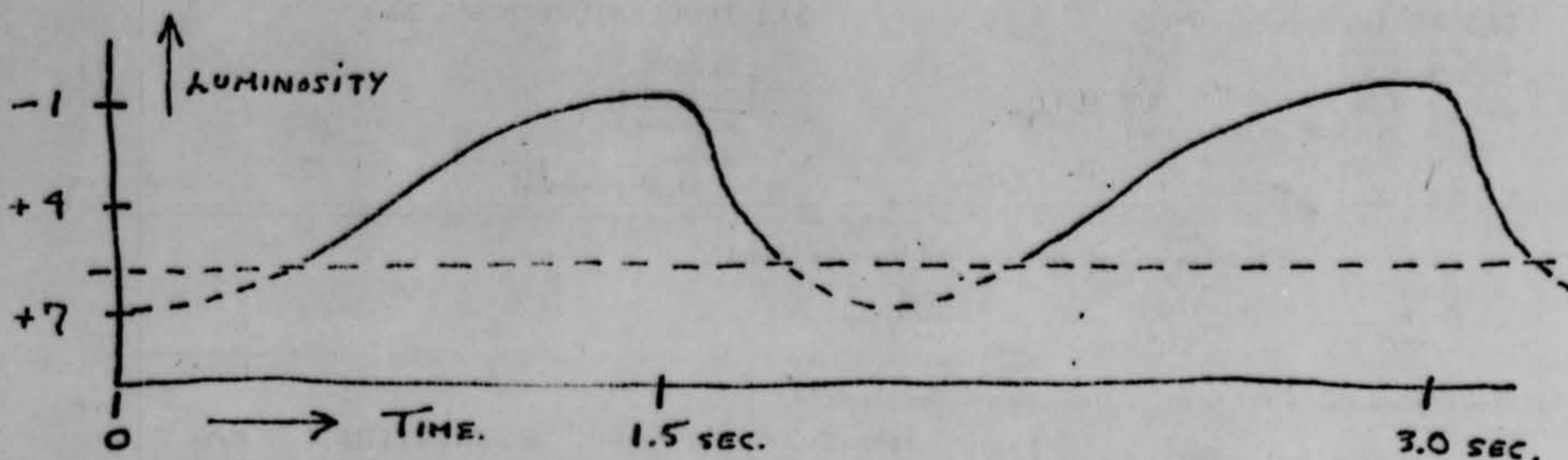


PROJECT 10073 RECORD CARD

<b>1. DATE</b> 25 Jan 54	<b>2. LOCATION</b> Las Cruces, New Mexico		<b>12. CONCLUSIONS</b> <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon
<b>3. DATE-TIME GROUP</b> Local <u>2200 MST (M)</u> GMT <u>26/0500Z</u>	<b>4. TYPE OF OBSERVATION</b> <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		<input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft
<b>5. PHOTOS</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>6. SOURCE</b> civilian		<input checked="" type="checkbox"/> Was Astronomical Meteor <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical
<b>7. LENGTH OF OBSERVATION</b> 5 - 6 seconds	<b>8. NUMBER OF OBJECTS</b> one	<b>9. COURSE</b> NE to SE	<input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
<b>10. BRIEF SUMMARY OF SIGHTING</b> Obj appearing as blob of light which changed brightness. Obj achieved max luminosity at the position directly in front of the observer.			<b>11. COMMENTS</b> Fireball observation.

ADDITIONAL INFORMATION NOT COVERED IN FORM.

THIS OBJECT WAS A PULSATING LIGHT, OBSERVED THROUGH FOUR COMPLETE CYCLES. THE PERIOD WAS APPROXIMATELY  $1\frac{1}{2}$  SECONDS, AND A ROUGH PERIOD-LUMINOSITY CURVE ON THE LOGARITHMIC STELLAR MAGNITUDE SCALE IS DRAWN BELOW:



THE PART OF THE CURVE BELOW THE DOTTED LINE IS EXTRAPOLATED BEYOND THE LIMIT OF UNAIDED VISION

THE IDENTITY OF THIS OBJECT CAN BE DEFINITELY ESTABLISHED TO BE THE SAME AS THAT OF THE ONE OBSERVED AT OBOE ASKANIA, BY INTER-COM EXCHANGE IMMEDIATELY FOLLOWING THE SIGHTING.

