

PROJECT 10073 RECORD

1. DATE - TIME GROUP	2. LOCATION
17 Oct 66 18/0035Z	Midland, Michigan two witness
3. SOURCE	10. CONCLUSION
Civilian	Aircraft(possible)
4. NUMBER OF OBJECTS	Satellite(Echo II)
four	Echo II was in the area traveling northward at 1951 EDT.
5. LENGTH OF OBSERVATION	11. BRIEF SUMMARY AND ANALYSIS
50 minutes	Observers noted a star like object in the east that was much brighter than the stars surrounding it. They assumed it to be a large plane since it appeared motionless. When the observer began to blink off the object went wild. It began to dim and then brighten then slowly begin to move toward the north. With binoculars the object looked like it had windows. A red light appeared over this white light, then three other red lights were visible. These red lights departed in different directions. The descriptions are consistent with that of aircraft observations and a satellite observation. The object that was moving slowly toward the north appears to have been the Echo satellite.
6. TYPE OF OBSERVATION	
Ground Visual Bx	
7. COURSE	
Varied	
8. PHOTOS	
☐ Yes ☒ No	
9. PHYSICAL EVIDENCE	
☐ Yes ☒ No	

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]
MIDLAND, MICHIGAN

32. Please give the following information about yourself:

NAME [REDACTED] [REDACTED] [REDACTED]
Last Name First Name Middle Name

ADDRESS [REDACTED] MIDLAND MICHIGAN
Street City Zone State

TELEPHONE NUMBER [REDACTED] AGE 16 SEX MALE

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

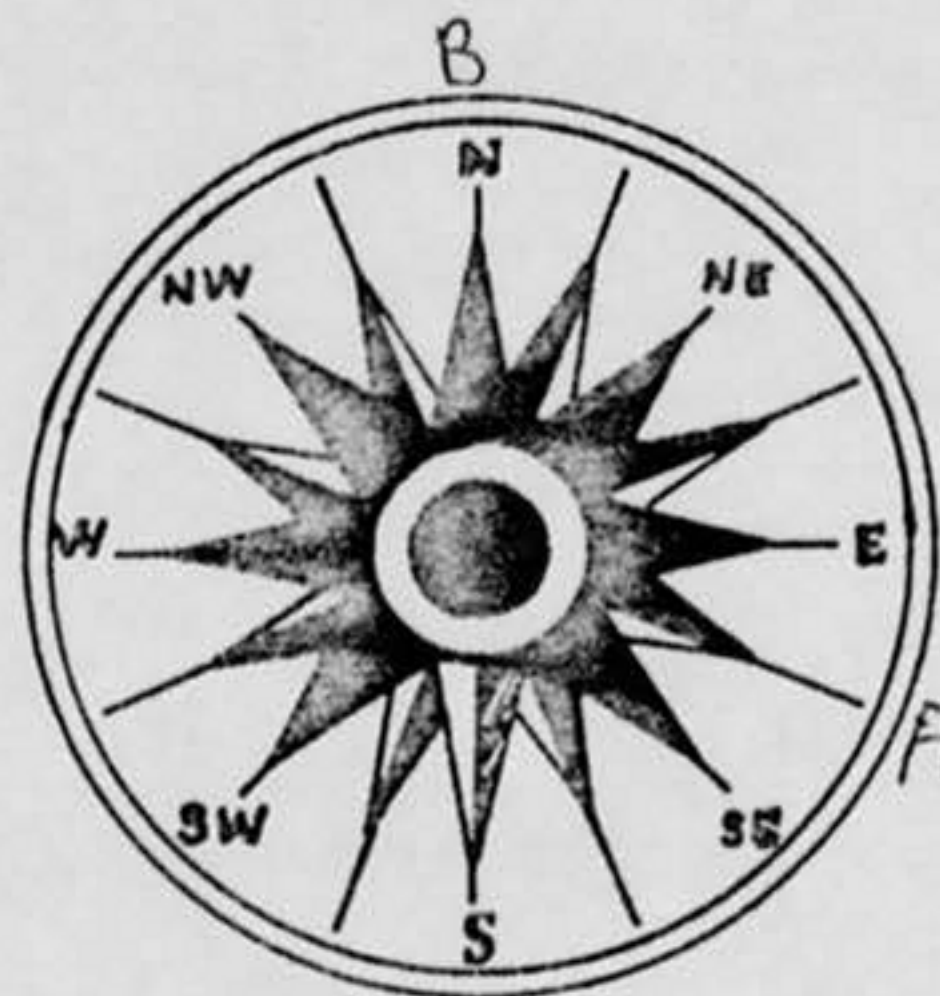
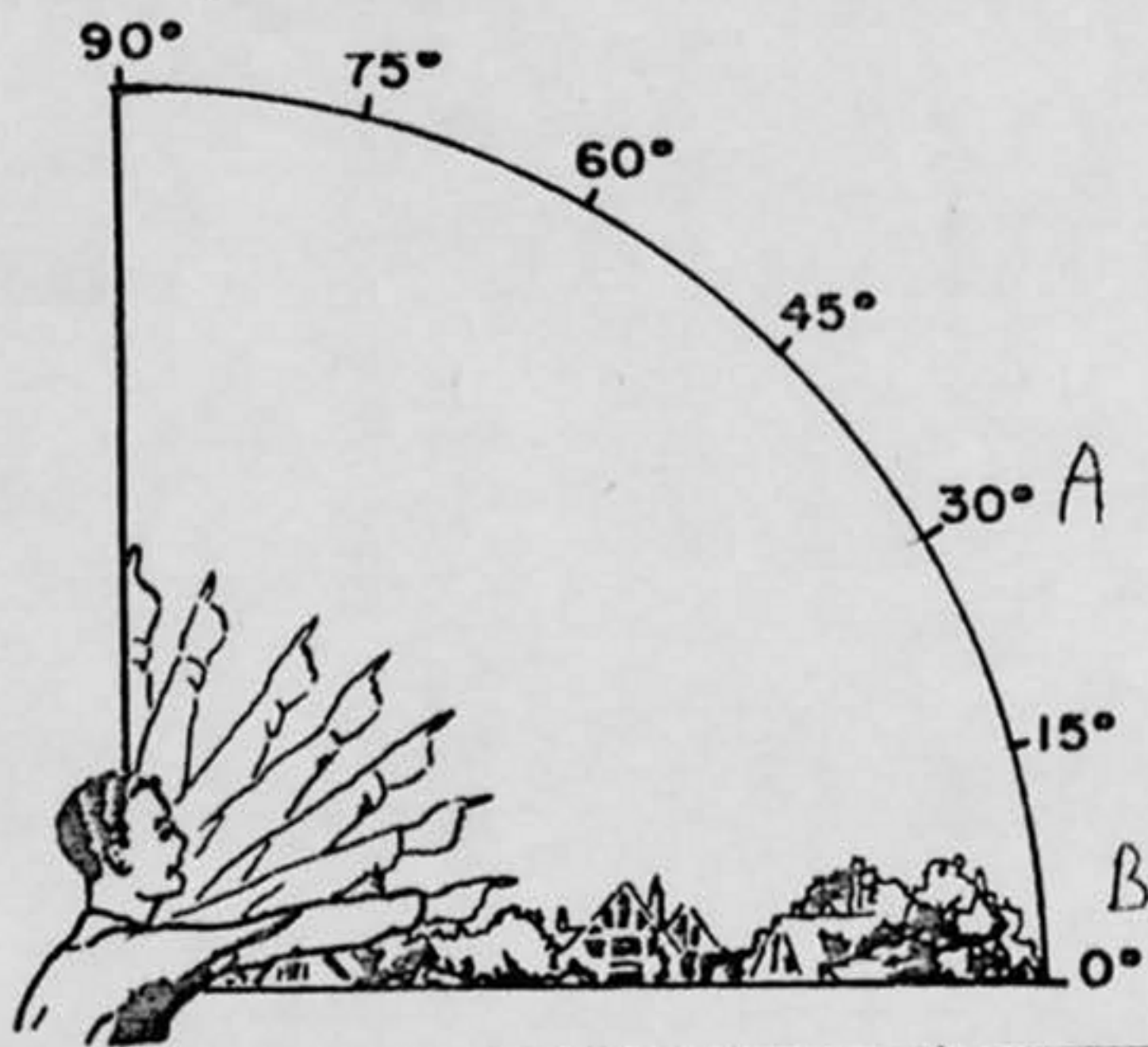
NONE.

