PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION	12. CONCLUSIONS
8 June 1963	Dayton, Ohio	☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT 09/0100Z	**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 10-15 min	**8. NUMBER OF OBJECTS** one	**9. COURSE** NE
		☒ Other Satellite ECHO I ☐ Insufficient Data for Evaluation ☐ Unknown

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.

ATIC FORM 329 (REV 26 SEP 52)

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, 40 DEGREES ABOVE HORIZON MOVING NE
AT 00.52 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 08.41 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 07.37 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

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.

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

ATIC FORM 329 (REV 26 SEP 52)

13/0900Z

Echo 357 Am South of Cuba 71° Elev → 5°

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 (Day) June (Month) 1963 (Year)

2. Time of day: 04 (Hour) 00 (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 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	NIGHT
a. Bright	(a) Bright
b. Cloudy	b. Cloudy

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

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

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, 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
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_____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? Dty Officer FTD

13 (Day) June (Month) 1963 (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:

[redacted] Dayton, Ohio 277-5744

[redacted] St Dayton 5 223-2669.

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

(Circle One) Yes (No)

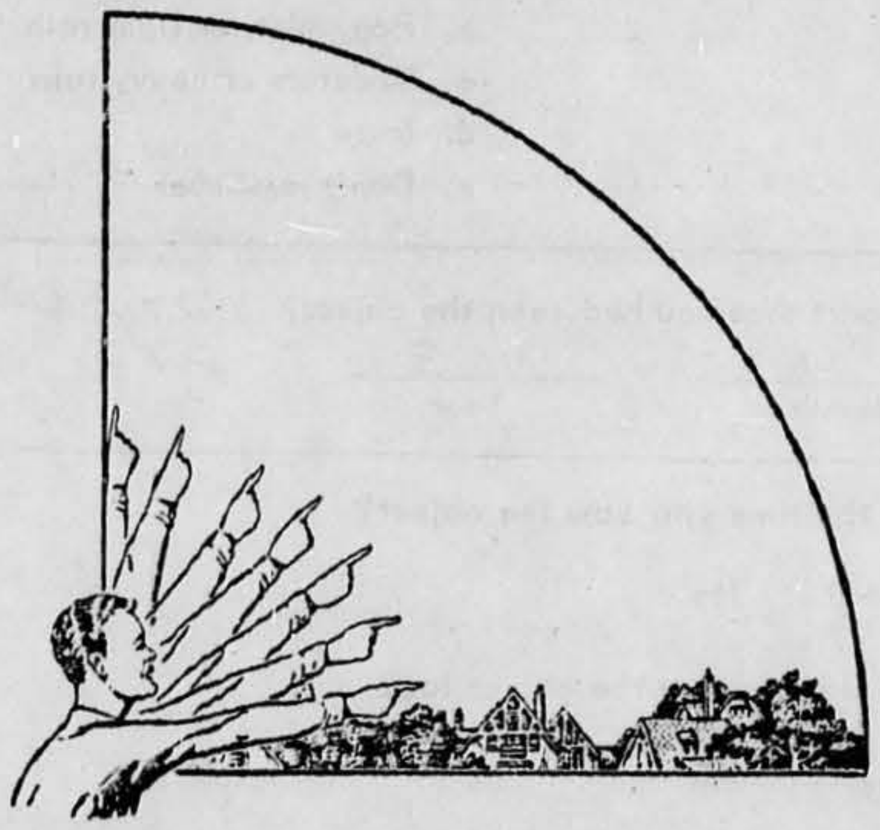
37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

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

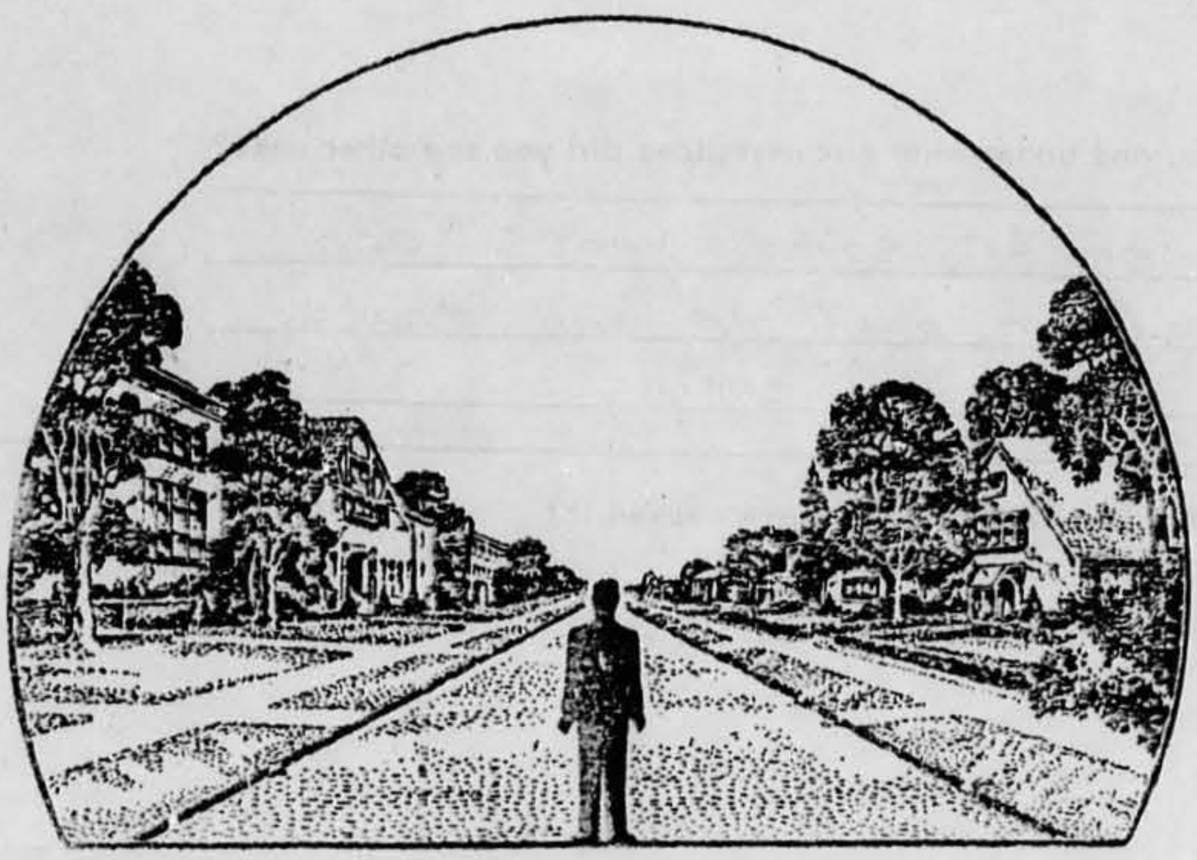
38. In your opinion what do you think the object was and what might have caused it?