THE OPERATOR WHO CONFIRMED THIS OBSERVATION FROM OBOE ASKANIA STATION WAS:

**[REDACTED]**  
O.T.S. - F.M.B.  
FLIGHT DETERMINATION LABORATORY,  
WHITE SANDS PROVING GROUND,  
LAS CRUCES, N.MEX.

I WOULD BE QUITE WILLING TO DISCUSS FURTHER DETAILED INFORMATION WITH AN AUTHORIZED REPRESENTATIVE.

R.D.S.

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

(Circle One)  Yes  No

30° AZIMUTH / SEC. AT MIDPOINT.  
ASSUMING A ROUGH TRIANGULATION  
FROM OBOE TO BE VALID,

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

12,000 m.p.h.  $\pm$  3000

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

(Circle One)  Yes  No

ALSO ASSUMING THE  
ABOVE.

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

12 MILES . feet.  $\pm$  3 MILES.

41. Please give the following information about yourself:

NAME

[REDACTED] First Name [REDACTED] Middle Name [REDACTED]

ADDRESS

[REDACTED] Street LAS CRUCES, City NEW MEXICO. Zone State

TELEPHONE NUMBER

[REDACTED] (OR) WHITE SANDS PROVING G. [REDACTED]

What is your present job?

TECHNICIAN - TECHNICAL SERVICE UNIT, ORDNANCE CORPS.  
WHITE SANDS PROVING GROUND.

Age

28

Sex

MALE

Please indicate any special educational training that you have had.

- a. Grade school GRAD. e. e. Technical school \_\_\_\_\_  
 b. High school GRAD. (Type) \_\_\_\_\_  
 c. College COLUMBIA UNIVERSITY . f. Other special training SEE BELOW.  
 d. Post graduate \_\_\_\_\_

42. Date you completed this questionnaire:

27

Day

JAN

Month

1954

Year

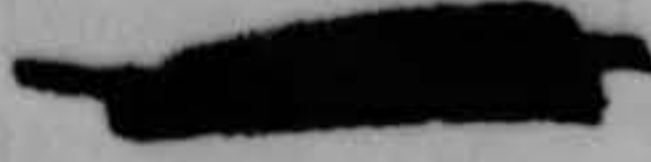
UNDER SPECIAL TRAINING, IN ADDITION TO MY COLLEGE WORK, MAY BE LISTED FIVE YEARS EXPERIENCE IN ASTRONOMY AND ASTRONOMICAL OBSERVING, INCLUDING WORK AT LOWELL OBSERVATORY, FLAGSTAFF, ARIZONA, AND AS A FACULTY MEMBER OF THE UNIVERSITY OF CHICAGO, IN DEPT. OF ASTRONOMY AT YERKES OBSERVATORY. I HAVE OBSERVED MANY THOUSANDS OF METEORS AND CAN DEFINITELY STATE THAT THIS OBJECT WAS NOT ANY TYPE OF METEOR.

PLEASE SEE NOTE ON OPPOSITE BACK PAGE.

[REDACTED]

This report received through Dr. Clyde W. Tombaugh, FDL, WSPG.

