

PROJECT 10073 RECORD CARD

1. DATE 8 June 1963		2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other Satellite ECHO I ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 09/0100Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 10-15 min		8. NUMBER OF OBJECTS one		9. COURSE NE	
10. BRIEF SUMMARY OF SIGHTING Object appearing like a star in slight that included fading in and out. Brightness of about the largest star. Object appeared to be too high for a/c. Speed uniform. Like sputnik.				11. COMMENTS Satellite ECHO appeared over Dayton at 2147 Local time S of City at 38 deg elevation heading NE in position to be observed by witness. Case evaluated as confirmed ECHO observation.	

DAYTON, OHIO.

AT 09.44 PM	JUNE.04	SOUTH OF CITY,	08 DEGREES ABOVE HORIZON	MOVING NE
AT 11.52 PM	JUNE.04	SOUTH OF CITY,	74 DEGREES ABOVE HORIZON	MOVING NE
AT 01.55 AM	JUNE.05	NORTH OF CITY,	62 DEGREES ABOVE HORIZON	MOVING NE
AT 03.59 AM	JUNE.05	NORTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING SE
AT 10.50 PM	JUNE.05	SOUTH OF CITY,	46 DEGREES ABOVE HORIZON	MOVING NE
AT 00.55 AM	JUNE.06	NORTH OF CITY,	70 DEGREES ABOVE HORIZON	MOVING NE
AT 02.57 AM	JUNE.06	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 09.46 PM	JUNE.06	SOUTH OF CITY,	21 DEGREES ABOVE HORIZON	MOVING NE
AT 11.53 PM	JUNE.06	NORTH OF CITY,	87 DEGREES ABOVE HORIZON	MOVING NE
AT 01.56 AM	JUNE.07	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING NE
AT 03.58 AM	JUNE.07	NORTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING SE
AT 09.42 PM	JUNE.07	SOUTH OF CITY,	03 DEGREES ABOVE HORIZON	MOVING NE
AT 10.50 PM	JUNE.07	SOUTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING NE
AT 00.54 AM	JUNE.08	NORTH OF CITY,	63 DEGREES ABOVE HORIZON	MOVING NE
AT 02.57 AM	JUNE.08	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING SE
AT 09.47 PM	JUNE.08	SOUTH OF CITY,	38 DEGREES ABOVE HORIZON	MOVING NE
AT 11.52 PM	JUNE.08	NORTH OF CITY,	73 DEGREES ABOVE HORIZON	MOVING NE
AT 01.55 AM	JUNE.09	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 03.58 AM	JUNE.09	NORTH OF CITY,	77 DEGREES ABOVE HORIZON	MOVING SE
AT 08.43 PM	JUNE.09	SOUTH OF CITY,	15 DEGREES ABOVE HORIZON	MOVING NE
AT 10.50 PM	JUNE.09	SOUTH OF CITY,	87 DEGREES ABOVE HORIZON	MOVING NE
AT 00.53 AM	JUNE.10	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING NE
AT 02.56 AM	JUNE.10	NORTH OF CITY,	65 DEGREES ABOVE HORIZON	MOVING SE
1. DENVER, COLO. MST				
AT 10.47 PM	JUNE.03	SOUTH OF CITY,	48 DEGREES ABOVE HORIZON	MOVING NE
AT 09.52 AM	JUNE.04	NORTH OF CITY,	70 DEGREES ABOVE HORIZON	MOVING NE
AT 02.55 AM	JUNE.04	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 09.44 PM	JUNE.04	SOUTH OF CITY,	23 DEGREES ABOVE HORIZON	MOVING NE
AT 11.50 PM	JUNE.04	NORTH OF CITY,	85 DEGREES ABOVE HORIZON	MOVING NE
AT 01.53 AM	JUNE.05	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING NE
AT 08.40 PM	JUNE.05	SOUTH OF CITY,	04 DEGREES ABOVE HORIZON	MOVING NE
AT 10.48 PM	JUNE.05	SOUTH OF CITY,	69 DEGREES ABOVE HORIZON	MOVING NE
AT 00.52 AM	JUNE.06	NORTH OF CITY,	63 DEGREES ABOVE HORIZON	MOVING NE
AT 02.55 AM	JUNE.06	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING SE
AT 09.45 PM	JUNE.06	SOUTH OF CITY,	40 DEGREES ABOVE HORIZON	MOVING NE
AT 11.50 PM	JUNE.06	NORTH OF CITY,	73 DEGREES ABOVE HORIZON	MOVING NE
AT 01.53 AM	JUNE.07	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING SE
AT 08.51 PM	JUNE.07	SOUTH OF CITY,	17 DEGREES ABOVE HORIZON	MOVING NE
AT 10.48 PM	JUNE.07	SOUTH OF CITY,	88 DEGREES ABOVE HORIZON	MOVING NE
AT 00.51 AM	JUNE.08	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING NE
AT 02.54 AM	JUNE.08	NORTH OF CITY,	65 DEGREES ABOVE HORIZON	MOVING SE
AT 07.17 PM	JUNE.08	SOUTH OF CITY,	00 DEGREES ABOVE HORIZON	MOVING NE
AT 09.46 PM	JUNE.08	SOUTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING NE
AT 11.50 PM	JUNE.08	NORTH OF CITY,	64 DEGREES ABOVE HORIZON	MOVING NE
AT 01.52 AM	JUNE.09	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING SE
AT 03.56 AM	JUNE.09	SOUTH OF CITY,	88 DEGREES ABOVE HORIZON	MOVING SE

PROJECT 10073 RECORD CARD

1. DATE 13 June 1963		2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other Satellite ECHO I ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 13/0900Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 15 min		8. NUMBER OF OBJECTS one		9. COURSE SE	
10. BRIEF SUMMARY OF SIGHTING Object about brightness of morning star observed to flash or flicker and stand still as it appeared to pass overhead. Looked like a bright star slowly moving across sky. Observed in NE disappearing in SE.				11. COMMENTS ECHO I visible in Dayton at 0857Z at 71 deg elevation S of city in SE flight.	

13/0900Z
Echo 357AM South of city 71° Elev → SE

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?

13 June 1963
Day Month Year

2. Time of day: 04 00
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?

UNION TERMINAL
Nearest Postal Address

DAYTON
City or Town

OHIO
State or Country

Additional remarks: _____

5. How long was object in sight?

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
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

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. 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, about like morning star

11. Did the object:

(Circle One for each question)

- | | | | |
|---|--|-------------------------------------|------------|
| a. Appear to stand still at any time? | ☒ Yes ^{overhead} | ☐ 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 |

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 _____

b. Color _____

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 _____

19. 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.

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

Like morning star

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?

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

No

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.

*Bright star slowly moving
across star.*

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?

Flagging Railroad switch engine

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 _____ degrees.

31.2 When it disappeared:

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

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?

13
Day

June
Month

1963
Year

Dty Officer
FTD

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:

~~_____~~
~~_____~~

Dayton, Ohio 277-5744

~~_____~~
~~_____~~

Day to 5

51

223-2669

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

(Circle One) Yes ☒ No

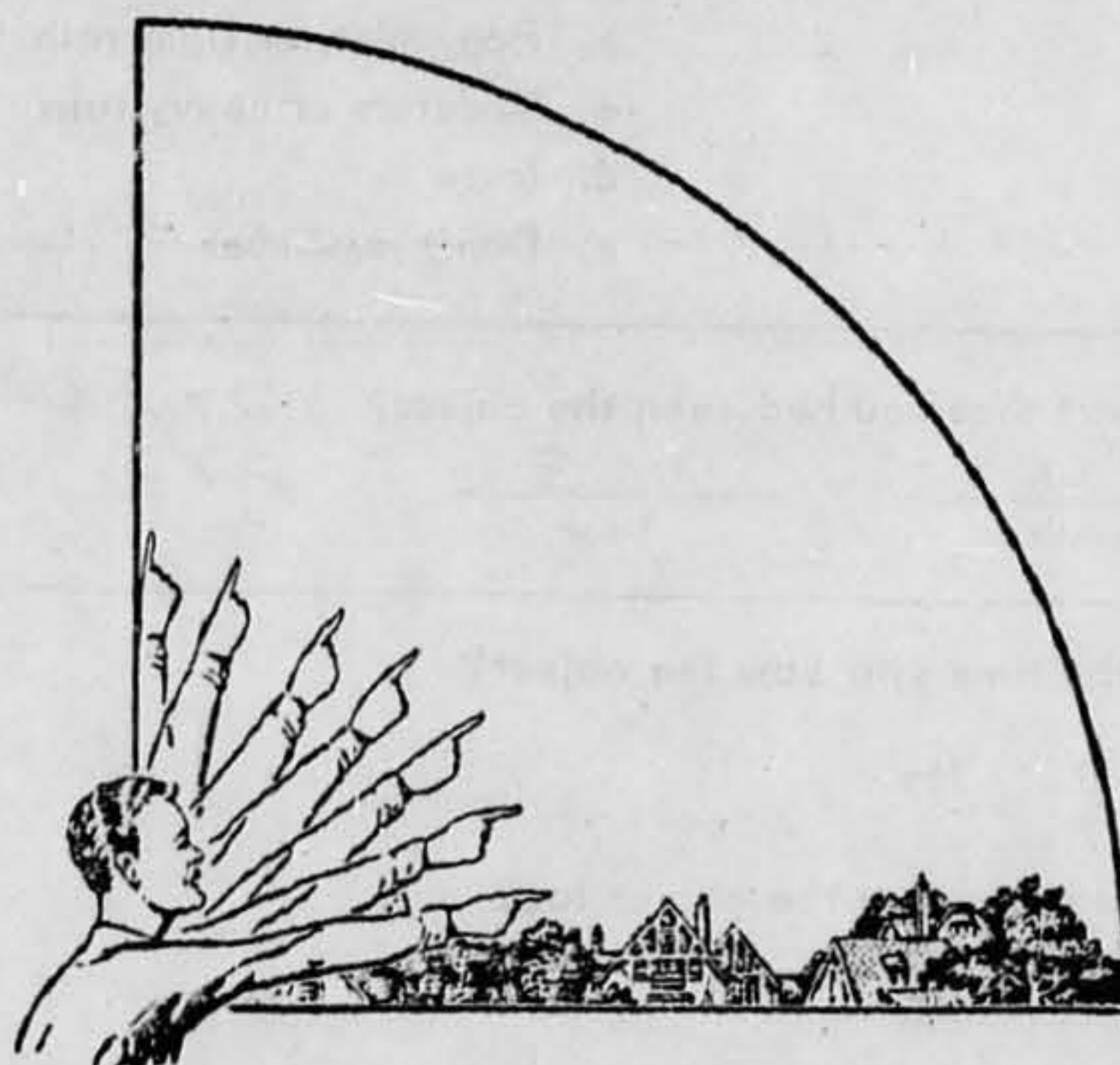
37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

Saw a similar object some years ago
which was a balloon put up in space.
and came overhead each morning

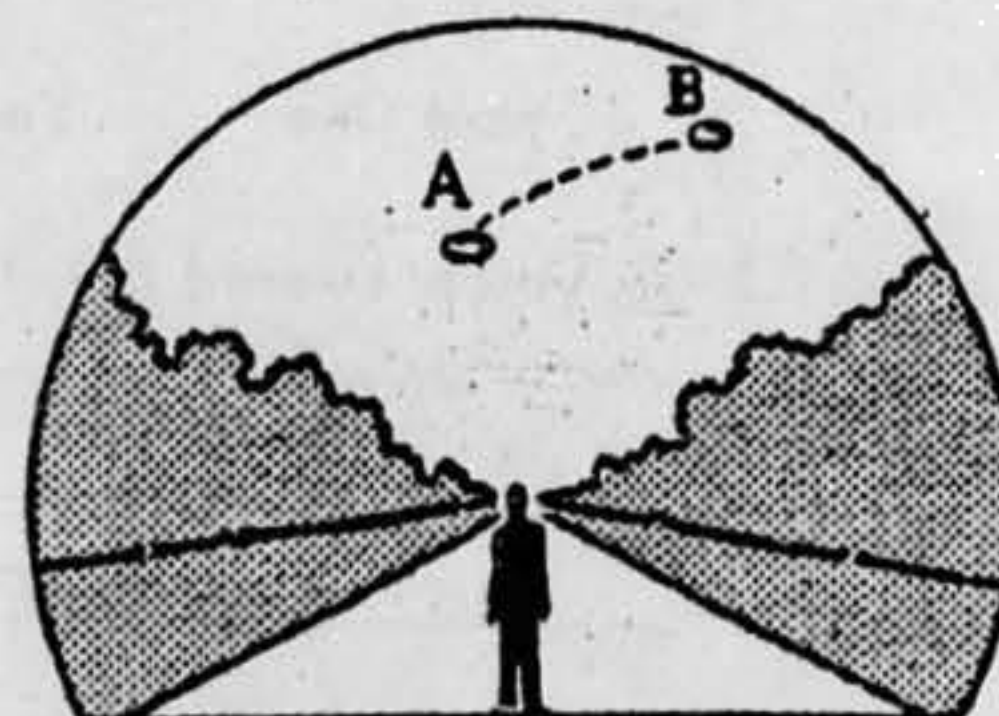
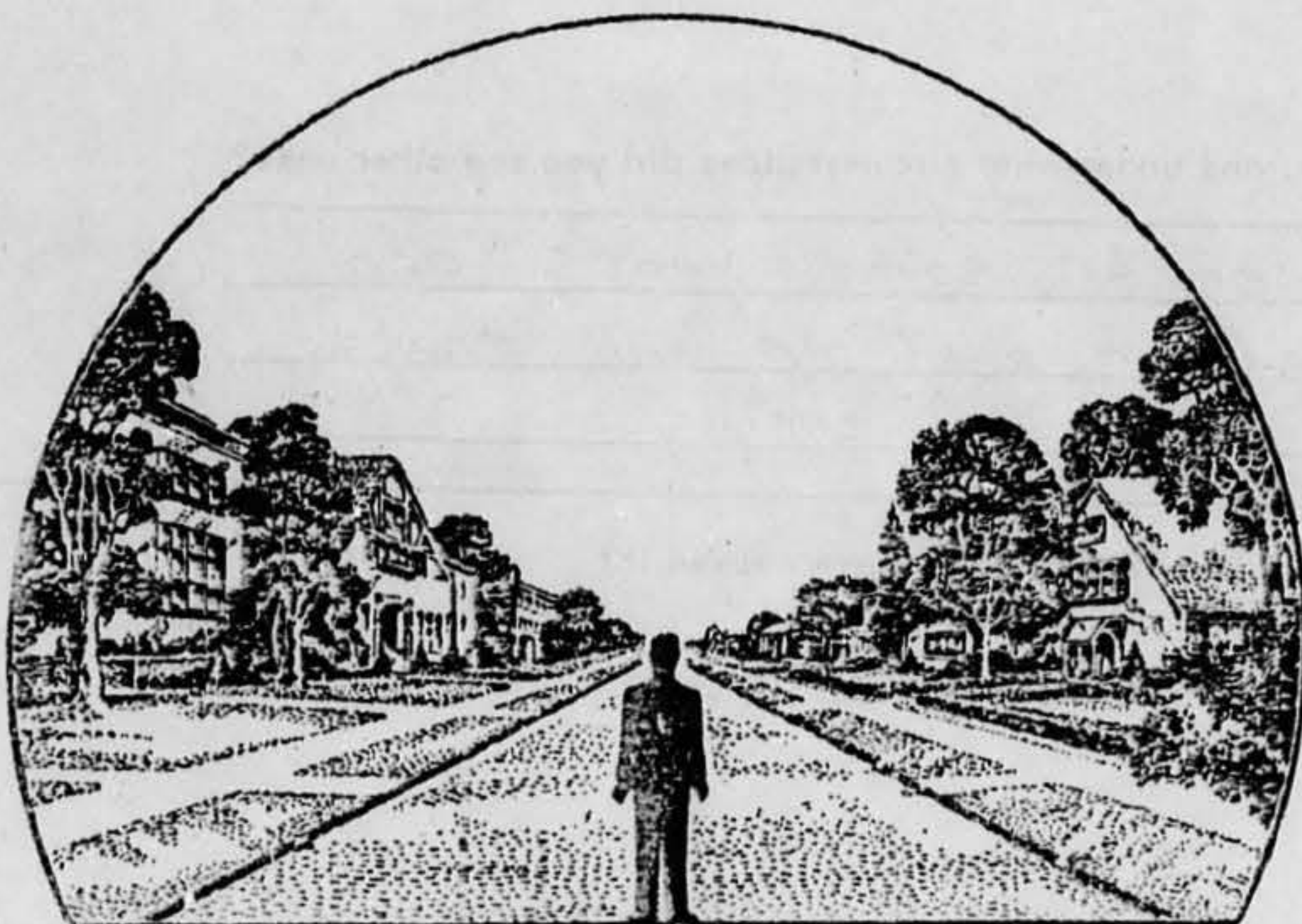
38. In your opinion what do you think the object was and what might have caused it?

Don't know

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.



39. 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? _____

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

Dayton
City

Zone

OHIO
State

TELEPHONE NUMBER

Age _____

Sex _____

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

42. Date you completed this questionnaire:

13

Day

June

Month

1963

Year

8. 9/0100Z
Echo 947 PM South of city 38° elevation. NE

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 Day June Month 1963 Year

2. Time of day: 1000 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?

Beaver Creek - [REDACTED] Dayton Ohio
Nearest Postal Address City or Town State or Country

Additional remarks: _____

5. How long was object in sight?

 Hours 10-15 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
a. Bright
b. Cloudy

NIGHT
a. Bright Clear
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

U.S. AIR FORCE TECHNICAL INFORMATION SHEET
(SUMMARY DATA)

In order that your information may be filed and coded as accurately as possible, please use the following space to write out a short description of the event that you observed. You may repeat information that you have already given in the questionnaire, and add any further comments, statements, or sketches that you believe are important. Try to present the details of the observation in the order in which they occurred. Additional pages of the same size paper may be attached if they are needed.

NAME [REDACTED]
(Please Print)

(Do Not Write in This Space)

CODE:

SIGNATURE _____

DATE _____

Looked up in in the sky to the Northwest
about 0400 in the morning and saw what
looked like a bright star moving across the
sky - It wasn't an airplane. It moved
overhead and disappeared to the South east.
Not too sure of directions.