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

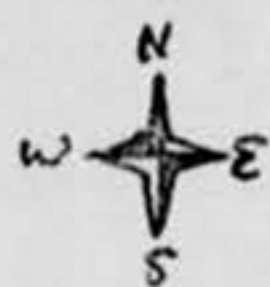
24 OCTOBER 1966
Day Month Year

[REDACTED]
KETTERING, OHIO

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.



REVERSED DIRECTION,
WITHOUT STOPPING OR
SLOWING.

TWO REVERSED
DIRECTION.
ONE DID NOT
REAPPEAR, OTHER
TO WEST.

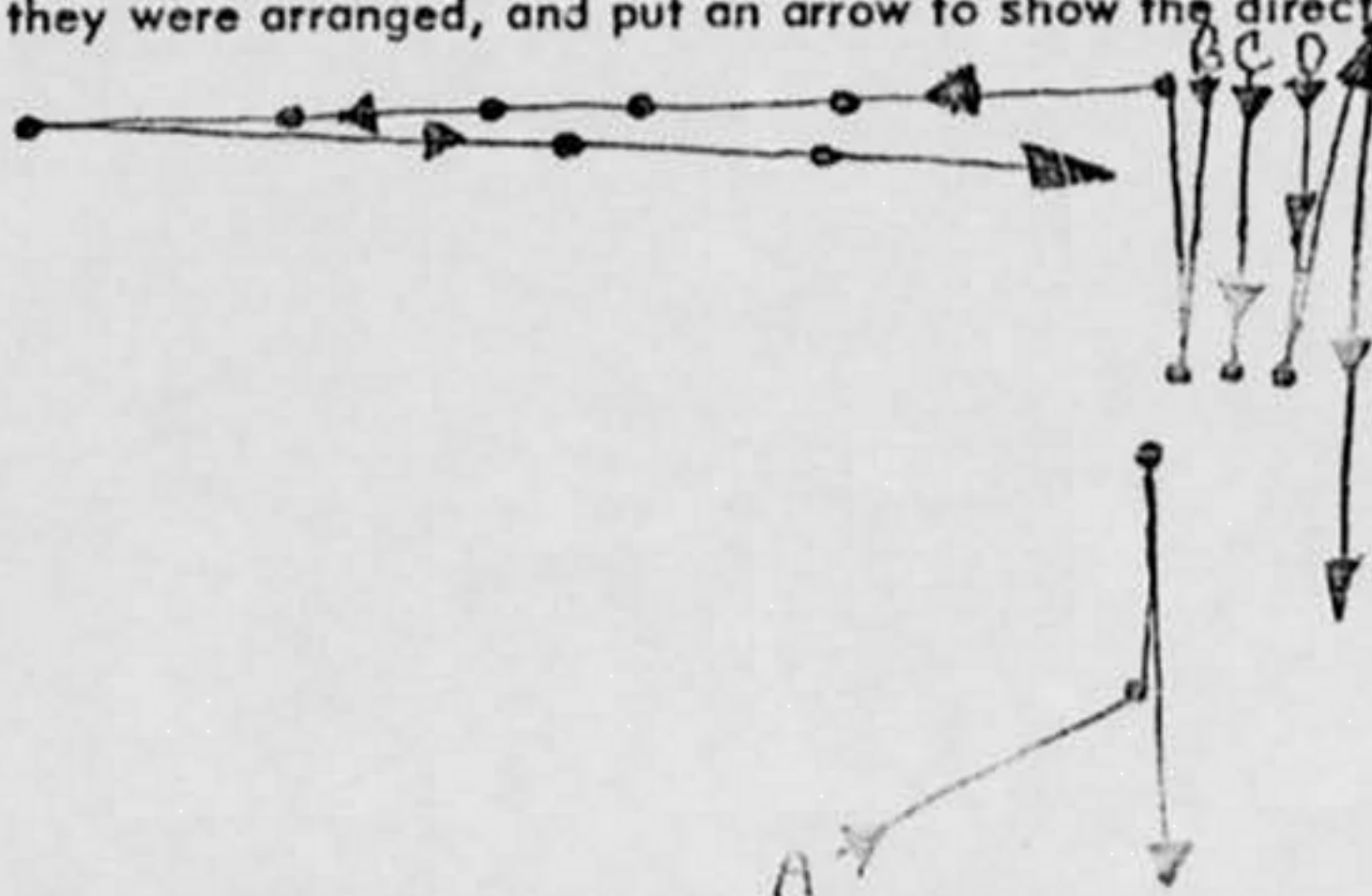
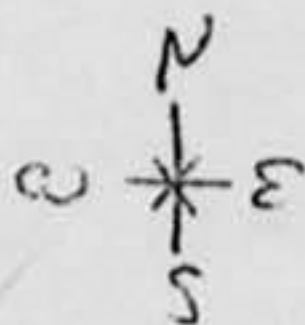
REMAINED HERE,
CONVERGED
HERE

