PROJECT 10073 RECORD

1. DATE - TIME GROUP	2. LOCATION
16 August 66 17/0330Z	Minnesota, North Dakota, Wisconsin
3. SOURCE	**10. CONCLUSION**
Civilian & Military	Other (ARTIFICIAL CLOUD RELEASE)
4. NUMBER OF OBJECTS	At 2239 CDT there was a rocket launched from Fort Churchill, Canada. A barium cloud release followed.
One	
5. LENGTH OF OBSERVATION	**11. BRIEF SUMMARY AND ANALYSIS**
Varied	SEE CASE FILE
6. TYPE OF OBSERVATION	
Air-Ground-Visual	
7. COURSE	
Stationary in the N	
8. PHOTOS	
☐ Yes XX No	
9. PHYSICAL EVIDENCE	
☐ Yes XX No	

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

HEADQUARTERS
29TH NORTH AMERICAN AIR DEFENSE DIVISION
DULUTH INTERNATIONAL AIRPORT
DULUTH, MINNESOTA 55814

AREA CODE 218
727-8211
EXT: O/L 755

Ref my Weather report

REPLY TO ATTN OF: 29NINT

22 August 1966

SUBJECT: Unidentified Flying Objects

TO: AFSC (FTD)
Wright Patterson AFB, Ohio 45433

1. The attached reports have been submitted in letter form in an attempt to be as complete as possible. Some of the reports came into this office via secondhand and were chased down necessitating many phone calls and, of course, much clerical work using borrowed stenographers. There is no physical evidence of any sort to substantiate the sightings; however, the reports generally came from reliable sources, and the writer feels, especially in the case of [redacted] and [redacted], they actually saw something that really unsettled them.

2. The article from the local paper indicates the coverage given some of these sightings. The story as written in the press has a couple of variations from that told this office; i.e., the second observation was more of a glow behind the trees that did get brighter for a while as they passed and then died out. It lasted approximately 2 minutes as they drove by. The other item was the steaming up of the car windows - there were four people in the car, all getting quite excited, and the local relative humidity was standing at 89% on a warm, muggy night.

3. The 0000Z Radiosonde Balloon from St. Cloud, Minnesota, gave the following temperature readings for the area:

SFC	- +29°C
3,000'	- +20°C
5,000'	- +17°C
10,000'	- +10°C
15,000'	- - 5°C
20,000'	- -14°C
25,000'	- -28°C
30,000'	- -36°C
35,000'	- -50°C

The winds were reported to be from approximately 225° @ 20K from sfc to 10,000'. Then they swung around to 270° @ 30K

to 20,000' and continued to remain 270° but increased to 50K by 40,000'.

4. This is all the information that was gathered for the reports by this office. There is no indication that any objects landed anywhere in the area and no physical evidence to substantiate any of the sightings.

FOR THE COMMANDER

GORDON B. SMITH, F/L, RCAF
Intelligence Officer

2 Atchs
1. UFO Reports
2. Newspaper Item

UNIDENTIFIED FLYING OBJECT REPORT

Initial call received at 0430Z, 17 Aug 66, from SSgt James Vetter of the 692 Radar Squadron. He had received his report from Steve Arnsen, the owner of Rocky Point Resort in Roosevelt, Minnesota. This information was relayed by him to SSgt Motta at 29th Air Division Hq, and the call was concluded at 0445Z.

I. Description of Objects

A. Spherical.
B. About 20 feet in diameter.
C. Green, luminous.
D. One object.
F. Exploded and faded in haze.
G. No exhaust but haze left behind.
H. No sound.

II. Description of Course

A. Seen by six passengers in car.
B. About 2,000 feet above terrain.
C. Did not move.
E. Slowly faded in haze after explosion.
F. Observed for 40 minutes. This would apparently place the explosion at about 0430Z, the same time that SSgt Vetter said he received the call, placing the accuracy of the time estimates in doubt.

III. Manner of Observation

A. Visual.
B. The observers attempted to photograph it.

IV. Time and Date of Sighting

A. About 0350Z, 17 Aug 66.
B. Night.

V. Location of Observers

A. 94°30'W48°50'N
B. Near Rocky Point Resort; Roosevelt, Minnesota.

VI. Data on Observers

Steve Arnsen, Jack Arnsen, Pat Andersen, David Andersen, Warren Wenner, and Leon Grove.

VII. Weather

A. Clear
B. Light, southerly, surface winds and a 45-knot west wind at 30,000 feet.
C. No ceiling.
F. No thunderstorms.

VIII. Unusual Activity

A. No significant temperature inversion in the area.
B. No astronomical activity.
C. No balloons known to be in the area.

XI. Preparing Officer

29th Air Division Intelligence Officer.

Send 164's

XII. Physical Evidence

A. No photos. They did not develop.
B. No material evidence.

Additional Comments

Just before sunrise, a fairly pronounced temperature inversion developed over much of Minnesota. It is the opinion of division weather officers that no significant inversion would have been likely at the time of the sightings. All of the sightings were near, but never over, lakes, a fact not in itself significant in view of the large number of lakes in this area. The weather officers believe the lakes would tend to destroy or weaken any existing inversions, because the preceding day was warm and clear, and the lakes would store this warmth and release it at night. Of further interest, is the fact that this sighting resembles many over Arizona and New Mexico in the early 1950's - the exploding green "fireball."

Received By

WILLIAM B. STOECKER, 2d Lt, USAF

UNIDENTIFIED FLYING OBJECT REPORT

Call received 1835Z, 17 Aug 66, from Mrs. [redacted] a housewife and former high school teacher, residing at [redacted] St.; Duluth, Minnesota; telephone [redacted]. Served 164

I. Description

A. Shaped between egg and sphere.
B. About 3 or 4 times the size of a high, full moon.
C. Luminous, white.
D. One object.
F. No discernable features.
G. No exhaust.
H. No sound.

II. Description of Course

A. Observers saw the object, because they were outside near a lake.
B. It was roughly 20° to 30° above a range of low, forested hills.
C. The object never moved.
E. It dissolved into "streaks of light" and the observers went into their lakeside cabin.
F. Seen for about five minutes.

III. Manner of Observation

A. Visual sighting.
B. No optical aids.

IV. Time and Date of Sighting

A. About 0345Z, 17 Aug 66.-
B. Seen at night.

V. Location of Observers

A. 92°47'W 46°25'N
B. Two miles southeast of Moose Lake, Minnesota, near a smaller lake.

VI. Data on Observers

Mrs. Edmond Neufeld; her daughter, aged ten; and a nephew, aged eight.

VII. Weather

A. Observers reported only a few,high, thin clouds.
B. The WXO for 29th Air Division said surface winds were light and southerly with a 45-knot west wind at 30,000 feet.
C. No ceiling.
F. No thunderstorms.

VIII. Unusual Activity

A. No significant temperature inversions in the area.
B. No astronomical activity.
C. No known weather balloons in the area.

XI. Preparing Officer

29th Air Division Intelligence Officer.

XII. Physical Evidence

A. No photos.
B. No material evidence.

XIII. Miscellaneous Comments by Observer

Was a sharply defined object perhaps one-quarter mile away, although distances could not be judged accurately. Mrs. Neufeld said the children became very frightened.

Received By

WILLIAM B. STOECKER, 2d Lt, USAF

UNIDENTIFIED FLYING OBJECT REPORT

1530Z, 17 Aug 66
[redacted]r., (civilian)

I. Description of Object

A. Round, then appeared to take on a square shape, then back to round as it got closer.
B. About size of a full moon when first sighted, grew steadily larger to roughly the size of a large football field as it came directly toward the observer.
C. A hazy white and changed to a green and blue with occasional flashes of red. It ended up as a blue green color.
D. One
F. None. It had hazy edges and appeared to be in continuous motion.
G. At one time, it appeared to have a hazy, green funnel go down to the ground.
H. None heard. Car windows were rolled up.
I. None other than that reported.

II. Description of Course

A. Came directly toward car from head on.
B. 30 to 45°, viewed forward out of windshield of car.
C. Did not see object disappear as passengers in car had become almost hysterical, and driver turned car around and drove away. Object did not follow car.
D. A straight course. Object just got bigger as it got closer.
E. Driver states he did not see object disappear, as he was too intent on driving away as fast as possible.
F. Estimates - 2-1/2 min.

III. Manner of Observation

A. Visual through car windshield.
B. None.
C. None.

IV. Time and Date of Sightings

2230
A. 0330Z, 17 Aug 66.
B. Night.

V. Location of Observers

A. 9200W 4651N.
B. Driving north on Lakewood Road just off Hwy 61 in East Duluth, Minnesota.

VI. Data on Observers

send(2)
[redacted] Jr., [redacted] Road, Duluth - age 24 - works at local wood plant. Miss [redacted] (sister), same address, age 20 - unemployed. Plus two younger nieces, age [redacted]

Remarks

[redacted] and party drove back some 20 minutes later after reporting the incident to the police from a local phone. They state there appeared to be a glow off to one side of the road that faded out as they drove by. The observer is a next door neighbor of the station CIO, and upon arriving home had him accompany [redacted] back to the scene. There was no sign of anything out of the ordinary. The CIO states the whole group was visibly shaken by the occurrence and feels they definitely saw something out of the ordinary.

(send 164)

UNIDENTIFIED FLYING OBJECT REPORT

Call received at 1925Z, 17 Aug 66, from [redacted], the County Attorney of Cass County, Minnesota. This man claims to be a registered geologist and a private pilot, telephone [redacted]

I. Description of Object

A. Shaped between egg and sphere.
B. Size of rising full moon.
C. Greenish white, luminous.
D. One object.
F. No discernable features.
G. No exhaust.
H. No sound.

astro
Arcturus
280° Az
18° El

II. Description of Course

A. Seen from a car traveling west, paralleled car.
B. Initially about 30° above horizon.
D. Level, smooth, westerly flight, no sudden turns.
E. Later disappeared behind trees.
F. Seen intermittently during a one-hour period.

III. Manner of Observation

A. Visual sighting.
B. No optical aids.

IV. Time and Date of Sighting

A. First seen about 1745 ~~0345Z~~, 17 Aug 66. — object observed for 55 minutes
B. At night.

V. Location of Observers

A. 94°25'W 47°3'N
B. Between Whipple and Walker, Minnesota.

VI. Data on Observers

[redacted] 17, from Clinton, Iowa; his father, [redacted] who works for the [redacted] Water Softener Company in Clinton; and [redacted], 17, a friend, also from Clinton, Iowa. All three were staying at the Twin Pines Resort near Walker, Minn. [redacted] to whom the observers made their reports, described them as "shook up" and "reliable."

VII. Weather

A. [redacted] described the weather as clear with a "negligible wind."
B. The WXO said surface winds for the entire region were light southerly with a 45-knot westerly wind at 30,000 feet. No clouds or thunderstorms. No significant temperature inversion in the area. The object was seen several miles from a lake but never over it.

§3.

VIII. Unusual Activity

B. No astronomical activity.
C. No weather balloons in the area. The WXO knew of only two balloons released that night, neither of which could have drifted into the area of the sighting, or any of the other areas in which sightings were reported that night.

Send 164
To John Kennedy
Lindsay Water
Softener Company

X. Preparing Officer

29th Air Division Intelligence Officer

XII. Physical Evidence

No photos or material evidence.

XIII. Miscellaneous Comments of Observer

The object paralleled their course west on highway 34. They turned north to get away, went into the Twin Pines Resort, and came out again with [redacted] All three then watched the object until about 0440Z when it went behind the trees. Their car windows were down, and no sound was heard. They also thought the object expanded vertically, "like a balloon being inflated."

Earlier Sightings in the Area

17 Aug 66

Mr. [redacted] said his mother, Mrs. [redacted], and two companions, Mrs. [redacted] and [redacted] saw an identical object that same evening between 0430Z and 0530Z. They were entering their home in Walker after a party, but [redacted] described the women as "conservative" and said,"None of them drink." They described the object as soundless and said it proceeded northeast for two or three minutes before they lost sight of it.