AT 01.53 AM	JUNE.13	NORTH OF CITY,	64 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.13	SOUTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.13	SOUTH OF CITY,	52 DEGREES ABOVE HORIZON	MOVING NE
AT 10.49 PM	JUNE.13	NORTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING NE
AT 00.51 AM	JUNE.14	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING SE
AT 02.54 AM	JUNE.14	NORTH OF CITY,	88 DEGREES ABOVE HORIZON	MOVING SE
AT 05.01 AM	JUNE.14	SOUTH OF CITY,	24 DEGREES ABOVE HORIZON	MOVING SE
AT 09.46 PM	JUNE.14	NORTH OF CITY,	81 DEGREES ABOVE HORIZON	MOVING NE
AT 11.49 PM	JUNE.14	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING NE
AT 01.52 AM	JUNE.15	NORTH OF CITY,	71 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.15	SOUTH OF CITY,	48 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.15	SOUTH OF CITY,	73 DEGREES ABOVE HORIZON	MOVING NE
AT 10.47 PM	JUNE.15	NORTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING NE
AT 00.49 AM	JUNE.16	NORTH OF CITY,	62 DEGREES ABOVE HORIZON	MOVING SE
AT 02.53 AM	JUNE.16	SOUTH OF CITY,	75 DEGREES ABOVE HORIZON	MOVING SE
AT 05.02 AM	JUNE.16	SOUTH OF CITY,	11 DEGREES ABOVE HORIZON	MOVING SE
AT 09.45 PM	JUNE.16	NORTH OF CITY,	69 DEGREES ABOVE HORIZON	MOVING NE
AT 11.47 PM	JUNE.16	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 01.50 AM	JUNE.17	NORTH OF CITY,	82 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.17	SOUTH OF CITY,	31 DEGREES ABOVE HORIZON	MOVING SE

1 DAYTON, OHIO

EST

AT 09.47 PM	JUNE.10	SOUTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING NE
AT 11.52 PM	JUNE.10	NORTH OF CITY,	65 DEGREES ABOVE HORIZON	MOVING NE
AT 01.54 AM	JUNE.11	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.11	SOUTH OF CITY,	89 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.11	SOUTH OF CITY,	30 DEGREES ABOVE HORIZON	MOVING NE
AT 10.49 PM	JUNE.11	NORTH OF CITY,	77 DEGREES ABOVE HORIZON	MOVING NE
AT 00.52 AM	JUNE.12	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 02.55 AM	JUNE.12	NORTH OF CITY,	73 DEGREES ABOVE HORIZON	MOVING SE
AT 05.01 AM	JUNE.12	SOUTH OF CITY,	44 DEGREES ABOVE HORIZON	MOVING SE
AT 07.40 PM	JUNE.12	SOUTH OF CITY,	89 DEGREES ABOVE HORIZON	MOVING NE
AT 09.47 PM	JUNE.12	SOUTH OF CITY,	80 DEGREES ABOVE HORIZON	MOVING NE
AT 11.50 PM	JUNE.12	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING NE
AT 01.53 AM	JUNE.13	NORTH OF CITY,	63 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.13	SOUTH OF CITY,	71 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.13	SOUTH OF CITY,	50 DEGREES ABOVE HORIZON	MOVING NE
AT 10.48 PM	JUNE.13	NORTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING NE
AT 00.51 AM	JUNE.14	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 02.54 AM	JUNE.14	NORTH OF CITY,	85 DEGREES ABOVE HORIZON	MOVING SE
AT 05.01 AM	JUNE.14	SOUTH OF CITY,	27 DEGREES ABOVE HORIZON	MOVING SE
AT 09.46 PM	JUNE.14	NORTH OF CITY,	82 DEGREES ABOVE HORIZON	MOVING NE
AT 11.49 PM	JUNE.14	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 01.51 AM	JUNE.15	NORTH OF CITY,	68 DEGREES ABOVE HORIZON	MOVING SE
AT 03.56 AM	JUNE.15	SOUTH OF CITY,	52 DEGREES ABOVE HORIZON	MOVING SE
AT 08.43 PM	JUNE.15	SOUTH OF CITY,	71 DEGREES ABOVE HORIZON	MOVING NE
AT 10.47 PM	JUNE.15	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING NE

PROJECT 10073 RECORD CARD

1. DATE 13 June 1963	2. LOCATION Dayton, Ohio	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other _____ ☒ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local _____ GMT 14/0200Z	4. TYPE OF OBSERVATION X Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	6. SOURCE civilian	
7. LENGTH OF OBSERVATION 20-25 minutes	8. NUMBER OF OBJECTS four	9. COURSE SW
10. BRIEF SUMMARY OF SIGHTING Four objects, some extremely bright with erratic movement from NE passing overhead to SW. Objects strung out, no particular pattern. Brightness changed and objects disappeared and reappeared. Obscured by clouds. Looked somewhat like stars. Observed only as white lights, no shape or form. Flight from horizon to horizon in 20-25 min. Slightly larger than stars. Initial impression of WX balloons. Witness 15 yr old youth.		11. COMMENTS Not refueling opr. None in area. No pattern apparent for a/c sighting. Possibility exists that objects were weather balloons, however, no wavering in flight reported. A/C most logical explanation, however, there is insufficient data for firm analysis.

202 17 17/0200 E
Sgt. ROYER - No 7 T-28S seen -
WNSP 72201 - 20 INFO.

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?

13 JUNE 1963
Day Month Year

2. Time of day:

9 00-05
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] AVE DAYTON OHIO
Nearest Postal Address City or Town State or Country

Additional remarks: _____

5. How long was object in sight?

0 20-25 _____
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
a. Bright
b. Cloudy

NIGHT
a. Bright
b. Cloudy SCATTERED

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
 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?

SOME WERE EXTREMELY BRIGHT

11. Did the object:

(Circle One for each question)

- | | | | |
|---|------------|-----------|------------|
| a. Appear to stand still at any time? | Yes | <u>No</u> | Don't Know |
| b. Suddenly speed up and rush away at any time? | <u>Yes</u> | No | Don't Know |
| c. Break up into parts or explode? | Yes | <u>No</u> | Don't Know |
| d. Give off smoke? | Yes | <u>No</u> | Don't Know |
| e. Change brightness? | <u>Yes</u> | No | Don't Know |
| f. Change shape? | Yes | <u>No</u> | Don't Know |
| g. Flash or flicker? | Yes | <u>No</u> | Don't Know |
| h. Disappear and reappear? | <u>Yes</u> | No | Don't Know |

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

(Circle One): Yes No Don't Know.
 it moved behind: CLOUDS

IF you answered YES, then tell what

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

(Circle One): Yes No Don't Know
 in front of: _____

IF you answered YES, then tell what

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 | <u>No</u> | e. Binoculars | Yes | <u>No</u> |
| 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 _____ | | |

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

a. Sound NONE

SOMEWHAT

b. Color LOOKED LIKE STARS, WHITE LIGHTS

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.

round as stars at a distance would be

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? 4

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

pattern changed - no particular order

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?

got tired - layed down on ground and
notice objects

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 |
| <u>b. Northeast</u> | d. Southeast | f. Southwest | h. Northwest |
| | | | <u>i. Overhead</u> |

stung out

to

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 | <u>f. Southwest</u> | 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 30-35 degrees.
- b. From horizon 20 to 45 degrees. (stung out)

31.2 When it disappeared:

- a. From true North 225 degrees.
- b. From horizon 0-10 degrees.

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.

from northeast to southwest - horizon
to horizon is relatively straight line

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

Somewhat larger than ordinary stars

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?

some would have been completely covered, others would have shown around the edges

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

only when passing behind clouds

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.

—

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?

13 JUNE 1963
Day Month Year

CAPT ~~SMITH~~ SMITH, FTD
9:10 PM

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:

[REDACTED]

DAYTON, OHIO

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

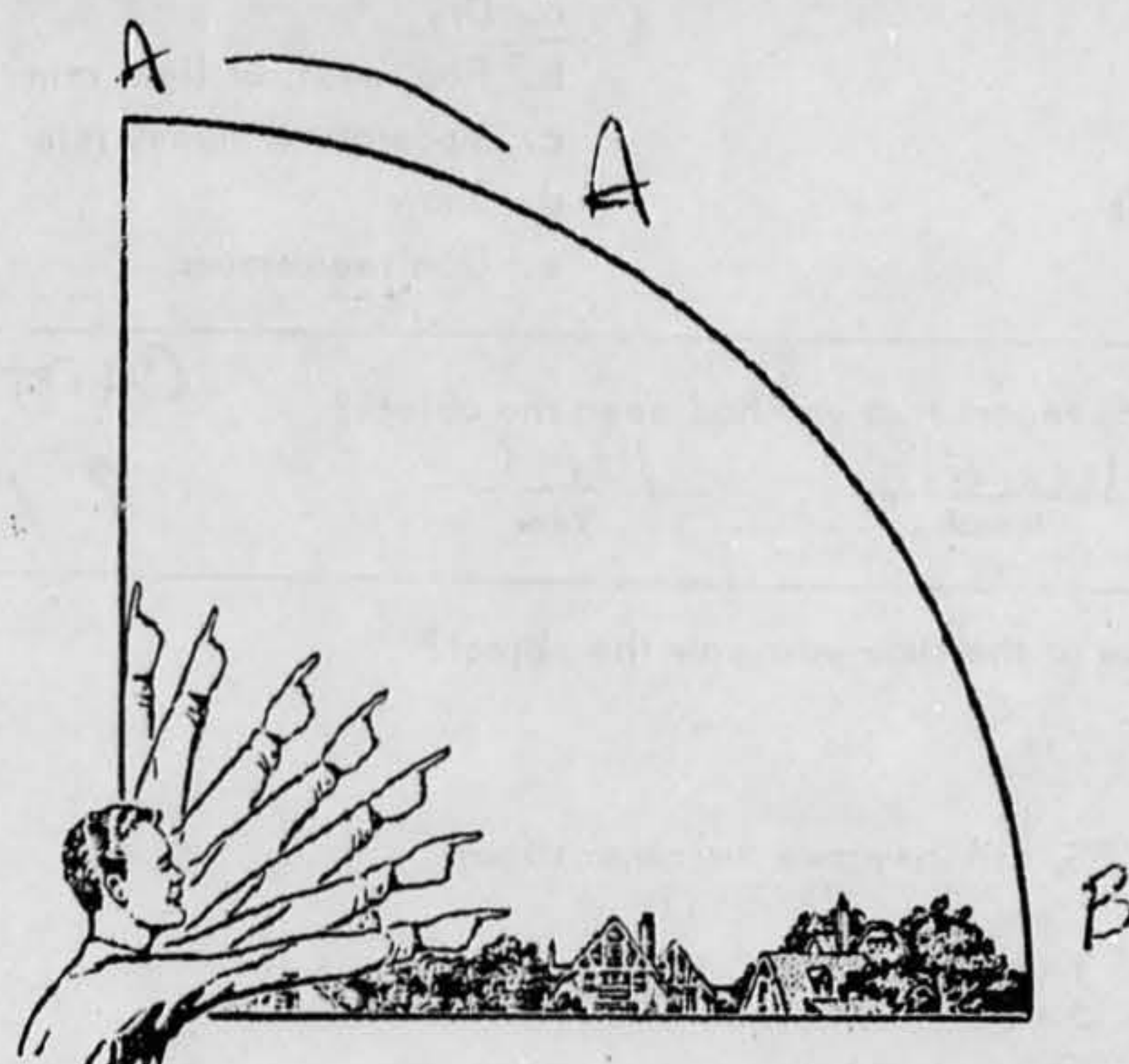
(Circle One) Yes No

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

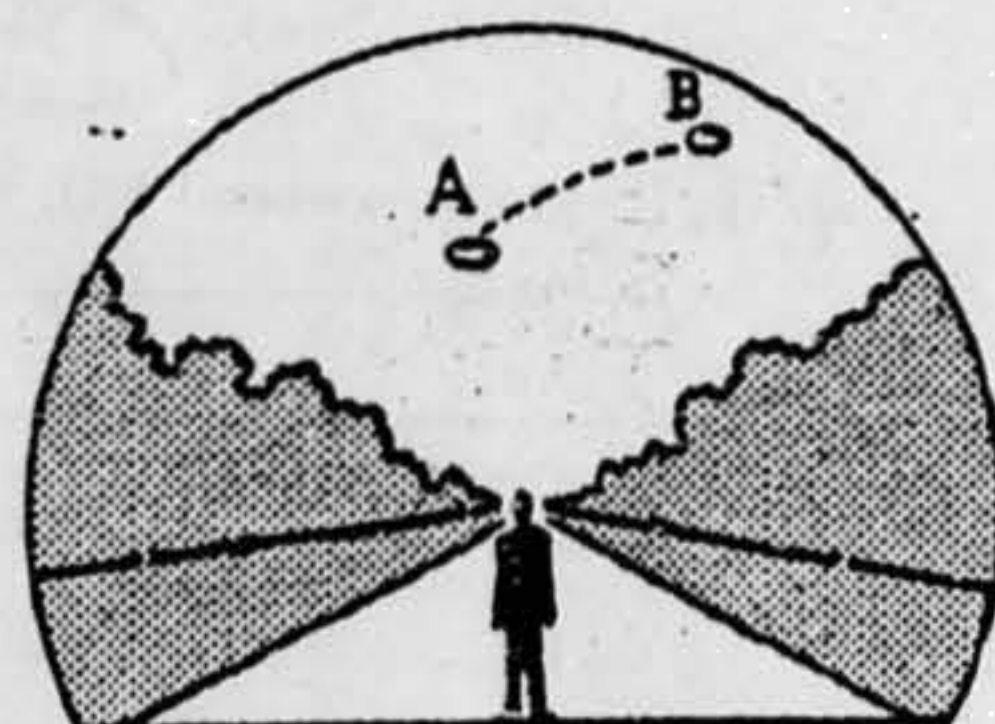
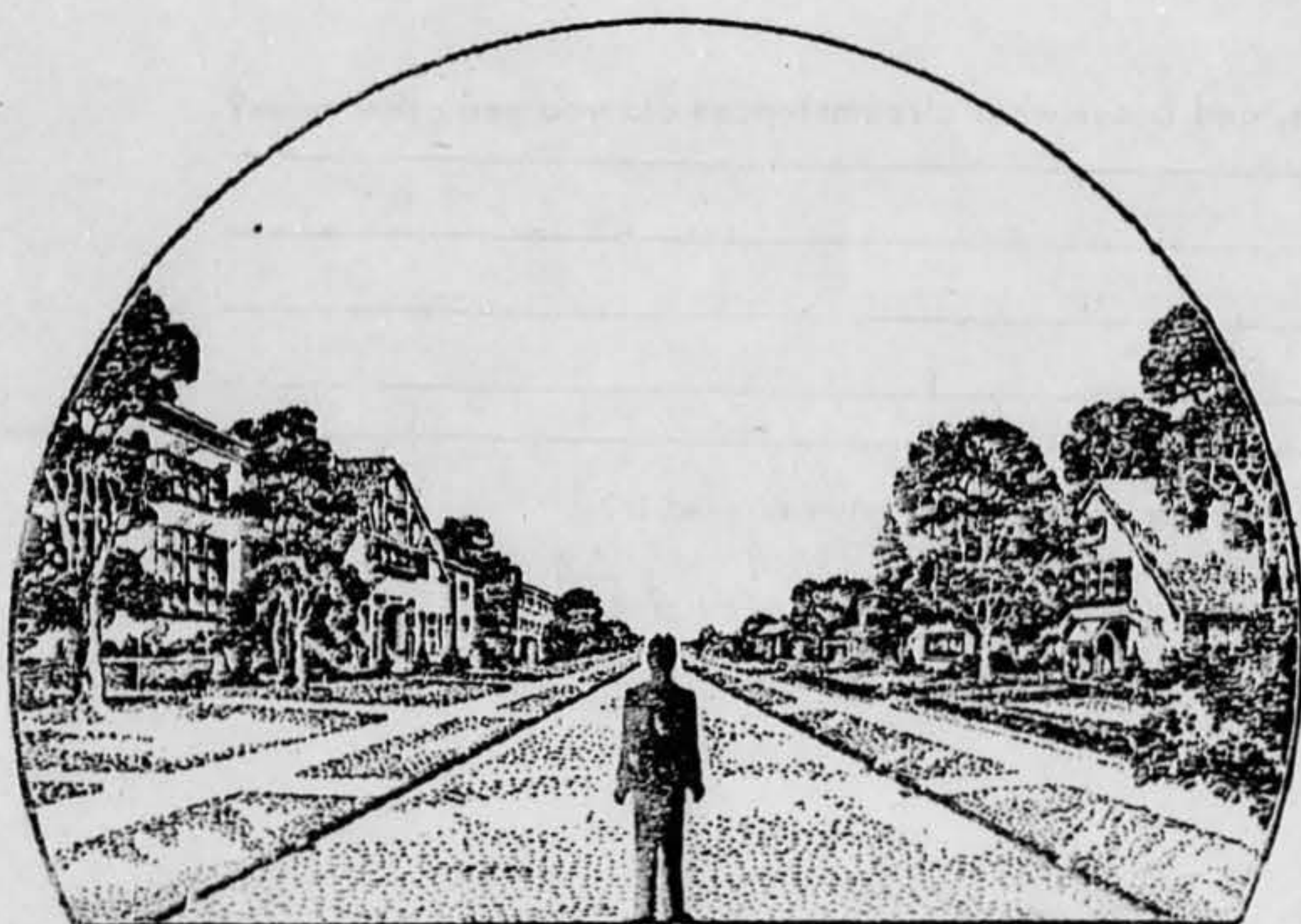
38. In your opinion what do you think the object was and what might have caused it?

at first thought they were weather balloons

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.