*Hold for return to  
Dr. Ayers*



*M. S. S.*

25/2000

LAS CRUCES NEW MEXICO  
Unclassified

Project HENRY  
PPS-161  
54-T-W

4

Form A

### 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?

25 JAN. 1954  
Day Month Year

2. Time of day: 2200  
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?

WHITE SANDS PROVING GROUND, LAS CRUCES, NEW MEXICO.  
Nearest Postal Address City or Town State or Country

Additional remarks: AT A BALLISTIC CAMERA STATION, 5 MILES NORTH OF ZEBRA ASKANIA (17 MILES FROM ARMY BLOCK HOUSE, AZ = 360°)

5. Estimate how long you saw the object. 0 0 5-6  
Hours Minutes Seconds

5.1 Circle one of the following to indicate how certain you are of your answer to Question 5.

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

6. What was the condition of the sky?

(Circle One): a. Bright daylight  
b. Dull daylight  
c. Bright twilight  
d. Just a trace of daylight  
e. No trace of daylight  
f. Don't remember

7. IF you saw the object during DAYLIGHT, TWILIGHT, or DAWN, where was the SUN located as you looked at the object?

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

8. IF you saw the object at NIGHT, TWILIGHT, or DAWN, 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. Was the object brighter than the background of the sky?

(Circle One):

a. Yes

b. No

c. Don't remember

10. IF it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight?:

(Circle One)

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

b. Several blocks away?

c. A block away?

d. Several yards away?

e. Other \_\_\_\_\_

BRIGHTNESS VARIED FROM LESS THAN  
+6 TO OVER -1 ON THE LOG. STELLAR  
MAGNITUDE SCALE.

SEE NOTE AT  
LEFT,  
AND BACK SIDE  
OF NEXT TO LAST  
PAGE.

11. Did the object:

(Circle One for each question)

- |   |   |  |            |
|---|---|--|------------|
| a. Appear to stand still at any time?           | Yes                                     | <input checked="" type="checkbox"/> No | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes                                     | <input checked="" type="checkbox"/> No | Don't Know |
| c. Break up into parts or explode?              | Yes                                     | <input checked="" type="checkbox"/> No | Don't Know |
| d. Give off smoke?                              | Yes                                     | <input checked="" type="checkbox"/> No | Don't Know |
| e. Change brightness?                           | <input checked="" type="checkbox"/> Yes | No                                     | Don't Know |
| f. Change shape?                                | Yes                                     | <input checked="" type="checkbox"/> No | Don't Know |
| g. Flicker, throb, or pulsate?                  | <input checked="" type="checkbox"/> Yes | No                                     | Don't Know |

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

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved behind: \_\_\_\_\_

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

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved in front of: \_\_\_\_\_

14. Did the object appear:

(Circle One):

a. Solid?

b. Transparent?

c. Don't Know.

~~NONE OF THESE~~ \*

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

- |                 |   |  |                |     |  |
|-----------------|---|--|----------------|-----|--|
| a. Eyeglasses   | <input checked="" type="checkbox"/> Yes | No                                     | e. Binoculars  | Yes | <input checked="" type="checkbox"/> No |
| b. Sun glasses  | Yes                                     | <input checked="" type="checkbox"/> No | f. Telescope   | Yes | <input checked="" type="checkbox"/> No |
| c. Windshield   | Yes                                     | <input checked="" type="checkbox"/> No | g. Theodolite  | Yes | <input checked="" type="checkbox"/> No |
| d. Window glass | Yes                                     | <input checked="" type="checkbox"/> No | h. Other _____ |     |  |

\* THE OBJECT WAS A LIGHT SHOWING ONLY LUMINOSITY WITH NO PHYSICAL DIMENSION DETECTABLE.

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

a. Sound NONE - COMPLETELY SILENT.

b. Color YELLOW WHITE RADIATION CURVE. (STELLAR TYPE G0 ON HARVARD SPECTRAL CLASSIFICATION)

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.

AS NOTED ABOVE, THE OBJECT WAS A POINT SOURCE OF LIGHT NOT RESOLVABLE BY THE UNAIDED EYE INTO ANY PHYSICAL DIMENSION.