Satellite

Mr. [redacted] said that about 0400Z, 9 Aug 66, he and 16 other people, including two Minnesota highway patrolmen, saw a high, round, luminous, white object move rapidly across the sky going northeast, executing several abrupt right angle turns as it did so. This was observed from in front of his next door neighbor's home. The next evening, between 0315Z and 0330Z, he and his next door neighbor, who he said was the "county commissioner," observed an identical object on an identical course. Mr. [redacted] said both evenings were clear and still, which raises the possibility of inversions, on which this office has no data. Mr. [redacted] said a surveyor who was present on 9 Aug made an admittedly very rough estimate of the object's velocity at 3500 miles per hour. However, the object was large enough or low enough to have a round shape, and no sonic boom was heard. The object's size was about one-third that of a high,full moon.

Additional Comments

This office called the St. Louis County Attorney's office, located in Duluth, Minnesota, and one [redacted] was listed in their directory as [redacted] for [redacted] County. They did not have his office telephone number. It would, therefore, seem probable that the man who reported the sightings was, in fact, the [redacted]

Received By

WILLIAM B. STOECKER, 2d Lt, USAF

Pending

UNCLASSIFIED PRIORITY

663

1966 AUG 19 08 3?

PFTU JAW RUEDTXH0535 2310822-UUUU--RUEDFIF.

DE RUCDAH 1052 2301857

ZNR UUUUU

ZNR UUUUU

P 181943Z AUG 66 ZFD

FM 20TH ADIV TRUAX FLD WI5

TO RUWMFVA/ADC

UNGKS/10AF RICHARDS GEBAUR AFB MO

RUEDFIF/FTD WPAFB OHIO

RUEDHQA/CSAF WASH DC

RUEDHQA/OSAF WASH DC

ST

ST

UNCLAS 20-OIN 22413 AUG 66. FOR ADOIN, ADC; 10AF; AFNIN,

CSAF; AND SAFIO, OSAF. THE FOLLOWING IS A REPORT OF A UFO SIGHTING

NEAR MILWAUKEE, WISCONSIN, SUBMITTED IN ACCORDANCE WITH AFR 200-2,

AS SUPPLEMENTED. A. DESCRIPTION OF OBJECT: (1) ROUND, MOON SHAPED

(2) UNK (3) BRIGHT WHITE, GREEN AROUND OUTSIDE (4) ONE (5) N/A (6)

ROUND SHAPE, BRIGHTNESS (7) NONE (8) NONE (9) BRIGHTNESS (SEE REMARKS)

B. DESCRIPTION OF COURSE OF OBJECT. (1) PRONIMITY, BRIGHTNESS (2)

APPROX 6000 FT. (3) UNKNOWN (4) EXTREMELY MANEUVERABLE (5) FADED

AWAY. C. METHOD OF OBSERVARION; (1) AIR (2) NONE (3) SEEN BY 3

UNCLASSIFIED PRIORITY

ACFT (SEE REMARKS). D. TIME & DATE OF SIGHTING. (1) APPROX 0355Z,
17 AUG 66 (2) NIGHT. E. LOCATION OF OBSERVER. (1) UNK (2)
2 SIGHTINGS APPROX 40-50MI. SOUTH OF MILWAUKEE; 1 APPROX 15MI.

WEST OF MILWAUKEE. F. IDENTIFYING INFORMATION ON OBSERVERS. (1) 3
SEPARATE OBSERVERATIONS (SEE REMARKS). G. WEATHER. (1) ALL SAY
CLEAR. (2) (A) 260/5 (B) 270/15 (C) 290/25 (D) 290/30 (E) 280/25
(F) 270/40 (G) 300/25 (H) 93/15, (3) NONE (4) 12 MILES (5) NONE (6)
NONE (7) NONE. H. UNUSUAL ACTIVITY IN AREA. (1) NONE (2) NONE (3)
NONE. I. INTERCEPTION OR IDENTIFICATION ACTION TAKEN. NONE. J.
LOCATION OF AIRCRAFT/BALLOONS IN AREA AT TIME OF SIGHTING. NO ACFT.
BALLOONS UNLIKELY. K. PREPARING OFFICER. (1) 1ST LTFRANK L. HOWE
(2) ACTING INTELLIGENCE OFFICER (3) NONE. L. PHYSICAL EVIDENCE
AVAILABLE. (1) NONE (2) SKETCHES (SEE REMARKS). M. OTHER COMMENTS.
THERE WERE THREE SEPARATE OBSERVATIONS OF WHAT APPEARS TO BE THE
SAME OBJECT: THE TIMES (0352Z, 0354Z, AND 0355Z, 17 AUG 66, AREAS
OF OBSERVATION (2, 50MILES SOUTH AND 1 15 MILES WEST OF MILWAUKEE),
AND DESCRIPTIONS OF SHAPE AND COLOR (ROUND-TWO SAID =MOOM SHAPED=-

AND BRIGHT WHITE WITH AN OUTER GREEN RING), INDICATE THAT THE OBSERVATIONS WERE OF THE SAME OBJECT: ALL 3 SIGHTINGS WERE BY PILOTS: A CIVILIAN FLYING A MUSKETEER, ID NO [redacted] FLYING AT 5500 FT. FROM ST. LOUIS TO WAUKASHAW, WIS., PILOT UNKNOWN, A B-52 AND A B-52 (NO FURTHER INFORMATION AVAILABLE): AND A TWIN COMANCHE, ID NO. [redacted] FLYING FROM GRAND RAPIDS, MICH. TO MADISON, WISC. AT

Solomon
North Am Service

0500 FT. TWIN COMANCHE WAS FLOWN BY MR. [redacted] OF GRAND RAPIDS, MICH. HE WAS ACCOMPANIED BY HIS 13 YEAR OLD SON. [redacted] HAS 5000 HOURS FLYING TIME IN INSTRUMENT RATED, AND HAS BEEN FLYING SINCE 1946. [redacted] HAS THE OBJECT IN VISUAL CONTACT FOR APPROX 15 MINUTES. HE SAYS IT CHANGED SHAPES FROM =MOON SHAPED= TO =OVAL=, AND FINALLY TO AN ELONGATED V OR =BOOMERANG SHAPE=. HE WAS FLYING AT APPROXIMATELY 165K AND SAYS THE OBJECT WAS KEEPING PACE WITH HIM. WHEN HE CAME UNDER CHICAGO CENTER CONTROL HE ASKED IF THERE WAS ADDITIONAL TRAFFIC. [CHICAGO CENTER] SAID THEY =HAD SOMETHING UNIDENTIFIED= ON THE SCOPE ABOUT 6 MILES FROM HIS POSITION AT 2O=CLOCK. HE SAYS THAT IS ALMOST EXACTLY THE POSITION OF THE OB-

16

JECT. CHICAGO CENTER, THOUGH ESTIMATED THE UNKNOWNES SPEED AT 60 TO 70K. HOLZER LOST CONTACT WITH THE OBJECT AS HE WENT INTO HIS FINAL APPROACH TO MADISON AIRPORT. [redacted] TWICE TURNED OFF ALL COCKPIT AND NAVIGATIONAL LIGHTS TO MAKE SURE THERE WAS NO REFLECTION OFF CLOUDS. LATER HE AND HIS SON MADE SKETCHES OF THE OBJECT INDEPENDENTLY AND UNKNOWN TO ONE ANOTHER. THE SKETCHES, HE SAYS, MATCH ALMOST PERFECTLY. THEY ARE BEING SENT AIRMAIL AND WILL BE FORWARDED TO FTD, WRIGHT-PATTERSON AFB, OHIO, UPON RECEIPT.

MR. [redacted] IS SALES MANAGER FOR NORTHER FLYING SERVICE, GRAND

RAPIDS, MICHIGAN. ON THE BASIS OF HIS FLYING EXPERIENCE AND MY CONVERSATION WITH HIM, I WOULD RATE HIM RELIABLE.

BT

NNNN

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 862ND COMBAT SUPPORT GROUP (SAC)
MINOT AIR FORCE BASE, NORTH DAKOTA 58701

REPLY TO ATTN OF: BDO

19 Aug 1966

SUBJECT: UFO Report

TO: AFSC (FTD)
Wright-Patterson AFB, Ohio 45433

In accordance with AFR 200-2 as changed, the following information is submitted:

a. Description of object:

(1) Shape: Oval (simular to football).

(2) Size: Baseball.

(3) Color: White with light orange tint (very bright).

(4) Number: One.

(5) Formation: N/A.

(6) Any discernible features or details: Vertical slash at 10° angle (slash equal to length of oval).

(7) None.

(8) None.

(9) None.

b. Description of course:

(1) Driving North, object appeared in front of car about 2000 - 3000 feet.

(2) 45° angle.

(3) 45° angle.

(4) Appeared to come straight in and then out.

(5) Orange color faded to white then faded out.

(6) Twelve (12) minutes.

Peace . . . . is our Profession

Send 164

c. Manner of observation:

(1) Ground-Visual.

(2) None.

(3) N/A.

d. Time and date of sighting:

(1) 17/0343Z.

(2) Night.

e. Location of observer(s):

(1) Fifteen (15) miles South of Minot, NDak.

f. Identifying information on observer(s):

(1) [redacted], Minot AFB, NDak. Registered Nurse.

(2) [redacted], AlC, 455 Missile Maintenance Squadron, Minot AFB, NDak., Ballistic Missile Analysis Specialist.

g. Weather and Winds:

(1) Clear.

(2)

Wind	Direction/Velocity
Surface	140/15
6000 Ft	170/16
10000 Ft	260/27
16000 Ft	270/32
20000 Ft	280/37
30000 Ft	270/36
50000 Ft	260/26

(3) Ceiling: High Scattered.

(4) Visibility: Fifteen (15) plus.

(5) Amount of cloud cover: 4/10.

(6) Thunderstorms in area and quadrant in which located: None.

h. Any other unusual activity or condition: None.

i. Interception or identification action taken: None.

j. Location, approximate altitude, and general direction, of flight of any air traffic or balloon releases in the area which might possibly account for the sighting:

(1) One (1) T-33 in local area at that time.

k. CHESTER A. SHAW, Jr., Major, USAF, Base Director of Operations.

l. None.

CHESTER A. SHAW, Jr., Major, USAF
Base Director of Operations

Milwaukee

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?

16 (Day) Aug (Month) 66 (Year)

2. Time of day: 10 (Hour) 45 (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?

_____ (Nearest Postal Address) Milwaukee (City or Town) Wisc. (State or County)

5. How long was object in sight? (Total Duration) _____ (Hours) 13-15 (Minutes) _____ (Seconds)

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

5.1 How was time in sight determined? clock

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 — clear - No clouds
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:

Flourescent Light or Neon Light

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 Sharply at 1st Coiled then blured or fuzzy at end of sighting

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?

Yes - faded away instantly

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: _____

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

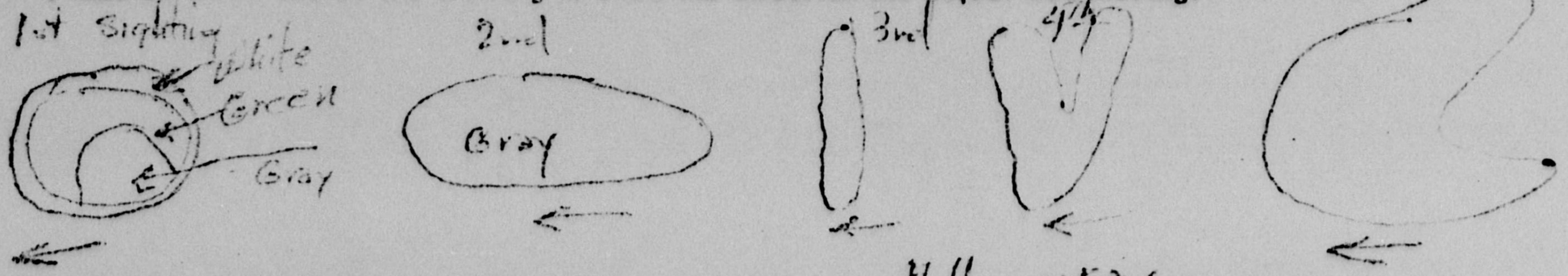
a. Sound Unable to determine as I was flying an aircraft

b. Color White perimeter, Bright flourescent green - changed to gray

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?