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. The object appeared:

(Circle One):

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

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

brighter than brightest star, but faded in and out

11. Did the object:

(Circle One for each question)

- | | | | |
|---|---------------------------|-----------|------------|
| a. Appear to stand still at any time? | Yes | <u>No</u> | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes | <u>No</u> | Don't Know |
| c. Break up into parts or explode? | Yes | <u>No</u> | Don't Know |
| d. Give off smoke? | Yes | <u>No</u> | Don't Know |
| e. Change brightness? | <u>Yes</u> | No | Don't Know |
| f. Change shape? | Yes | No | Don't Know |
| g. Flash or flicker? | Yes | <u>No</u> | Don't Know |
| h. Disappear and reappear? | <i>bright and dim</i> Yes | No | Don't Know |

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):

- light or star*
a. Solid b. Transparent c. Vapor d. Don't Know

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

- | | | | | | |
|-----------------|-----|-----------|----------------|-----|-----------|
| a. Eyeglasses | Yes | <u>No</u> | e. Binoculars | Yes | <u>No</u> |
| 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 _____ | | |

39. 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? _____

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

NORTH AVE

City

DAYTON

Zone

6

State

OHIO

TELEPHONE NUMBER

Age

15

Sex

MALE

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

June, 1963, Case 11: Yes. Especially since it occurred in Dayton, a little more digging on this one would have been apropos, and relatively easy. Since time of signing was 9 p.m. or 10 p.m. if daylight saving was used, that probably corresponds to the time of launching of weather balloons.

Otherwise, in the first part of June, 1963, the committee is in remarkably good agreement. The agreement is generally too good. I wish we could have fights instead.

No meeting this week since I was in New Mexico and the father of one of the committee members died--Nancy Van Etten's father. But we will get back on the ball this week and try to finish up this year fairly soon. Then next month we should like to come visit the Great Establishment in Dayton.

Cordially,

Allen

J. Allen Hynek
Director

JAH:llg

PROJECT 10073 RECORD CARD

1. DATE 16 June 1963	2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other <u>Satellite ECHO I</u> ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local _____ GMT <u>17/0245Z</u>	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		
5. PHOTOS ☐ Yes ☒ No	6. SOURCE civilian		
7. LENGTH OF OBSERVATION 3-5 min	8. NUMBER OF OBJECTS one	9. COURSE NE	
10. BRIEF SUMMARY OF SIGHTING Object observed as a round light in flight to NE. WX; Haze. Observed overhead to ENE. Size compared to Transport at 4,000 ft. Maintained same altitude. Thought possibly a plane with a bright light. Note: Additional sighting with essentially the same information also reported.			11. COMMENTS At 945PM ECHO was North of Dayton heading NE. 70 deg elevation in position to be observed by witness. Case Evaluated as a ECHO I.

MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE TDE (UFO)	INITIALS		CIRCULATE
ORGANIZATION AND LOCATION	DATE		COORDINATION
2			FILE
			INFORMATION
3			NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE
REMARKS UFO REPORTED 235 JUN 63 ON 2 JULY SAW SIMILAR OBJECT MOVING SLOWER. WENT OUT OF VIEW. PLEASE CALL Him IF OBJECT IS KNOWN.			
FROM NAME OR TITLE TDX		DATE	
ORGANIZATION AND LOCATION		TELEPHONE	

DD FORM 95
1 FEB 50

Replaces DA AGO Form 895, 1 Apr 48, and AFHQ
Form 12, 10 Nov 47, which may be used.

GPO

16 17/02452
Est 945 PM Ncity 70° elevation NE

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?

16 JUN 1963
Day Month Year

2. Time of day: 10 05
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?

DAYTON
City or Town

OHIO
State or Country

Additional remarks:

5. How long was object in sight?

Hours

3-5
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

a. Bright
b. Cloudy

NIGHT

a. Bright Hazy
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
- 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

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 |

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: HAZE

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 NO

b. Color BLUE - WHITE

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.

ROUND LIGHT

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? _____

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

ONE

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.

OVER HEAD TO ENE

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

TRANSPORT AT ABOUT 4000'

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?

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

BY CLOUD COVER OR HAZE

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.

SEE 21

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 OUTSIDE

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 ALMOST |

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).

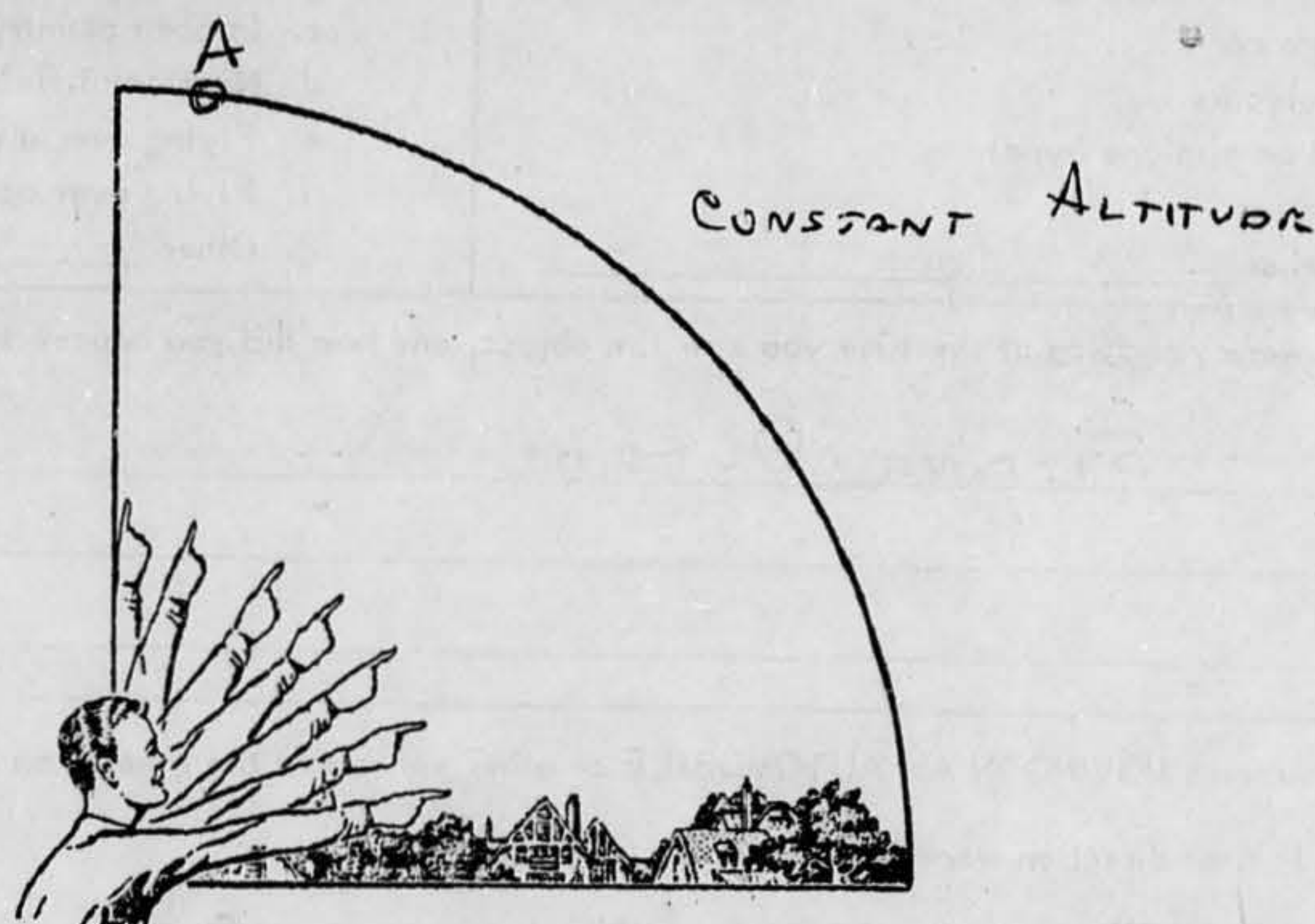
31.1 When it first appeared:

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

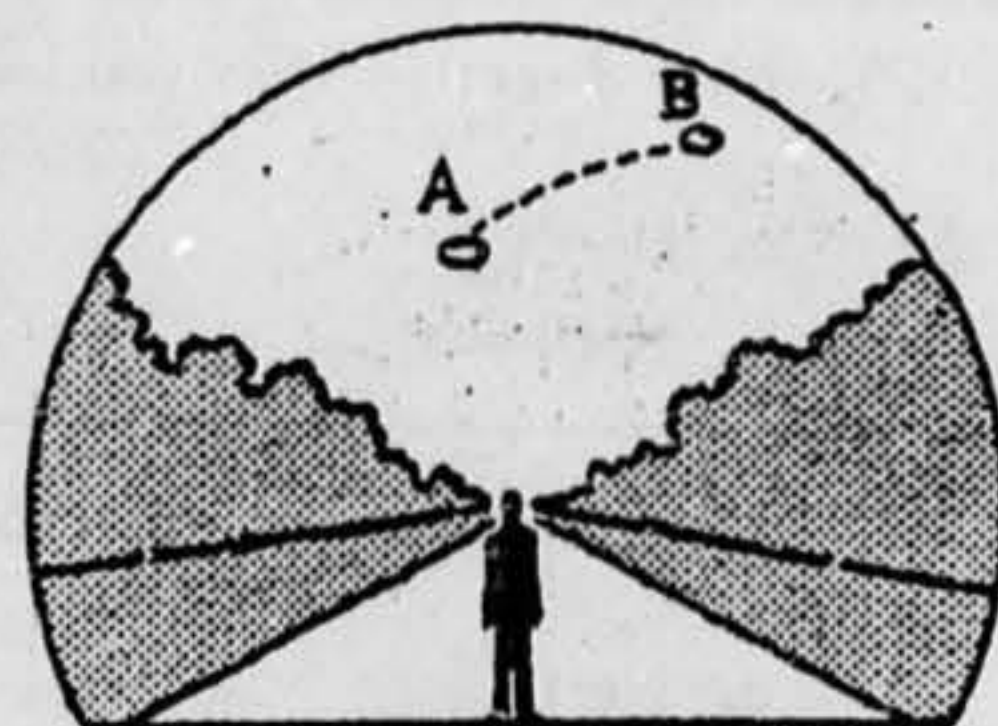
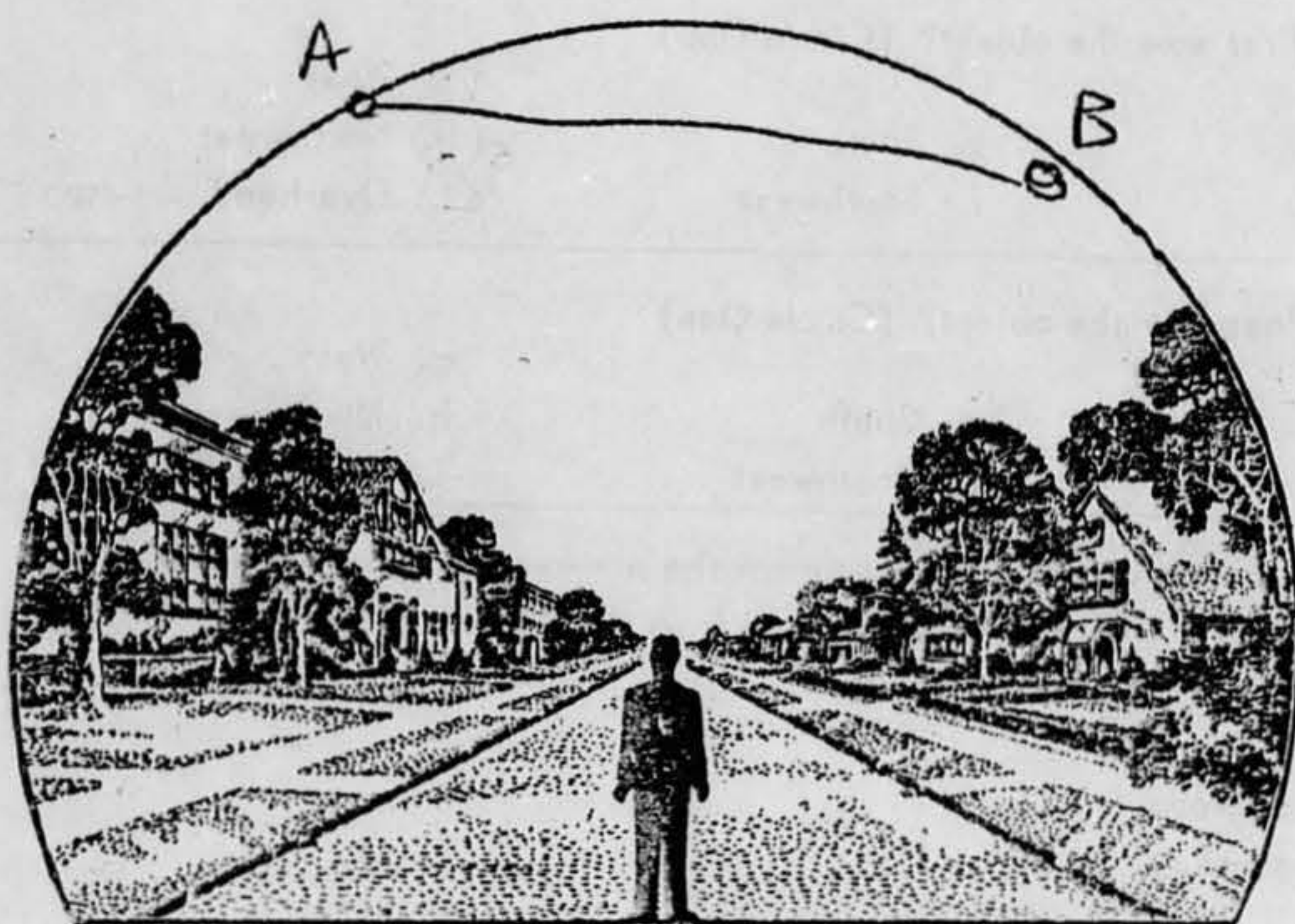
31.2 When it disappeared:

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



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

(Circle One)

Yes

No

150 MPH AT LOW ALTITUDES

IF you answered YES, then what speed would you estimate? 1500 MPH AT 50,000'

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 32 Sex M

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

MR _____ WOULD LIKE TO BE ADVISED AS TO
THE OUTCOME OF ANY INVESTIGATION.

42. Date you completed this questionnaire:

16

Day

JUN

Month

1963

Year

BY FTD DUTY OFFICER

Philip P. P. P.

CAPT USAF

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

- a. Sound no
- b. Color light

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 _____

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

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

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?

Day

Month

Year

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:

WIFE, FATHER IN LAW, COUSIN, BOYFRIEND

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?

PLANE WITH BRIGHT LIGHT, MAYBE; NOT A FALLING STAR

16
Cops 945 PM N. of City 70° elevation → NE

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?

16 JUN 1963
Day Month Year

2. Time of day: 10 05
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

DAYTON
City or Town

OHIO
State or Country

Additional remarks: _____

5. How long was object in sight?

Hours

1
Minutes

30
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

a. Bright
b. Cloudy

NIGHT

a. Bright HAZY
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
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

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 |

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 NO

b. Color WHITE LIGHT

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.

ROUND LIGHT

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? _____

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

ONE

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.

GOING NE

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

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?

AS BIG AS WHOLE MATCH

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

NO

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.

REAL BRIGHT LIKE A LIGHT BULB,

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?

FIRST SEEN BY CHILDREN

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).

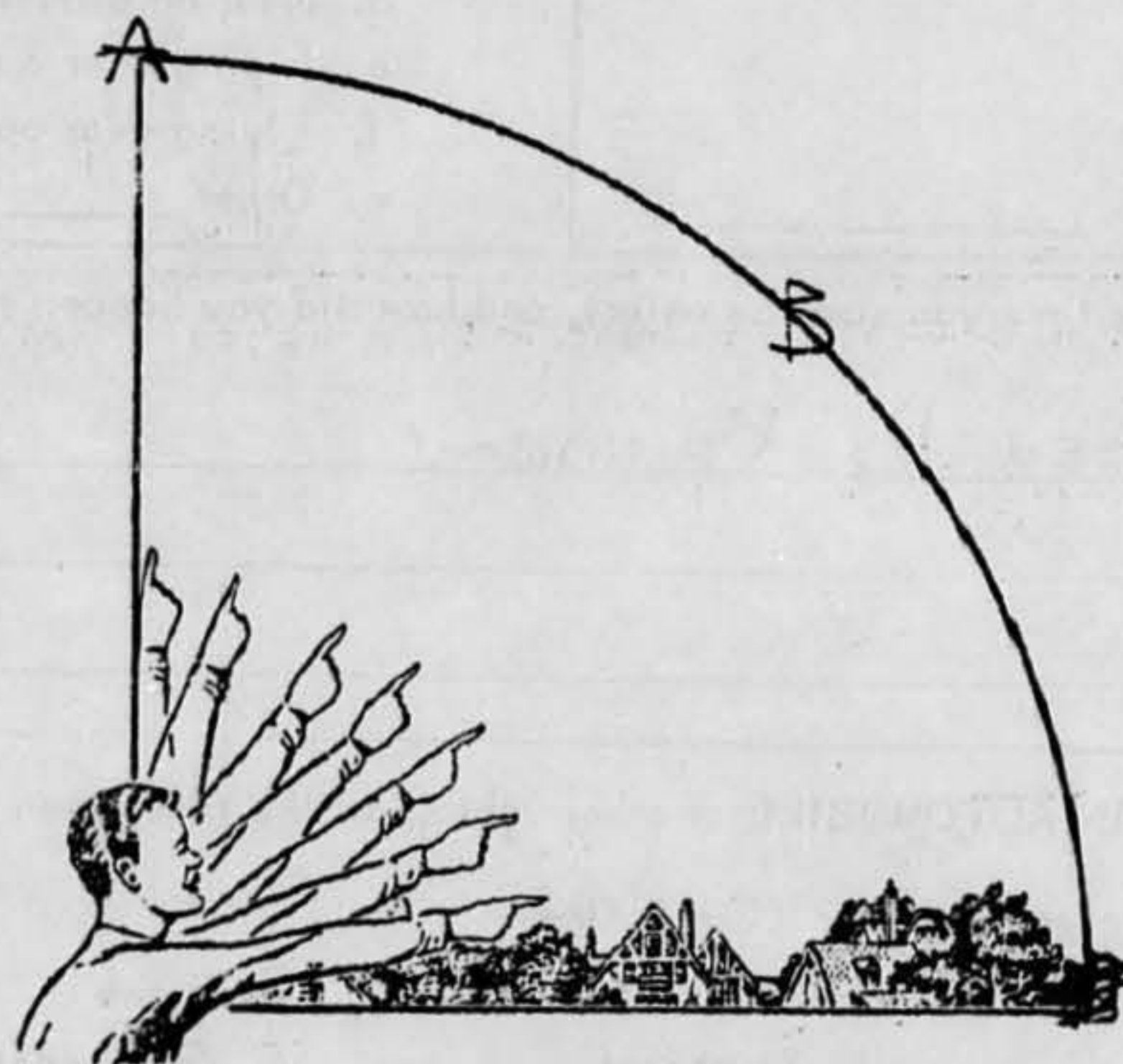
31.1 When it first appeared:

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

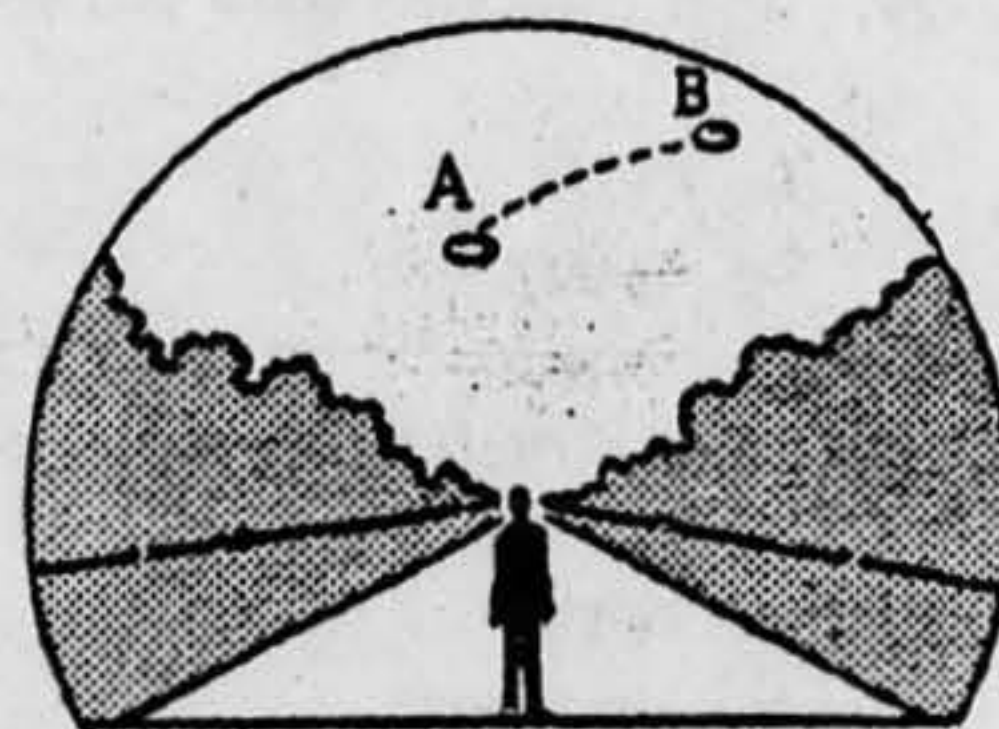
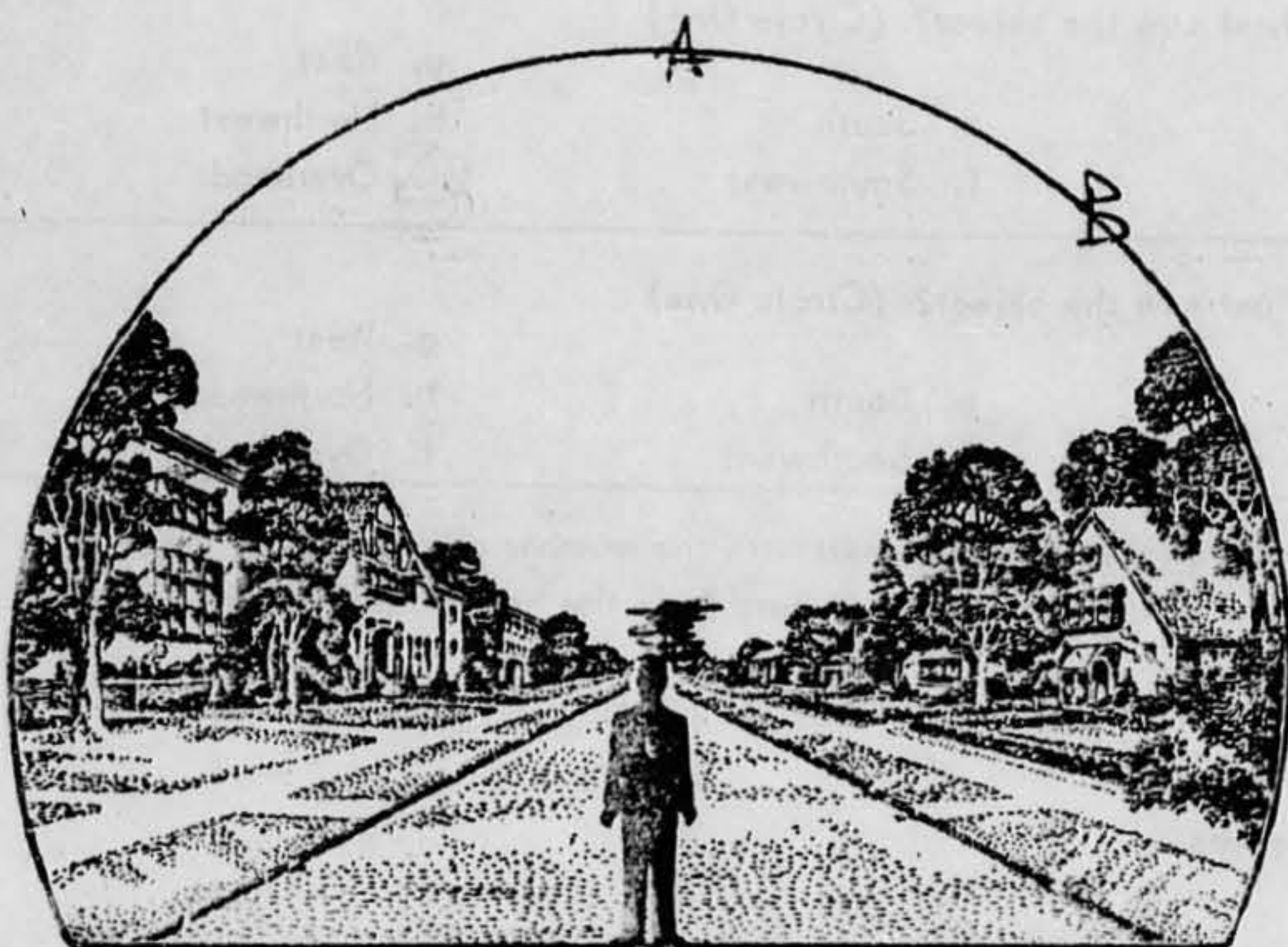
31.2 When it disappeared:

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



39. 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? _____

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

(Circle One)

Yes

☒ No

FAR AWAY

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

41. Please give the following information about yourself:

NAME

[REDACTED]

First Name

Middle Name

ADDRESS

[REDACTED]

Street

DAYTON

City

16

Zone

OHIO

State

TELEPHONE NUMBER

[REDACTED]

Age 30

Sex

M

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

42. Date you completed this questionnaire:

16

Day

JUN

Month

1963

Year

B+ FTD DUTY OFFICER

Robert R. Rhoton

CAPT USAF

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?

16
Day

JUN
Month

1963
Year

TO FTD DUTY OFFICER

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:

CHILDREN, WIFE, NEPHEW SAME 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?

SAME SITUATION 2-3 WEEKS AGO

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

MAYBE A SATELLITE

AT 00.49 AM	JUNE.16	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING SE
AT 02.53 AM	JUNE.16	SOUTH OF CITY,	79 DEGREES ABOVE HORIZON	MOVING SE
AT 09.01 AM	JUNE.16	SOUTH OF CITY,	12 DEGREES ABOVE HORIZON	MOVING SE
AT 01.45 PM	JUNE.16	NORTH OF CITY,	70 DEGREES ABOVE HORIZON	MOVING NE
AT 11.47 PM	JUNE.16	NORTH OF CITY,	56 DEGREES ABOVE HORIZON	MOVING SE
AT 01.50 AM	JUNE.17	NORTH OF CITY,	74 DEGREES ABOVE HORIZON	MOVING SE
AT 01.56 AM	JUNE.17	SOUTH OF CITY,	34 DEGREES ABOVE HORIZON	MOVING SE
1 DENVER, COLO.		MST		

Columbus
Ohio

DAYTON Schedule
of case 13 JUNE 63

AT 07.38 PM	JUNE.10	SOUTH OF CITY,	11 DEGREES ABOVE HORIZON	MOVING NE
AT 09.45 PM	JUNE.10	SOUTH OF CITY,	82 DEGREES ABOVE HORIZON	MOVING NE
AT 11.49 PM	JUNE.10	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING NE
AT 01.51 AM	JUNE.11	NORTH OF CITY,	63 DEGREES ABOVE HORIZON	MOVING SE
AT 03.56 AM	JUNE.11	SOUTH OF CITY,	70 DEGREES ABOVE HORIZON	MOVING SE
AT 05.43 PM	JUNE.11	SOUTH OF CITY,	52 DEGREES ABOVE HORIZON	MOVING NE
AT 10.47 PM	JUNE.11	NORTH OF CITY,	66 DEGREES ABOVE HORIZON	MOVING NE
AT 03.49 AM	JUNE.12	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 02.53 AM	JUNE.12	NORTH OF CITY,	85 DEGREES ABOVE HORIZON	MOVING SE
AT 07.39 PM	JUNE.12	SOUTH OF CITY,	29 DEGREES ABOVE HORIZON	MOVING NE
AT 09.45 PM	JUNE.12	NORTH OF CITY,	81 DEGREES ABOVE HORIZON	MOVING NE
AT 11.48 PM	JUNE.12	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 01.50 AM	JUNE.13	NORTH OF CITY,	70 DEGREES ABOVE HORIZON	MOVING SE
AT 01.55 AM	JUNE.13	SOUTH OF CITY,	50 DEGREES ABOVE HORIZON	MOVING SE
AT 08.42 PM	JUNE.13	SOUTH OF CITY,	74 DEGREES ABOVE HORIZON	MOVING NE
AT 10.46 PM	JUNE.13	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING NE
AT 09.40 AM	JUNE.14	NORTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING SE
AT 02.52 AM	JUNE.14	SOUTH OF CITY,	77 DEGREES ABOVE HORIZON	MOVING SE
AT 09.00 AM	JUNE.14	SOUTH OF CITY,	12 DEGREES ABOVE HORIZON	MOVING SE
AT 07.35 PM	JUNE.14	SOUTH OF CITY,	43 DEGREES ABOVE HORIZON	MOVING NE
AT 09.43 PM	JUNE.14	NORTH OF CITY,	69 DEGREES ABOVE HORIZON	MOVING NE
AT 11.46 PM	JUNE.14	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING SE
AT 01.49 AM	JUNE.15	NORTH OF CITY,	80 DEGREES ABOVE HORIZON	MOVING SE
AT 03.55 AM	JUNE.15	SOUTH OF CITY,	33 DEGREES ABOVE HORIZON	MOVING SE
AT 08.41 PM	JUNE.15	NORTH OF CITY,	86 DEGREES ABOVE HORIZON	MOVING NE
AT 10.44 PM	JUNE.15	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 08.46 AM	JUNE.16	NORTH OF CITY,	66 DEGREES ABOVE HORIZON	MOVING SE
AT 02.51 AM	JUNE.16	SOUTH OF CITY,	50 DEGREES ABOVE HORIZON	MOVING SE
AT 05.01 AM	JUNE.16	SOUTH OF CITY,	01 DEGREES ABOVE HORIZON	MOVING SE
AT 09.42 PM	JUNE.16	NORTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING NE
AT 11.44 PM	JUNE.16	NORTH OF CITY,	55 DEGREES ABOVE HORIZON	MOVING SE
AT 01.48 AM	JUNE.17	SOUTH OF CITY,	84 DEGREES ABOVE HORIZON	MOVING SE
AT 03.55 AM	JUNE.17	SOUTH OF CITY,	18 DEGREES ABOVE HORIZON	MOVING SE
1 EVANSVILLE, IND.		CST		

AT 09.46 PM	JUNE.10	SOUTH OF CITY,	56 DEGREES ABOVE HORIZON	MOVING NE
AT 10.51 PM	JUNE.10	NORTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING NE
AT 08.43 AM	JUNE.11	NORTH OF CITY,	52 DEGREES ABOVE HORIZON	MOVING SE

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?

lying on the grass watching for
shooting stars

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. <u>East</u> | 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. <u>Northeast</u> | 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 _____ degrees.

31.2 When it disappeared:

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

*no familiar with degrees
as related to direction*

PROJECT 10073 RECORD CARD

1. DATE 12 17 June 1963		2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other <u>Satellite ECHO I</u> ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 18/0145Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 10 minutes		8. NUMBER OF OBJECTS one		9. COURSE NE	
10. BRIEF SUMMARY OF SIGHTING Object brighter than brightest star visible at time with appearance of bright star in flight from SW to NE.				11. COMMENTS at 846 PM ECHO I was North of Dayton at 86 deg elevation heading NE in position to be observed by the witness. Case characteristic of Satellite sighting.	

17 18/01452

Echo 7846 PM
86° elev

NE

North of City

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?

17 JUNE 1963
Day Month Year

2. Time of day: 8:45
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] DAYTON, OHIO
Nearest Postal Address City or Town State or Country

Additional remarks: _____

5. How long was object in sight?

0 10 _____
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
a. Bright
b. Cloudy

NIGHT
(a) Bright
b. Cloudy

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

(Circle One): a. In front of you
b. In back of you
c. To your right

d. To your left
e. Overhead
f. Don't remember

FORM

FTD JUL 61 164

This form supersedes ATIC 164, Feb 60, 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. 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

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 |

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 _____

b. Color BRIGHTER THAN THE BRIGHTEST STAR

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.

LOOKED LIKE A VERY BRIGHT STAR.

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.

TRAVELING SOUTHWEST TO NORTHEAST

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.

NO CHANGES

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

LARGER & BRIGHTER THAN THE "EASTERN" STAR.

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?

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

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.

BRIGHT STAR

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?

LOOKING FOR B-58'S THAT USUALLY COME OVER
ABOUT THIS TIME

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 |

N/A

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:

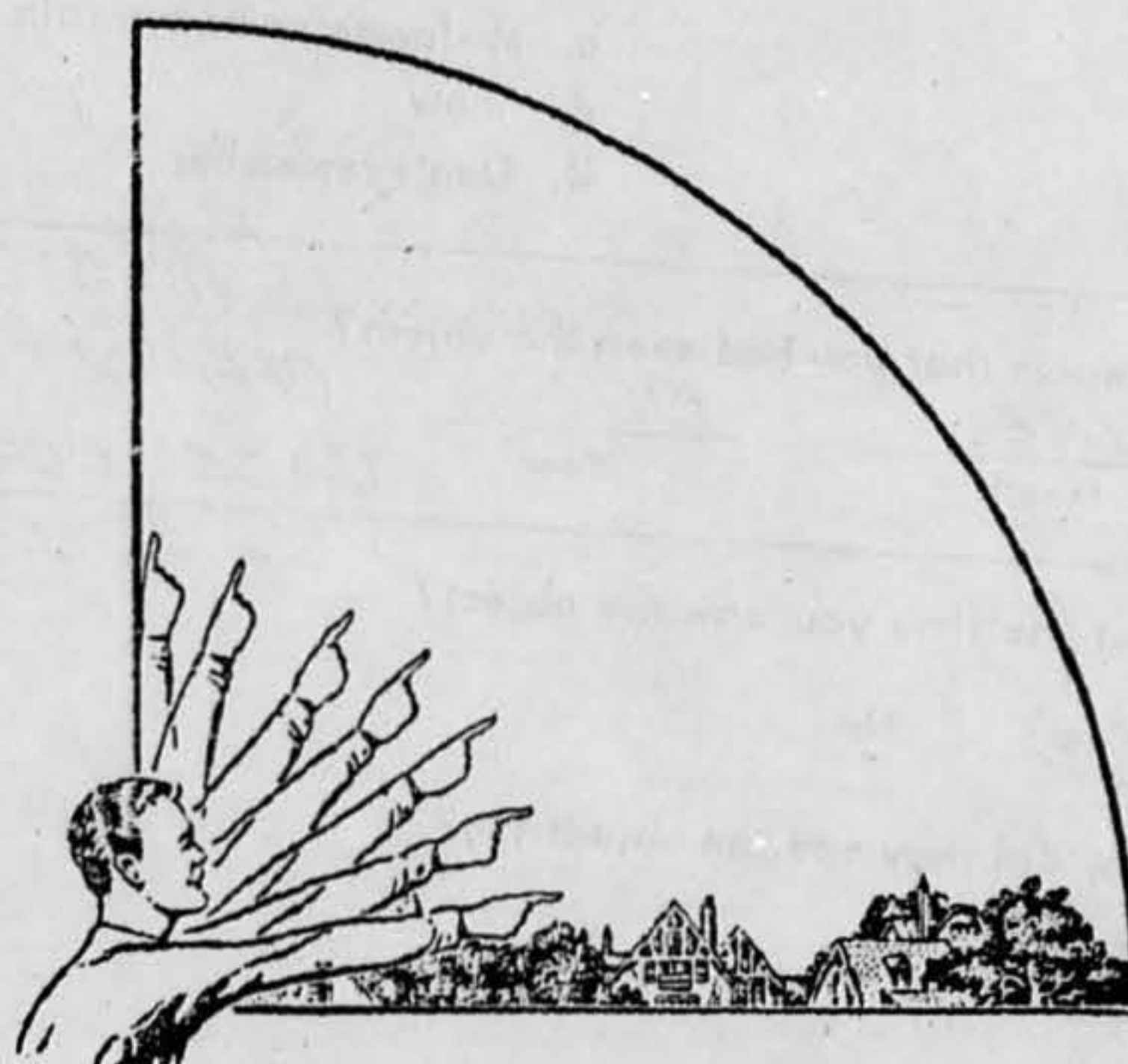
- a. From true North _____ degrees.
- b. From horizon _____ degrees.