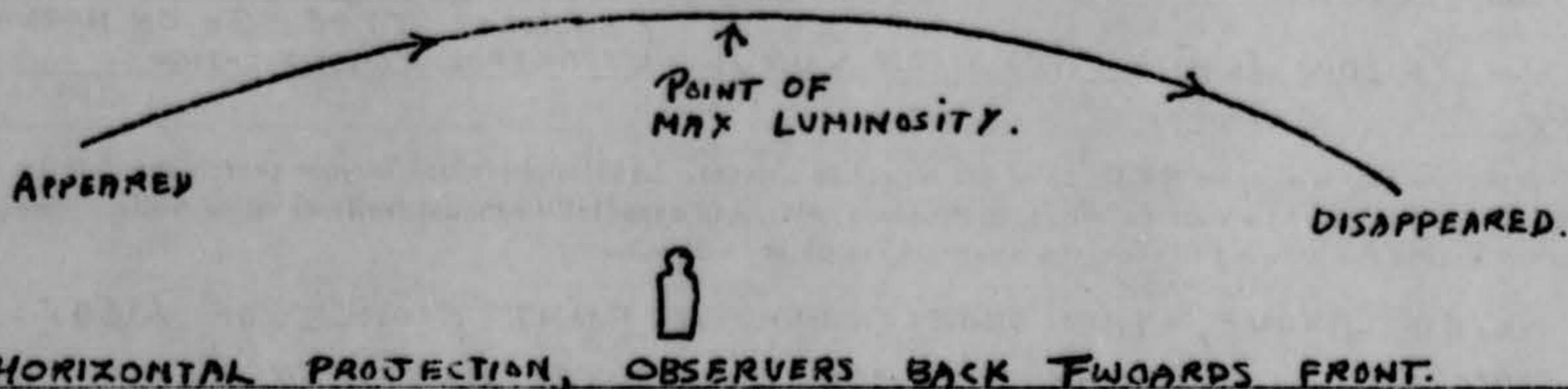
18. The edges of the object were:

- (Circle One):
- a. Fuzzy or blurred
  - b. Like a bright star
  - c. Sharply outlined
  - d. Don't remember

e. Other \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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



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

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

ROUGHLY A POINT SOURCE.

(Circle One):

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

- 22.1 (Circle One of the following to indicate how certain you are of your answer to Question 22.)

- |  |                  |
|--|------------------|
| <input checked="" type="checkbox"/> a. Certain | c. Not very sure |
| b. Fairly certain                              | d. Uncertain     |

23. How did the object or objects disappear from view? BRIGHTNESS FELL OFF AS A FUNCTION OF DISTANCE, UNTIL THE OBJECT BECAME TOO FAINT TO OBSERVE.

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

I CANNOT EXTRAPOLATE MUCH MORE, THAN THAT IT WAS A SOURCE OF LIGHT. TO AVOID CONFUSION ~~CONFUSION~~ I CAN POINT OUT, THAT IT MOST DEFINITELY WAS NOT A METEOR. WHAT IT WAS I DONT KNOW, AND I MUST REFUSE TO GUESS.



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  
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? DESERT.  
d. Flying 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?

I WAS PREPARING A CAMERA STATION FOR A MISSILE SHOOT, AND WAS LOOKING UP AT THE STARS TO SEE IF THEY WERE SUITABLE FOR A BALLISTIC CAMERA STAR CALIBRATION.

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

NOT MOVING.

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      |
| <input checked="" type="checkbox"/> b. Northeast | d. Southeast | f. Southwest | h. Northwest |

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

- |              |  |              |              |
|--------------|--|--------------|--------------|
| a. North     | c. East  | e. South     | g. West      |
| b. Northeast | <input checked="" type="checkbox"/> d. Southeast | f. Southwest | h. Northwest |