Only a small fraction

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? 165 K'ts

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? Initially 12 miles then 6 miles confirmed by Radar

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) Piper Twin Comanche
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	c. East	e. South	(g.) West
b. Northeast	d. Southeast	f. Southwest	h. Northwest

24.2 How fast were you moving? 185 miles per hour.

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

(Circle One) Yes (No)

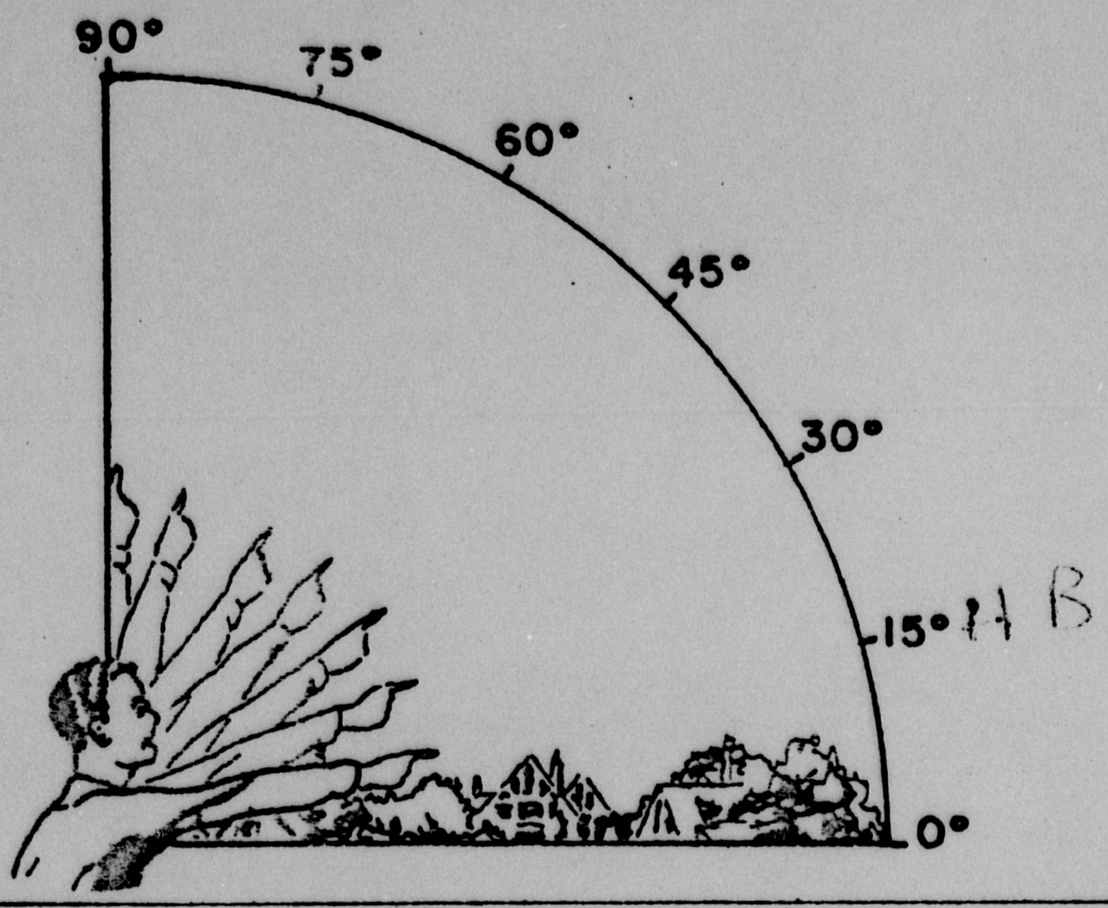
25. Did you observe the object through any of the following?

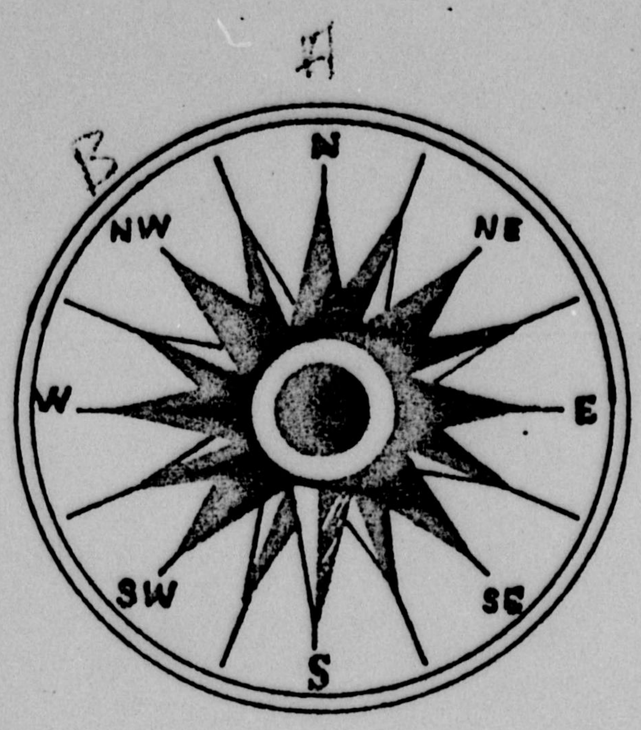
a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
(c.) Windshield	(Yes)	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

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.

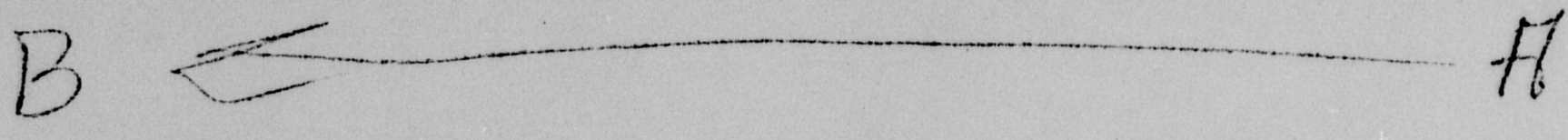
The Moon when full - at 45° from Horizon - similar shape - Then from sharply definable outlines to fuzzy nebulous perimeter

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

Same as question # 19

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] Wichita, Kansas

32. Please give the following information about yourself:

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

ADDRESS [redacted] (Street) Grand Rapids (City) ___ (Zone) Mich. (State)

TELEPHONE NUMBER [redacted] AGE 37 SEX Male

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

Commercial Pilot with 5000 Hours flying time
Have Been flying 20 years
Have Multi & Single Engine Ratings
and Instrument ratings w/ hundreds of
hours of night flying.

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

17 (Day) Aug (Month) 66 (Year) Chicago ATC Center on 127.5 M at 2245 - - pm

34. Date you completed this questionnaire: 31 (Day) Aug (Month) 66 (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?

10th / August / 1956
Day / Month / Year

2. Time of day: 10 (Hour) 45 (Minutes)

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

3. Time Zone:

(Circle One): a. Eastern
(b.) Central
c. Mountain
d. Pacific
e. Other 8

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

4. Where were you when you saw the object?

[redacted] 2d. Duluth Minn. St Louis
[redacted]: Postal Address / City or Town / State or County

5. How long was object in sight? (Total Duration) ___ Hours 3 Minutes ___ Seconds

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

5.1 How was time in sight determined? Left town at 10:35, and knew it was 10 minutes to going home

5.2 Was object in sight continuously? (Yes) ___ No ___
2 times flew behind cloud and disappeared.

6. What was the condition of the sky?

DAY
a. Bright
b. Cloudy

(NIGHT)
a. Bright
b. Cloudy

Night was no moon and sky was black. Red haze from town. It stars were usually bright but were hidden all around. Also a haze.

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:

_____

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 _____

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 went out of sight and speed at the object came almost to a stop. Then it started off.

15. Did the object move behind something at any time, particularly a cloud? Night there were no clouds.

(Circle One): Yes No Don't Know. IF you answered YES, then tell what it moved behind: It seemed as though gases from fire at the ship gave the object a hazy appearance.

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: It seemed to separate like all the gases from these gases which gave it an appearance of being more solid.

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

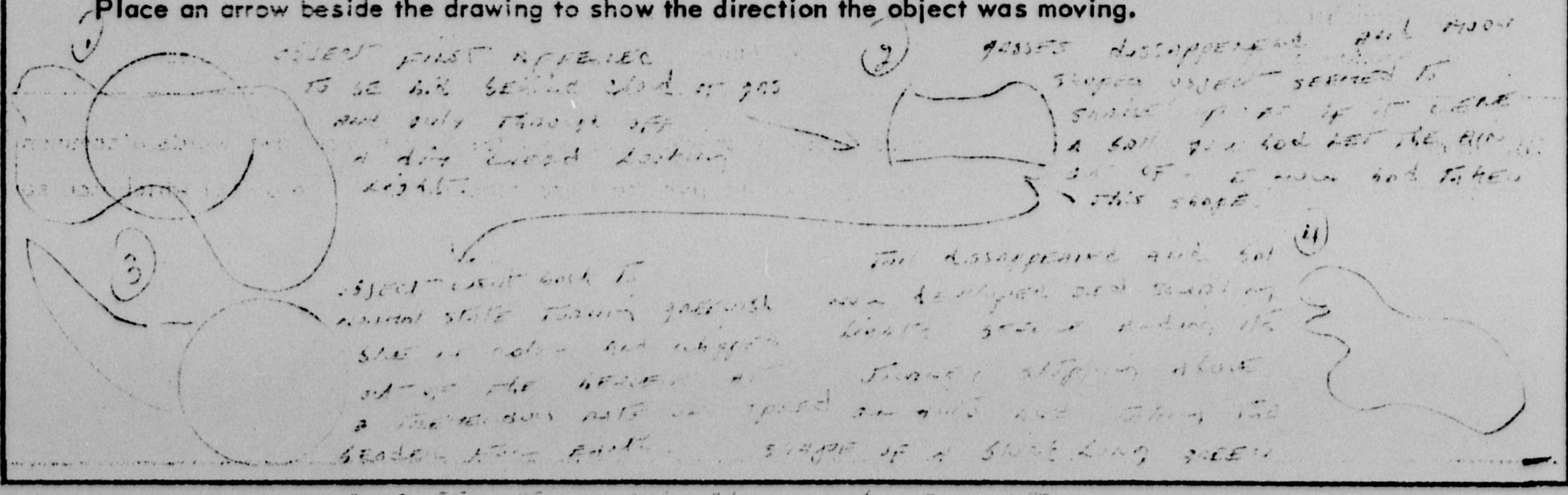
a. Sound Object was so close to make us feel like getting out of car to listen for sound.

b. Color It was a brilliant blue in color and seemed to have small (about ¼ appearance) bursting lights around it.

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?

None

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 Thousands of miles per hour

IF you answered YES, then what speed would you estimate? Impossible to estimate

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

(Circle One) Yes No It first appeared as about the same distance away as the moon. But fast a since it was above trees in last sight.

IF you answered YES, then how far away would you say it was? _____

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? 30 miles per hour.

