)	f. Telescope	Yes	(No)
c. Windshield	Yes	(No)	g. Theodolite	Yes	(No)
d. Window glass	Yes	(No)	h. Other EYES		

26. In order that you can give as clear a picture as possible of what you saw, 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.

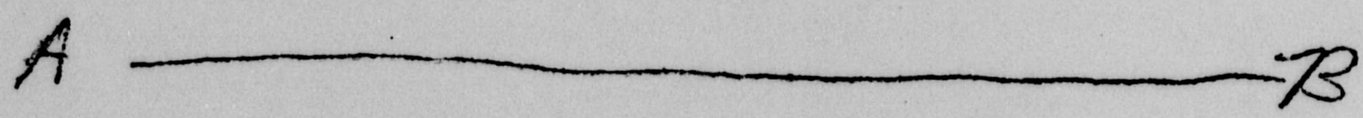
Round Object

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. 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.



29. IF there was MORE THAN ONE object, then how many were there? 2

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



Bobbing up and down

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

No

31. Was anyone else with you at the time you saw the object? *(Circle One)* (Yes) No

31.1 IF you answered YES, did they see the object too? *(Circle One)* (Yes) No

31.2 Please list their names and addresses:

[redacted]

32. Please give the following information about yourself:

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

ADDRESS [redacted] (Street) Duluth (City) 5 (Zone) Minn. (State)

TELEPHONE NUMBER [redacted] AGE 22 SEX Male

Indicate any additional information about yourself, including any special experience, which might be pertinent.

33. When and to whom did you report that you had seen the object?

18th (Day) August (Month) 1966 (Year)

U. S. Air Force

34. Date you completed this questionnaire: 7th (Day) September (Month) 1966 (Year)

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire 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. 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. When did you see the object?

18 (Day) Aug. (Month) ~~Aug.~~ 1966 (Year)

2. Time of day: 10 (Hour) 5 (Minutes)

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): a. Eastern
b. (Central)
c. Mountain
d. Pacific
e. Other _____

(Circle One): a. (Daylight Saving)
b. Standard

4. Where were you when you saw the object?

[redacted] (Nearest Postal Address) Duluth (City or Town) Minnesota (State or County)

5. How long was object in sight? (Total Duration) _____ Hours 5 Minutes _____ Seconds

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

5.1 How was time in sight determined? wristwatch

5.2 Was object in sight continuously? Yes (X) No ____

6. What was the condition of the sky?

DAY
a. (Bright)
b. Cloudy

NIGHT
a. (Bright)
b. Cloudy

7. IF you saw the object during DAYLIGHT, 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

FORM FTD OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS *(Circle One)*:

a. None
b. A few
c. Many
d. Don't remember

8.2 MOON *(Circle One)*:

a. Bright moonlight
b. Dull moonlight
c. No moonlight – pitch dark
d. Don't remember

9. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same
d. Don't know

11.1 Compare brightness to same common object:

Normal

12. 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 Normal

13. 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. Flash or flicker?	Yes	No	Don't know
h. Disappear and reappear?	Yes	No	Don't know

14. Did the object disappear while you were watching it? If so, how?

Just disapiered

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what it moved behind:

followed the Lake East.

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes (No) Don't Know. IF you answered YES, then tell what in front of:

another object followed 2 min. after.

17. Tell in a few words the following things about the object:

a. Sound no

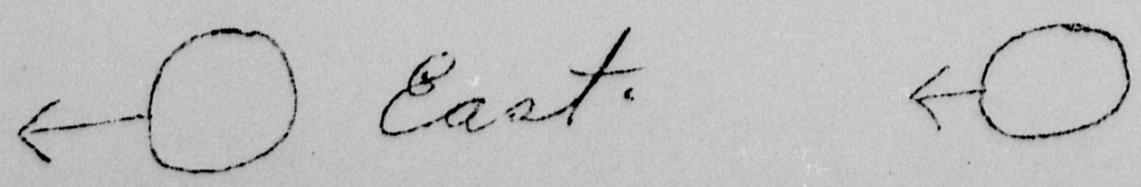
b. Color Orange flashing red lights.

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

to large.

19. 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.



20. 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? _____

21. 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 away would you say it was? 1 mile

22. Where were you located when you saw the object? (Circle One):

a. Inside a building
b. In a car
c. (Outdoors)
d. In an airplane (type)
e. At sea
f. Other _____

23. Were you (Circle One)

a. In the business section of a city?
(b.) In the residential section of a city?
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other over the lake