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

31.1 When it first appeared:

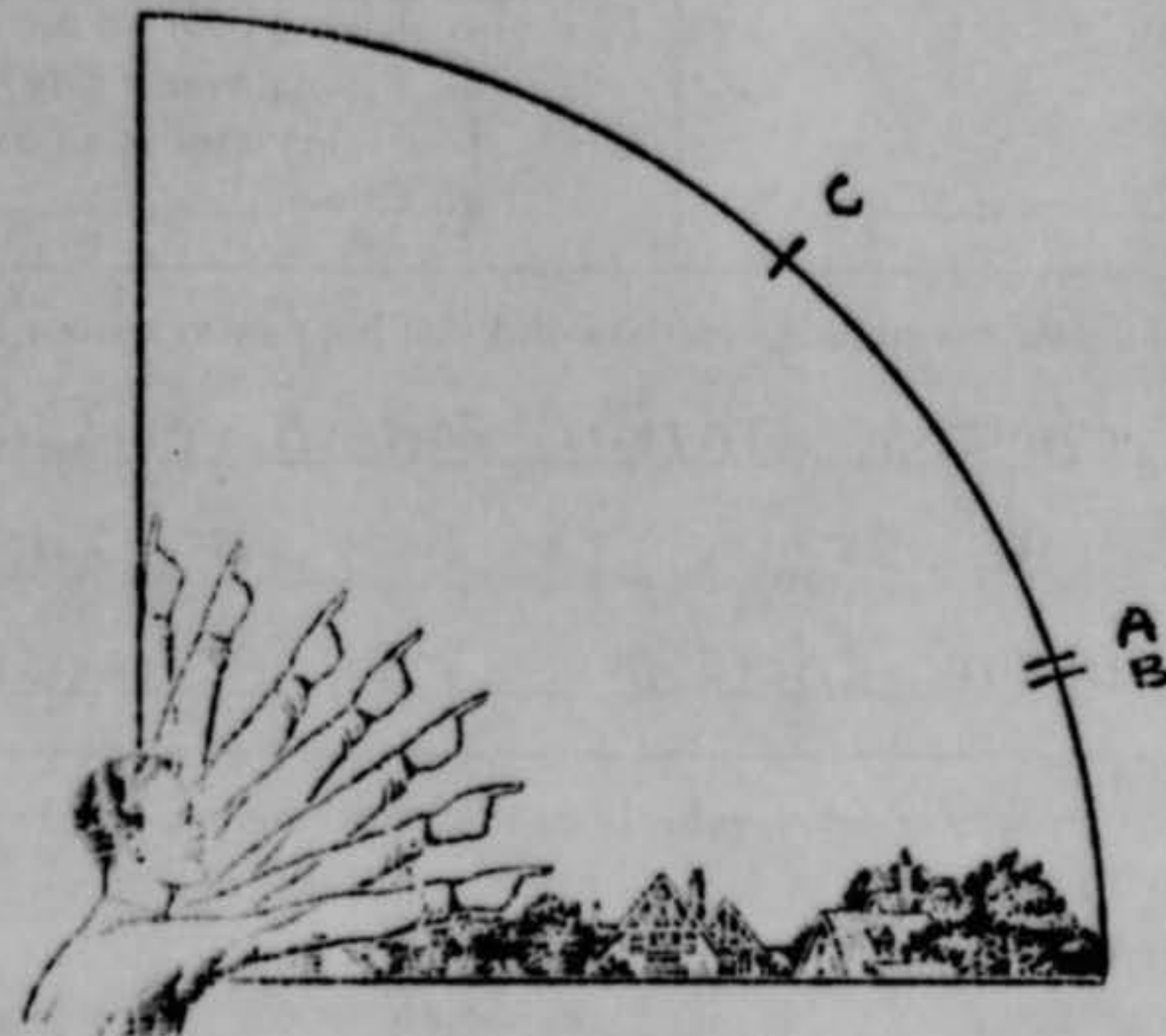
- a. From true North  $30^\circ - 45^\circ$  degrees.  
b. From horizon  $25^\circ \pm 5$  degrees.

31.2 When it disappeared:

- a. From true North  $150^\circ \pm 10$  degrees.  
b. From horizon  $25^\circ \pm 5$  degrees.