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

(Circle One) Yes No

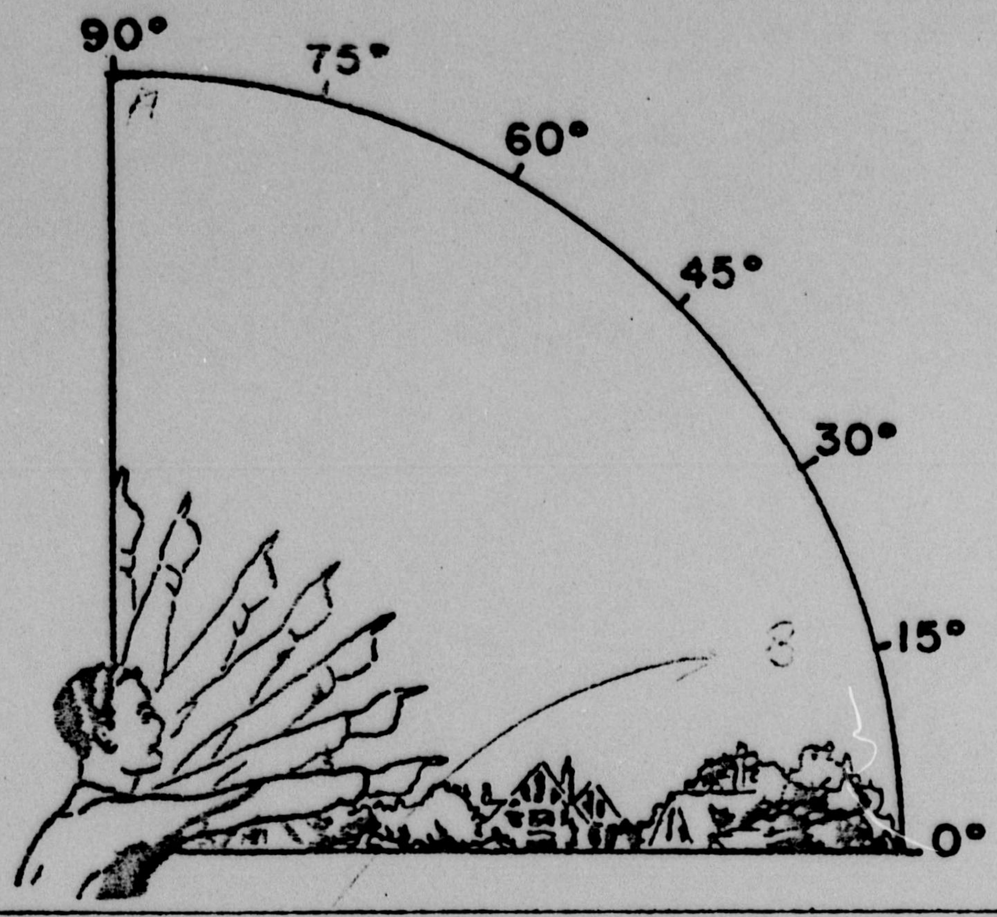
25. Did you observe the object through any of the following?

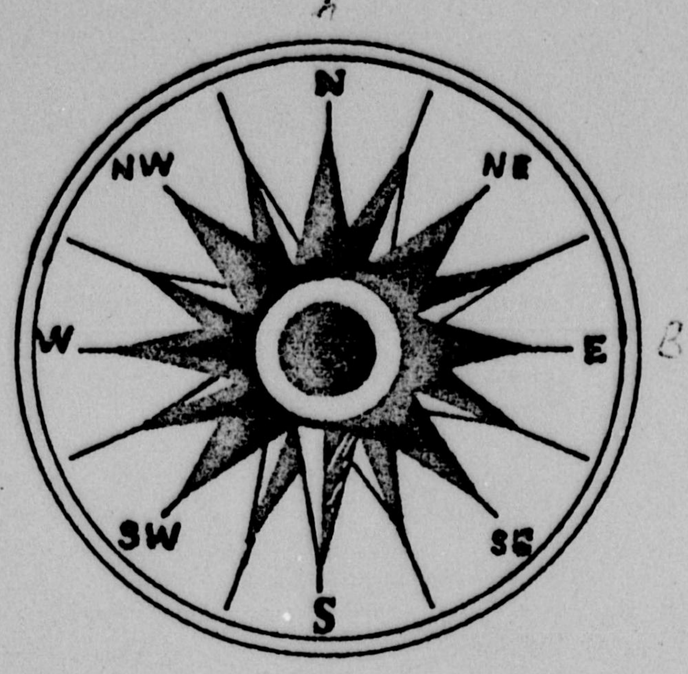
a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

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.

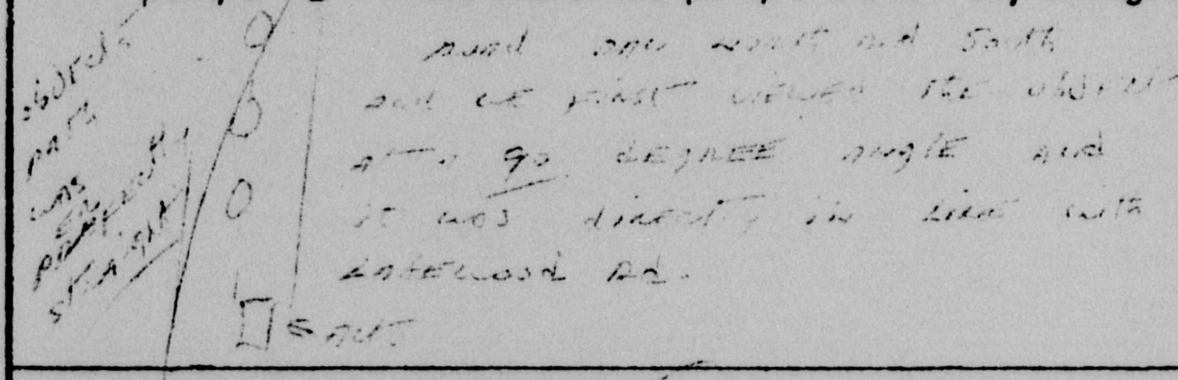
It would be impossible to do this as the object appeared as some white color. Looking you would see red yet would not real.

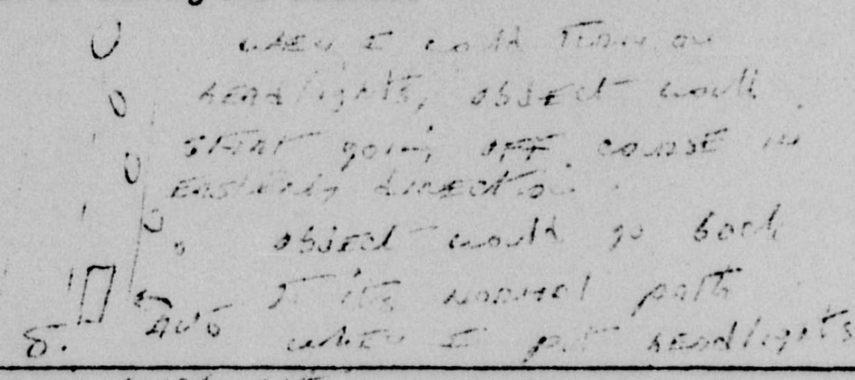
27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw 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? 1

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

object started to circle as it neared the pond. which appeared to be 2 blocks East and turned at a 45 degree angle from it, midwest.

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 - Minn.

[redacted] Chicago point - Calif

32. Please give the following information about yourself:

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

ADDRESS [redacted] Duluth 4 Minn.
Street City Zone State

TELEPHONE NUMBER [redacted] AGE ~~19~~ 23 SEX M

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

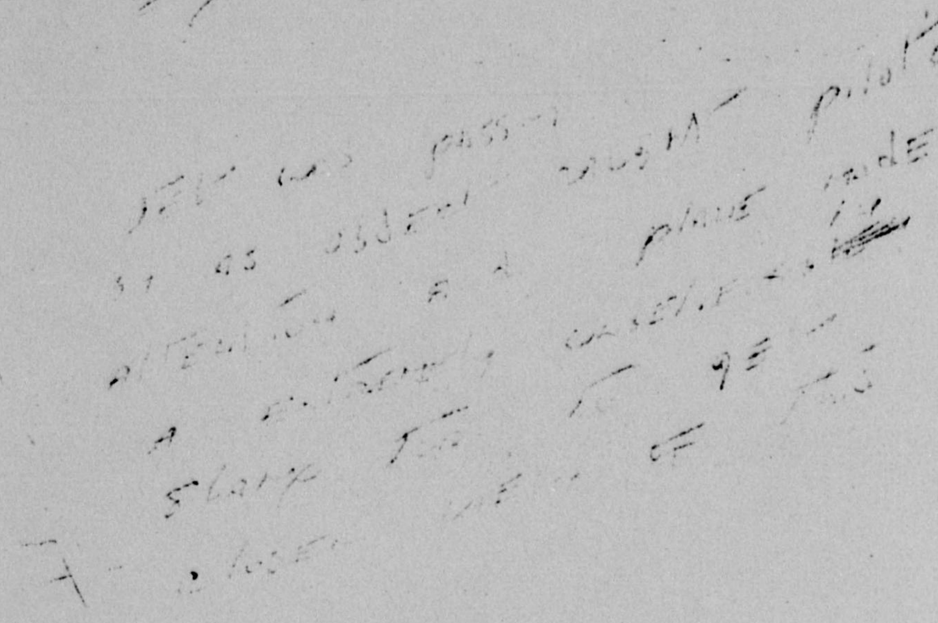
33. When and to whom did you report that you had seen the object? Air Force

Aug 31 Aug 50
Day Month Year

34. Date you completed this questionnaire: Sept 1 61
Day Month Year

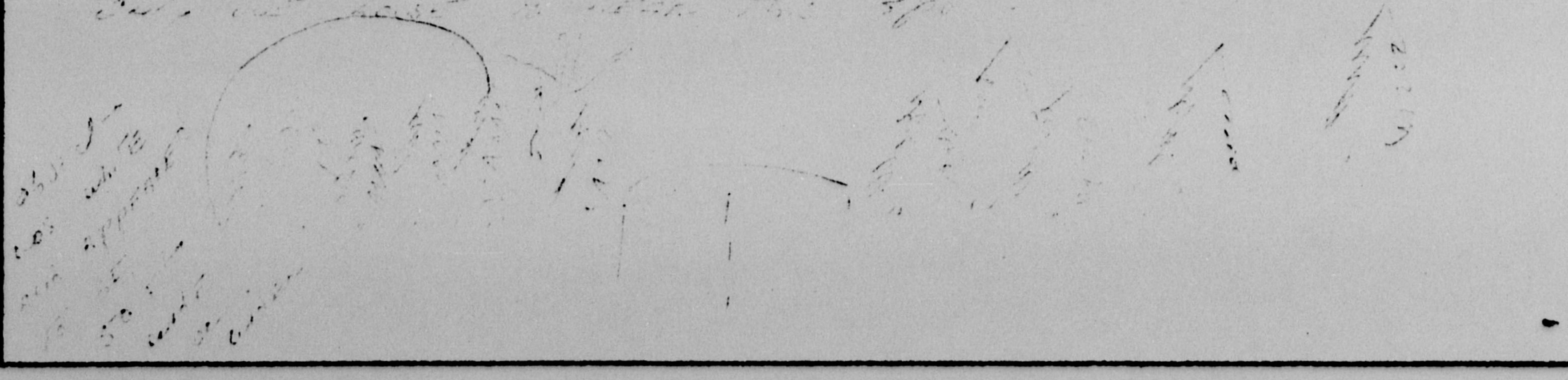
35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

I do believe this object was controlled by some force and on the first sight



we have 2 miles up road going north from spot where we first viewed object and stopped the car. Turning out lights.

At the time the object started it came right up from behind the trees and appeared like an Eagle flying low over the road at a height which shaded out trees and it up to 4 stops of the countryside as it passed had flown. Like cut out against the sky.



U.S. AIR FORCE TECHNICAL INFORMATION

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1. When did you see the object?

