

PROJECT 10073 RECORD CARD

1. DATE 5 Oct 60		2. LOCATION Marion, Indiana		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☒ Probably Astronomical Meteor ☐ Possibly Astronomical	
3. DATE-TIME GROUP Local 2000 GMT 05/2400Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 2 sec		8. NUMBER OF OBJECTS one		9. COURSE descending	
10. BRIEF SUMMARY OF SIGHTING Green flame, spectrum color of burning copper. 1/3 the apparent diameter of the moon. Appeared 45° from horizon; disappeared 10° from horizon. Burned out.				11. COMMENTS There were 4 objects of Russian origin which reentered sometime in Sep or Oct, exact date unknown. Object could possibly have been one of these objects; however, duration of sighting is rather short for reentering man-made objects. Object was more probably a green fireball entering the earth's atmosphere, breaking up and burning out before reaching the ground.	

DEPARTMENT OF THE AIR FORCE
WASHINGTON

OFFICE OF THE SECRETARY

MAY 21 1961

Dear Senator Hartke:

This is in reply to your letter of May 8, 1961, in behalf of Mr. [REDACTED] concerning unidentified flying objects (UFO).

Mr. [REDACTED] interest in reporting his sighting is appreciated. However, it is extremely important that sightings be reported as promptly as possible so that a more complete and objective investigation may be accomplished. In this particular case, more information is required. Inclosed is a questionnaire we would like Mr. [REDACTED] to complete. When completed, this questionnaire should be mailed direct to the address given on the pre-addressed envelope.

Mr. [REDACTED] description sounds very much like he saw a bolide or a very bright meteor. Very bright meteors leave persistent trails and sometimes are called fire balls. One that explodes, perhaps audibly, is called a bolide. Very rarely one of these arrives large enough to survive entry into the earth's atmosphere and land on the ground. When such occurs, this is called a meteorite.

If we may be of further assistance, please let me know.

Sincerely,

CARL H. [REDACTED]
Colonel, USAF
Chief, Office of [REDACTED]
Director
Office of [REDACTED]

TO WHOM !!!

2 Inclosures

Honorable Vance Hartke
United States Senate

*I would not find it in the least to
value to send a report to
the people in the future we should
be able to report on a report before the
the [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]*

U.S. AIR FORCE TECHNICAL INFORMATION SHEET

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, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

5 Oct 1960
Day Month Year

2. Time of day: 8
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?

Nearest Postal Address City or Town State or Country

Additional remarks: Sitting on my back step looking south

5. How long was object in sight?

 2
Hours Minutes Seconds

5.1 How was time in sight determined?

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

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

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 *probably this*
- d. Don't remember

9. The object appeared:

(Circle One):

- a. As a light
- b. Shiny
- c. Dark
- d. Don't remember

10. If it appeared as a light, was it brighter than the brightest stars?

Yes 1/3 the apparent diam. of moon.

11. 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 |
- Apparently a meteor trail. ?*