N/A

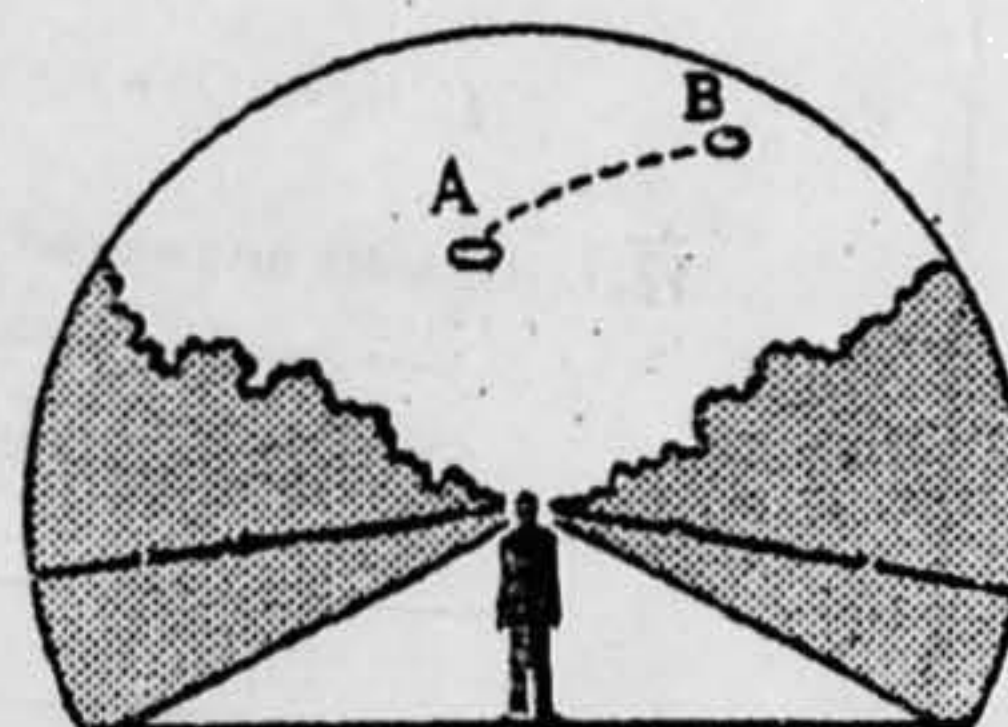
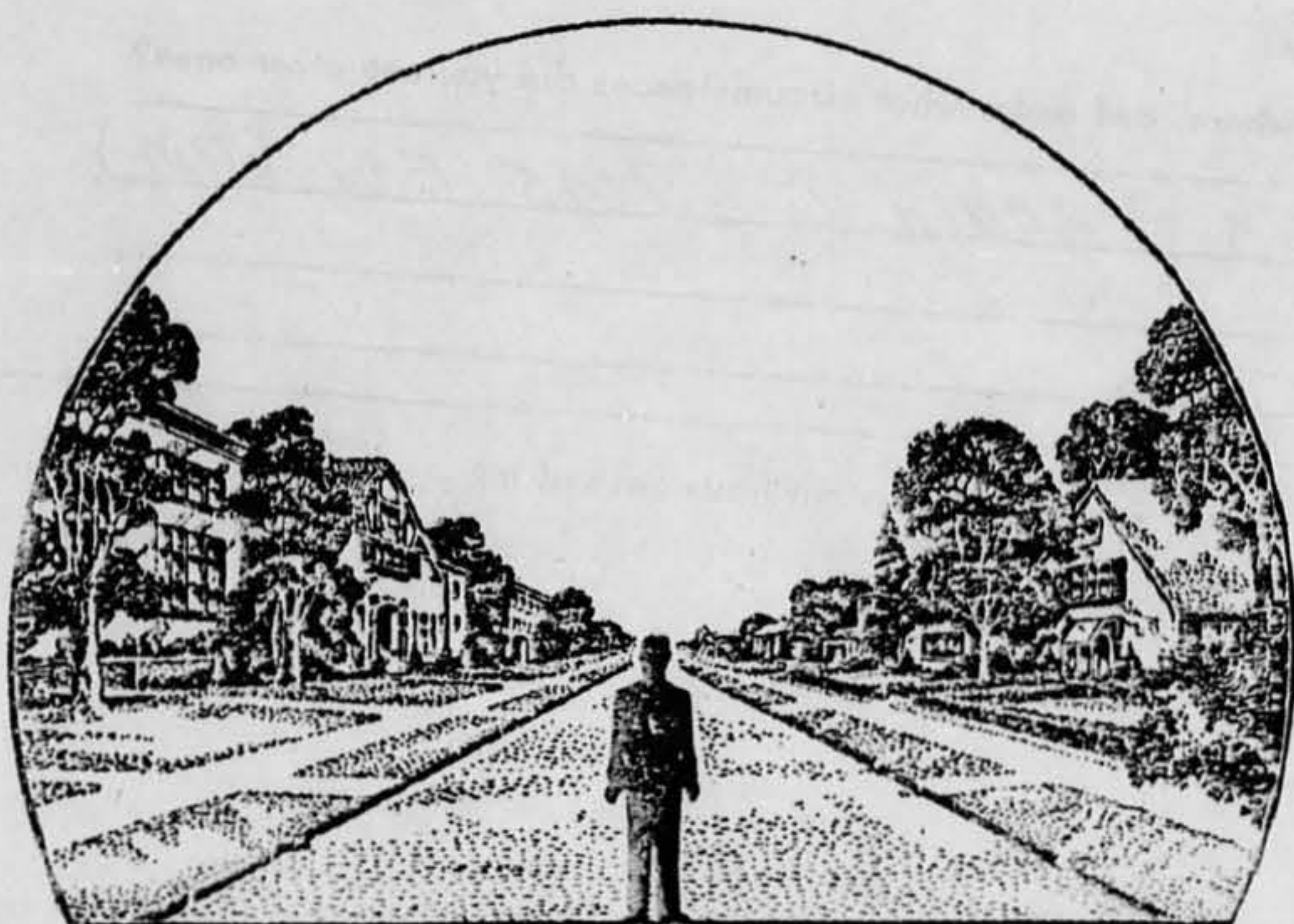
31.2 When it disappeared:

- a. From true North _____ degrees.
- b. From horizon _____ 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?

17
Day

JUNE
Month

1963
Year

MAJ TRAM
OFFICER OF THE DAY
BASE COMMAND POST W-PAFB O.

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:

B ?

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?

16 JUNE 1963, ZENIA, O. 9:45 EST (PM)

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

ECHO SATELLITE

U.S. AIR FORCE TECHNICAL INFORMATION SHEET
(SUMMARY DATA)

In order that your information may be filed and coded as accurately as possible, please use the following space to write out a short description of the event that you observed. You may repeat information that you have already given in the questionnaire, and add any further comments, statements, or sketches that you believe are important. Try to present the details of the observation in the order in which they occurred. Additional pages of the same size paper may be attached if they are needed.

NAME [REDACTED]

(Please Print)

(Do Not Write in This Space)

CODE:

SIGNATURE _____

DATE 1

Witness stated to me that he saw an object appearing like a bright star moving across the zenith from Southwest to Northeast.

39. 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? _____

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

DAYTON
City

Zone

OHIO
State

TELEPHONE NUMBER

Age

?

Sex

MALE

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

?

42. Date you completed this questionnaire:

17
Day

June
Month

63
Year

Completed by FTD OD after telephone
conversation with Mr. _____

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

largest star

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?

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

disappeared behind tree on horizon

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.

AT 08.43 PM	JUNE.19	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING NE
AT 10.45 PM	JUNE.19	NORTH OF CITY,	54 DEGREES ABOVE HORIZON	MOVING SE
AT 00.49 AM	JUNE.20	NORTH OF CITY,	87 DEGREES ABOVE HORIZON	MOVING SE
AT 02.56 AM	JUNE.20	SOUTH OF CITY,	23 DEGREES ABOVE HORIZON	MOVING SE
AT 09.44 PM	JUNE.20	NORTH OF CITY,	51 DEGREES ABOVE HORIZON	MOVING NE
AT 11.46 PM	JUNE.20	NORTH OF CITY,	69 DEGREES ABOVE HORIZON	MOVING SE
AT 01.52 AM	JUNE.21	SOUTH OF CITY,	46 DEGREES ABOVE HORIZON	MOVING SE
AT 08.42 PM	JUNE.21	NORTH OF CITY,	53 DEGREES ABOVE HORIZON	MOVING NE
AT 10.44 PM	JUNE.21	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 00.48 AM	JUNE.22	SOUTH OF CITY,	74 DEGREES ABOVE HORIZON	MOVING SE
AT 02.57 AM	JUNE.22	SOUTH OF CITY,	09 DEGREES ABOVE HORIZON	MOVING SE
AT 09.43 PM	JUNE.22	NORTH OF CITY,	52 DEGREES ABOVE HORIZON	MOVING SE
AT 11.45 PM	JUNE.22	NORTH OF CITY,	81 DEGREES ABOVE HORIZON	MOVING SE
AT 01.52 AM	JUNE.23	SOUTH OF CITY,	28 DEGREES ABOVE HORIZON	MOVING SE
AT 08.41 PM	JUNE.23	NORTH OF CITY,	50 DEGREES ABOVE HORIZON	MOVING NE
AT 10.43 PM	JUNE.23	NORTH OF CITY,	64 DEGREES ABOVE HORIZON	MOVING SE
AT 00.48 AM	JUNE.24	SOUTH OF CITY,	53 DEGREES ABOVE HORIZON	MOVING SE
COLUMBUS, OHIO EST				

AT 08.47 PM	JUNE.17	NORTH OF CITY,	85 DEGREES ABOVE HORIZON	MOVING NE
AT 10.49 PM	JUNE.17	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 00.52 AM	JUNE.18	NORTH OF CITY,	69 DEGREES ABOVE HORIZON	MOVING SE
AT 02.57 AM	JUNE.18	SOUTH OF CITY,	54 DEGREES ABOVE HORIZON	MOVING SE
AT 09.48 PM	JUNE.18	NORTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING NE
AT 11.50 PM	JUNE.18	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING SE
AT 01.54 AM	JUNE.19	SOUTH OF CITY,	74 DEGREES ABOVE HORIZON	MOVING SE
AT 04.02 AM	JUNE.19	SOUTH OF CITY,	15 DEGREES ABOVE HORIZON	MOVING SE
AT 10.48 PM	JUNE.19	NORTH OF CITY,	56 DEGREES ABOVE HORIZON	MOVING SE
AT 00.51 AM	JUNE.20	NORTH OF CITY,	79 DEGREES ABOVE HORIZON	MOVING SE
AT 02.57 AM	JUNE.20	SOUTH OF CITY,	35 DEGREES ABOVE HORIZON	MOVING SE
AT 09.47 PM	JUNE.20	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 11.49 PM	JUNE.20	NORTH OF CITY,	65 DEGREES ABOVE HORIZON	MOVING SE
AT 01.54 AM	JUNE.21	SOUTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING SE
AT 04.03 AM	JUNE.21	SOUTH OF CITY,	03 DEGREES ABOVE HORIZON	MOVING SE
AT 10.47 PM	JUNE.21	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 00.51 AM	JUNE.22	SOUTH OF CITY,	86 DEGREES ABOVE HORIZON	MOVING SE
AT 02.58 AM	JUNE.22	SOUTH OF CITY,	20 DEGREES ABOVE HORIZON	MOVING SE
AT 09.46 PM	JUNE.22	NORTH OF CITY,	55 DEGREES ABOVE HORIZON	MOVING SE
AT 11.48 PM	JUNE.22	NORTH OF CITY,	74 DEGREES ABOVE HORIZON	MOVING SE
AT 01.54 AM	JUNE.23	SOUTH OF CITY,	41 DEGREES ABOVE HORIZON	MOVING SE
AT 10.46 PM	JUNE.23	NORTH OF CITY,	62 DEGREES ABOVE HORIZON	MOVING SE
AT 00.50 AM	JUNE.24	SOUTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING SE
DAYTON, OHIO EST				

AT 08.46 PM	JUNE.17	NORTH OF CITY,	86 DEGREES ABOVE HORIZON	MOVING NE
AT 10.49 PM	JUNE.17	NORTH OF CITY,	56 DEGREES ABOVE HORIZON	MOVING NE
AT 00.52 AM	JUNE.18	NORTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING SE

PROJECT 10073 RECORD CARD

1. DATE 17 June 1963		2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other <u>Satellite ECHO 1</u> ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT <u>18/0255Z</u>		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 5 min & still in sight		8. NUMBER OF OBJECTS one		9. COURSE NE	
10. BRIEF SUMMARY OF SIGHTING Round shaped object moving NE observed in erratic path, including flashing & flickering. Object appeared to stand still and change brightness. White color. Appeared to be solid. Looked like bright star. Initial observation in West, last report at 45 deg azimuth. Looked like ECHO.				11. COMMENTS Satellite ECHO I North of Dayton at 56 deg elevation at 1048 PM in orbit to NE. Satellite in position for observation and case evaluated as Satellite ECHOI.	

18/0255Z

ECHO 17 June 1049 PM. N of City, 56° elev NE

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?

18 June 1963
Day Month Year

2. Time of day:

0255Z

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 AddressDayton
City or TownOhio
State or Country

Additional remarks:

5. How long was object in sight?

Hours

5
Minutes

Seconds

5.1 How was time in sight determined?

Still in sight

a. Certain
b. Fairly certainc. Not very sure
d. Just a guess

6. What was the condition of the sky?

DAY

a. Bright
b. Cloudy

NIGHT

a. Bright
b. Cloudy

Few Clouds

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 rightd. To your left
e. Overhead
f. Don't remember

FORM

FTD JUL 61 164

This form supersedes ATIC 164, Feb 60, 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. 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?

As bright as brightest star

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 |

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 Noise

b. Color White

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.

Moving N.E., shape - round

18. The edges of the object were:

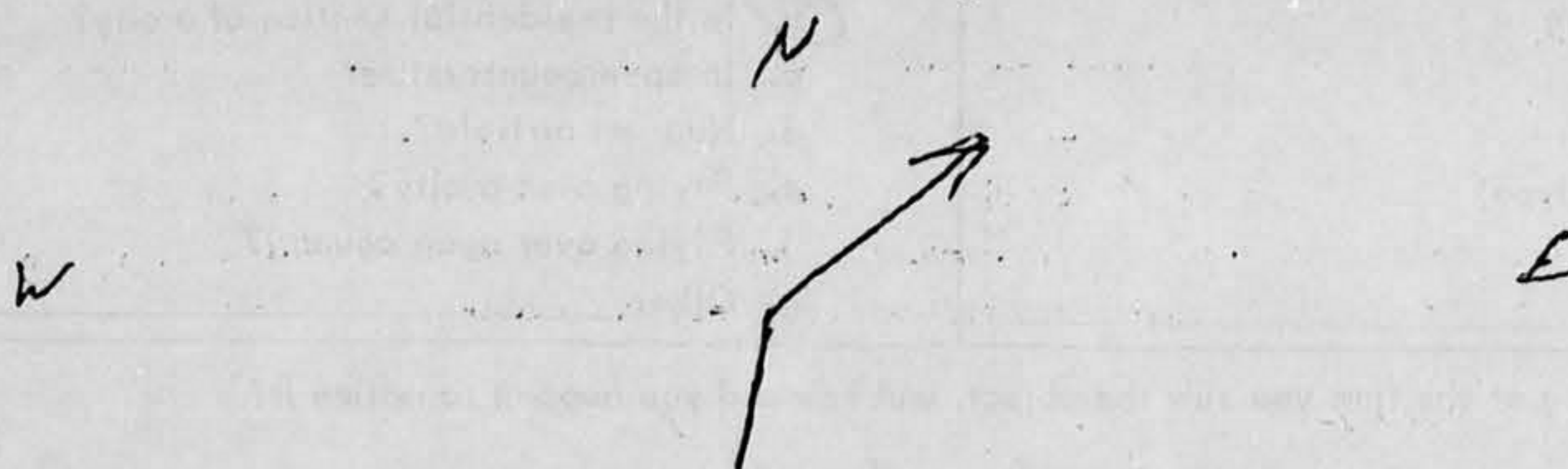
- (Circle One): a. Fuzzy or blurred
b. ☒ Like a bright star
c. Sharply outlined
d. Don't remember

e. Other _____

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

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

appears as a dot - larger than stars

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?

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

0303 Z object now disappeared behind buildings.

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.

Bright star

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?

Mother saw it & asked for binoculars.

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).