16th (Day) Aug. (Month) 1966 (Year)

2. Time of day: 10 (Hour) 45 (Minutes)

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

3. Time Zone:

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

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

4. Where were you when you saw the object?

Lakewood Rd ([redacted]) (Nearest Postal Address) Duluth (City or Town) St. Louis, Minn (State or County)

5. How long was object in sight? (Total Duration) appox - 2 (Hours) (Minutes) (Seconds)

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

5.1 How was time in sight determined? Left town around 10:30 and always get home between 15 to 20 minutes later

5.2 Was object in sight continuously? (Yes) No

in various forms

6. What was the condition of the sky?

DAY
a. Bright
b. Cloudy

(NIGHT)
a. Bright
b. Cloudy

The sky was very dark and many shooting stars were seen. No moon and no foggy object was quite noticeable

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) around object & lower clear sky
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. (Dry) and warm
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) and gradually
b. Dimmer bigger but not
c. About the same
d. Don't know

yet hazy at times

11.1 Compare brightness to some common object:

like a big star only a direct light almost as if facing just the car - almost as a sunlamp.

12. The edges of the object were:

(Circle One): a. (Fuzzy or blurred) at first & at end
b. Like a bright star
c. (Sharply outlined) ~~after~~ during its stage of changing motion
d. Don't remember
e. Other _____

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? No, we were so scared we drove in Reverse and never ceased the objects disappearing.

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: I didn't ~~see~~ notice it as ~~it~~ it was Towards the "end" and I just wanted to get away.

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: At first ~~my~~ many shapes & sizes while changing color almost looking like a goo a bowl full.

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

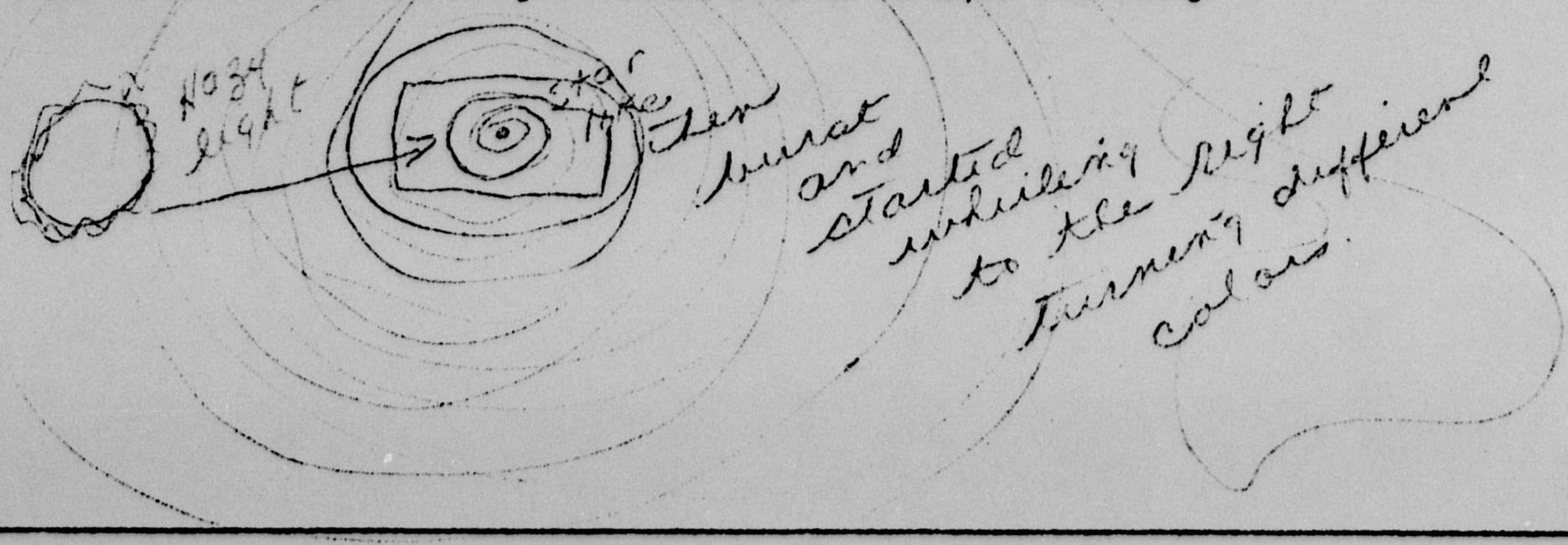
a. Sound None as our car windows were closed from fear and my niece was screaming too loud.

b. Color ~~Blues and green colors with fire or red~~ whirling but blending into one another almost like fingerprints.

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?

It was too large an object to even compare with a match stick. The match stick would not hinder seeing it at all!

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? It seemed almost as if were right above us at the end but could have been many miles away

(Circle One) Yes (No)

IF you answered YES, then how far away would you say it was? _____

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?~~ with few houses around
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) c. East e. South g. West
b. Northeast d. Southeast f. Southwest h. Northwest

24.2 How fast were you moving? 30-35 miles per hour.

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

(Circle One) (Yes) No as soon as we saw it

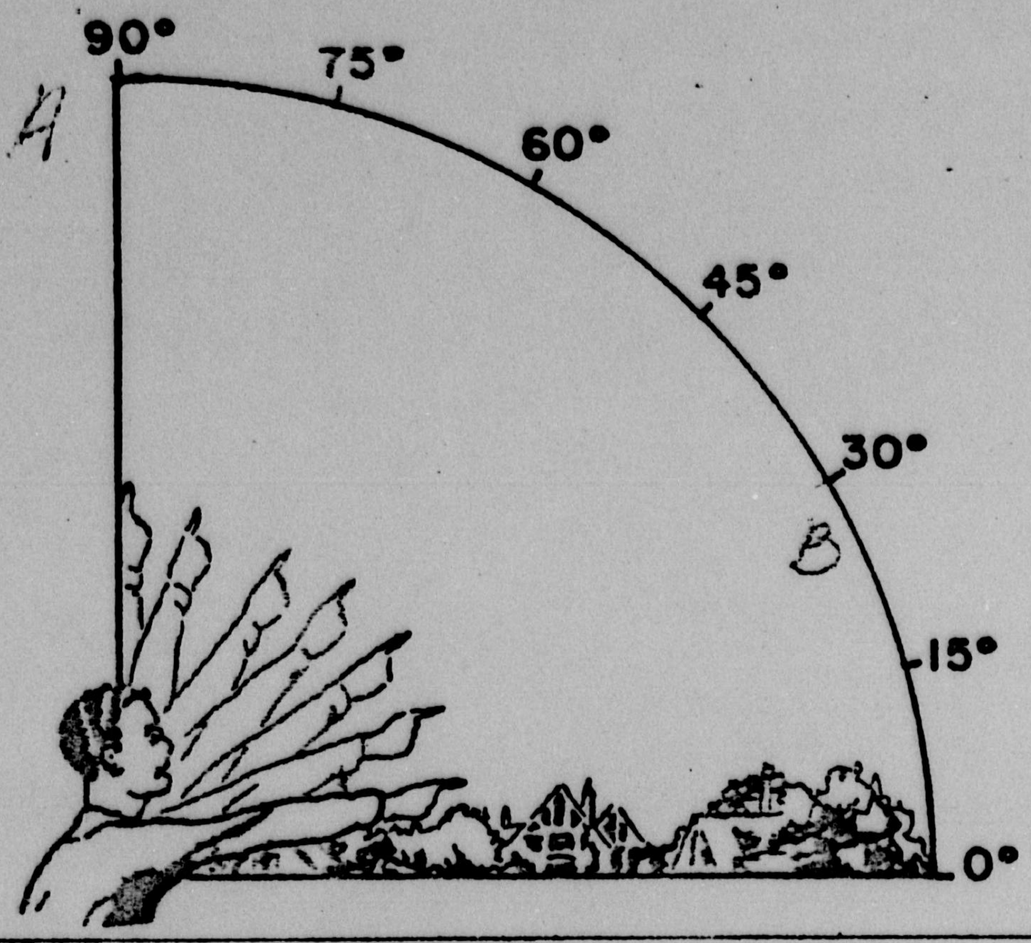
25. Did you observe the object through any of the following?

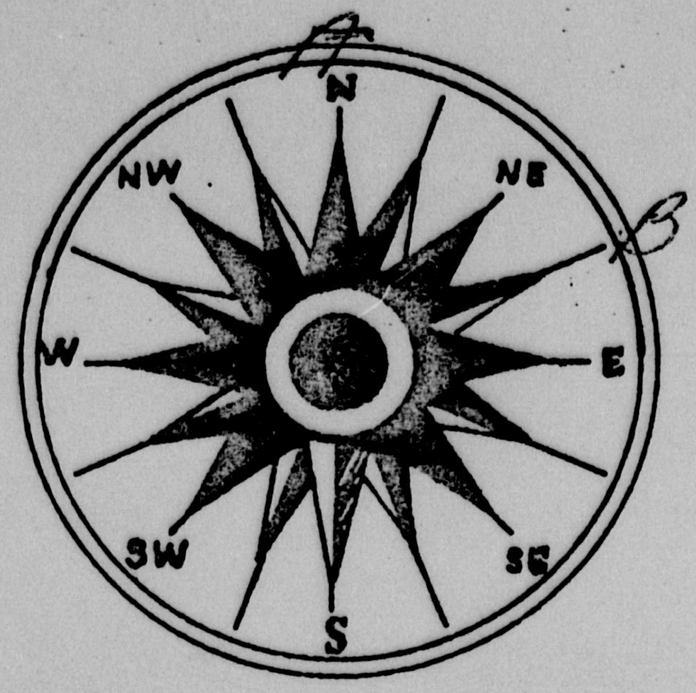
a. Eyeglasses	Yes	(No)	e. Binoculars	Yes	(No)
b. Sun glasses	Yes	(No)	f. Telescope	Yes	(No)
(c. Windshield)	(Yes)	No	g. Theodolite	Yes	(No)
d. Window glass	Yes	(No)	h. Other _____		

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.

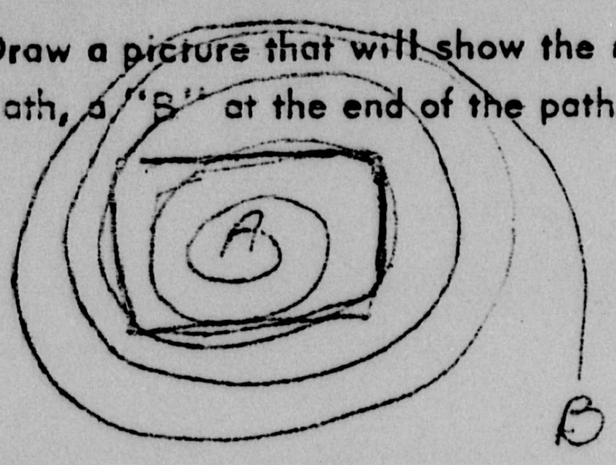
~~None~~ could give the appearance that it was nothing like as I've never seen anything like the before. I thought I was going to see the "Second Coming of Christ"!

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? only 1
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

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 address[illegible] pieces)

32. Please give the following information about yourself:

NAME [redacted] Middle Name

ADDRESS [redacted] Street Duluth City 44 Zone Minn State

TELEPHONE NU[redacted] AGE 20 SEX F

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?

Aug 16th 1966 ____ Broke Telephoned Duluth city police

Day Month Year

34. Date you completed this questionnaire: 8th ~~Oct~~ Sept '66'
Day Month 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.

After we were almost home again we went a little above our house (higher than where we saw the object before) and turned off the motor and lights and a few minutes later we saw a light from the right of the country side as far as we could see, to as far as we could see the to the left ~~was~~ when all of a sudden it seemed to light up the whole sky as if something blew up. We then left again as my nieces were saying, "you're crazy to stay here. I want to go home now!" "and screaming at the top of their lungs.

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?