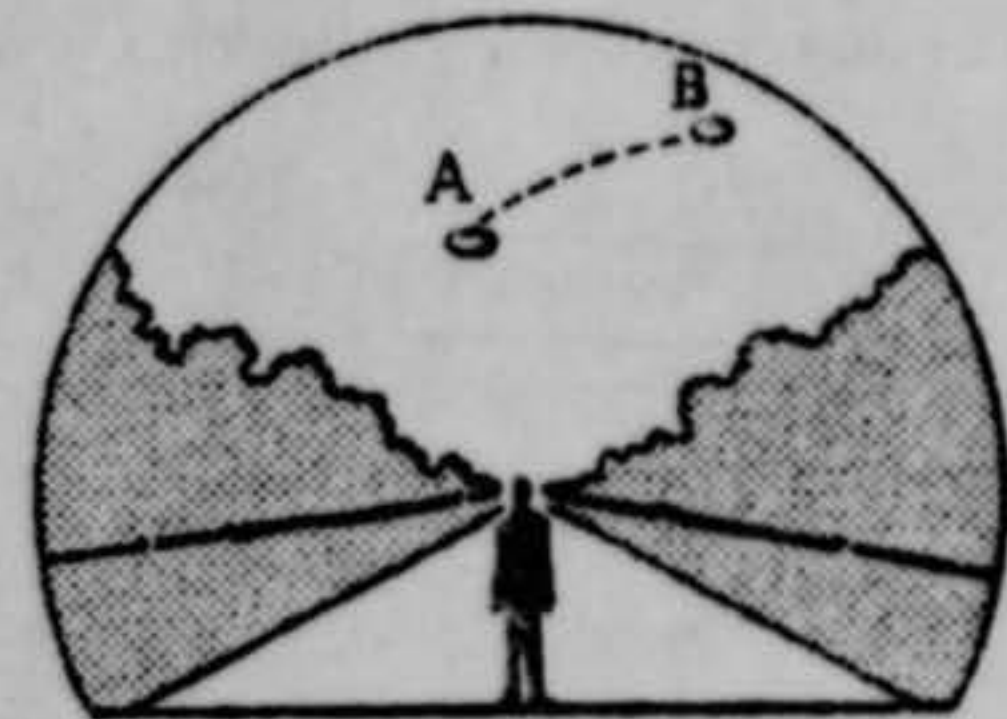
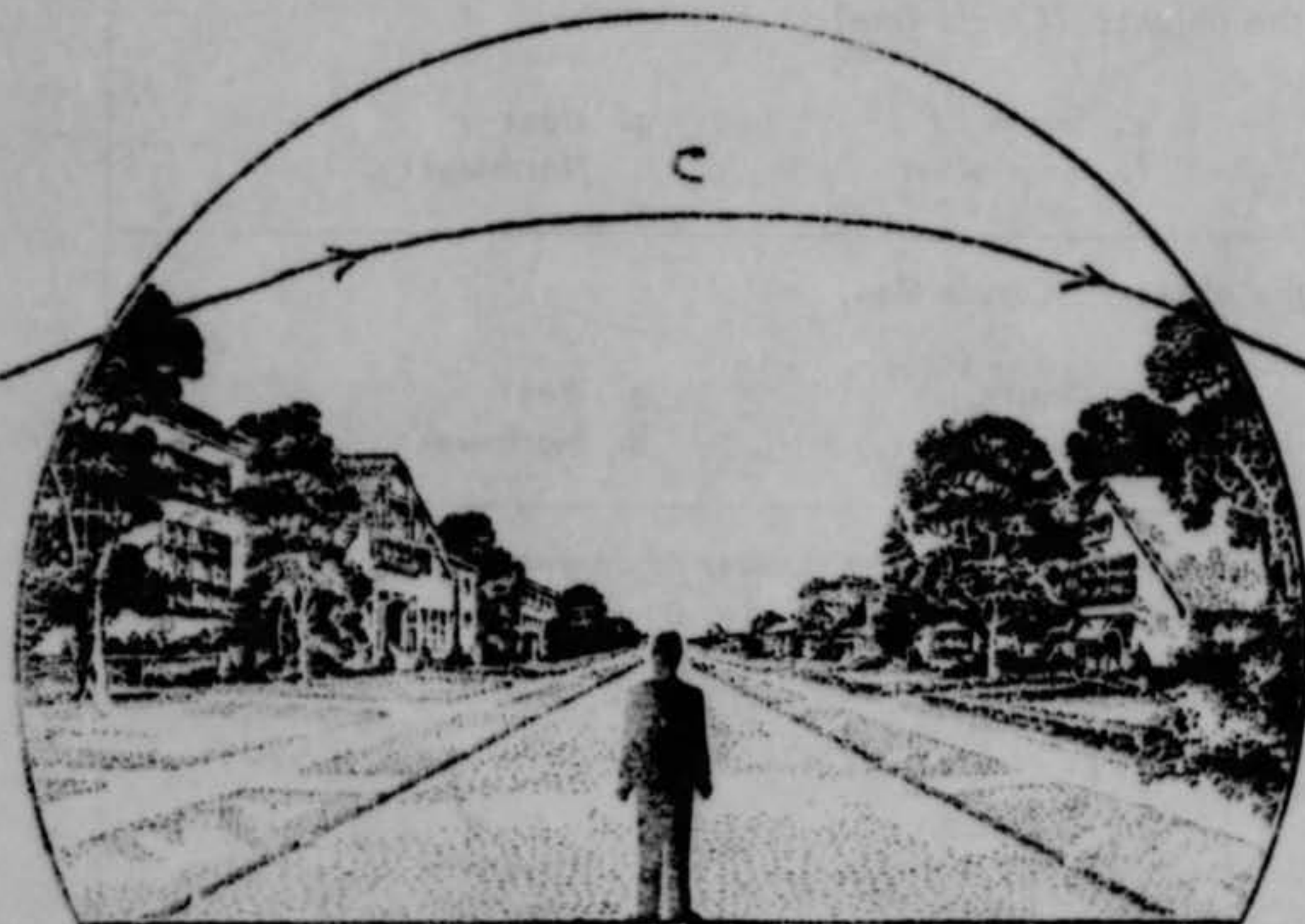
AT MAXIMUM ELEVATION AND LUMINOSITY, IT HAD AN AZ-IMUTH OF ABOUT  $90^\circ - 100^\circ$  AND AN ELEVATION OF  $50^\circ \pm 5$