12. 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: _____

13. 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: _____

14. Did the object appear: (Circle One): a. Solid b. Transparent c. Vapor d. Don't Know

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

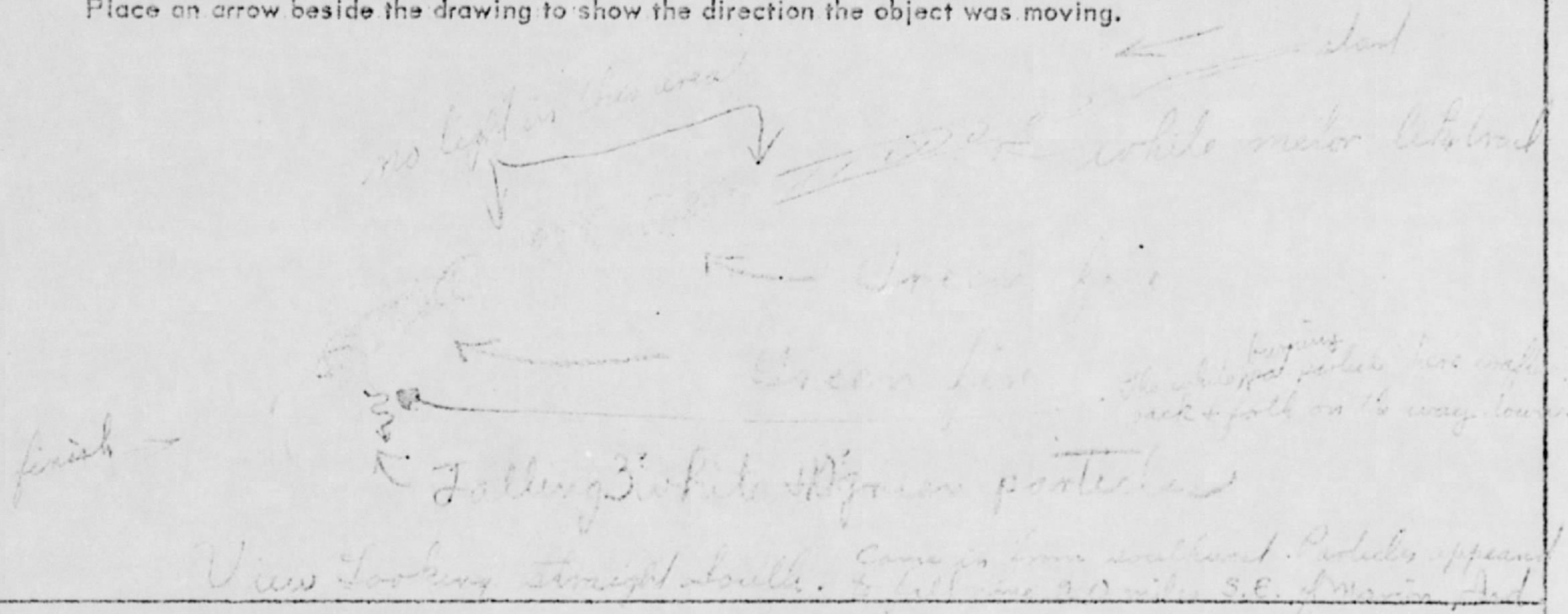
- | | | | | | |
|-----------------|-----|-------------------------------------|---------------|-------|-------------------------------------|
| a. Eyeglasses | Yes | ☒ No | e. Binoculars | Yes | ☒ No |
| b. Sun glasses | Yes | ☒ No | f. Telescope | Yes | ☒ No |
| c. Windshield | Yes | ☒ No | g. Theodolite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

16. Tell in a few words the following things about the object.

a. Sound None

b. Color Green flames Spectrum color of burning copper

17. 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.



18. 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 Like a roman candle

19. IF there was MORE THAN ONE object, then how many were there? One Only

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

20. 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.

Shown in #17

21. How large did the object appear to you as compared to an object with which you are familiar?

$\frac{1}{3}$ size of moon - maybe $\frac{1}{2}$

22. 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?

→ Just went out and tried the match stick against the moon. The green moon is smaller than I thought. The green part of the trail was at least $\frac{3}{4}$ the apparent diam. of the moon.

• $\frac{1}{3}$ of the width of green trail would have been covered by the match stick

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

Yes - burnt up?

24. 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.

Q

A roman candle with balls the size of baseballs

25. 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 _____

26. 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 _____

27. What were you doing at the time you saw the object, and how did you happen to notice it?

Sitting on the back steps. Bright light in sky attracted my attention

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

28.1 What direction were you moving? (Circle One)

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

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

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

(Circle One) Yes No

29. What direction were you looking when you first saw the object? (Circle One)

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

30. What direction were you looking when you last saw the object? (Circle One)

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

31. If you are familiar with bearing terms (angular direction), try to estimate the number of degrees the object was from true North (thru east) and also the number of degrees it was upward from the horizon (elevation).