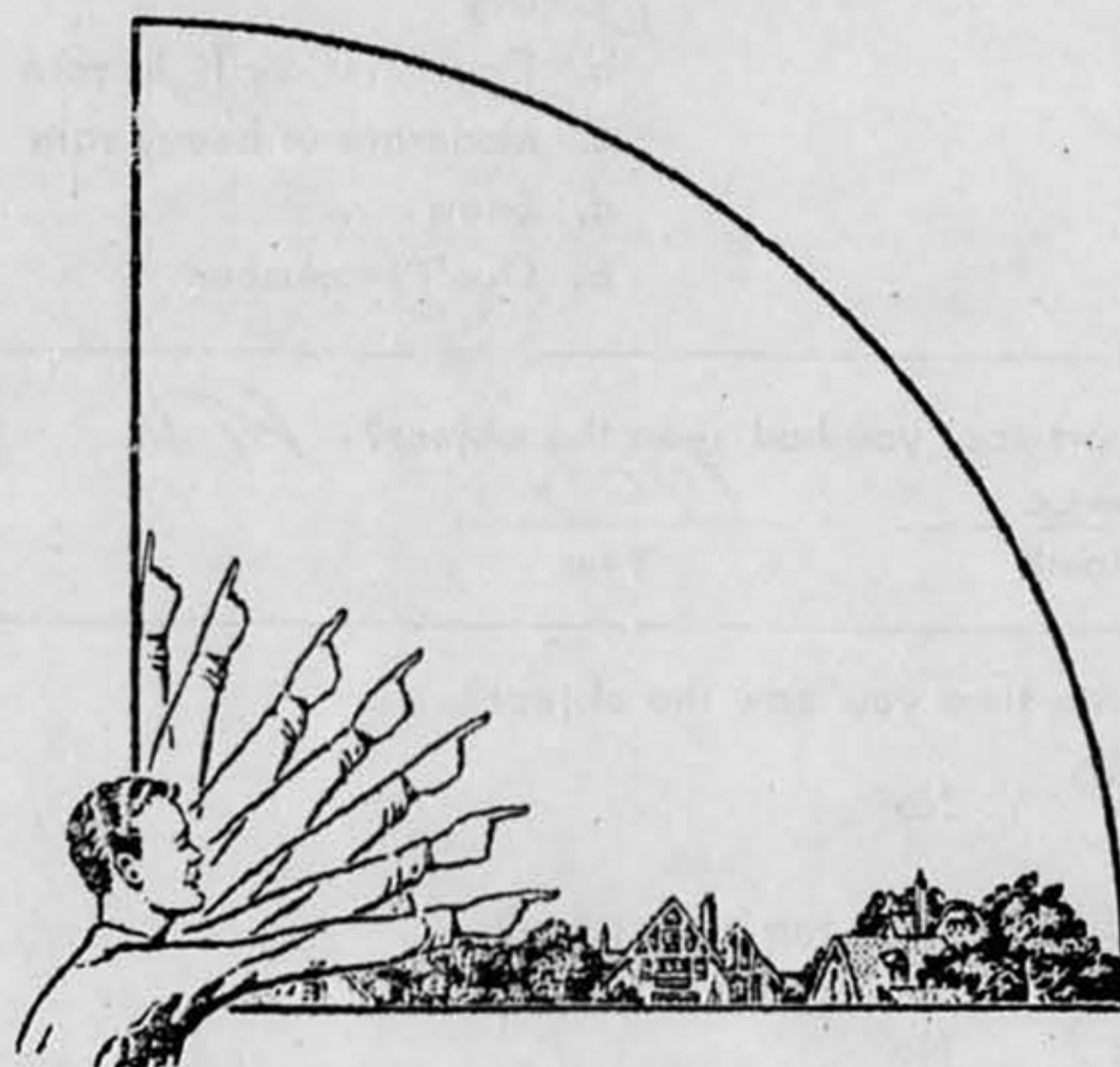
31.1 When it first appeared:

- a. From true North 270 degrees.
- b. From horizon 2 degrees. *100 ft off ground*

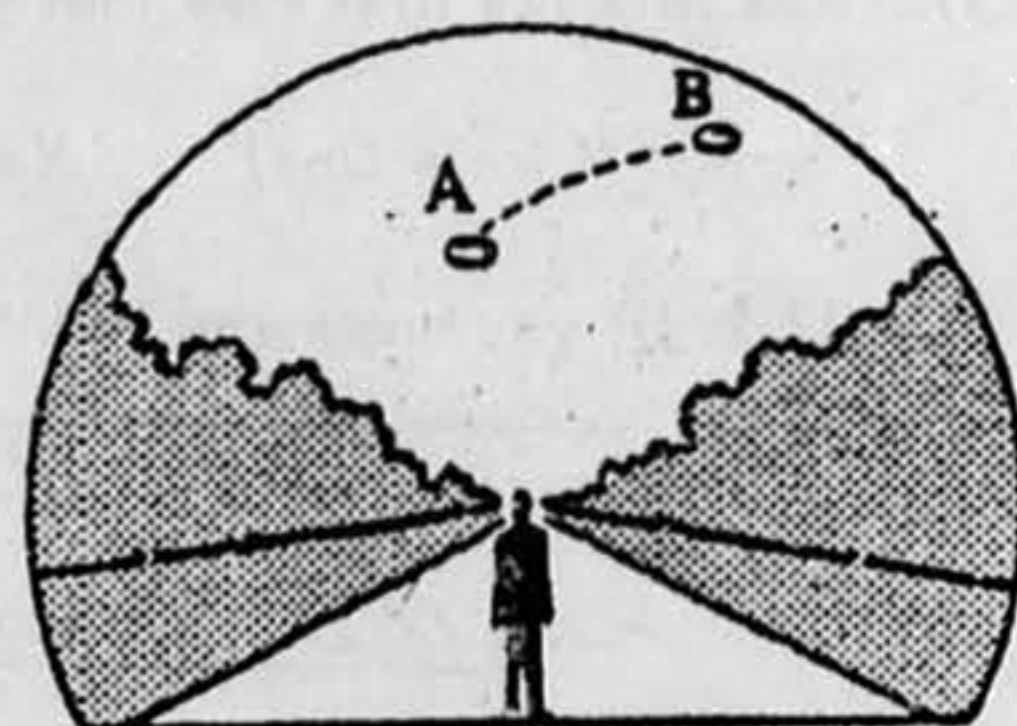
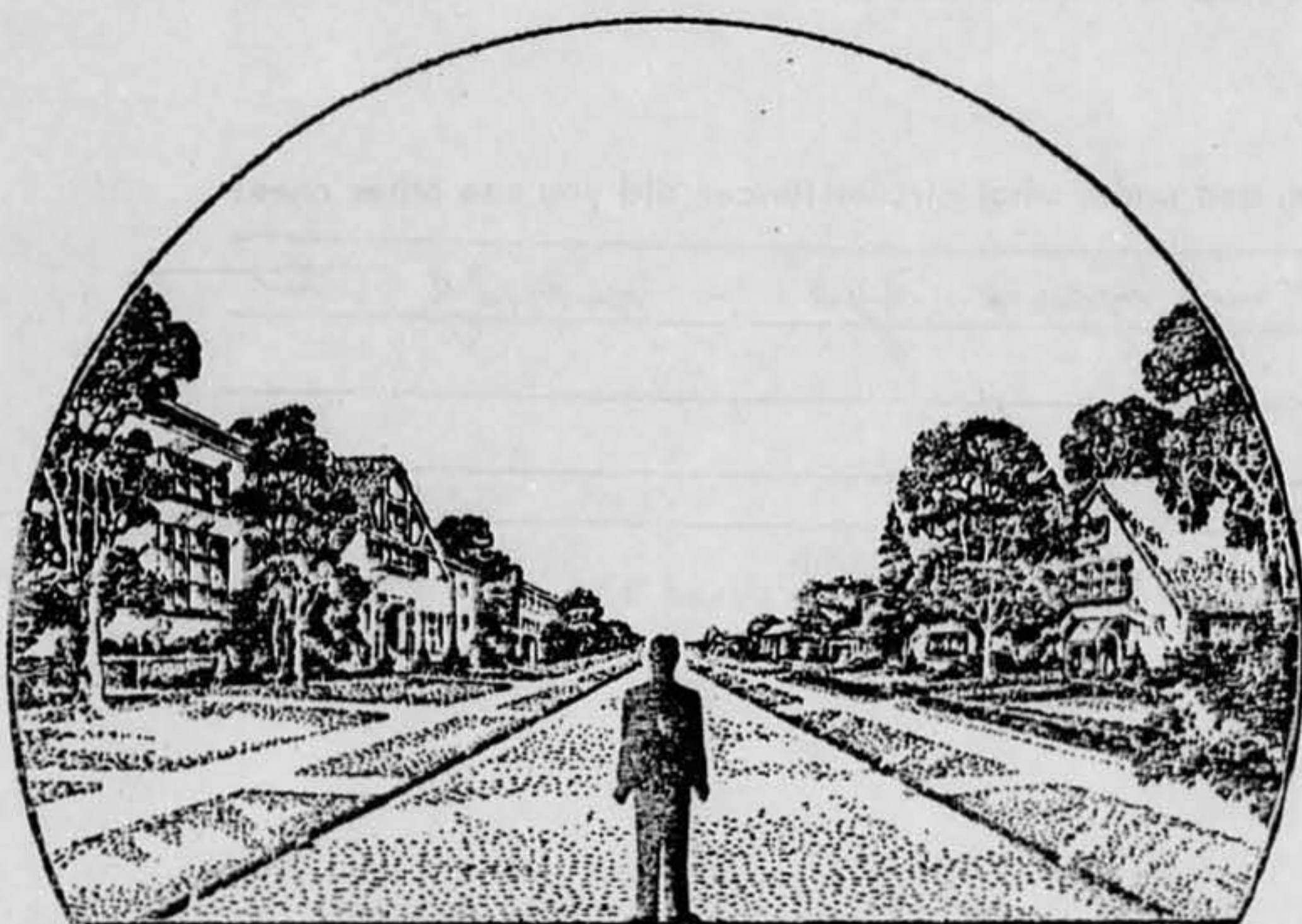
31.2 When it disappeared:

- a. From true North 045 degrees.
- b. From horizon _____ degrees. *disappeared below hly.*

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?

18
Day

June
Month

1963
Year

PTD DUTY OFF.

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:

Mother, Father, neighbors next door

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?

saw one like it several years ago - possibly the
satellite kept.

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

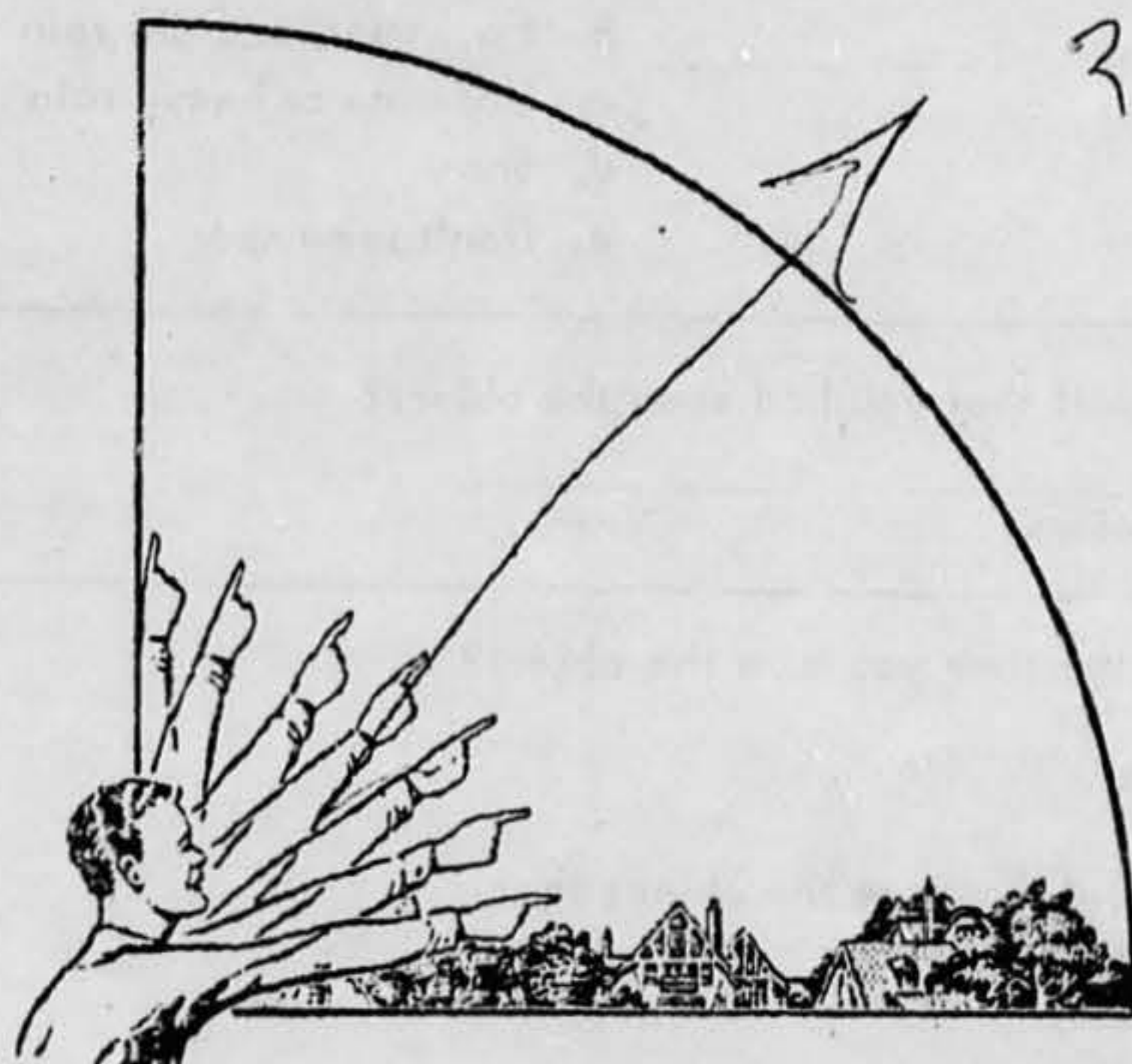
EQUATOR S-M				SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES							
TIME	LONG.	LAT.		TIME	SOUTH-NORTH	HT.	BEAR.	TIME	NORTH-SOUTH	HT.	BEAR.
(UT)	(W)			CORR.	CORR. (MI)	(N-E)		CORR.	CORR. (MI)	(N-E)	
JUNE 16, 1963											
1 27.1	121.92	47.4	28.7	-82.72	1088	90.0°		28.7	-82.76	1088	90.0°
3 22.2	151.03	45.0	23.2	-60.86	1026	72.3°		34.3	-104.98	1135	107.7°
5 17.2	180.14	40.0	18.9	-45.65	969	60.7°		38.6	-119.73	1150	119.4°
7 12.3	209.24	35.0	15.7	-36.05	923	54.0°		42.3	-129.26	1166	126.1°
9 7.3	238.35	30.0	13.1	-28.73	887	49.4°		45.3	-136.51	1167	130.7°
11 2.4	267.46	20.0	8.4	-17.42	820	43.7°		50.7	-147.65	1153	136.5°
12 37.4	296.56	0.	0.	0.	720	40.0°		60.3	-164.75	1083	140.2°
14 32.5	325.67	-20.0	-8.1	17.49	664	43.8°		-45.6	148.94	974	136.4°
16 47.6	354.78	-30.0	-12.4	28.89	656	49.5°		-40.7	137.68	909	130.6°
18 42.6	21.88	-35.0	-14.8	36.28	658	54.1°		-38.0	130.35	872	126.0°
20 37.7	52.99	-40.0	-17.6	45.98	666	60.8°		-35.0	120.72	832	119.3°
22 32.7	82.09	-45.0	-21.4	61.32	688	72.4°		-31.0	105.43	782	107.6°
		-47.4	-26.1	83.37	728	90.0°		-26.1	83.41	728	90.0°
JUNE 17, 1963											
0 27.8	111.20	47.4	28.5	-82.76	1078	90.0°		28.5	-82.80	1078	90.0°
2 22.8	140.31	45.0	23.0	-60.90	1013	72.3°		34.2	-104.63	1129	107.7°
4 17.9	169.41	40.0	18.8	-45.68	955	60.7°		38.7	-119.77	1156	119.4°
6 12.9	198.52	35.0	15.7	-36.07	910	54.0°		42.2	-129.30	1167	126.1°
8 8.0	227.62	30.0	13.0	-28.74	871	49.4°		45.1	-136.55	1170	130.7°
10 3.1	256.73	20.0	8.3	-17.43	805	43.7°		50.5	-147.70	1159	136.5°
11 38.1	285.84	0.	0.	0.	708	40.0°		60.1	-164.78	1095	140.2°
13 33.2	314.94	-20.0	-8.0	17.50	658	43.8°		-45.6	148.92	989	136.4°
15 48.2	344.05	-30.0	-12.4	28.90	652	49.5°		-40.7	137.67	923	130.6°
17 43.3	13.15	-35.0	-14.8	36.29	657	54.1°		-38.0	130.34	886	126.0°
19 38.3	42.26	-40.0	-17.6	45.99	667	60.8°		-35.0	120.71	845	119.3°
21 33.4	71.36	-45.0	-21.3	61.33	692	72.4°		-31.0	105.43	793	107.6°
23 28.4	100.47	-47.4	-26.1	83.38	736	90.0°		-26.1	83.41	736	90.0°
JUNE 18, 1963											
1 23.5	129.57	47.4	28.4	-82.51	1067	90.0°		28.4	-82.84	1067	90.0°
3 18.5	158.67	45.0	22.9	-60.93	999	72.3°		34.0	-104.68	1122	107.7°
5 13.6	187.78	40.0	18.6	-45.71	939	60.7°		38.5	-119.82	1152	119.4°
7 8.6	216.89	35.0	15.6	-36.10	894	54.0°		41.9	-129.35	1166	126.1°
9 3.7	245.99	30.0	12.9	-28.76	855	49.4°		44.9	-136.60	1172	130.7°
10 58.7	275.09	20.0	8.3	-17.44	790	43.7°		50.3	-147.75	1166	136.5°
12 53.8	304.20	0.	0.	0.	696	40.0°		60.0	-164.82	1108	140.2°
14 48.8	333.30	-20.0	-8.0	17.51	651	43.8°		-45.7	148.90	1005	136.4°
16 43.8	2.40	-30.0	-12.3	28.91	650	49.5°		-40.8	137.65	919	130.6°
18 38.9	31.51	-35.0	-14.7	36.30	656	54.1°		-38.1	130.33	901	126.0°
20 33.9	60.61	-40.0	-17.5	46.00	669	60.8°		-35.0	120.71	859	119.3°
22 29.0	89.71	-45.0	-21.3	61.34	697	72.4°		-31.0	105.43	805	107.6°
		-47.4	-26.1	83.39	745	90.0°		-26.1	83.42	745	90.0°
JUNE 19, 1963											
0 24.0	118.67	47.4	28.2	-82.85	1055	90.0°		28.2	-82.88	1056	90.0°
2 19.1	147.77	45.0	22.8	-60.97	985	72.3°		33.8	-104.72	1114	107.7°
4 14.1	176.88	40.0	18.5	-45.74	924	60.7°		38.3	-119.87	1146	119.4°
6 9.2	205.98	35.0	15.5	-36.12	878	54.0°		41.8	-129.40	1165	126.1°
8 4.2	235.09	30.0	12.8	-28.78	840	49.4°		44.7	-136.65	1173	130.7°
9 59.2	264.19	20.0	8.2	-17.45	775	43.8°		50.1	-147.79	1171	136.5°
11 54.3	293.29	0.	0.	0.	686	40.0°		59.8	-164.86	1120	140.2°
13 49.3	322.39	-20.0	-8.0	17.51	646	43.8°		-45.8	148.87	1019	136.4°
15 44.4	351.49	-30.0	-12.3	28.92	648	49.5°		-40.9	137.63	954	130.6°
17 39.4	20.78	-35.0	-14.7	36.31	657	54.1°		-38.1	130.32	916	126.0°
19 34.4	49.85	-40.0	-17.5	46.00	672	60.8°		-35.1	120.70	873	119.3°
21 29.5	78.95	-45.0	-21.3	61.35	702	72.4°		-31.0	105.42	817	107.6°
23 24.5	108.05	-47.4	-26.1	83.40	754	90.0°		-26.1	83.42	754	90.0°