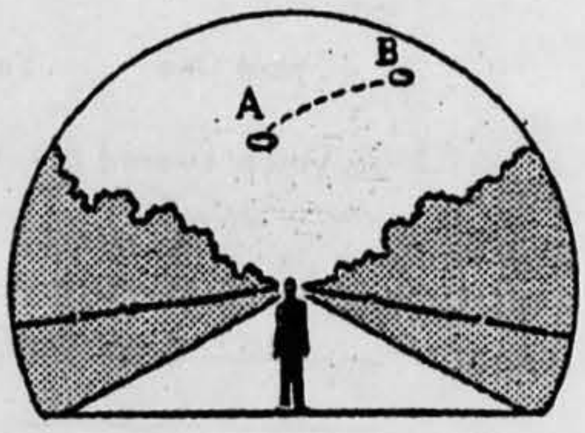
Don't know

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 [redacted] (Last Name) [redacted] (First Name) [redacted] (Middle Name)

ADDRESS [redacted] (Street) Dayton (City) _____ (Zone) Ohio (State)

TELEPHONE NUMBER [redacted]

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?

6	June	1963
Day	Month	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?

Beavercreek - [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	NIGHT
a. Bright	(a. Bright) Clear
b. Cloudy	b. Cloudy

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

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

FORM
FTD JUL 61 164 This form supersedes ATIC 164, Feb 60, which is obsolete.

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 _____

DATE _____

(Do Not Write in This Space)
CODE:

I looked up 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 to 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 09.46 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

DAYTON, OHIO EST

AT 03.47 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, 99 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 01.43 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, 69 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

3. DATE-TIME GROUP
Local _____
GMT 14/0200Z

4. TYPE OF OBSERVATION
☒ 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
f our

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.

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

ATIC FORM 329 (REV 26 SEP 52)

202

17 14/0200

See Report - Not This One -
Blue Book 12201 - 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 (Day) JUNE (Month) 1963 (Year)

2. Time of day: 9 (Hour) 00-05 (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 (Nearest Postal Address) DAYTON (City or Town) OHIO (State or Country)

Additional remarks: _____

5. How long was object in sight? 0 (Hours) 20-25 (Minutes) _____ (Seconds)

5.1 How was time in sight determined?

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

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	a. Bright
b. Cloudy	(b. Cloudy) 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

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?

SOME WERE EXTREMELY BRIGHT

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: CLOUDS

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 SOMEWHAT

b. Color COOKED A 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
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)* staring out

a. North
b. Northeast to
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 30 - 35 degrees.
b. From horizon 20 to 45 degrees. (staring 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 northwest - horizon to horizon in 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 Day — JUNE Month — 1963 Year

CAPT [redacted], 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?