FIRST ONE SEEN
AS BRIGHT, WHITE LIGHT

PROCEEDED SOUTH.

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

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



and resuming its red light, it continued westward. We were astounded when: its front end ignited as a brilliant green; the red light ceased (again); and, without stopping or slowing, it reversed completely and retraced itself eastward into the trees.

We finally checked the time — 8:05 p.m. when our attention was drawn to another of the objects in the east, which repeated the reversing operation, identically as the first, and disappeared for the night.

8:25 p.m.

Monday, October 17, 1966

34. Date you completed this questionnaire:

3

NOVEMBER

1966

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.

While leaving our home at approximately 7:25, we noticed a "star" in the east that was much more brilliant than those surrounding it. At the time we assumed that it was a large planet. As we proceed west we observed it to glow progressively brighter, but it did remain stationary. We were a quarter mile away from the house (with no precise account of the time) when the wild idea of O.F.O.'s entered our minds. "Wild", until the object suddenly decreased its intensity, brightened, and dimmed. Standing still for 3 or 4 minutes (and aligning it with two telephone poles (power lines)), we saw it motivate itself; ascend, descend, and proceed northward slowly. Upon this surprising observation, we sprinted to our home. One of us remained outside and the other ran for the binoculars. During that time, the object had increased its speed and lowered its altitude. With the binoculars (Streamline 7x35), we saw windows very distinctly in its lighted, box-like cabin.

When a red light appeared (for the first time) prevailing over the whight light, three other distinctly similar, red objects appeared from the north and converged in the east with the first. After several minutes they departed: two to the north, one behind the trees; one to the north south. The one traveling south began a rapid series of red flashes in a very irregular pattern. About that time we sighted an airplane from the southwest, traveling east-north east, at a low altitude.

When we retreated to the roof of our house, where we followed the path of the north-bound object. When, traveling west with its constant red light (in the rear), it stopped here and there to hover over the Dow Chemical reservoir area. (At which times the red light ceased and the whight light returned.) Then, picking up speed,

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:

A yard light at a short distance

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

c. Other definite shape

13. Did the object:

(Circle One for each question)

- a. Appear to stand still at any time?
- b. Suddenly speed up and rush away at any time?
- c. Break up into parts or explode?
- d. Give off smoke?
- e. Change brightness?
- f. Change shape?
- g. Flash or flicker?
- h. Disappear and reappear?

☒ Yes	No	Don't know
☒ Yes	No	Don't know
Yes	☒ No	Don't know
Yes	☒ No	Don't know
☒ Yes	No	Don't know
Yes	☒ No	Don't know
☒ Yes	No	Don't know
Yes	☒ No	Don't know

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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?

17 October 1966
Day Month Year

2. Time of day: 7 35
Hour 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

Midland
City or Town

Michigan
State or County

5. How long was object in sight? (Total Duration)

0 50 _____
Hours 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 _____ No X

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

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? 80-100 M.P.H.

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? 3/4 mi.

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 | c. East | e. South | g. West |
| b. Northeast | d. Southeast | f. Southwest | 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.

Automobile with bright light coming from it.