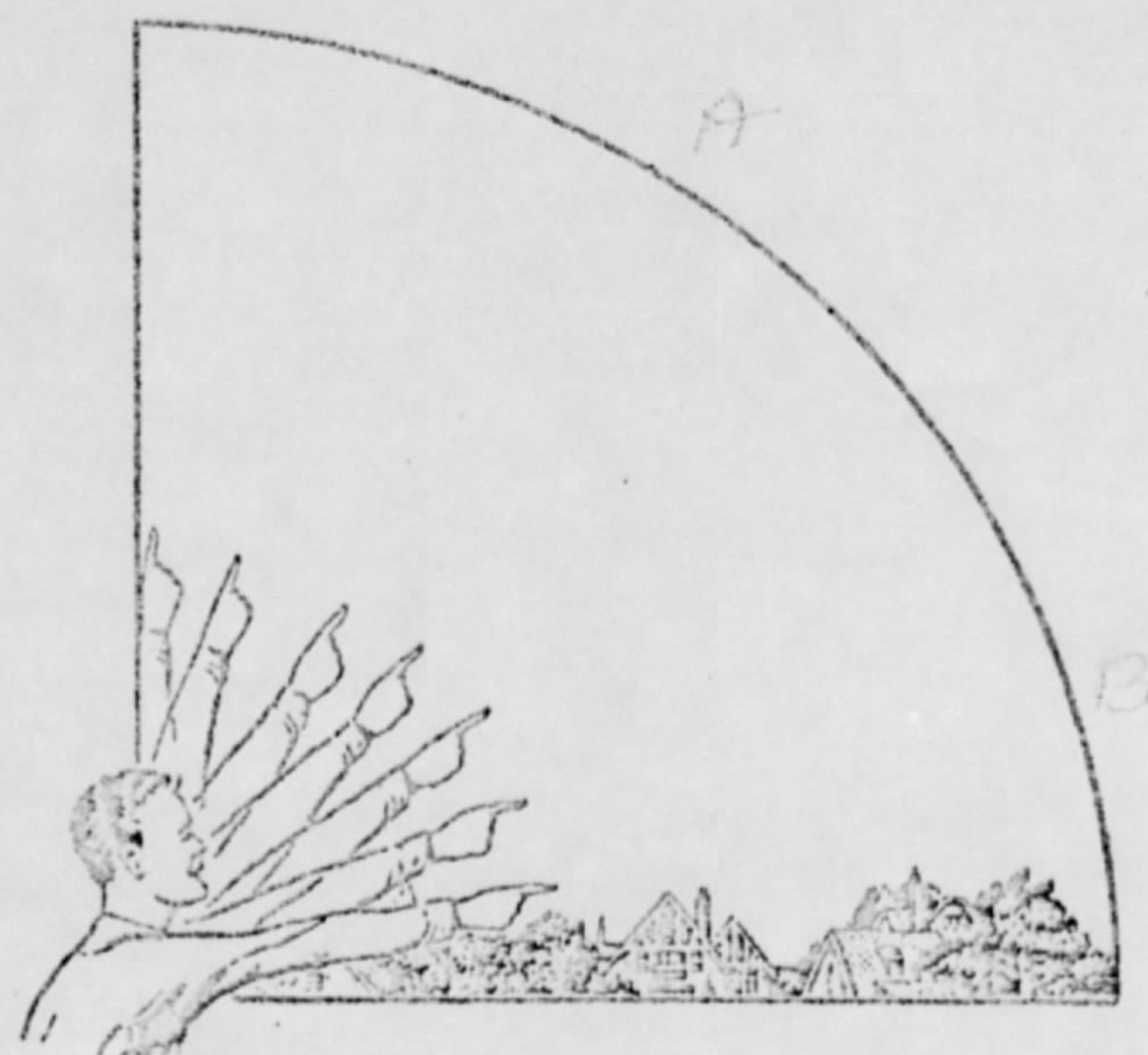
31.1 When it first appeared:

- a. From true North _____ degrees.
- b. From horizon 40° degrees.