16th / Tuesday (Day) / Aug. (Month) / 66 (Year)

2. Time of day: 10 (Hour) 30 (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) / Minn (State or County)

5. How long was object in sight? (Total Duration) _____ (Hours) 10 (Minutes) _____ (Seconds)

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

5.1 How was time in sight determined? time it took to arrive home.

5.2 Was object in sight continuously? Yes ✓ 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:

street light.

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 _____

13. Did the object: *(Circle One for each question)*

ALL

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?

As we came closer it seemed to fade away.

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: _____

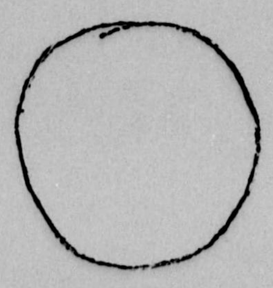
17. Tell in a few words the following things about the object:

a. Sound No sound

b. Color Red to orange

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?

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.



It just seemed to fade.

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? 200 yds.

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

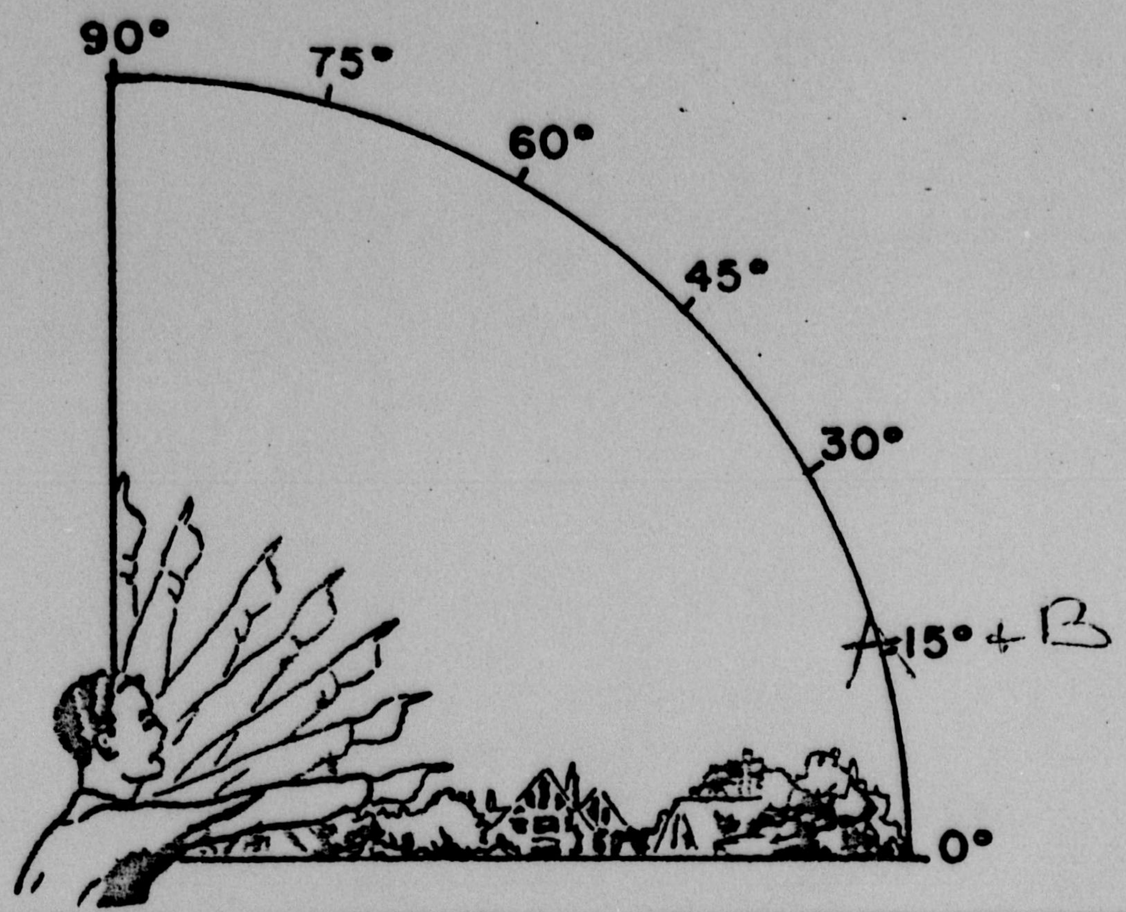
25. Did you observe the object through any of the following?

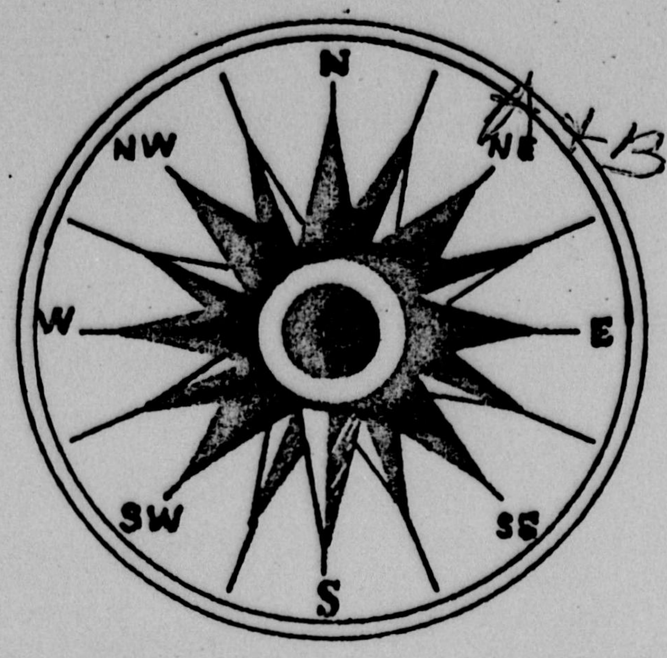
a. Eyeglasses	Yes	(No)	e. Binoculars	Yes	(No)
b. Sun glasses	Yes	(No)	f. Telescope	Yes	(No)
c. Windshield	Yes	(No)	g. Theodolite	Yes	(No)
d. Window glass	Yes	(No)	h. Other Naked eye		

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.

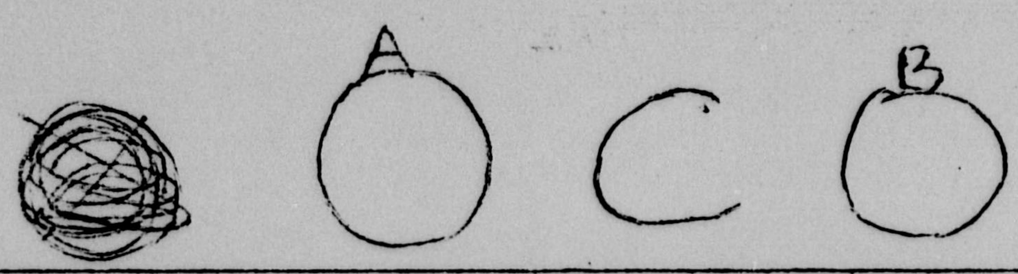
The moon only larger.

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

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], [redacted] E.

32. Please give the following information about yourself:

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

ADDRESS [redacted] (Street) [redacted] (City) 55804 (Zone) MINN (State)

TELEPHONE NUMBER [redacted] AGE 15 SEX M

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?

17 (Day) 8 (Month) 66 (Year)

Sage bldg. - Man in charge of UFO

34. Date you completed this questionnaire: 1 (Day) 9 (Month) 66 (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.

The object seemed not to have any direct course. It just seemed to fade as we got closer to it.

There was no movement or sound that could be heard. This is all that can be told as I remember it.

I hope this will help.

[redacted]

P.S. I don't believe in flying saucers

Duluth, Minn. 17 Aug. 66

FTD (TDETR) hl
Wright-Patterson AFB, Ohio 45433
29 August 1966

[redacted]
Duluth, Minnesota 55804

Dear [redacted],

Reference your unidentified observation of 17 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,

(4)
HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Project Blue Book

OFFICIAL FILE COPY
TDETR
Office of Record

UNIDENTIFIED FLYING OBJECT REPORT

Date received: 2045/18 Aug 66
Mrs Adelson, civilian

I. Description of Object

A. Round.
B. Little bigger than a full moon.
C. Orange.
D. One.
E. N/A.
F. Edges were fuzzy and seemed to be in motion.
G. None.
H. No sound.
I. Light in ball seemed to be in motion with red tinges showing up at times.

II. Description of Course of Object

A. Light thru trees attracted their attention. At first thought it was moon that had suddenly sprung up.
B. About 30° above horizon directly in front of them as they walked north up 45th Avenue.
C. Faded out while remaining stationary in sky.
D. Stationary.
E. As in para C.
F. ABout 10 min.

III. MANNER OF OBSERVATION

A. Visual.

IV. TIME AND DATE OF SIGHTING

A. 0330, 17 Aug.
B. Night.

V. LOCATION OF OBSERVERS

A. [redacted]
B. 45th Avenue East and Jay Street; Duluth, Minn.

VI. Identifying Info of All Observers

[redacted] student; age 15; Duluth, Minn.

Remarks

Mrs [redacted] phoned initially and stated the boys had arrived home on the evening in question and reported to her and her husband the sighting of the UFO. It wasn't 'till the next day were they aware of the other sightings. The time and direction checks out closely with Mr. [redacted] sighting in the approximate vicinity.

Send 164

31 August 66

Conversation with Mr. Chamberman, FAA (551-1560 ex-8700) said he received his radar contact information from the Chicago center. Radar contact was noted of an unidentified object over the Milwaukee area. Mr. Chamberman gave his information to Lt. Howe for the report from Truax Field.

Conversation with Mr. Irwin, Chief Controler, Chicago Center, (897-2061) failed to pinpoint any observerance of an unidentified object on their radar scopes about 0355Z 17 August 66. Mr. Irwin checked with those persons on duty and the records. He suggested I contact the Milwaukee sector and see if they had anything unidentified on their scopes.

Contact was made with Lt. Howe (551-1560) Truax Field. He said that it could have been an aircraft. The Chicago center only tracks certain aircraft; the ones that file IFR. Balloons, private aircraft, etc. are not tracked by Chicago center. These type of objects would appear unknown on the radar scopes at the Chicago center.

2 Sept. 66

Conversation with Mr. Chamberman, Truax Field, He said to call Milwaukee sector (Mr. Bukman) about the sighting. He (Mr. Chamberman) said he had gotten his information from the Chicago Center. Note- Mr. Irwin, Chicago Center, reported negative radar contact with UFO on or about 0355Z 17 August 66.

6 Sept. 66

Called Milwaukee sector for a Mr. Bukman. They knew of no such man. Milwaukee sector said that if there was anything unidentified on their scopes they would know of it; they knew nothing. No one knew of anything being reported unidentified on their scopes. Mr. Bukman's alleged number is 414- 7448720.

19 Sept. 66

Contact with Mr. McVay, NASA, Goddard Space Flight Center, Maryland regarding the observance of UFOs over northern Minn. Requested information on Barium Cloud Releases at Fort Churchill, Canada.

On 16 August 66 the Germans were participating in several experiments over the Fort Churchill area. At 2239 CDT there was a rocket that departed Fort Churchill and reached an altitude of about 247 stature miles. Started with a brilliant red color then to violet and finally to a greenish-blue. The phenomena could have been visible for up to one hour depending on the altitude of the sighting.