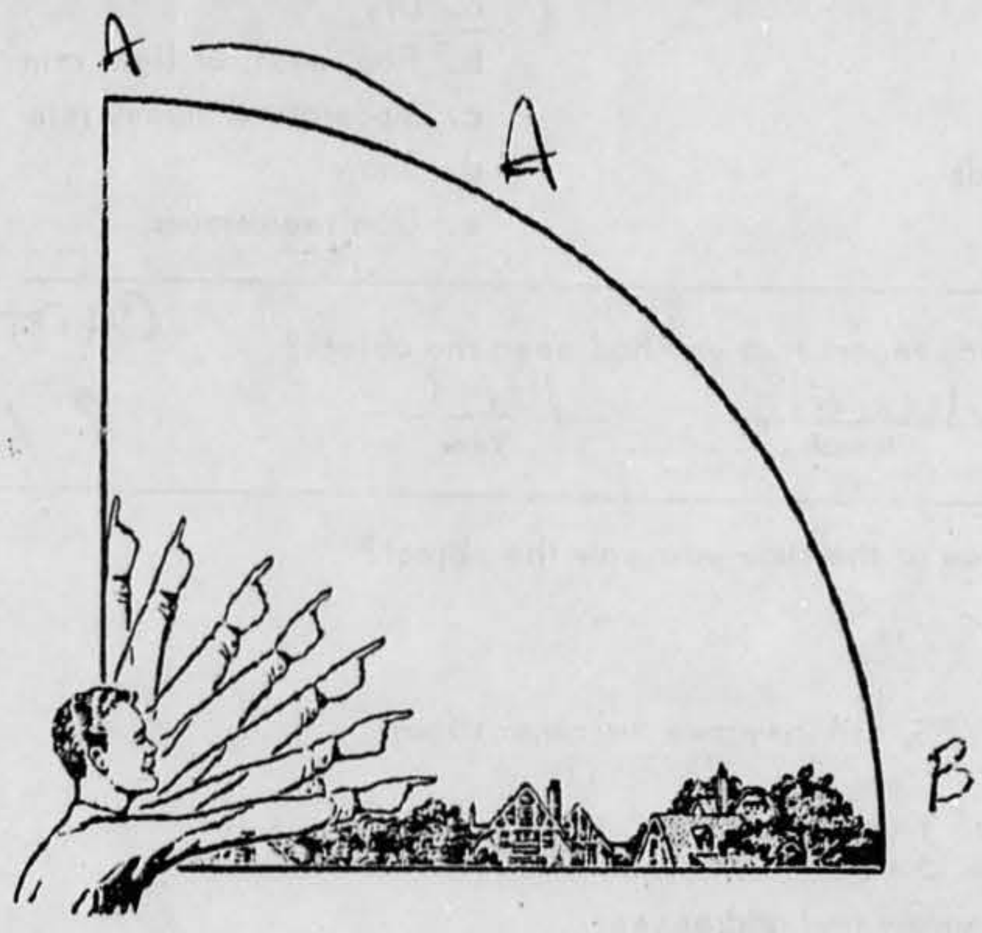
(Circle One) Yes No

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

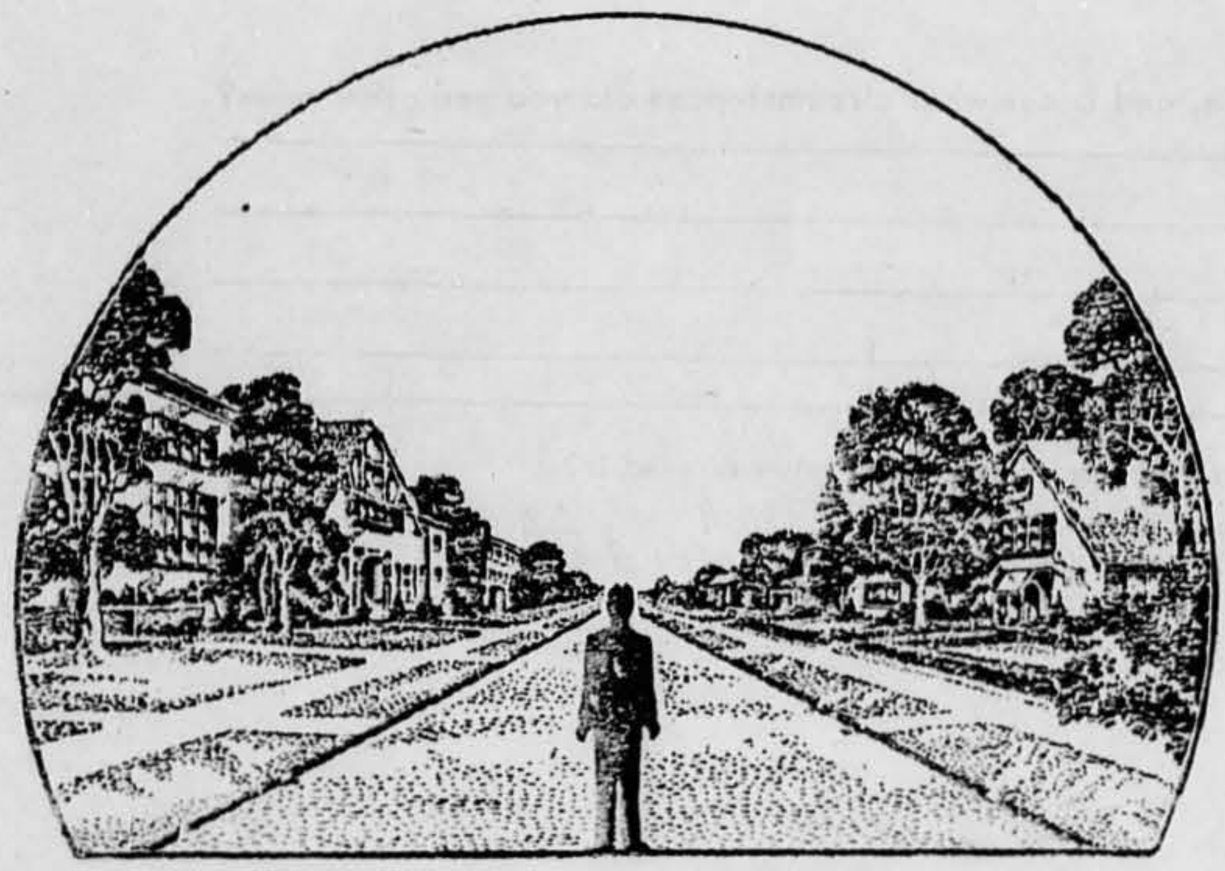
38. In your opinion what do you think the object was and what might have caused it?

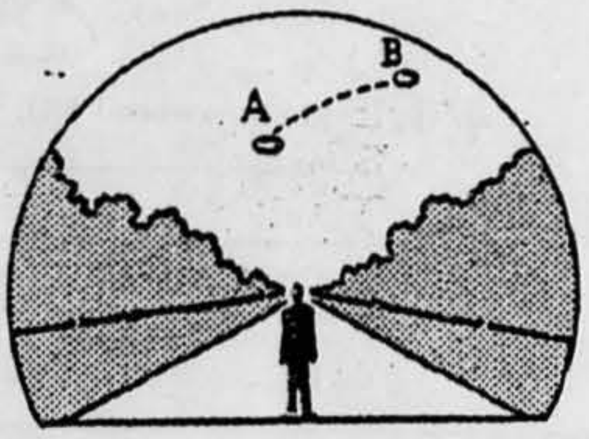
at first thought they were weather balloons

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?

bright as brightest star, ~~the~~ but faded in and out

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? bright and dim	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	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 _____		

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) ____ (Middle Name)

ADDRESS [redacted] North Ave (Street) Dayton (City) 6 (Zone) Ohio (State)

TELEPHONE NUMBER [redacted]

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 apropo, 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

3. DATE-TIME GROUP
Local _____
GMT 17/0245Z

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

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

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.

ATIC FORM 329 (REV 26 SEP 52)

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

[redacted] AV [redacted] 22/6B

UFO REPLIED 23 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 1 FEB 50 95 Replaces DA AGO Form 895, 1 Apr 48, and AFHQ Form 12, 10 Nov 47, which may be used.

e48—16—74087-2 GPO

16 17/0245Z

Eastern 945 PM Nearcity 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 (Day) JUN (Month) 1963 (Year)

2. Time of day: 10 (Hour) 05 (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 (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	NIGHT
a. Bright	(a.) Bright HAZY
b. Cloudy	b. Cloudy

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

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

FTD FORM 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: 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.

OVERHEAD 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
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 ALMOST

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).