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

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

24.2 How fast were you moving? _____ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

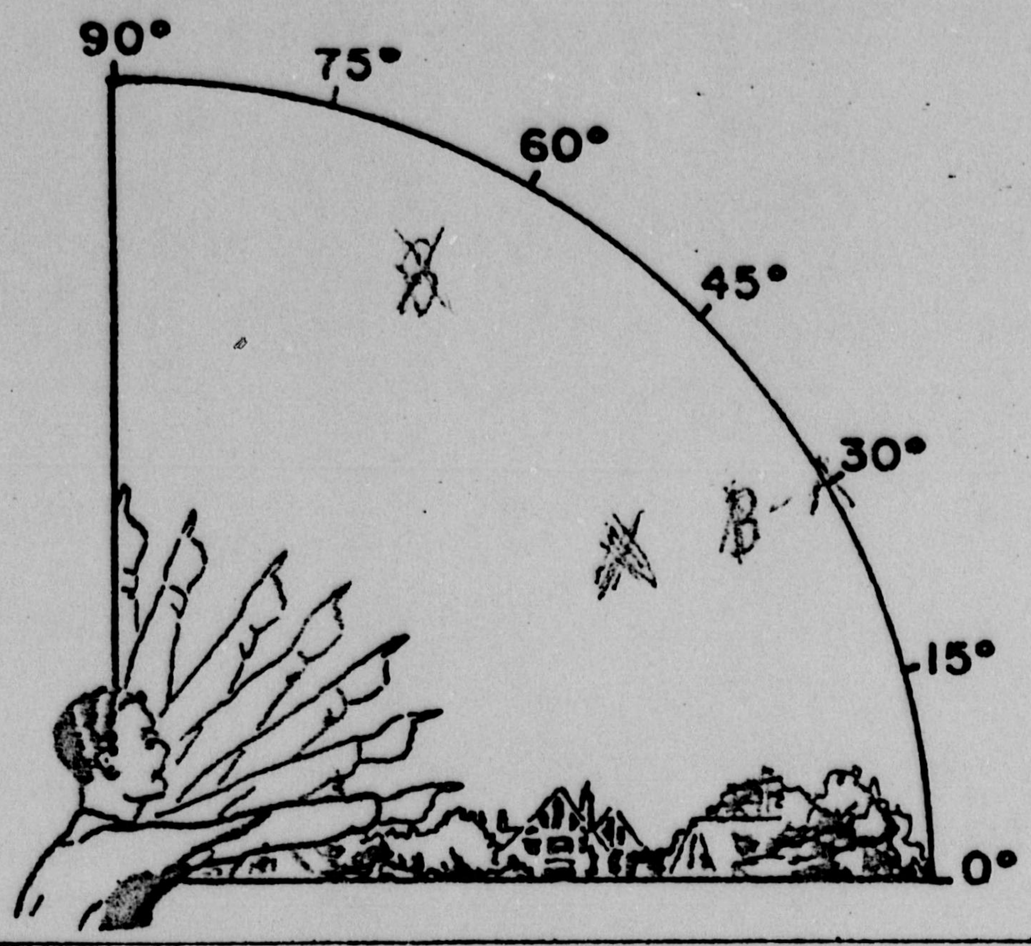
25. Did you observe the object through any of the following?

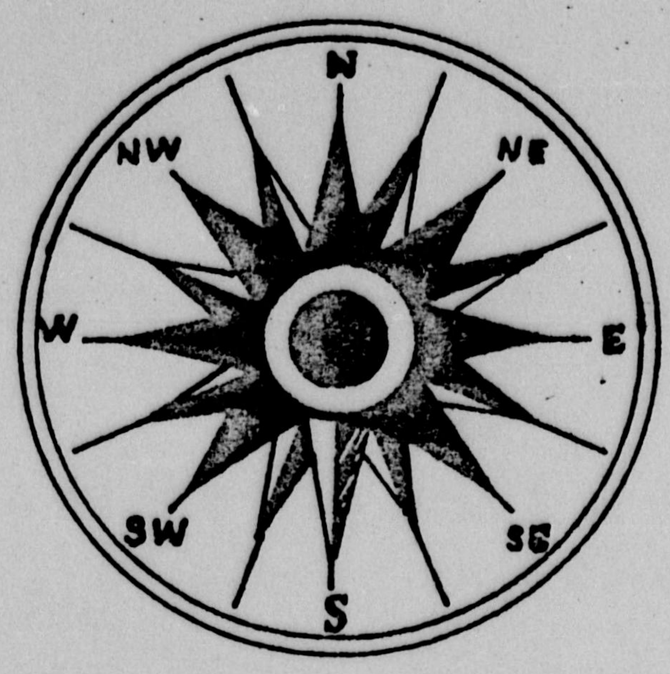
a. Eyeglasses	(Yes)	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield.	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, 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.

round

27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. 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.

East A ——————————— B

29. IF there was MORE THAN ONE object, then how many were there? 2
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

East ←

Nothing

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

no

31. Was anyone else with you at the time you saw the object? *(Circle One)* (Yes) No

31.1 IF you answered YES, did they see the object too? *(Circle One)* (Yes) No

31.2 Please list their names and addresses:

[redacted]

Duluth

32. Please give the following information about yourself:

N[redacted]

Name First Name

ADDRESS [redacted] Duluth 5 Minn.

Street City Zone State

TELEPHONE NUMBE[redacted]E _____ SEX female

Indicate any additional information about yourself, including any special experience, which might be pertinent.

nurses aid also owner of a Boarding home for the aged.

