PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION	12. CONCLUSIONS
1 August 1962	Dayton, Ohio	☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local ______ GMT 02/0045Z	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	☒ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Civilian	☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION 3 mins	8. NUMBER OF OBJECTS one — 9. COURSE NE	☐ Other______ ☐ Insufficient Data for Evaluation ☐ Unknown

10. BRIEF SUMMARY OF SIGHTING	11. COMMENTS
White light without vapor trail moving NE, no approx size w/luminosity of Sirius. Appeared as light only; however, gave impression of being solid. Flight straight & steady w/curve at end of flight. Looked like Echo until it turned.	Echo I over Dayton 1 Aug at 0043Z North of city moving SE. Obj under observation moving NE. Sighting has characteristics of a/c at alt. /Duration & maneuvers are consistent w/this analysis.

ATIC FORM 329 (REV 26 SEP 52)

HEADQUARTERS
FOREIGN TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

TD-E/Lt Col Friend

UFO Sighting 2 August 1962

[redacted]
Dayton, Ohio

Dear Mr. [redacted]

Please complete the inclosed FTD Form 164 on your sighting reported to this office per your telephone call of 2 August 1962. A self-addressed envelope is inclosed for your convenience in returning the form.

Sincerely

EDWARD H. WYNN
Colonel, USAF
Deputy for Science
and Components

2 Atchs
1. FTD Form 164
2. Envelope

ECHO OVER DAYTON 1 August 8:43 PM
NORTH OF CITY 85° ELEVATION MOVING 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?

   1 (Day) Aug. (Month) 1962 (Year)

2. Time of day: 8 (Hour) 45 (Minutes)

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

3. Time Zone: (Circle One): a. Eastern b. Central c. Mountain d. Pacific e. Other ______

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

4. Where were you when you saw the object?

   [redacted] (Nearest Postal Address) Dayton (City or Town) Ohio (State or Country)

   Additional remarks: Brother's home

5. How long was object in sight? ______ Hours 3 approx. 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

   clear - no cloud cover

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

FTD FORM JUL 61 164 This form supersedes ATIC 164, Feb 50, 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? No. Approx. same luminosity as Sirius.

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 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.

white light. No vapor trails. Moving from SSW to NNE.

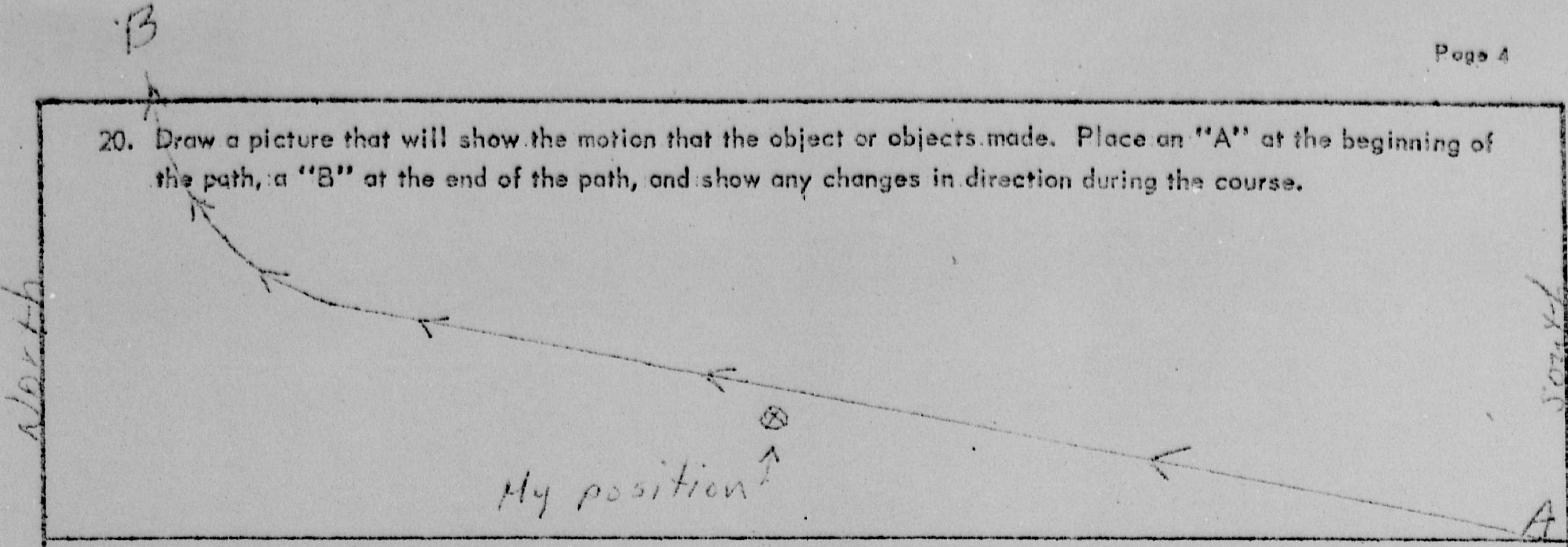
18. The edges of the object were:

(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?

Probably completely covered

23. Did the object disappear while you were watching it? If so, how? Faded out at position B, Diagram 20.

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.

A 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 south, to watch the approach of (if any) a B-58.

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

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

a. North　b. Northeast　c. East　d. Southeast　e. South　f. Southwest　g. West　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).

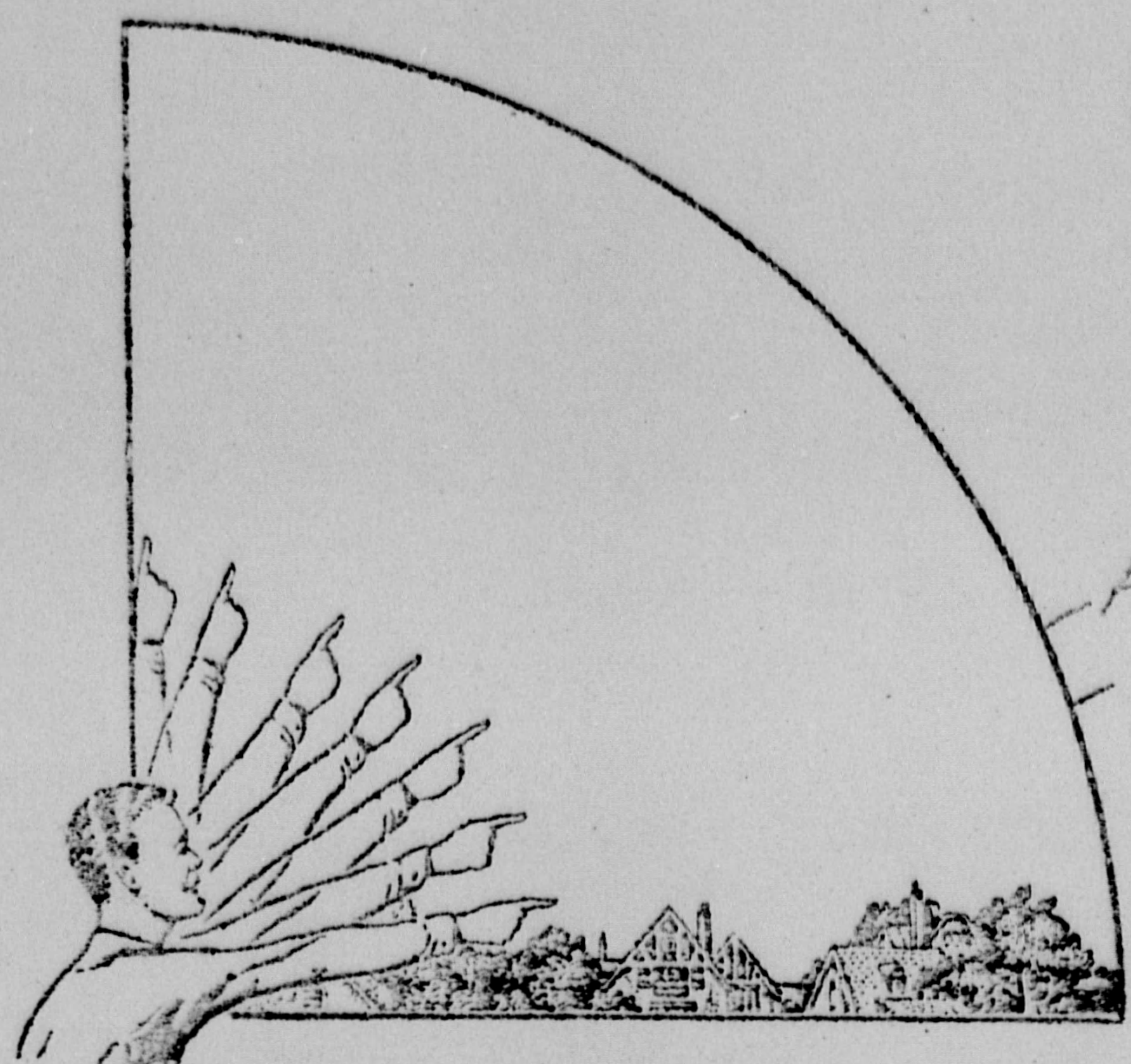
31.1 When it first appeared:

a. From true North 200 degrees.
b. From horizon 30 degrees.

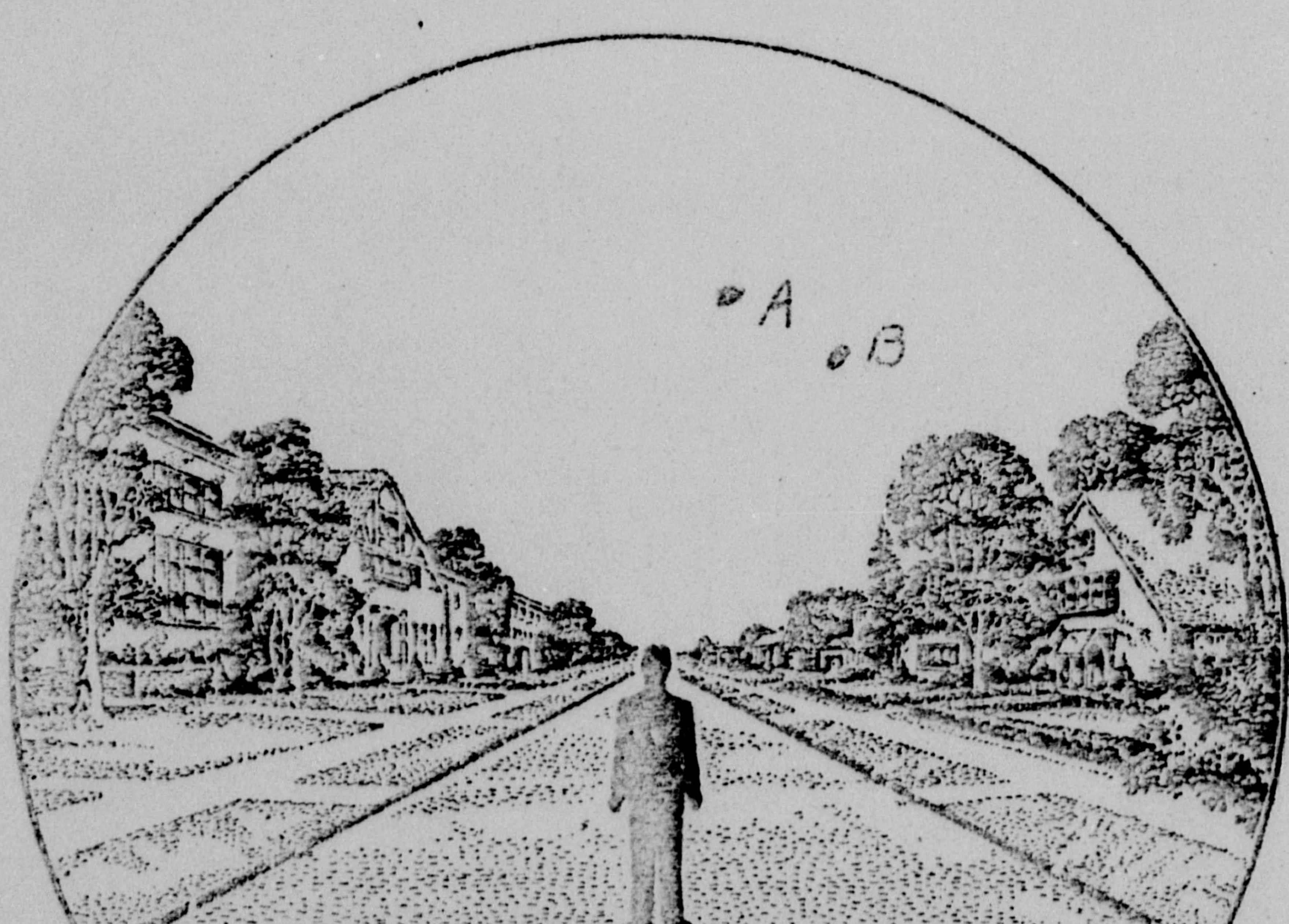
31.2 When it disappeared:

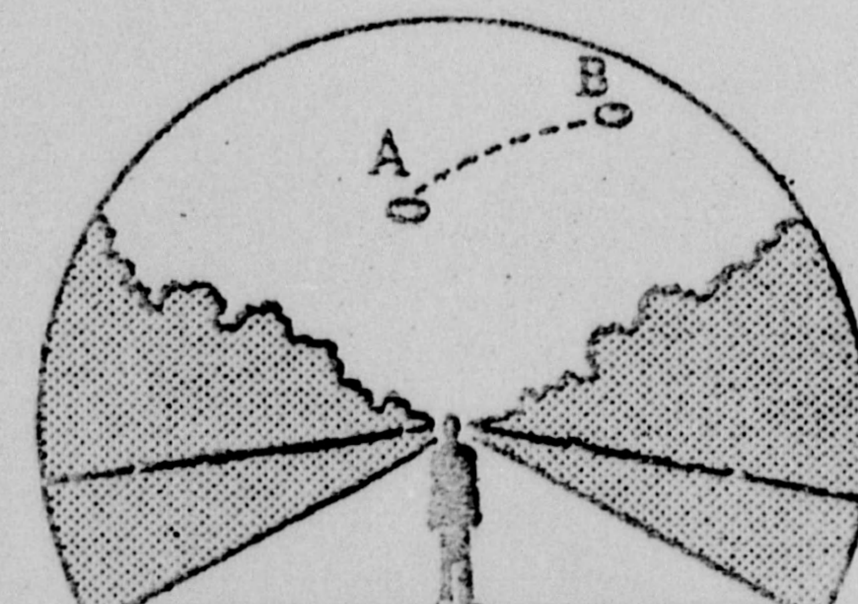
a. From true North 35 degrees.
b. From horizon 20 degrees.

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?

1 Day — Aug Month — 62 Year — Col. Friend

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] [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?

Some several times have seen the Ec[ho] satellite, the appearance of which is quite similar.

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

I was satisfied that it was the Echo satellite, until I saw it turn from a hea[ding] of about 20° to a heading of what app[eared] to be about 60°-70°.

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

(Circle One) Yes **No** However, if its altitude was the same as Echo, it might have been going faster than Echo.

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 First Name Middle Name

ADDRESS [redacted] 29 Ohio
Street City Zone State

TELEPHONE NUMBER [redacted]

Age 40 Sex Male

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

Flew P-47's mostly during WW II.

42. Date you completed this questionnaire: 5 (Day) Aug (Month) 1962 (Year)

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)

SIGNATURE [redacted]

DATE 5 Aug 1962

(Do Not Write in This Space)
CODE:

At 2045 hrs. 1 Aug 1962, I was watching the southern sky for the expected appearance of a B-58, whose vapor trails could be readily seen. Right beside the star Arcturus (I think) I saw, what appeared to be another star, but moving toward me.

As it moved thru the sky, almost directly overhead, I was satisfied that it was the Echo satellite, and watched it move toward the NNE. At about 35° above the NNE horizon it began veering to the right or toward the east and continued in an easterly direction until it faded from view.