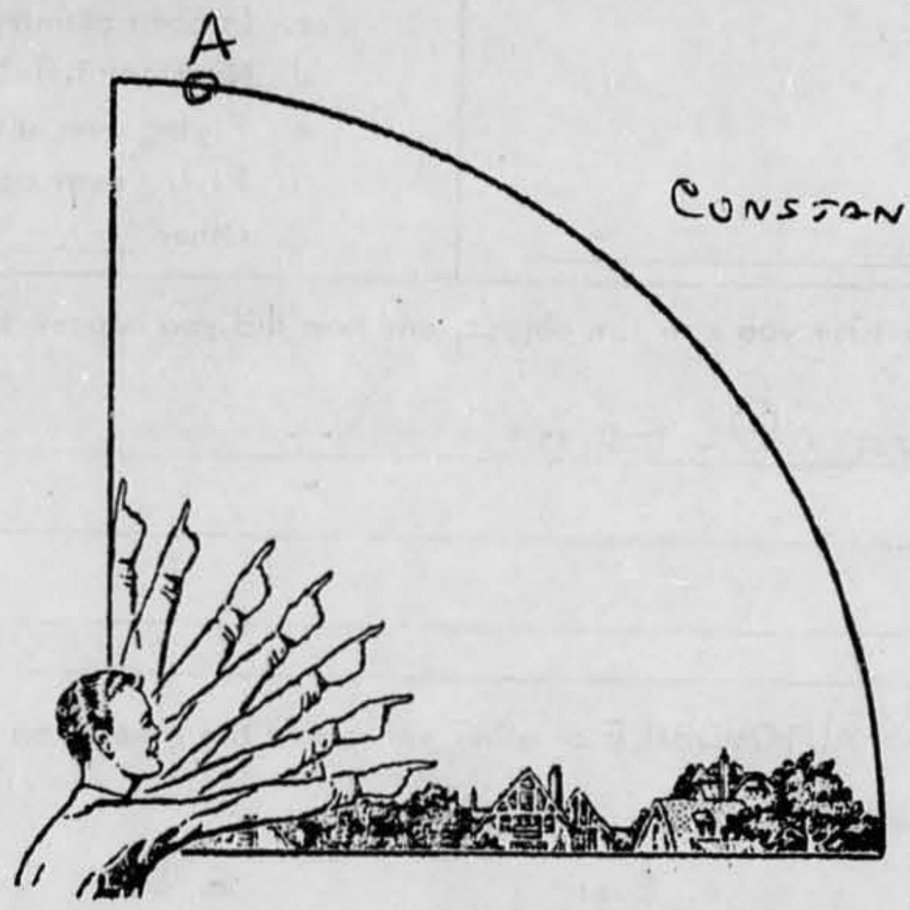
31.1 When it first appeared:

a. From true North_____degrees.
b. From horizon_____ degrees.

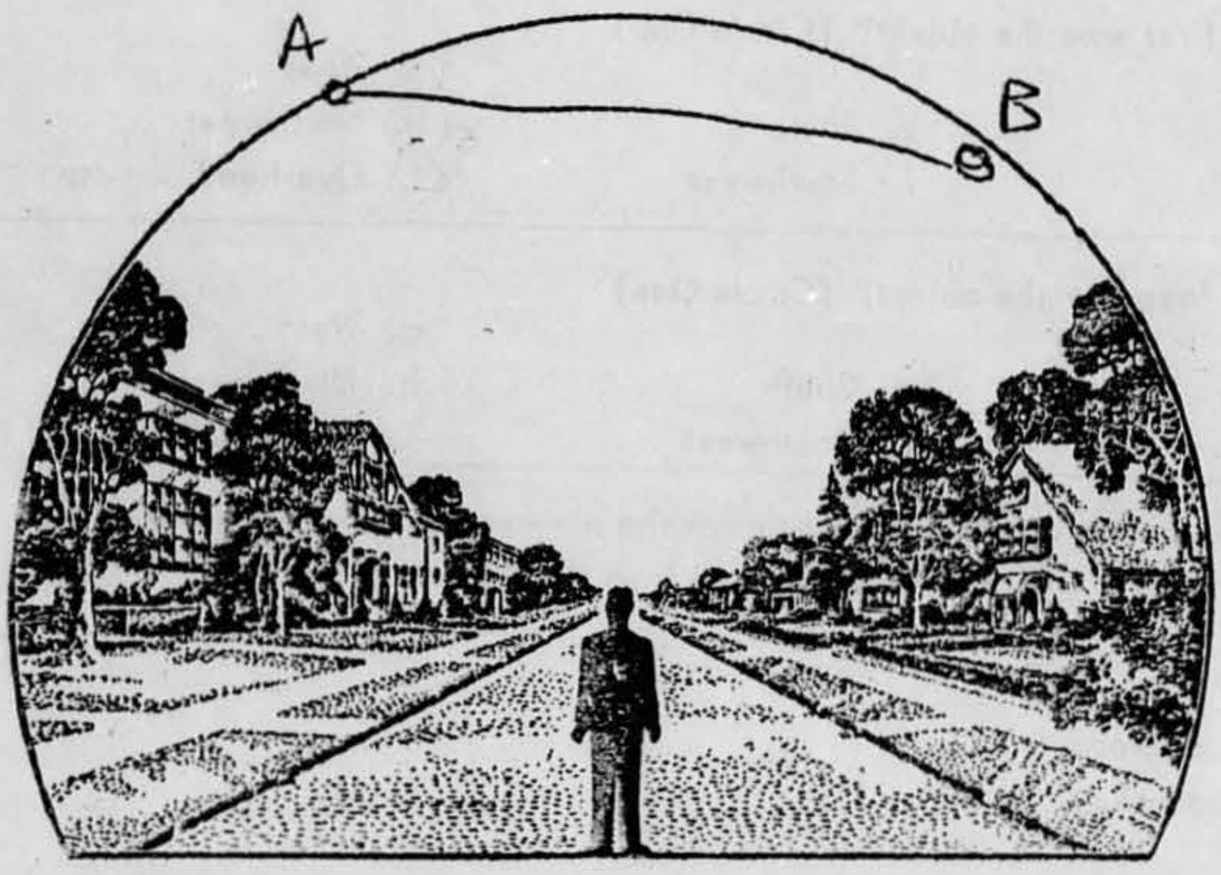
31.2 When it disappeared:

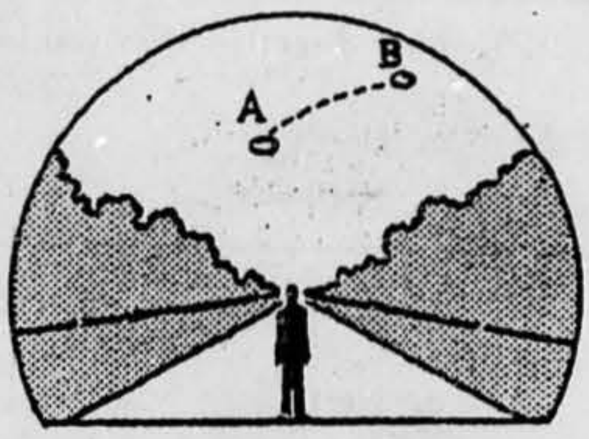
a. From true North_____ degrees.
b. From horizon_____degrees.