EQUATOR S-M				SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES							
TIME	LONG.	LAT.		TIME	SOUTH-NORTH	HT.	BEAR.	TIME	NORTH-SOUTH	HT.	BEAR.
(UT)	(W)			CORR.	CORR. (MI)	(N-E)		CORR.	CORR. (MI)	(N-E)	
JUNE 20, 1963											
1 19.6	137.15	47.4	29.0	-82.89	1042	90.0°		28.0	-82.93	1042	90.0°
3 14.6	166.25	45.0	22.6	-61.00	969	72.3°		33.6	-104.77	1104	107.7°
5 9.6	195.36	40.0	18.4	-45.77	907	60.7°		38.1	-119.93	1142	119.4°
7 4.7	224.46	35.0	15.4	-36.15	861	54.0°		41.5	-129.46	1162	126.1°
8 59.7	253.56	30.0	12.8	-28.80	823	49.4°		44.5	-136.71	1172	130.7°
10 54.8	282.66	20.0	8.2	-17.47	760	43.8°		49.9	-147.85	1176	136.5°
12 49.8	311.76	0.	0.	0.	675	40.0°		59.6	-164.91	1132	140.2°
14 44.8	340.86	-20.0	-8.0	17.52	641	43.8°		-46.0	148.84	1036	136.4°
16 39.9	9.96	-30.0	-12.3	28.93	647	49.5°		-40.9	137.61	970	130.6°
18 34.9	39.06	-35.0	-14.7	36.32	650	54.1°		-38.2	130.30	932	126.0°
20 29.9	68.17	-40.0	-17.5	46.01	676	60.8°		-35.1	120.69	888	119.3°
22 25.0	97.27	-45.0	-21.3	61.35	710	72.4°		-31.0	105.42	831	107.7°
		-47.4	-26.1	83.38	765	90.0°		-26.1	83.42	765	90.0°
JUNE 21, 1963											
0 20.0	126.37	47.4	27.9	-82.93	1029	90.0°		27.9	-82.97	1029	90.0°
2 15.0	155.47	45.0	22.5	-61.04	954	72.3°		33.4	-104.82	1095	107.7°
4 10.1	184.57	40.0	18.3	-45.80	891	60.7°		37.9	-119.98	1136	119.4°
6 5.1	213.67	35.0	15.3	-36.17	846	54.0°		41.3	-129.51	1158	126.1°
8 0.1	242.77	30.0	12.7	-28.82	808	49.4°		44.3	-136.76	1171	130.7°
9 56.2	271.87	20.0	8.1	-17.48	746	43.8°		49.7	-147.90	1179	136.5°
11 50.2	300.97	0.	0.	0.	665	40.0°		59.5	-164.96	1143	140.2°
13 45.2	330.07	-20.0	-7.9	17.52	638	43.8°		-46.1	148.81	1050	136.4°
15 40.3	359.17	-30.0	-12.2	28.93	647	49.5°		-41.0	137.59	986	130.6°
17 35.3	28.27	-35.0	-14.7	36.33	660	54.1°		-38.3	130.28	948	126.0°
19 30.3	57.37	-40.0	-17.4	46.02	680	60.8°		-35.2	120.67	903	119.3°
21 25.3	86.47	-45.0	-21.2	61.35	717	72.4°		-31.1	105.41	844	107.7°
23 20.4	115.57	-47.4	-26.1	83.38	775	90.0°		-26.1	83.42	775	90.0°
JUNE 22, 1963											
1 15.4	144.67	47.4	27.7	-82.98	1014	90.0°		27.7	-83.01	1015	90.0°
3 10.4	173.77	45.0	22.3	-61.07	937	72.3°		33.2	-104.87	1083	107.7°
5 5.5	202.86	40.0	18.2	-45.82	874	60.7°		37.7	-120.03	1128	119.4°
7 0.5	231.96	35.0	15.2	-36.19	829	54.0°		41.1	-129.57	1153	126.1°
8 55.5	261.06	30.0	12.4	-28.84	791	49.4°		44.1	-136.82	1169	130.7°
10 50.5	290.16	20.0	8.1	-17.49	731	43.8°		49.4	-147.96	1182	136.5°
12 45.6	319.26	0.	0.	0.	655	40.1		59.3	-165.01	1154	140.2°
14 40.6	348.36	-20.0	-7.9	17.53	635	43.8°		-46.2	148.77	1066	136.4°
16 35.6	17.46	-30.0	-12.2	28.94	648	49.5°		-41.2	137.56	1003	130.6°
18 30.6	46.56	-35.0	-14.6	36.33	663	54.1°		-38.4	130.26	964	126.0°
20 25.7	75.65	-40.0	-17.4	46.02	686	60.8°		-35.3	120.65	919	119.3°
22 20.7	104.75	-45.0	-21.2	61.36	726	72.4°		-31.1	105.40	859	107.7°
		-47.4	-26.1	83.38	788	90.0°		-26.1	83.41	788	90.0°

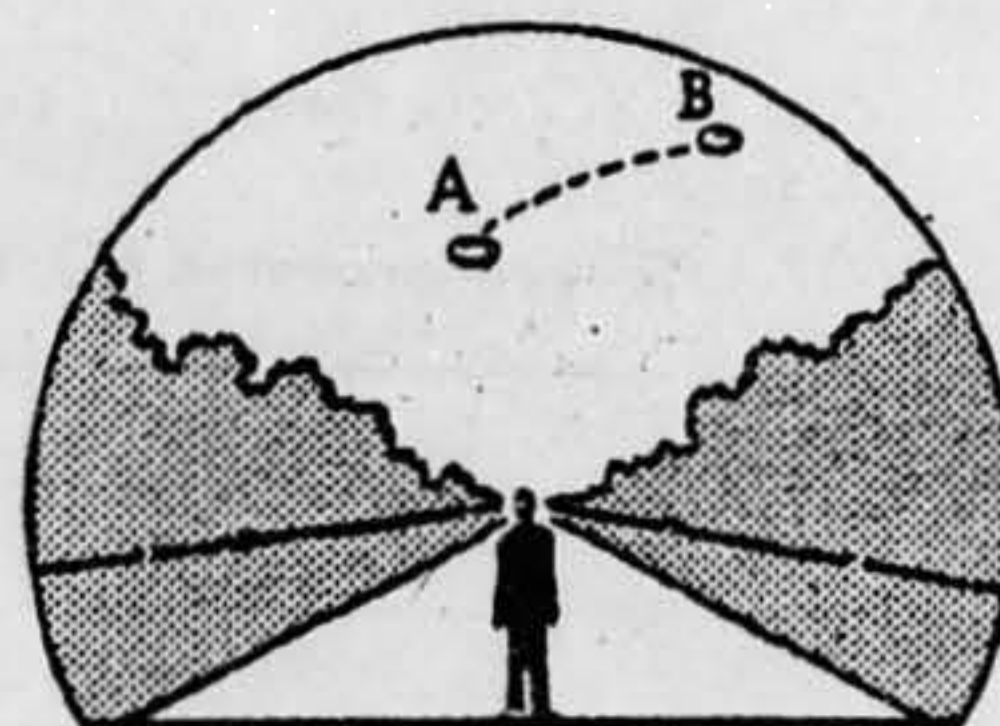
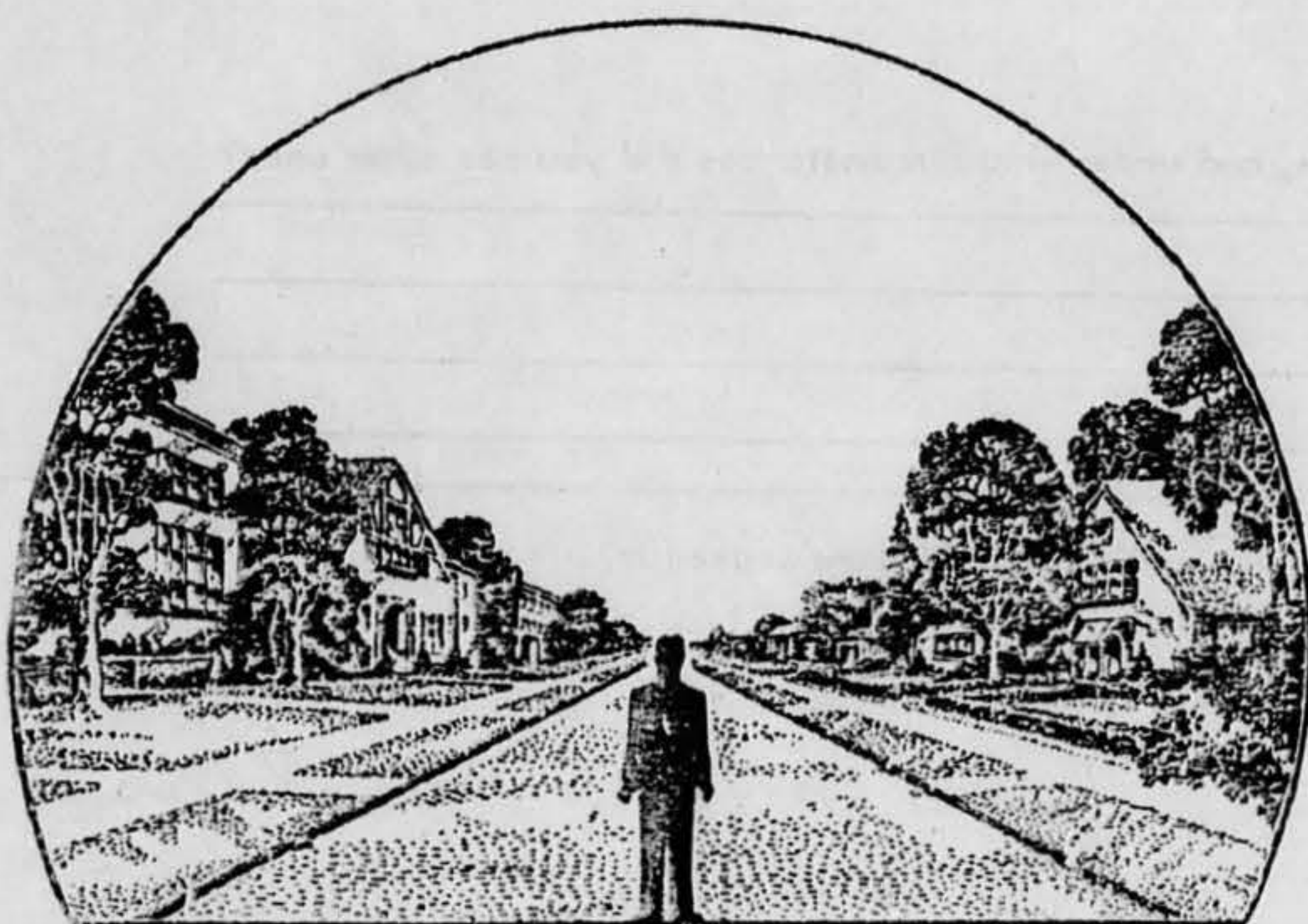
ORBITAL ELEMENTS FOR EARTH SATELLITE 1960 IOTA 1

REFERENCE TIME 1963 Y 6 M 6 D 1 M 17.66 M UT
 INCLINATION 47.24 DEG.
 ASCENDING NODE (LONG.) 85.26 DEG. WEST
 PRIME SWEEP INTERVAL ONE DAY -16.93 MIN.
 ARGUMENT OF PERIGEE 288.04 DEG.
 RATE OF CHANGE 0.27099 DEG. PER PERIOD
 ANOMALISTIC PERIOD 115.187 MIN.
 RATE OF CHANGE -0.00046 MIN. PER PERIOD
 ECCENTRICITY 0.04747
 RADIUS OF PERIGEE 4641.1 MILES
 RADIUS OF APOGEE 51

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.



39. 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? _____

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

DAYTON
City

Zone

OHIO
State

TELEPHONE NUMBER

Age

9

Sex

Male

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

42. Date you completed this questionnaire:

18
Day

June
Month

63
Year

PROJECT 10073 RECORD CARD

1. DATE 24 June 1963	2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
3. DATE-TIME GROUP Local 2150 GMT 25/0250Z	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		☒ Other Satellite (Echo I) ☐ Insufficient Data for Evaluation ☐ Unknown
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Civilian		
7. LENGTH OF OBSERVATION 5 minutes	8. NUMBER OF OBJECTS one	9. COURSE SE	
10. BRIEF SUMMARY OF SIGHTING Bright silent white object like a bright star observed at 60 dgr elevation with characteristics of Satellite Echo. Moved to point about 30 dgr elevation where it was obscured by trees after 5 minute observation.			11. COMMENTS At 9:44 PM Echo was North of Dayton at 67 dgr elevation moving SE. Satellite observation.

25 26/0100Z
ELLS GROUP N 70° 67° ELEV — SE
CALLED TIME DURING ANDST GRIFFITH SON

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?

24 JUN 63
Day Month Year

2. Time of day:

2150 EST
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

Ashtabula
City or Town

Ohio
State or Country

Additional remarks:

5. How long was object in sight?

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

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

N/A

d. To your left
e. Overhead
f. Don't remember

FORM

FTD JUL 61 164

This form supersedes ATIC 164, Feb 60, 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. The object appeared:

(Circle One):

- a. ^{BRIGHT} 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

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 |

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: LIGHT CLOUD

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 SILENT

b. Color WHITE

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 _____

19. 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.

ONE

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.

MOVING E N I E



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

Same as star

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?

—

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

Passed behind trees

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.

Previous sighting same as Esko

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?

Happened to look up.

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.

N/A

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).

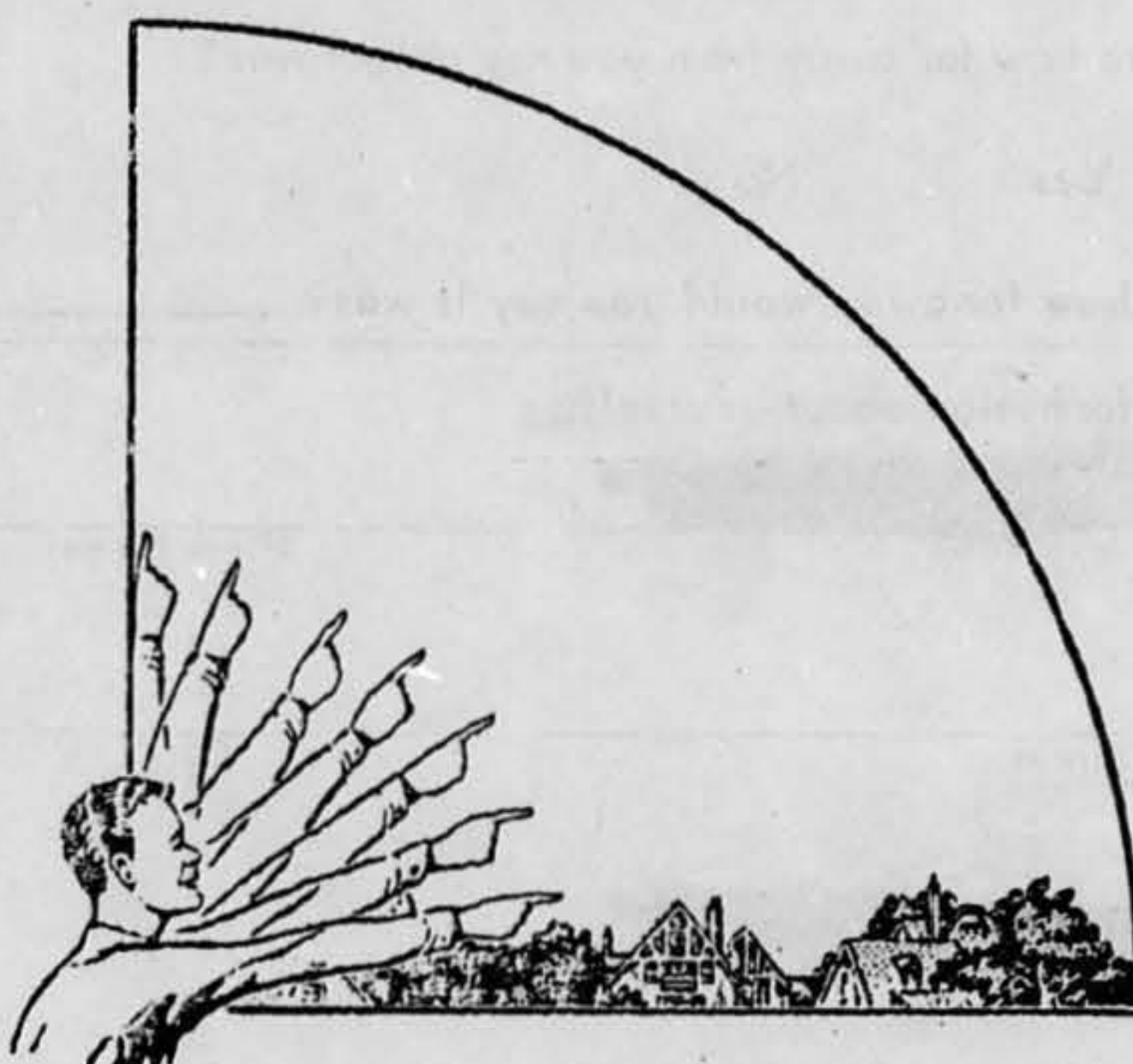
31.1 When it first appeared:

- a. From true North _____ degrees.
- b. From horizon 60 degrees.