Additional information can be gotten from the below:

Mr. R. MacGibbon
Chief Operations
Churchill Research Range
Fort Churchill, Manitoba, Canada

Mr. Karl Medrow
Sounding Rocket Division
NASA, Goddard Space Flight Center,
Greenbelt, Maryland, 20771

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 20TH AIR DIVISION (ADC)
TRUAX FIELD, WISCONSIN 53707

REPLY TO ATTN OF: 20-OIN

22 Aug 66

SUBJECT: UFO Sighting Sketches

TO: AFSC (FTD)
Wright-Patterson AFB, Ohio 45433

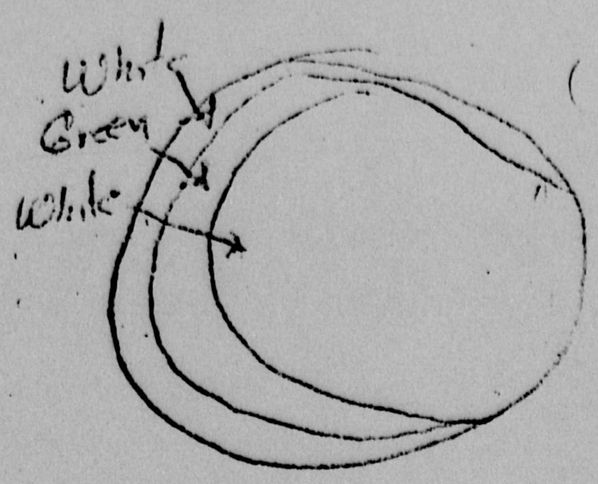
1. Reference: 20-OIN Message 22413, dated 18 Aug 66.

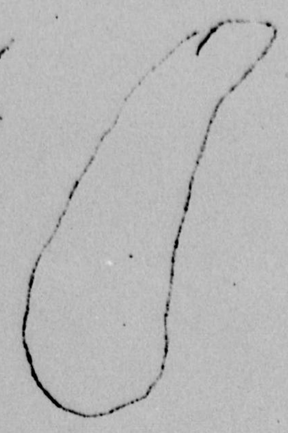
2. Attached are sketches by [redacted] and his son of the above-mentioned sighting.

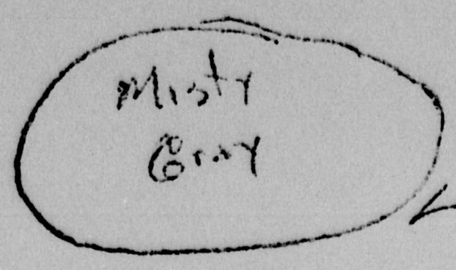
FOR THE COMMANDER

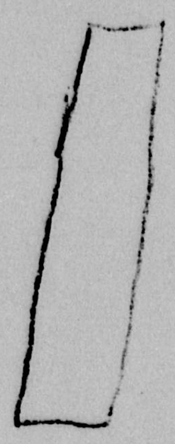
FRANK T. HOWE, LstLt, USAF
Acting Chief, Intelligence Division

1 Atch
Sketches

1. 

6 

2. 

3 

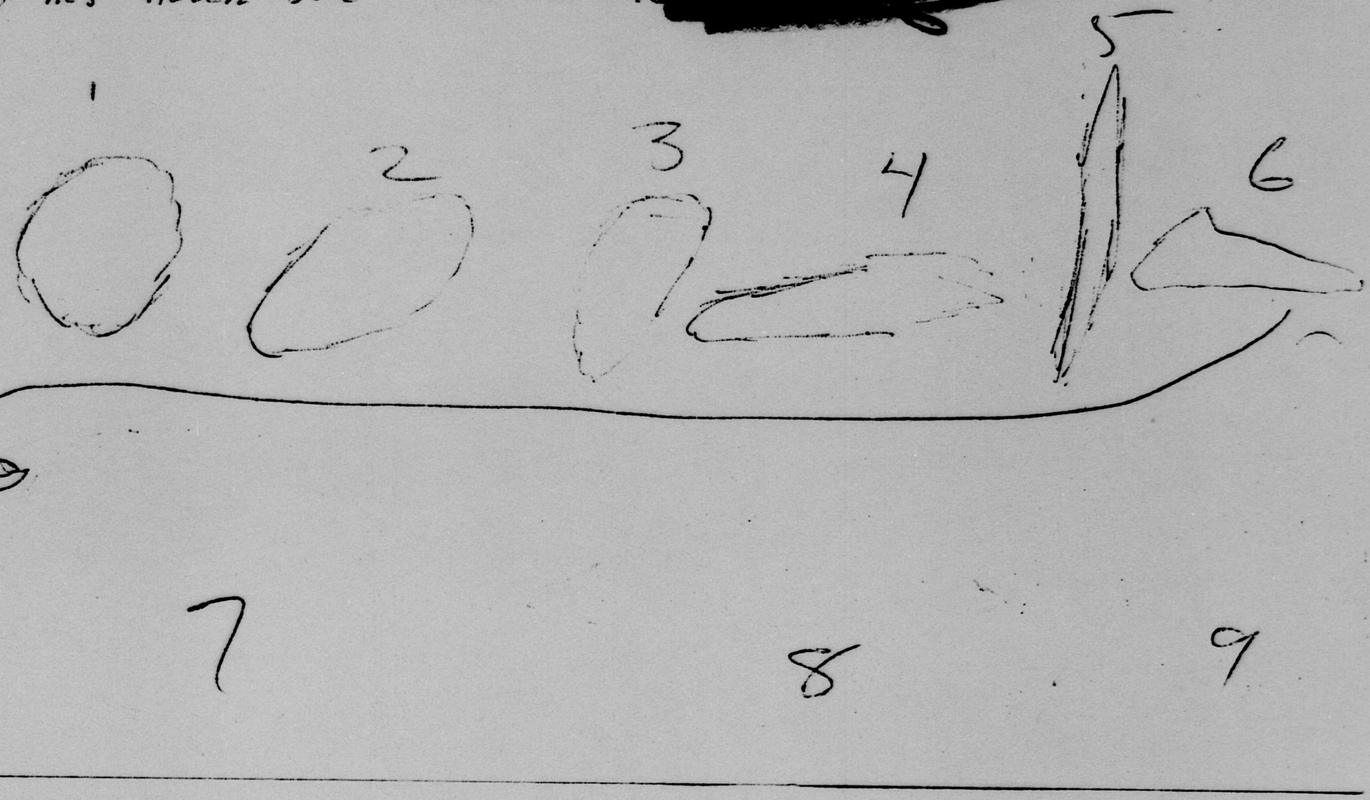
4.

5

Sighting by
[redacted]
at [redacted]
16 Aug, 66
between MKE
and Madison, Wisconsin
at 6500 MSL
Sequences 1 through
6 —
Remained in view
approximately 15 minutes

Address
[redacted]
Kent County Airport
Grand Rapids, Mich
PHONE
[redacted]

Sequence 1st sighting to last view
by 13 year old boy in Right seat
who has flown 300 Hours - Name [redacted]



Atch. 1 -

... reported noting an ... object. They said it settled down ... runway and then ... up and away.

... reports of UFOs also came ... Crystal, Coon ... Rochester, ... and Ponsford.

... Frank Peters, of north ... said several per- ... home saw a circle ... much brighter than a ... on clouds. ... high in the ... just poised there," she said. "... then it faded away into ..."

... resident of Plymouth, a ... board, said he saw ... UFO "which seemed to be sliding sideways ... colors seemed to be ... around."

Several people in the Itasca Park area told the Hubbard County sheriff's office they saw ... object two to three feet in ... later 200 feet above ground. It was bright green at first, they said, and then turned red. One caller said the object appeared to be following an eastbound car on Highway 71.

Several persons also reported an object two to three feet across, over Ponsford. It was up about 200 feet, they said, and was bright blue with a trailing blue flame.

...reported noting an ...object. They said it settled down ...eastbound runway and then ...up and away.

...ports of UFOs also came ...Crystal, Coon ..., Rochester, ... and Ponsford.

... Frank Peters, of north ..., said several per- ... home saw a circle ... brighter than a ... on clouds. ... high in the ..., just poised there," she said. "... then it faded away into ..."

... of Plymouth, a ..., said he saw ... UFO "which ... to be sliding sideways ... edges seemed to be ... around."

... people in the Itasca Park area told the Hubbard County sheriff's office they saw ... object two to three feet in ... about 200 feet above ground. It was bright green at first, they said, and then turned red. One caller said the object appeared to be following an eastbound car on Highway 71.

Several persons also reported an object, two to three feet across, over Ponsford. It was up about 200 feet, they said, and was bright blue with a trailing blue flame.

reported noting an object. They said it settled down ... railway and then ... up and away.

Reports of UFOs also came ... Crystal, Coon ... Osseo, Maple Grove, Rochester, ... Park and Ponsford.

... Prince Peters, of north ... said several persons ... home saw a circle ... brighter than a ... on clouds. ... in the ... just poised there," she said. "... then it faded away into ..."

... Plymouth, a ... suburb, said he saw ... UFO "which ... to be doing sideways ... and colors seemed to be ... inside."

Several people in the Itasca Park area told the Hubbard County sheriff's office they saw ... object two to three feet in ... 200 feet above ground. It was bright green at first, they said, and then turned red. One caller said the object appeared to be following an eastbound car on Highway 71.

Several persons also reported an object two to three feet across, over Ponsford. It was up about 200 feet, they said, and was bright blue with a trailing blue flame.

Schoenike

TDETR /Maj Quintanilla, Jr/70916/hl/26 Sep 66

Request for UFO Information and Sighting, [redacted]

Hq USAF (SAFOICC) SEP 27 1966

Reference the attached letter from [redacted] providing information on unidentified flying objects. The following is a suggested reply to his letter.

a. Dear [redacted],

It was most interesting to learn your views on probable causes of some unidentified flying object reports. We feel that many such observations are merely a result of abnormal atmospheric conditions. Such an abnormal atmospheric condition could have occurred the night of 16 August 1966, however, we do not believe this to be the primary cause of your observation.

After conferring with the Goddard Space Flight Center, Greenbelt, Maryland, we were informed that on that particular night a rocket was launched from Fort Churchill, Canada at 2239 CDT. This rocket reached an altitude of approximately 247 miles; at a somewhat lower altitude there was a barium cloud release. The colors must have been quite lovely as they began with a brilliant red color which changed to a violet followed by and ending with a greenish - blue. We were also informed that the cloud release was visible in parts of Minnesota. This was later confirmed by various tracking stations subordinate to Fort Churchill.

The Air Force received several reports from the Minnesota area regarding the observation which you refer to. After careful investigation our analysts feel that the particular research program which we mentioned was responsible for the various observations.

We wish to thank you for your interest in the UFO program and appreciated hearing from you.

FOR THE COMMANDER

W. S. Wheeler

WARREN S. WHEELER, Colonel, USAF
Deputy for Technology & Subsystems

1 Atch
Ltr, Ernest Schoenike

COORDINATION
ORIGINATOR: [signature] DATED 26 Sep 66
TDETR MAJ H QUINTANILLA, JR

[signature] DATED 26 Sep 66
TDET

TDETR OFFICIAL READING FILE COPY

Winona, Minn., August 25th, 1966.

Project Blue Book Information Office,
SAFOI,
Washington, D.C. 20330

Dear Sirs: Through the courtesy of the Hon. Albert H. Quie, Representative of the 1st District, Minnesota, Congress, I received from your office some time ago a copy of your Project, Blue Book, 1 February 1966, which treats of various phenomena, known as U.F.O.

It is a well known fact that these phenomena have caused many citizens to become intensely alert to them and to speculate about the causes of them. I myself have become interested in these phenomena and they are also a topic of discussion with others, and the appearances of these phenomena have made 1st page headlines in our papers.