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 ALTITUDE

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 [redacted] (Last Name) [redacted] (First Name) [redacted] (Middle Name)

ADDRESS [redacted] AVE (Street) DAYTON (City) 6 (Zone) OHIO (State)

TELEPHONE NUMBER [redacted]

Age 32 Sex M

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

MR [redacted] 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

Robert E Robertson

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? _____

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, BOYFRIED

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

Weds 945 PM N. of City 70° Circle → 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 (Day) JUN (Month) 1963 (Year)

2. Time of day: 10 (Hour) 05 (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	NIGHT
a. Bright	(a.) Bright HAZY
b. Cloudy	b. Cloudy

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

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

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 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
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).

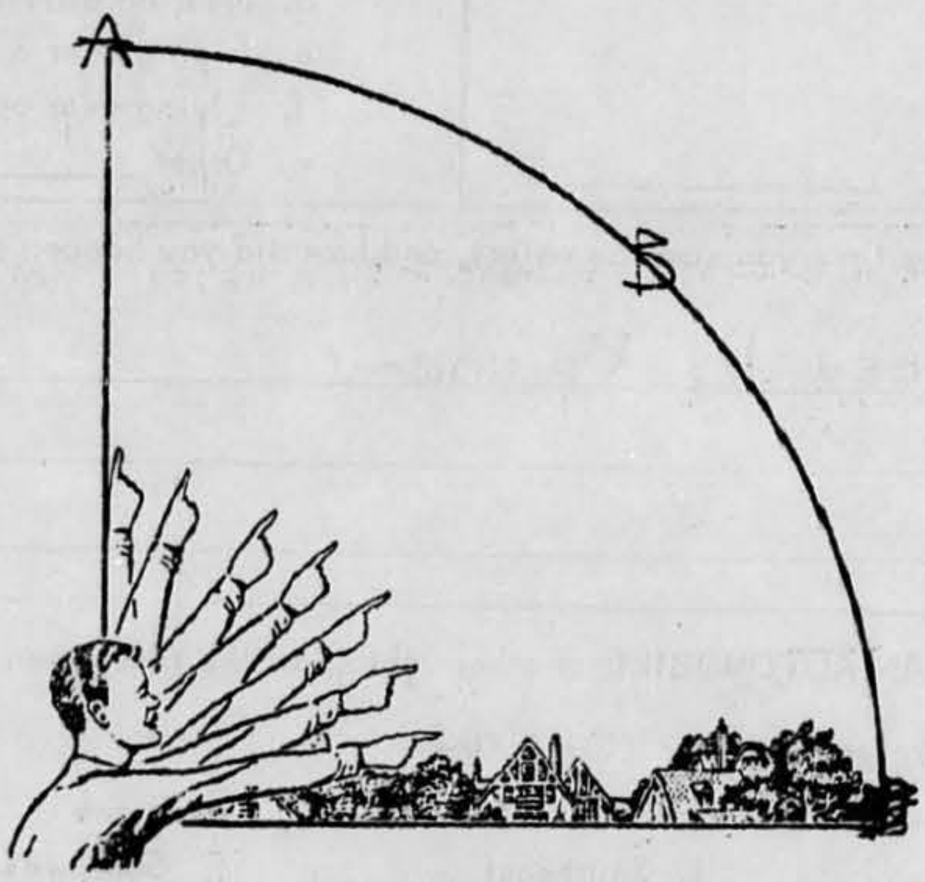
31.1 When it first appeared:

a. From true North_____degrees.
b. From horizon_____ degrees.

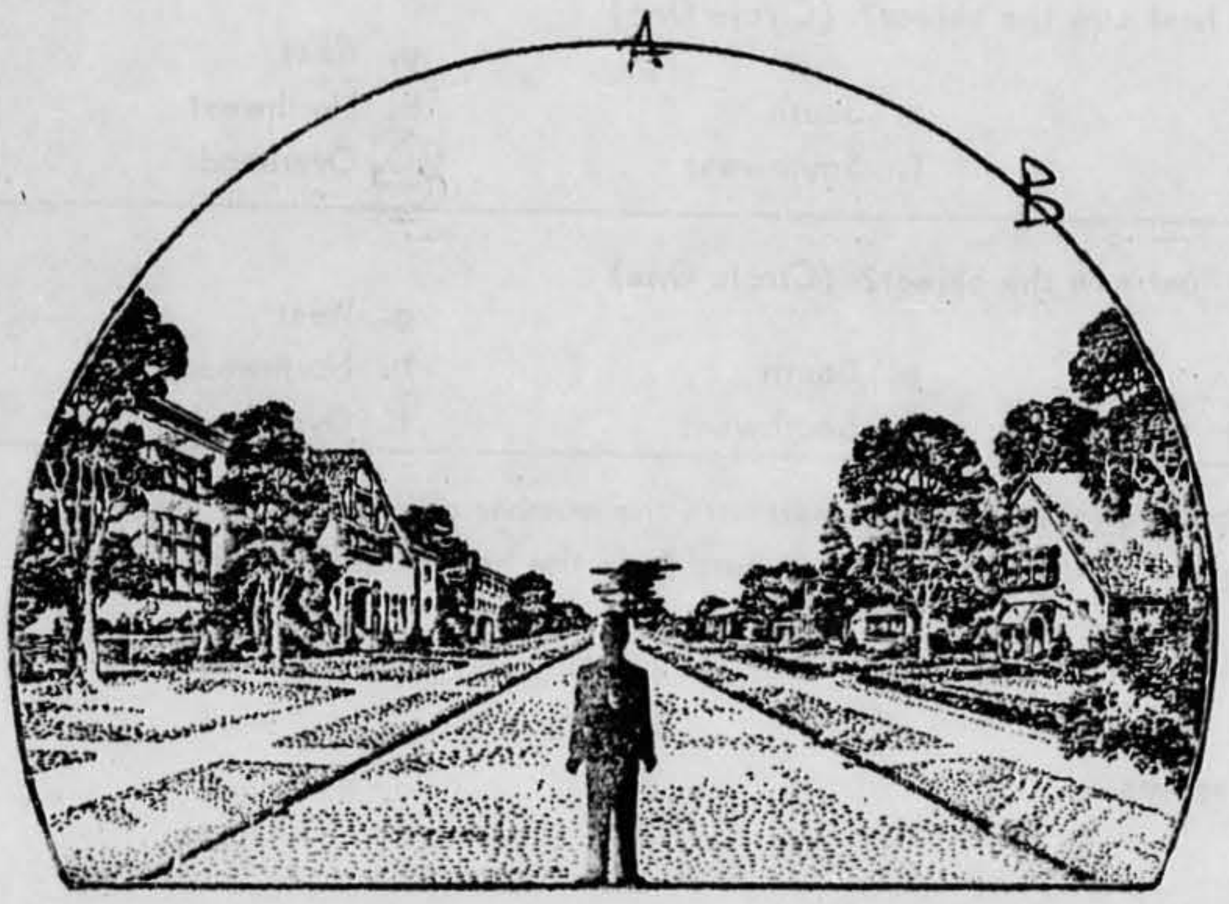
31.2 When it disappeared:

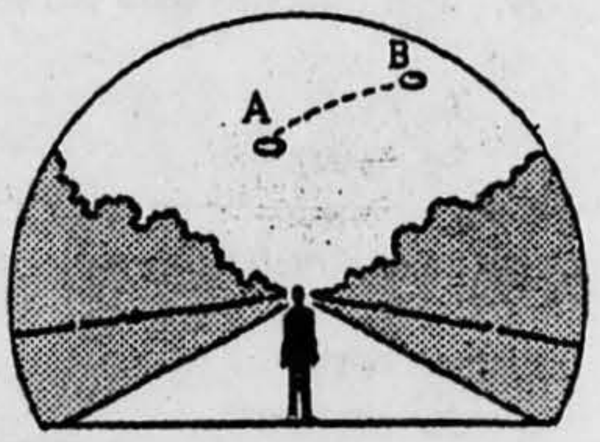
a. From true North_____ degrees.
b. From horizon _____degrees.

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] (Last Name) [redacted] (First Name) [redacted] (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)

By FTD Duty Officer
Robert L Robertson
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 ADDRESS

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, 13 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, 79 DEGREES ABOVE HORIZON MOVING SE
AT 03.56 AM JUNE.17 SOUTH OF CITY, 34 DEGREES ABOVE HORIZON MOVING SE

1 DENVER, COLO. MST

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 09.43 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 00.49 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, 25 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, 78 DEGREES ABOVE HORIZON MOVING SE
AT 01.55 AM JUNE.13 SOUTH OF CITY, 58 DEGREES ABOVE HORIZON MOVING SE
AT 09.42 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 00.48 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 07.33 PM JUNE.14 SOUTH OF CITY, 43 DEGREES ABOVE HORIZON MOVING NE
AT 07.43 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 00.46 AM JUNE.16 NORTH OF CITY, 60 DEGREES ABOVE HORIZON MOVING SE
AT 02.51 AM JUNE.16 SOUTH OF CITY, 58 DEGREES ABOVE HORIZON MOVING SE
AT 09.01 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 10.46 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 00.53 AM JUNE.11 NORTH OF CITY, 52 DEGREES ABOVE HORIZON MOVING SE

COLUMBUS OHIO.

DAYTON SCHEDULE W/CASE 13 JUNE 63

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
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 _____ degrees.
b. From horizon _____ degrees.

not familiar with degrees as related to direction

31.2 When it disappeared:

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

PROJECT 10073 RECORD CARD

1. DATE

Lt 17 June 1963

2. LOCATION

Dayton, Ohio

3. DATE-TIME GROUP

Local _____

GMT 18/01457Z

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

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

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.

ATIC FORM 329 (REV 26 SEP 52)

17 18/0145Z

Ecret 846 PM
86° CTV 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 (Day) JUNE (Month) 1963 (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, OHIO (City or Town) _____ (State or Country)

Additional remarks: _____

5. How long was object in sight? 0 (Hours) 10 (Minutes) — (Seconds)

5.1 How was time in sight determined?

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

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a.) Bright
b. Cloudy	b. Cloudy

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

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

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 SOUTH WEST 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)* N/A

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).

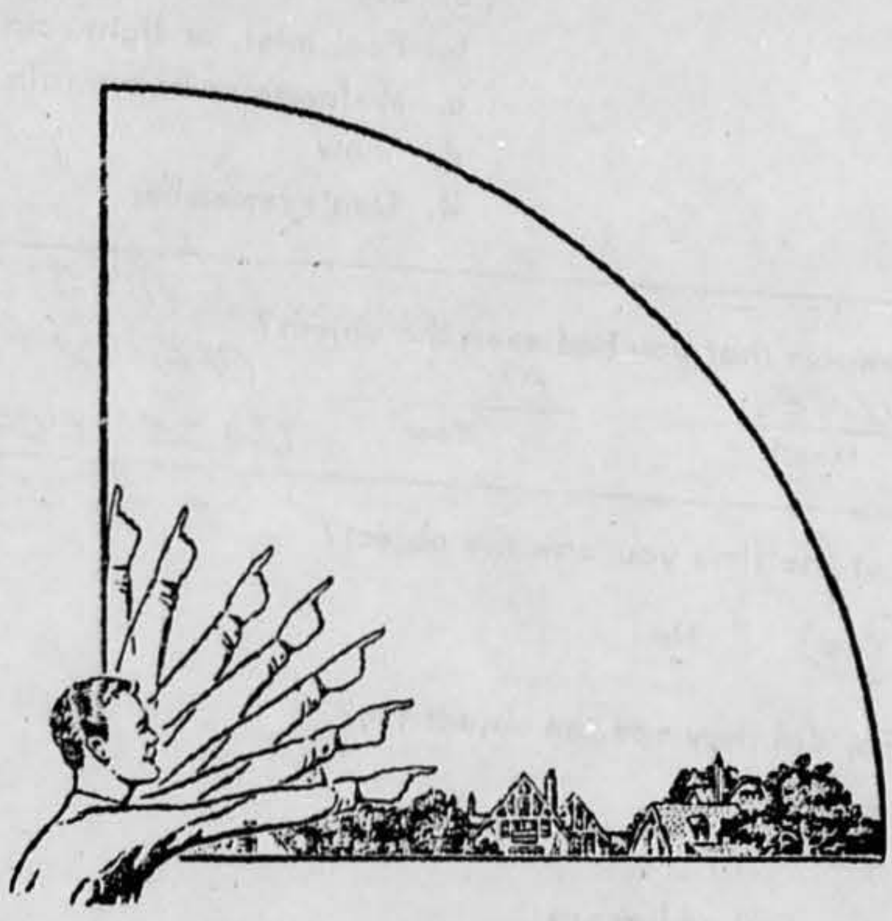
31.1 When it first appeared: N/A

a. From true North_____degrees.
b. From horizon_____ degrees.