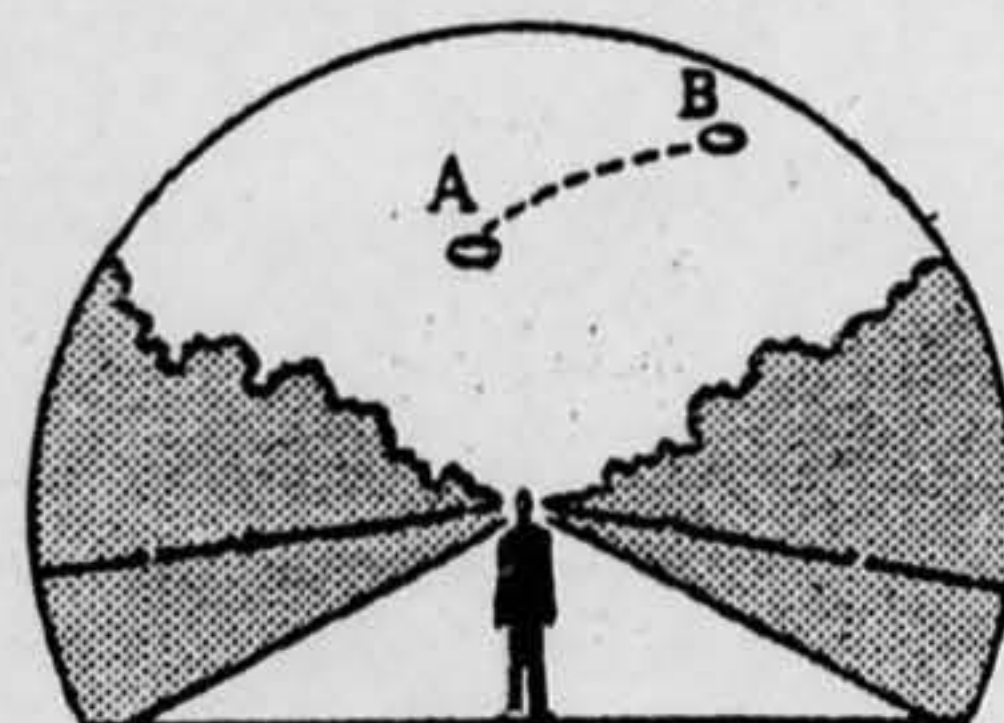
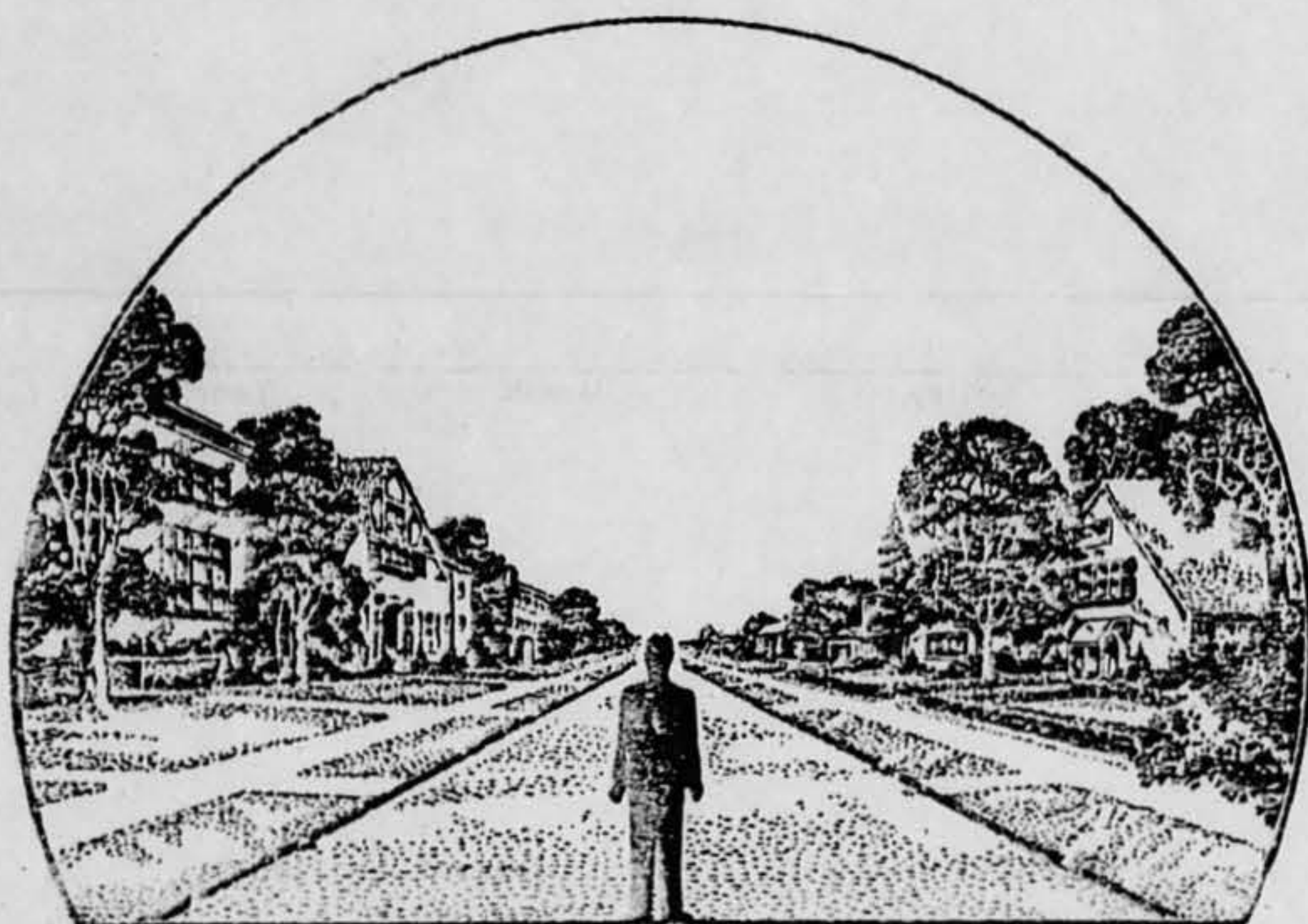
31.2 When it disappeared:

- a. From true North _____ degrees.
- b. From horizon 30 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.



39. 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?

SLOW

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

17

Sex

M

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

42. Date you completed this questionnaire:

Day

Month

Year

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?

Day

Month

Year

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:

st their names and addresses: [REDACTED] R, DAYTON

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?

if you answered NO, then when, where, and under what circumstances did you see him last?

ECHO SATELLITE

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

SATELLITE

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?

Day

Month

Year

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:

Finzel

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?

*Too high for airplane
uniform motion perhaps
as a Sputnik*

AT 02.56 AM JUNE.18 SOUTH OF CITY, 57 DEGREES ABOVE HORIZON MOVING SE
 AT 05.06 AM JUNE.18 SOUTH OF CITY, 01 DEGREES ABOVE HORIZON MOVING SE
 AT 09.48 PM JUNE.18 NORTH OF CITY, 61 DEGREES ABOVE HORIZON MOVING NE
 AT 11.50 PM JUNE.18 NORTH OF CITY, 59 DEGREES ABOVE HORIZON MOVING SE
 AT 01.55 AM JUNE.19 SOUTH OF CITY, 83 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 04.01 AM JUNE.19 SOUTH OF CITY, 17 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 10.40 PM JUNE.19 NORTH OF CITY, 55 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 00.51 AM JUNE.20 NORTH OF CITY, 76 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 02.57 AM JUNE.20 SOUTH OF CITY, 38 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 09.47 PM JUNE.20 NORTH OF CITY, 56 DEGREES ABOVE HORIZON MOVING NE ✓
 AT 11.49 PM JUNE.20 NORTH OF CITY, 63 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 01.53 AM JUNE.21 SOUTH OF CITY, 64 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 04.03 AM JUNE.21 SOUTH OF CITY, 05 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 10.07 PM JUNE.21 NORTH OF CITY, 57 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 00.50 AM JUNE.22 SOUTH OF CITY, 89 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 02.58 AM JUNE.22 SOUTH OF CITY, 22 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 09.05 PM JUNE.22 NORTH OF CITY, 54 DEGREES ABOVE HORIZON MOVING NE ✓
 AT 11.49 PM JUNE.22 NORTH OF CITY, 71 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 01.53 AM JUNE.23 SOUTH OF CITY, 45 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 10.46 PM JUNE.23 NORTH OF CITY, 60 DEGREES ABOVE HORIZON MOVING SE ✓
 AT 00.50 AM JUNE.24 SOUTH OF CITY, 71 DEGREES ABOVE HORIZON MOVING SE ✓
 DENVER, COLO. MST

DAYTON 24 Feb 67

AT 08.44 PM JUNE.17 NORTH OF CITY, 71 DEGREES ABOVE HORIZON MOVING NE
 AT 10.46 PM JUNE.17 NORTH OF CITY, 56 DEGREES ABOVE HORIZON MOVING SE
 AT 00.49 AM JUNE.18 NORTH OF CITY, 77 DEGREES ABOVE HORIZON MOVING SE
 AT 02.55 AM JUNE.18 SOUTH OF CITY, 37 DEGREES ABOVE HORIZON MOVING SE
 AT 09.45 PM JUNE.18 NORTH OF CITY, 56 DEGREES ABOVE HORIZON MOVING NE
 AT 11.47 PM JUNE.18 NORTH OF CITY, 64 DEGREES ABOVE HORIZON MOVING SE
 AT 01.51 AM JUNE.19 SOUTH OF CITY, 63 DEGREES ABOVE HORIZON MOVING SE
 AT 04.01 AM JUNE.19 SOUTH OF CITY, 04 DEGREES ABOVE HORIZON MOVING SE
 AT 08.43 PM JUNE.19 NORTH OF CITY, 62 DEGREES ABOVE HORIZON MOVING NE
 AT 10.45 PM JUNE.19 NORTH OF CITY, 57 DEGREES ABOVE HORIZON MOVING SE
 AT 00.49 AM JUNE.20 SOUTH OF CITY, 80 DEGREES ABOVE HORIZON MOVING SE
 AT 02.56 AM JUNE.20 SOUTH OF CITY, 21 DEGREES ABOVE HORIZON MOVING SE
 AT 09.44 PM JUNE.20 NORTH OF CITY, 55 DEGREES ABOVE HORIZON MOVING NE
 AT 11.46 PM JUNE.20 NORTH OF CITY, 72 DEGREES ABOVE HORIZON MOVING SE
 AT 01.52 AM JUNE.21 SOUTH OF CITY, 44 DEGREES ABOVE HORIZON MOVING SE
 AT 08.42 PM JUNE.21 NORTH OF CITY, 56 DEGREES ABOVE HORIZON MOVING NE
 AT 10.44 PM JUNE.21 NORTH OF CITY, 61 DEGREES ABOVE HORIZON MOVING SE
 AT 00.48 AM JUNE.22 SOUTH OF CITY, 70 DEGREES ABOVE HORIZON MOVING SE
 AT 02.57 AM JUNE.22 SOUTH OF CITY, 08 DEGREES ABOVE HORIZON MOVING SE
 AT 09.43 PM JUNE.22 NORTH OF CITY, 55 DEGREES ABOVE HORIZON MOVING SE
 AT 11.45 PM JUNE.22 NORTH OF CITY, 85 DEGREES ABOVE HORIZON MOVING SE
 AT 01.52 AM JUNE.23 SOUTH OF CITY, 27 DEGREES ABOVE HORIZON MOVING SE
 AT 08.41 PM JUNE.23 NORTH OF CITY, 54 DEGREES ABOVE HORIZON MOVING NE
 AT 10.43 PM JUNE.23 NORTH OF CITY, 68 DEGREES ABOVE HORIZON MOVING SE

PROJECT 10073 RECORD CARD

1. DATE 29 June 1963	2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
3. DATE-TIME GROUP Local 2250 GMT 30/0350Z	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar		☒ Other <u>Satellite ECHO</u> I ☐ Insufficient Data for Evaluation ☐ Unknown
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Civilian		
7. LENGTH OF OBSERVATION 4 minutes	8. NUMBER OF OBJECTS one	9. COURSE SE	
10. BRIEF SUMMARY OF SIGHTING White light about like a bright star in flight to SE. Thought to be Satellite but disappeared abruptly as though disappearing into Earth's shadow. Passed through 45 dgr arc in four minutes.		11. COMMENTS Satellite Echo visible south of city at 88 dgr elevation moving SE at 2242. This places Echo in position for reported observation. <i>(940 PM Echo over Dayton) (2440 Local E.S.T. —) ONE HOUR ERROR IN TIME OF REPORT. —</i>	

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?

29 JUNE 63
Day Month Year

2. Time of day:

2250
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

DAYTON
City or Town

OHIO
State or Country

Additional remarks:

5. How long was object in sight?

Hours

04
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

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

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. 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?

about like bright star

11. Did the object:

- | | | | |
|---|---|-------------------------------------|------------|
| a. Appear to stand still at any time? | <i>probably an</i> ☒ 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? <i>grew</i> | ☒ 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 |

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 white

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 _____

19. 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.

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

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?

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

no

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.

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?

Lying down in back yard

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. <u>Overhead</u> |

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 |
- } ESE

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 170 degrees.
- b. From horizon 80 degrees.

31.2 When it disappeared:

- a. From true North 120 degrees.
- b. From horizon 45 degrees.

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?

29 JUNE 63
Day Month Year

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:

~~XXXXXXXXXX~~ ~~XXXXXXXXXX~~
~~XXXXXXXXXX~~
DAYTON, OHIO

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?

Have seen some of the satellites

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

probably a satellite - disappeared abruptly
as though passing into earth's shadow

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

(Circle One)

Yes

No

*passed thru
45° angle in about
4 minutes*

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

[REDACTED]
Last Name

[REDACTED]
First Name

[REDACTED]
Middle Name

ADDRESS

[REDACTED]
Street

DAYTON
City

14
Zone

OHIO
State

TELEPHONE NUMBER

[REDACTED]

Age

39

Sex

M

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

42. Date you completed this questionnaire:

29
Day

JUNE
Month

1963
Year

NO CASE: Information Only
SOURCE: Flying Saucer Review
Nov-Dec 65

18-24 Jun 63
Andes Mts, Argentina

Andes (Mendoza Area)

Between June 18 and 24, a large party of scientists, meteorologists and Argentine Army engineers were up on the Andes studying the Zodiacal Light. On several of the nights they saw great red lights which moved up and down and to and fro on the sheer rock faces of the Cordillera, in the vicinity of the famous gigantic statue of Christ the Redeemer, and near the Santa Eléna Peak. Huddled in their mountain huts, the party also heard strange "metallic noises" outside, and there was much uneasy talk among the troops of flying saucers.

The whole area being uninhabited and all the climbing routes being blocked at the time by very heavy snowfalls, it was agreed by all concerned that "absolutely no explanation could be found". The report of this affair is also given by CODOVNI, who add that personnel of the Argentine and Chilean meteorological services who have to do duty on these lonely Andean heights confirm that they have frequently seen the mysterious moving lights.

39. 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? _____

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

[REDACTED] Last Name

[REDACTED] First Name

[REDACTED] Middle Name

ADDRESS

[REDACTED] Drive

Dayton
City

Zone

Ohio
State

TELEPHONE NUMBER

[REDACTED]

Age 17

Sex F

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

42. Date you completed this questionnaire:

8
Day

June
Month

1963
Year

This report was phoned to Capt Bauman, duty officer, just as object was disappearing over the horizon at almost exactly 10 PM.

No Case (Information Only)

21 June 1963
Cedar Rapids, Iowa

SOURCE: IAPA- SEP 63

Case 51. Cedar Rapids, Nebraska, June 21, 1963. Tom Rupperecht saw a pouch-shaped UFO that pulsed. Time-8:15 p.m. Duration-about 3 minutes. After this time, the object dematerialized. (18)

No Case (Information Only)

23 June 1963
Medina, Ohio

Source: FSIC (July 1963)

MEDINA, OHIO.....6/23/63.....3:40 AM.
A large object which seemed "as large as an orange" was seen by Mr & Mrs Marvin Hall. Mr Hall described the object as of a bright white color with variations of red and brown. It was round, with two extension lights revolving about the central body. "It bobbed like a buoy in the water", explained the husband. The object moved W to NW and was last seen fading in intensity as it disappeared behind trees..... No sound, trail, exhaust, etc.

26 June 1963
Rockland, Mass.

Another June 26 sighting was made by Mr. and Mrs. Richard Tonsberg of Rockland, Mass. They were sitting outside their home along with Mrs. Tonsberg's brother-in-law William Henderson. They saw a lighted object with the same exact colors and light relationship but flying much higher. They heard no sound. All three reported the object traced a zig-zag path, making a series of sharp 90-degree turns without pausing in its flight. The glow the object emitted was orange and white. Mr. Henderson reported the object's flight path was sharp and irregular as in the photograph taken in Wollaston about 1:30 on the 25th or 26th. He said it appeared to be heading northwest, but repeatedly doubled back and forth over its path. "All three of us watched it for about five minutes," Henderson said, "and the main reason we did so was the large number of almost-perfect right angles taken by whatever it was." The trio first saw it when a commercial airliner bound for Logan Airport passed over their house. When the plane had passed, all three saw the orange-white light source "much higher than the airplane, tracing this zig-zag pattern."

1 - 17 JULY SIGHTINGS 1963

<u>DATE</u>	<u>LOCATION</u>	<u>OBSERVER</u>	<u>EVALUATION</u>
1	Glen Ellyn, Illinois	REDACTED	UNIDENTIFIED
1	Oakhurst, New Jersey	REDACTED	SATELLITE
2	55N 35W (Atlantic)	Military	AIRCRAFT
3	Klamath Falls, Oregon	REDACTED	INSUFFICIENT DATA
4	26.04N 127.53E (Far East)	Military	SATELLITE
4	25.02N 127.15E (Far East)	Military	SATELLITE
4	Hamilton, Montana	REDACTED	SATELLITE
4	Greensboro, N. C.	REDACTED	INSUFFICIENT DATA
6	Sioux City, Iowa	REDACTED	AIRCRAFT
6	Sioux City, Iowa	REDACTED	SATELLITE
8	Gulf of Mexico	British Ship	SATELLITE
9	Arlington Heights, Illinois	REDACTED	SATELLITE
10	Dayton, Ohio	REDACTED	AIRCRAFT
11	Ludington, Michigan	REDACTED	AIRCRAFT
15	22.02N 117.00E (Far East)	Military	SATELLITE
15	Plainview, L. I., New York	REDACTED (PHOTOS)	Other (LENS FLARE)
15	East Orange, New Jersey	REDACTED	SATELLITE
16	Baker, Oregon	Military	BALLOON
16	35.38N 176.23W (Pacific)	Military	SATELLITE
17	Spencer, West Virginia	REDACTED	SATELLITE

ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

<u>DATE</u>	<u>LOCATION</u>	<u>SOURCE</u>	<u>EVALUATION</u>
1	Turnerville, Georgia	News Clipping	
2	Johnson City, Tenn.	REDACTED (Green 164)	
4	Weymouth, Mass.	News Clipping	
7	Bantam, Conn.	" "	
8	Alliance, Ohio	" "	
10	Northbrook, Illinois	" "	
10	Medina, Ohio	" "	
13	Elgin, Illinois	" "	
14	Great Britain	" "	
15	Wiltshire, England	" "	
17	Clinton, Ohio	" "	
17	Mansfield, Ohio	" "	
17	Akron, Ohio	" "	