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.



C = MAXIMUM  
ELEVATION.

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.



OBJECT SWEEPED OUT  
APPROXIMATELY 120° IN  
AZIMUTH.

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

34.1 CLOUDS (Circle One)

- a. Clear sky  
 b. Hazy  
 c. Scattered clouds  
 d. Thick or heavy clouds  
 e. Don't remember

34.2 WIND (Circle One)

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

34.3 WEATHER (Circle One)

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

34.4 TEMPERATURE (Circle One)

- a. Cold  
 b. Cool  
 c. Warm  
 d. Hot  
 e. Don't remember

35. When did you report to some official that you had seen the object?

27

Day

JAN.

Month

1954.

Year

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

(Circle One) Yes

No

HOWEVER, IT WAS ESTABLISHED THAT

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

(Circle One) Yes

No

ANOTHER STATION OPERATOR OBSERVED IT FROM OBOE ASKANIA,

17 MILES SOUTH EAST OF MY <sup>OBSERV.</sup> POSITION. HIS APPROXIMATE AZIMUTH <sup>ED</sup> ELEVATION WAS 300° SWEEP EAST FROM NORTH. (NNW) AND ABOUT 40° EL.

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?

NOV OF 1951 I OBSERVED TWO OBJECTS, ABOUT THREE HOURS APART ON THE SAME EVENING. THEY WERE FIREBALLS AND APPEARED AS GREEN AS A FLAME TEST ON COPPER. IT MUST HAVE COME FROM BRIGHT LINE SPECTRAL EMISSION. THEY MAY HAVE BEEN METEORS OF AN EXTREMELY UNUSUAL TYPE, THOUGH I DOUBT IT.

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

NO COMMENT.