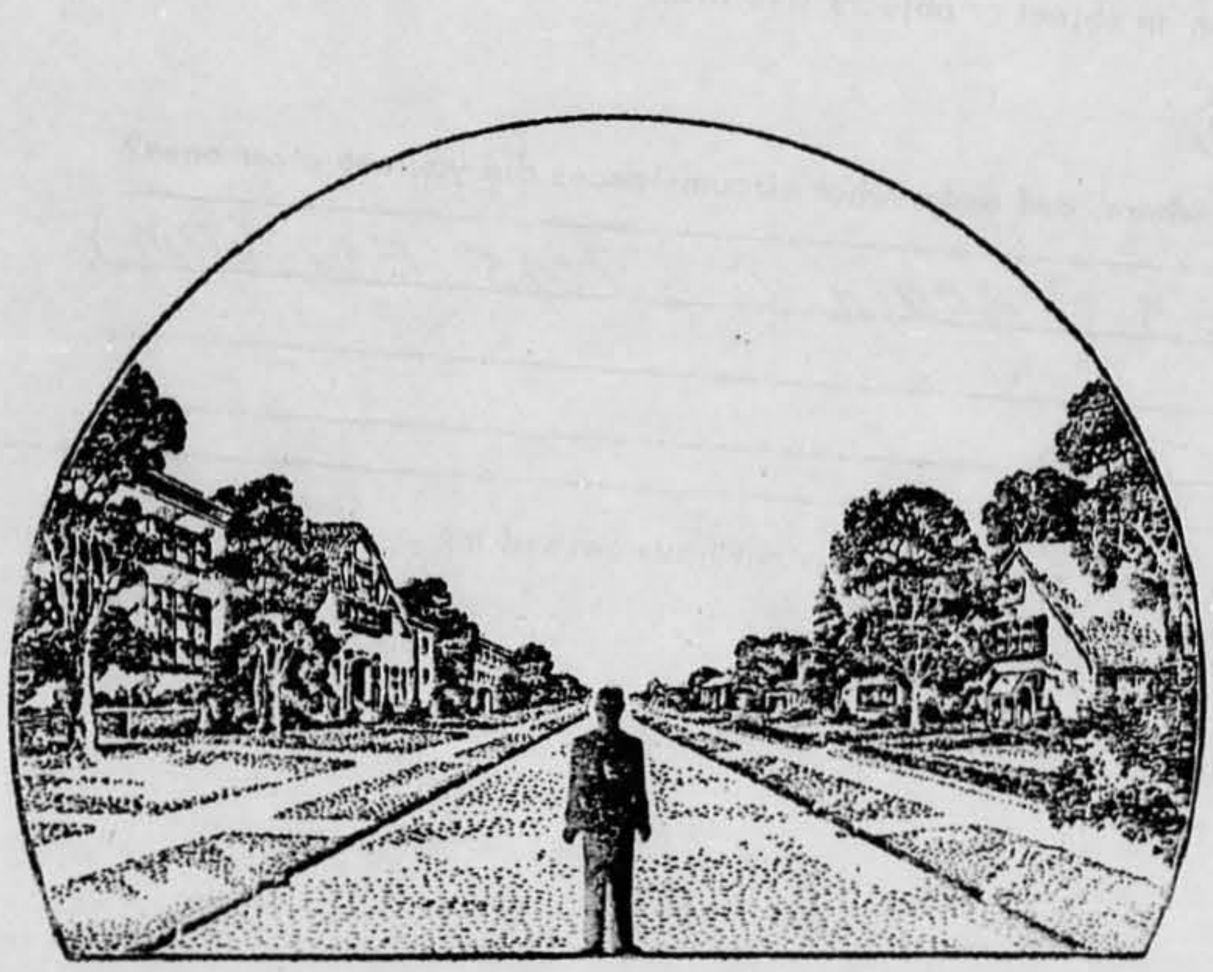
31.2 When it disappeared:

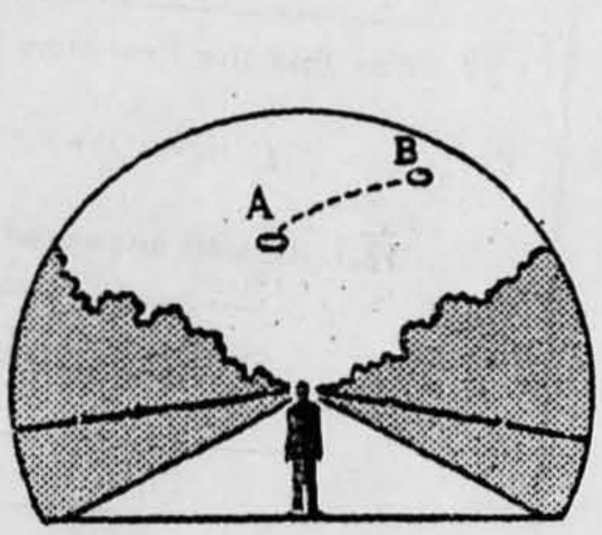
a. From true North_____ degrees.
b. From horizon_____degrees.

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.





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? MAJ TRAM

17 (Day) JUNE (Month) 1963 (Year) 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:

?