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

yes, it went behind trees

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:

a woods

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:

The Dow Chemical Plant

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

a. Sound

None

b. Color

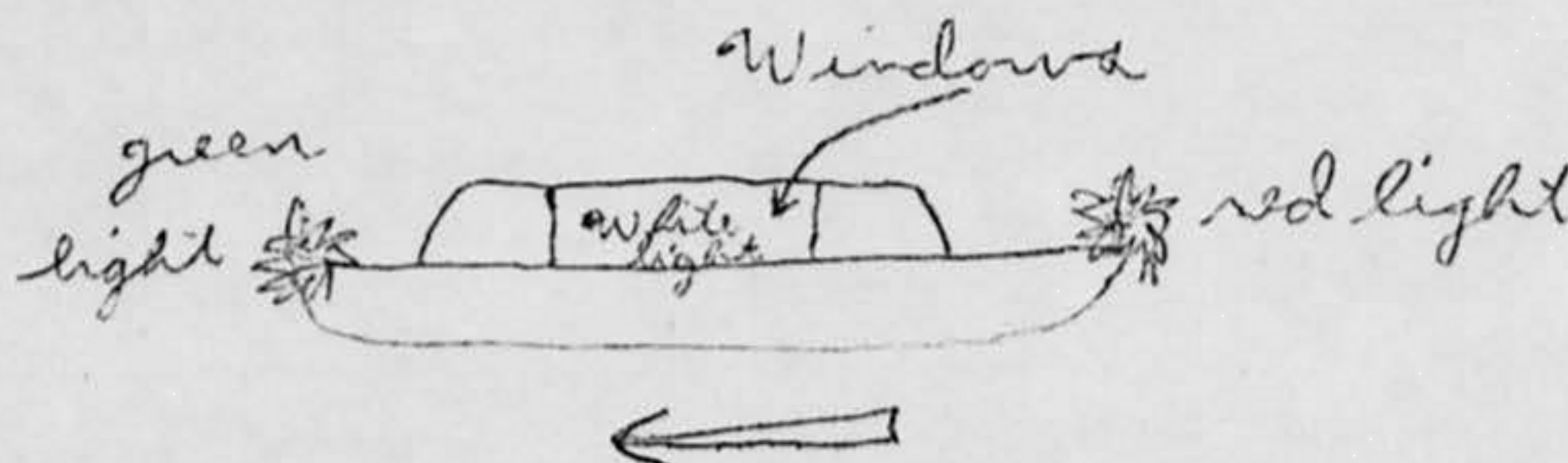
white light came from inside; red and white outside

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?

The same size as 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.



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]

Midland, Michigan

32. Please give the following information about yourself:

NAME

[REDACTED]
Last Name

[REDACTED]
First Name

[REDACTED]
Middle Name

ADDRESS

[REDACTED]
Street

Midland
City

[REDACTED]
Zone

Michigan
State

TELEPHONE NUMBER

[REDACTED]

AGE

14

SEX

MALE

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

Nothing

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

24

Day

October

Month

1966

Year

[REDACTED]

Kettering, Ohio

8:25, Monday, October 17, 1966

Upon leaving our home at approximately 7:35, we noticed a "star" in the east that was much more brilliant than those surrounding it. We assumed that it was a large planet. As we proceeded west we observed it to glow progressively brighter, but it did remain stationary. We were a quarter mile from our home (with no precise account of the time) when the wild idea of UFOs entered our minds. Wild until the object suddenly decreased its intensity, brightened, and flamed (for the final time). Standing still for three or four minutes and aligning it with two telephone poles, we saw it motivate itself: Descending and proceeding northward slowly. Upon this surprising observation we sprinted back to our home. One of us remained outside and then they ran for the binoculars. During that time the object had increased its speed and lowered its altitude. With the binoculars (Streamline 7x35) windows were quite distinct in its lighted, box-like cabin.

When a red light appeared (for the first time) and prevailed over the white, we saw three other distinctly similar, red objects rise from the woods in the north and convene in the east with the first. After several minutes they departed: Two to the north; one below the trees; one to the south. The one traveling southward began a rapid series of red flashes, (were emitted in a very irregular pattern).

(about two miles distant) and departed from the southwest and travelling east-northeast).