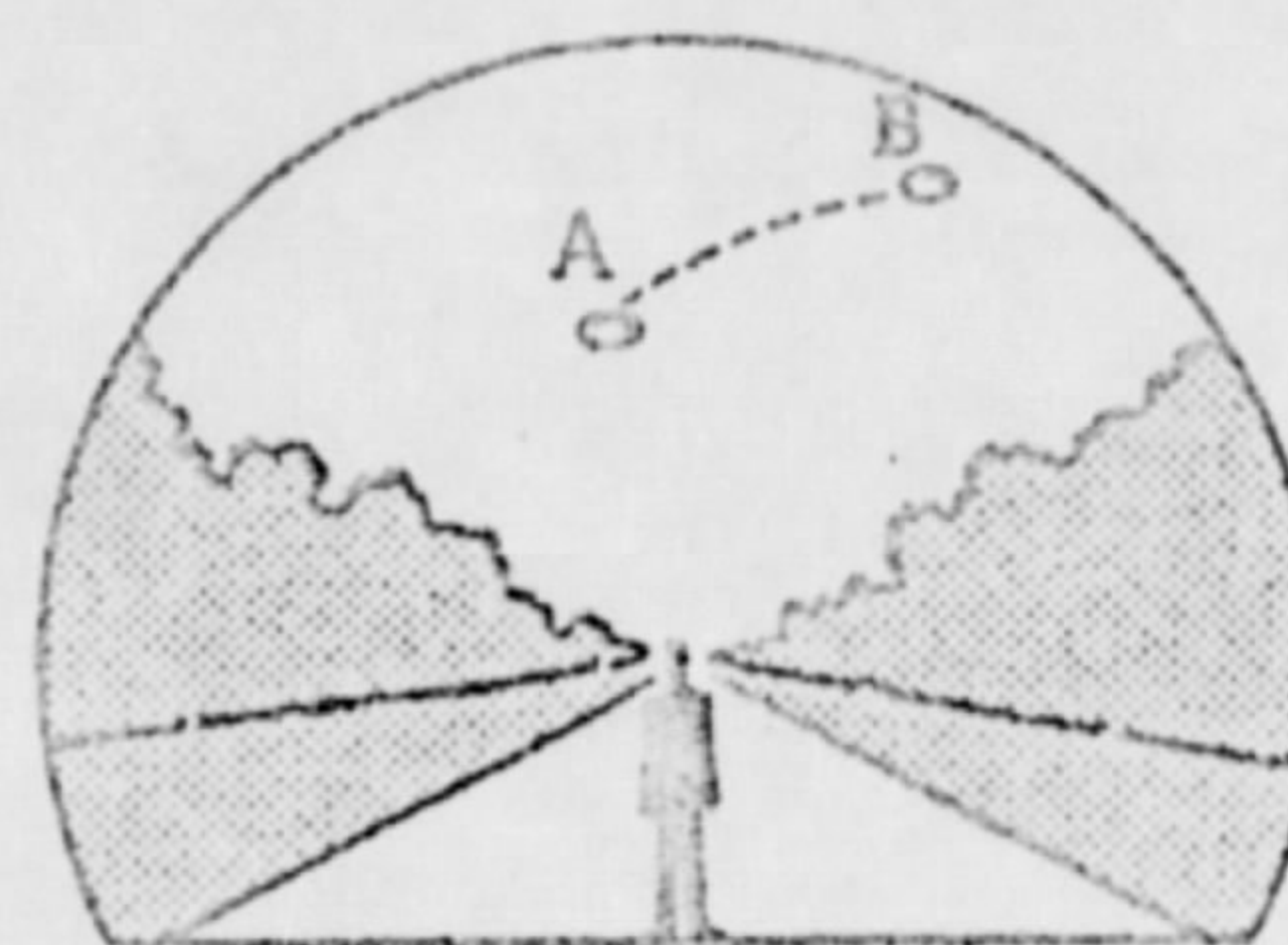
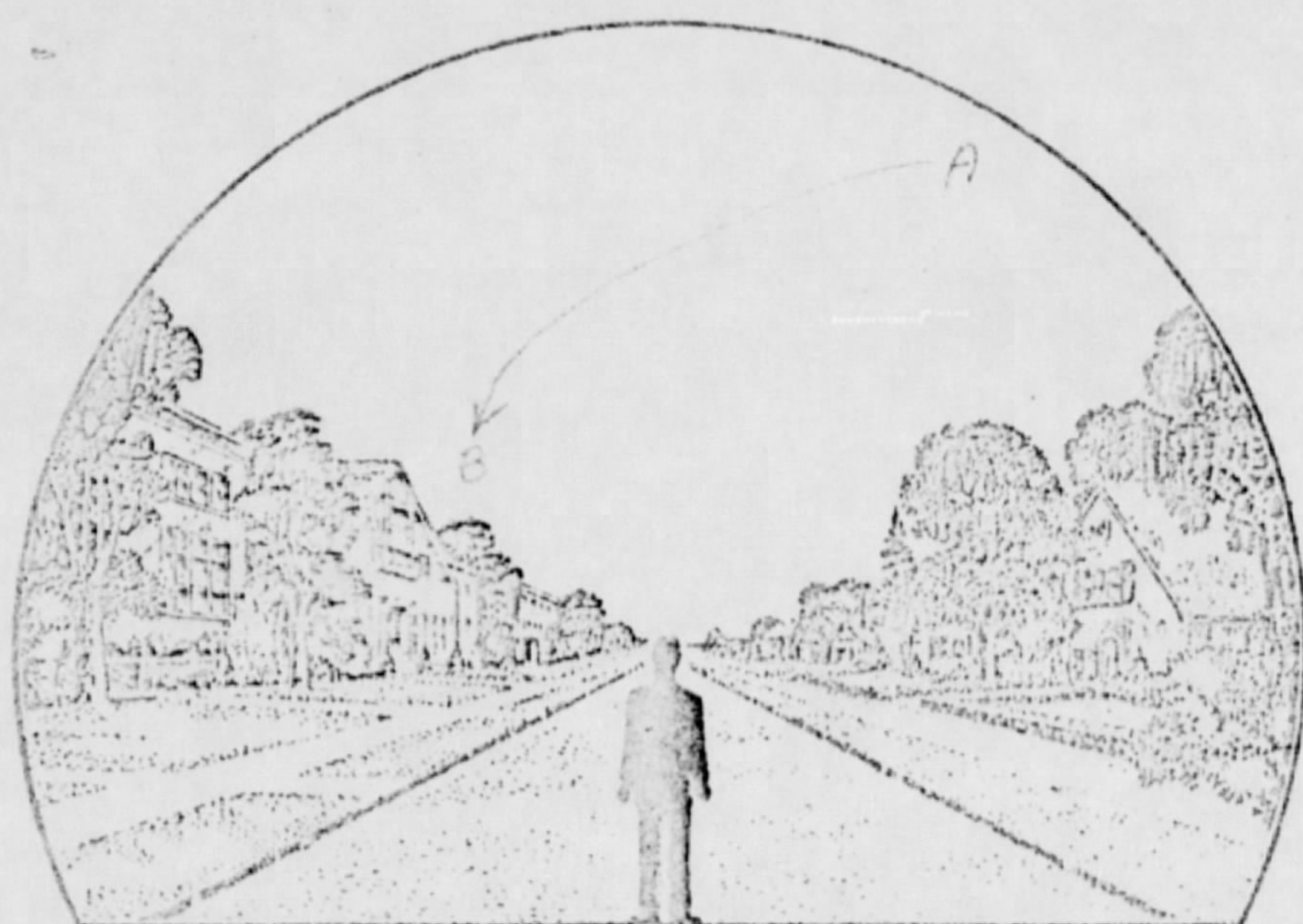
31.2 When it disappeared:

- a. From true North _____ degrees.
- b. From horizon 12° degrees.

32. 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.



33. In the following larger sketch place an "A" at the position the object was when you *first* saw it, and a "B" at its position when you *last* saw it. Refer to smaller sketch as an example of how to complete the larger sketch.



34. 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

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

28
Day

4
Month

61
Year

[REDACTED]

36. Was anyone else with you at the time you saw the object?

(Circle One) Yes ☒ No

36.1 IF you answered YES, did they see the object too?

(Circle One) Yes ☐ No ☒

36.2 Please list their names and addresses:

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

(Circle One) Yes ☒ No ☐

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

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

A. A small motor very close, (but doubtful)

B. A large motor far away (but doubtful)

C. The is entry of one of our, or other, space probes. (This is probably it)

I am not sure of the answer in the paper. I am not sure of the answer in the paper. Since there was a bright light, I am not sure of the answer in the paper. I am not sure of the answer in the paper.

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

(Circle One)

Yes

No

Very fast above 100 mph.

IF you answered YES, then what speed would you estimate? _____

40. 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? _____

41. Please give the following information about yourself:

NAME

Last Name

First Name

Middle Name

ADDRESS

Street

City

Zone

State

TELEPHONE NUMBER

Age

43

Sex

Male

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

I have had high school physics

I have had high school chemistry

I have been a radio, plus radar engineer, etc. I.V.

I sincerely doubt what I saw was a meteorite, meteor, solid or what have you. The green was an intense brilliant green, that of burning copper. (and I saw as yet another green meteorite.)

42. Date you completed this questionnaire:

21

Day

6

Month

61

Year

The green was pure indicating no other metals present, in quantities. The hot and streak of green is the only thing that makes it so interesting. There was no blue color or light phenomena in the green.