I also have made theories for myself as to the probable actualities which I believe to be entirely in electro-magnetic, and in atmospheric fields. I shall use as illustrations two very recent instances of phenomena, which may be listed under U.F.O. The first of these two is described in the Wednesday, Aug 17th edition of our local daily, Winona Daily News (which I am sending with this letter and you may keep for filing) The second is one I witnessed Wednesday Evening, August 17 11½ P.M. from my bedroom window. It had been a hot, sultry day and the thermo had risen to 94°F. In the late evening the thermometer still showed 82°, and although this temperature is not excessively high still it was extremely uncomfortably warm, as to make sleep impossible. I looked out of the window, and beheld a fast moving object, flying quite low, perhaps a plane, noiseless. But all parts were bathed in extreme bright light and glistened like transparent polished glass. The colors were brilliant white and a deep crimson. It was an unusually beautiful spectacle, one that I had never witnessed even before. Pushing up to the window I saw it for about 7 seconds, when, since it was flying low, it vanished because of the trees and buildings. It was headed towards the airport. My opinion that this extreme by brilliant light was caused by extraordinary condition of the atmosphere. The object, whatever it was, traveling through an intensely electric or magnatic charged atmosphere became luminous without heat, somewhat on the order of the aurea borealis. The unusual part of my sighting and also the phenomena seen on Tuesday night, August 16th is that those and mine were two close

in time, only one day apart, so that one might conclude that simi-
lar atmospheric conditions existed (highly "charged electrical condi-
tion). Of course in times past meteors, tornados have "come and
with the earth's atmosphere and have given us an unusual, and
also a colorful spectacle. But if that is not the case then I would
say that sections of the atmosphere act as large soap bubbles do.
As children we used to blow, which we could, up to a large and tenu-
ous size, when we had the right kind of soap. There were at times
two or more large, ones hanging from the clay pipe, we used, each one sharply
defined, and each one at a different angle from the other. And how color-
ful were not the reflected trees, flowers, buildings, and clouds on the sur-
face of these bubbles. It is my opinion that the atmosphere at cer-
tain times has qualities of reflecting surfaces, and when this condition
exists and these reflections, just as the surfaces of the soap bubbles are
sharply divided and defined, an object with lights as a matter of aero-
plane & train with head and taillights, would appear at one time as
standing still at zero angle to the curved reflecting surface of the atmosphere
then again moving and perhaps flying at a horrendous speed when it
reflected at the edge of the air bubble, and when it is reflected from the
next air bubble, which is set at different angle, would naturally assume
a different direction suddenly and instantaneously, also a different
speed and perhaps vanish suddenly when the spectator gets out of the
range of the reflection. This may sound fantastic but it is possible
and may be called possable; for the atmosphere assumes assumes re-
flective properties at times and mirages are not too rare occurrences.
Regarding the phenomenon I saw on yonder Wednesday Evening: The at-
mosphere was without doubt definitely charged strongly electrically. For
in that P.M. a tornado had been regarded as possible for a part of the State
which also was included in our area. This tornado however did not realize.
However there was something uncommonly disagreeable in the weather,
something indescribably uncomfortable, high humidity and a feeling
of pressure, altho the temperature was not excessively high. From this I
gather that this moving object, most likely a plane, traveling at nor-
mal speed in these abnormal atmospheric conditions collected
so much static electricity that it became luminous and the whole
external surface of the plane was lit up in brilliant white and
beautiful crimson colors. As I say, it was one of the most beauti-
ful spectacles I ever witnessed, but the cause or causes for
it may not be quite clear, although the deeper causes, like everything else
in nature, like gravity, the warming inexhaustible light and
heat of the sun, electricity and so on, and so on defy explana-
tion. — So I would say, that falling meteors, and planes
traveling in the air atmosphere can shape up into fantastic
beautiful and also, for some people, terrifying objects, and

3) if we have conditions in the air that the air masses reflect objects like trucks, cars, trains, or an string with lights, there can assume fantastic shapes, and unbelievable speeds. A combination of both conditions would be overwhelming to even. strange electric phenomena have been observed from ages past but the people before the time of Benjamin Franklin knew very little about their causes. Thus it is a lot to learn yet about these so called U.F.O but I believe with more study of them most of them will be resolved and understood along the lines of electrical and atmospheric phenomena. Your report, Project Blue Book was very interesting. Hope to hear from you again, and any new reports will be welcome. Very sincerely Yours.

[redacted]

Winona, Minn.
55987

Am reading Air to the Pot Office
E.S.S.

Flood of UFO Reports in State

By THE ASSOCIATED PRESS

Unidentified flying objects, variously reported as bright green, red, bright blue and bluish-green, were reported in Minnesota overnight.

Employes in the control tower at the Minneapolis - St. Paul International Airport reported sighting "an object." Twin Cities radio stations received about 75 calls from persons who reported sightings. The Weather Bureau received some calls.

At the Flying Cloud Airport southwest of Minneapolis, several pilots reported noting an object. They said it settled down on an east-west runway and then zoomed up and away.

Reports of UFOs also came from areas near Crystal, Coon Rapids, Waconia, Rochester, Itasca Park and Ponsford.

Mrs. Frank Peters, of north Minneapolis, said several persons at her home saw a circle of light much brighter than a searchlight beam cast on clouds.

"There it was, high in the sky, just poised there," she said. "And then it faded away into nothing."

★ ★ ★

Donald Steffan of Plymouth, a Minneapolis suburb, said he saw a bluish green UFO "which seemed to be sitting sideways and the colors seemed to be going around."

Several people in the Itasca Park area told the Hubbard County sheriff's office they saw an object two to three feet in diameter 200 feet above ground. It was bright green at first, they said, and then turned red. One caller said the object appeared to be following an eastbound car on Highway 71.

Several persons also reported an object, two to three feet across, over Ponsford. It was up about 200 feet, they said, and was bright blue with a trailing blue flame.

TDET/UFO

9 December 1966

UFO Sighting, 16 August 1966

Hq USAF (SAFOICC)

Reference the attached unidentified flying object report from [redacted] A summary of our evaluation is contained in attachment two.

FOR THE COMMANDER

LOUIS DeGOES, Colonel, USAF
Director of Technology and Subsystems

2 Atchs
1. UFO Rpt, 16 Aug 66
2. Summary of Evaluation

TDET/Lt Whitaker/ljk

UFO SIGHTING, 16 August 1966, [redacted]

The information submitted has been studied and we feel that [redacted] observed a barium cloud which was visible throughout the northern part of the United States on the night of 16 August 1966. His description, regarding shape, size, color, and motion is consistent with that reported by various other witnesses in the states of North Dakota, Minnesota and Wisconsin.

Air Force investigation revealed that various NASA scientists were participating in several upper atmosphere experiments in the Fort Churchill, Canada area. At 2239 CDT on 16 August 1966 a rocket, equipped with an experimental package, was launched from Fort Churchill and reached an altitude of approximately 250 miles. Shortly before reaching the programmed altitude, a barium cloud was released into the atmosphere. The attached news release provides additional information regarding the objective of this scientific experiment. The Fort Churchill experiment preceded the Wallops Island experiment, however, they were identical in experimental objectives.

WASHINGTON, D.C. 20515
(202) 225-5271

COMMITTEE:
AGRICULTURE

20TH DISTRICT, ILLINOIS

CHAIRMAN:
HOUSE REPUBLICAN COMMITTEE
ON NATO AND ATLANTIC COMMUNITY

Congress of the United States
House of Representatives
Washington, D.C.

October 28, 1966

Congressional Liaison Officer
Department of the Air Force

Dear Sir:

The attached communication is transmitted for your consideration.

If you will advise me of your action in this matter, I will appreciate it very much.

Thank you for your cooperation.

Sincerely yours,

Paul Findley

Paul Findley
Representative in Congress

PF:P
Enclosure

[redacted]

Ruttger's Bay Lake Lodge

Food Recommended By
Duncan Hines

"GOLF AT RUTTGERS"

ALEC & JACK RUTTGER
Owner - Hosts

Deerwood, Minnesota

August 19, 1966

Dear Paul:

Please excuse this enclosed recording of events on your valuable time but I thought you would be able to send this on to the most appropriate office or department for proper evaluation.

I saw this "thing" last night while fishing and though I do not believe it was an object of occupancy by "beings" I felt it was of sufficient interest to report. If it was some piece of "space junk" burning maybe it was observed correctly somewhere and it would be nice to have confirmation of it. When the size became larger + larger we had the impression that it was coming closer and I must say my pulse rate increased and I sat down in the boat to observe it more calmly! Sounds silly doesn't it?

Mary + the boys + I are vacationing here and having a wonderful time. The weather has been excellent.

Last weekend we visited [redacted] at Fergus Falls Minnesota and the boys caught 46 crappies + bluegill in about 1 hour!!

Hello to [redacted]!

Thank you for reading this but + forwarding it.

Sincerely,

[redacted]

"For Families"

All New: Ruttger's Key's Motor Lodge - Marathon Shores, Fl[redacted] M. L.

Ruttger's Bay Lake Lodge

[illegible]

[illegible] 1966

To whom it may concern:

I wish to describe a phenomenon witnessed by myself on August 18, 1966 while fishing on Bay Lake. (Please find enclosed map

At 2250 hours on 18 August 1966, while fishing in an open boat, I observed a circular bluish white misty "object" which was due north of my position in Bay Lake (approximately 5 miles SSE of Deerwood Minnesota). This visual observation at first appeared in the sky to be slightly larger than a "Harvest moon" and was sighted as though above tree top level. Time 2250 hours - Direction - on a line perpendicular with the North Star) Distance ??? Sky conditions - absolutely clear (seeing that [illegible] Water - calm wind - none. The phenomenon [illegible] just began to [illegible] a darker revolve in a clockwise manner [illegible] became larger center with a bluish periphery [illegible] and larger giving the impression it was coming nearer. There was no noise - it appeared to be much closer than the initial impression [illegible] size (that of harvest moon) and was about 4 to 6 times the diameter of the original size. The distance factor was very difficult to evaluate but seemed closer than a previously noted "shooting star" or previously noted "northern lights." The [illegible] like nothing [illegible] gave the impression of [illegible] much on a "pin wheel" [illegible] Then activity ceased. It [illegible] dimming. occurred [illegible] seemed developed [illegible] and a vertical [illegible] (line of vision obstructed) for this faded and glowed [illegible] 15 minutes. This phenomenon did reflect in the water.

"[illegible] Families"

All at Ruttger's Bay Lake Lodge - Marathon Shores, Fla. (OVER)

[illegible] (11) [illegible]

being black and the north-one dissolved. Then as it rotated clockwise and grew larger gave the impression of coming closer & seemed if it might be some "space ship" reaching the atmosphere. Then one [illegible] appeared [illegible] 20 miles.

[illegible] the reception was [illegible] very difficult [illegible] phenomena since it was quite windy. I do not think [illegible] of any help in meteorological study.

[redacted]

1st observation
225 Aprx
12 Dec 1966

(Bright light (white) (Not clear)

Light vertical line

2nd Observation
2252 Apr

2nd paper changes in position
2003 hrs

3rd observation (very bright light) (Not clear 15-20 minutes)

CHURCHILL RESEARCH RANGE

CHAMP DE TIR DES RECHERCHES
À CHURCHILL

TELEX NUMBER: 0366 - 24

PLEASE QUOTE FILE No. 7826-7
No DE DOSSIER À RAPPELER

NATIONAL RESEARCH COUNCIL
CONSEIL NATIONAL DE RECHERCHES
CANADA

FORT CHURCHILL, MANITOBA

14 October 1966.

Department of the Air Force
Headquarters Foreign Technology Division
(AFSC)
Wright-Patterson Air Force Base, Ohio 45433

Attention: Colonel Warren S. Wheeler, USAF
Deputy for Technology and Subsystems.

Dear Colonel Wheeler:

I refer to your letter of 22 September 66.

I am attaching two copies of photographs taken by our All Sky Camera of these clouds. The rocket in question was launched at 2239 hours Central Daylight Time on 16 August 1966, under our Test Number 149.6.B5.198.6.L. The Barium Release took place at altitude 240 km. and 356 km. The rocket was launched from this Range located at Fort Churchill, Manitoba.

Yours truly,

R.M. MacGibbon,
Chief of Operations,
Hq Churchill Research Range.

Attach.

NH:mp

c.c. File-TD 198