Then we retreated to the rear of our house, where we studied the progress of the north-bound object. Travelling westward, with

Low
164

34. Date you completed this questionnaire:

13 November 1966
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.

See other questionnaire: [REDACTED]
[REDACTED]

Midland, Michigan
Phone: [REDACTED]

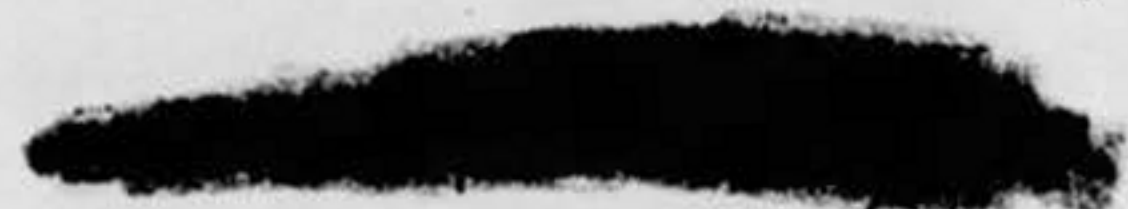
Age: 16

Sex: Male

its constant, red light (in the rear), it stopped here and there over the Dow Chemical Company's reservoir area (at which time the red light ceased and the white light returned) Then, picking up speed and resuming its red light, it continued westward. We were astounded when: its front end ignited as a brilliant green; the red light ceased (again); and, without slowing down or stopping, it reversed completely and retraced itself eastward into the trees.

We finally checked the time; 3:05 p.m. When our attention was drawn to another of the objects in the east. It repeated the reversing operation(identically as the first) and disappeared for the night.

Signed:

A large, dark, irregular redacted area covering the signature.A large, dark, irregular redacted area covering the signature.

Midland, Michigan

Via:

Jack Delphovich
TDETT

Memo for the Record:

At approximately 2351Z 17 Oct. 66 Echo II was over 79.2W 40N and on a northerly heading.

It appears that the initial observation was of the star Capella which was rising in the NNE part of the sky prior to the observation. At 1835 EST or 1935 EDT Capella was at 28 degrees AZ and at an elevation of about 9 degrees.

17 Oct 66

FTD (TDETR) *hl*
Wright-Patterson AFB, Ohio 45433
28 October 1966


Midland, Michigan 48640

Dear Mr. 

Reference your unidentified observation of 17 October 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
(Name of Recipient)

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:

yard light at a short distance.

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

c. Other very distinct shape.

13. Did the object:

(Circle One for each question)

- a. Appear to stand still at any time?
- b. Suddenly speed up and rush away at any time?
- c. Break up into parts or explode?
- d. Give off smoke?
- e. Change brightness?
- f. Change shape?
- g. Flash or flicker?
- h. Disappear and reappear?

☒ Yes

No

Don't know

☒ Yes

No

Don't know

Yes

☒ No

Don't know

Yes

☒ No

Don't know

☒ Yes

No

Don't know

Yes

☒ No

Don't know

☒ Yes

No

Don't know

Yes

☒ No

Don't know

Send Hynes copy

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?

17 OCTOBER 1966
Day Month Year

2. Time of day: 7 35
Hour 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

MIDLAND
City or Town

MICHIGAN
State or County

5. How long was object in sight? (Total Duration)

0 50 ?
Hours Minutes Seconds

a. Certain

b. Fairly certain

c. Not very sure

d. Just a guess

5.1 How was time in sight determined? WALL CLOCK

5.2 Was object in sight continuously? Yes _____ No X

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

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? 80-120 MPH.

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? $\frac{1}{2}$ mile (880 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 | c. East | e. South | g. West |
| b. Northeast | d. Southeast | f. Southwest | 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 | <u>No</u> | e. Binoculars | <u>Yes</u> | No |
| b. Sun glasses | Yes | <u>No</u> | f. Telescope | Yes | <u>No</u> |
| c. Windshield | Yes | <u>No</u> | g. Theodolite | Yes | <u>No</u> |
| d. Window glass | Yes | <u>No</u> | 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.

AT FIRST, A BALLOON WITH LIGHT BEING REFLECTED FROM IT.
WHEN MOVING, IT APPEARED LIKE AN AUTOMOBILE.

14. Did the object disappear while you were watching it? If so, how? Not materially, but
behind several trees.

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: wooded area

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: chemical factory (DOW CHEMICAL CO.)

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

a. Sound NOTHING NOTICABLE

b. Color WHITE LIGHT EMITTED FROM INSIDE, RED AND GREEN OUTSIDE.

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? MOST OF IT.

APPROXIMATELY SAME SIZE.

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.

WINDOWS VISIBLE THROUGH BINOCULARS.