33. When and to whom did you report that you had seen the object?

18 Aug. 1966 Duluth Air Base.

Day Month Year

34. Date you completed this questionnaire: 7 (Day) Sept. (Month) 1966 (Year)

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

Dale & I left the car walked across the street looked toward the lake as the moon was bright & beautiful, when we noticed the object and watched it move East bobbing up and down when the other object followed 2 min. afterward.

That is all we can tell you.

Duluth, Minn. 19 Aug. 66

FTD (TDETR) hl
Wright-Patterson AFB, Ohio 45433
1 September 1966

[redacted] Street
Duluth, Minnesota 55805

Dear [redacted]

Reference your unidentified observation of 19 August 1966. The information which we have received is not sufficient for evaluation. Request you complete the attached FTD Form 164 and return it in the envelope provided.

We wish to thank you for reporting your observation to the Air Force.

Sincerely,

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Project Blue Book

OFFICIAL FILE COPY
TDETR
Office of Record

FTD (TDETR) hl
Wright-Patterson AFB, Ohio 45433
1 September 1966

[redacted] Street
Duluth, Minnesota 55805

Dear [redacted]

Reference your unidentified observation of 19 August 1966. The information which we have received is not sufficient for evaluation. Request you complete the attached FTD Form 164 and return it in the envelope provided.

We wish to thank you for reporting your observation to the Air Force.

Sincerely

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Project Blue Book

OFFICIAL FILE COPY
TDETR
Office of Record

UNCLASSIFIED ROUTINE

3-ETR

311

1253 MS 25 03 50

RTTU JAW RUNTPT00001 2350155-UUUU--RUEDFIA.

ZNR UUUUU

R 2301552 AUG 66

FM HQ 29ADIV DULUTH INTL APRT MINN

TO RUWMFVA/ADC

RUMTFLA/10AF RICHARDS GEBAUR AFB MO

RUEDFIA/FOREIGN TECH DIV WRIGHT PATTERSON AFB OHIO

BT

UNCLAS 29-UIN 08042 AUG 66. FOR: USAF, SAFOI & AFNIN,

10 AIR FORCE. SUBJECT: UFO

1. DESCRIPTION OF OBJECT

A. ROUND

B. LARGE

C. BRIGHT RED

D. TWO

F. FIERY BALL

G. NO TRAIL

H. SILENT

I. BOBBED ALONG IN THE AIR

2. DESCRIPTION OF COURSE OF OBJECT

A. THOUGHT IT WAS MOON RISING

13

ACT	INFORMATION
	FTD

Send 164

UNCLASSIFIED ROUTINE

UNCLASSIFIED ROUTINE

B. ABOUT 400 FEET NORTH

UNCLASSIFIED ROUTINE

B. ABOUT 400 FEET NORTH

C. 400 FEET EAST

D. STRAIGHT EAST

E. SUDDEN

F. FIVE TO TEN MINUTES

3. MANNER OF OBSERVATION

A. VISUAL

B. EYEGLASSES

C. NONE

4. TIME AND DATE OF SIGHTING

A. 19/0245Z

B. NIGHT

5. LOCATION OF OBSERVERS: DULUTH, MINN

6. IDENTIFYING INFO OF ALL OBSERVERS: [redacted]

AGE 59, [redacted] DULUTH; [redacted] AGE 22,

[redacted] DULUTH, HOSPITAL MAINTENANCE MAN

7. WEATHER AND WINDS ALOFT AT TIME OF SIGHTING

UNCLASSIFIED ROUTINE

UNCLASSIFIED ROUTINE

A. CLEAR

UNCLASSIFIED ROUTINE

A. CLEAR

B. AWS ACCOUNT OF WIND DIRECTION AND VELOCITY AT:

(1) 320/4 KTS wind blowing toward SE

(2) 330/13 poss. Hot Air balloons?

etm

(3) 310/25

(4) 290/27

(5) 280/57

(6) 280/57

(7) 280/36

C. CEILING UNLIMITED

F. NONE

8. UNUSUAL ACTIVITY IN THE AREA - INVERSION FROM 5,000 TO 10,000 FEET

9. INTERCEPTION OR IDENTIFICATION ACTION TAKEN: NONE

10. LOCATION OF KNOWN AIR TRAFFIC IN AREA AT TIME OF SIGHTING: CESSNA MAKING TOUCH AND GOES AT DULUTH AIRPORT.

11. POSITION TITLE OF PREPARING OFFICER: SENIOR

UNCLASSIFIED ROUTINE

UNCLASSIFIED ROUTINE

DIRECTOR.

DIRECTOR.

12. PHYSICAL EVIDENCE

A. NONE

B. NONE

13. REMARKS OF REPORTING CONTROLLER: THE A/C WAS IN THE AREA BUT DISTINCT FROM THE UFO.

14. RECEIVED BY: MAJOR MACQUARRIE.

ST

NNNN#