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 E.S.T. (PM)

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

ECHO SATTELITE

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 _____

DATE /

(Do Not Write in This Space)
CODE:

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 [redacted] (Last Name) [redacted] (First Name) [redacted] (Middle Name)

ADDRESS [redacted] (Street) DAYTON (City) _____ (Zone) OHIO (State)

TELEPHONE NUMBER [redacted]

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. [redacted].

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 or 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, 05 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

1 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, 79 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

2 DAYTON, OHIO EST

AT 08.46 PM JUNE.17 NORTH OF CITY, 84 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

3. DATE-TIME GROUP
Local _____
GMT 18/0255Z

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

12. CONCLUSIONS
☐ Was Balloon
☐ Probably Balloon
☐ Possibly Balloon
☐ Was Aircraft
☐ Probably Aircraft
☐ Possibly Aircraft
☐ Was Astronomical
☐ Probably Astronomical
☐ Possibly Astronomical
☒ Other Satellite ECHO 1
☐ Insufficient Data for Evaluation
☐ Unknown

10. BRIEF SUMMARY OF SIGHTING

Round shaped object moving NE observed in erractic 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.

ATIC FORM 329 (REV 26 SEP 52)

18/0255Z

ECHO 17 June 1063 P/M. N of Cuba, 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?

[redacted] Dayton Ohio
Nearest Postal Address City or Town 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 certain
c. Not very sure
d. Just a guess

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	(a.) Bright Few Clouds
b. Cloudy	b. Cloudy

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

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

FTD FORM 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 Bark

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.

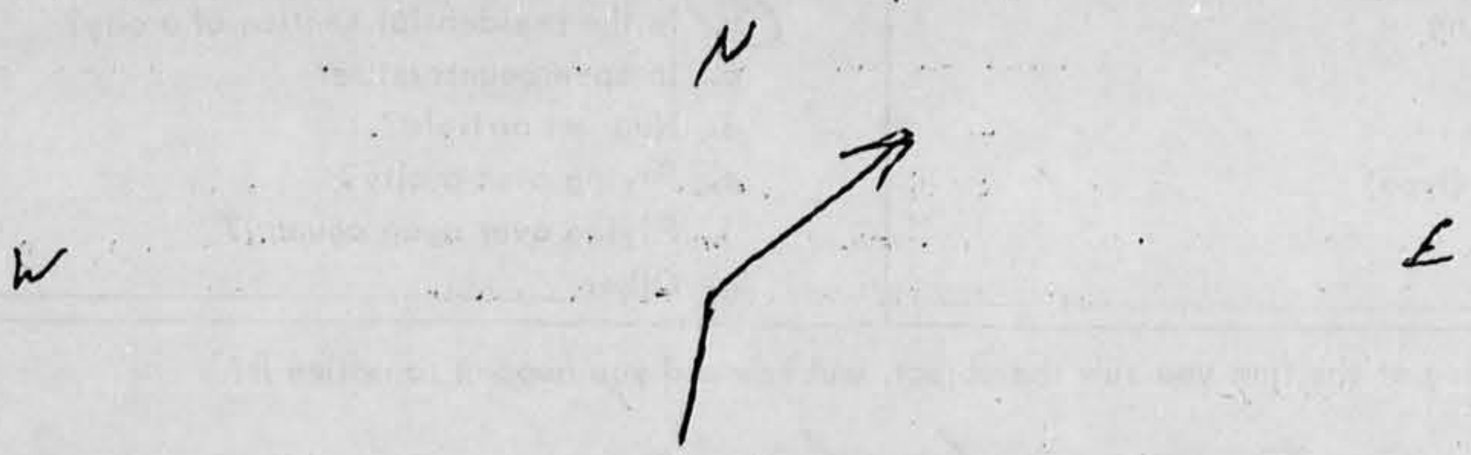
Moving N.E., shape-round

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
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).

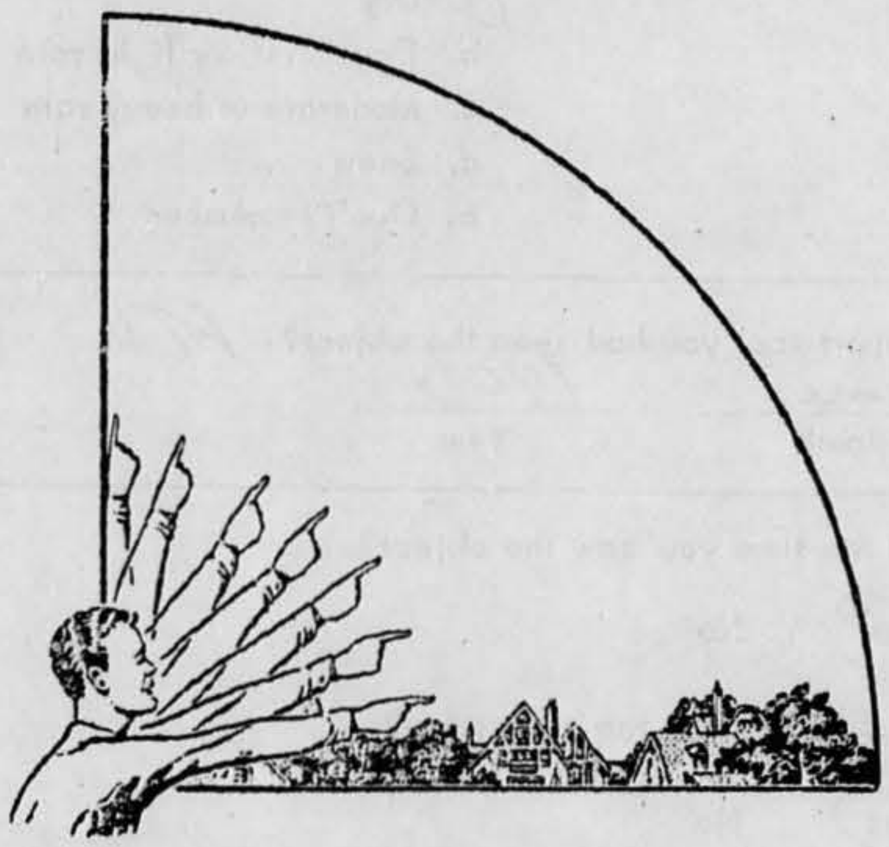
31.1 When it first appeared:

a. From true North 270 degrees.
b. From horizon 2 degrees. 100 ft AGL ground

31.2 When it disappeared:

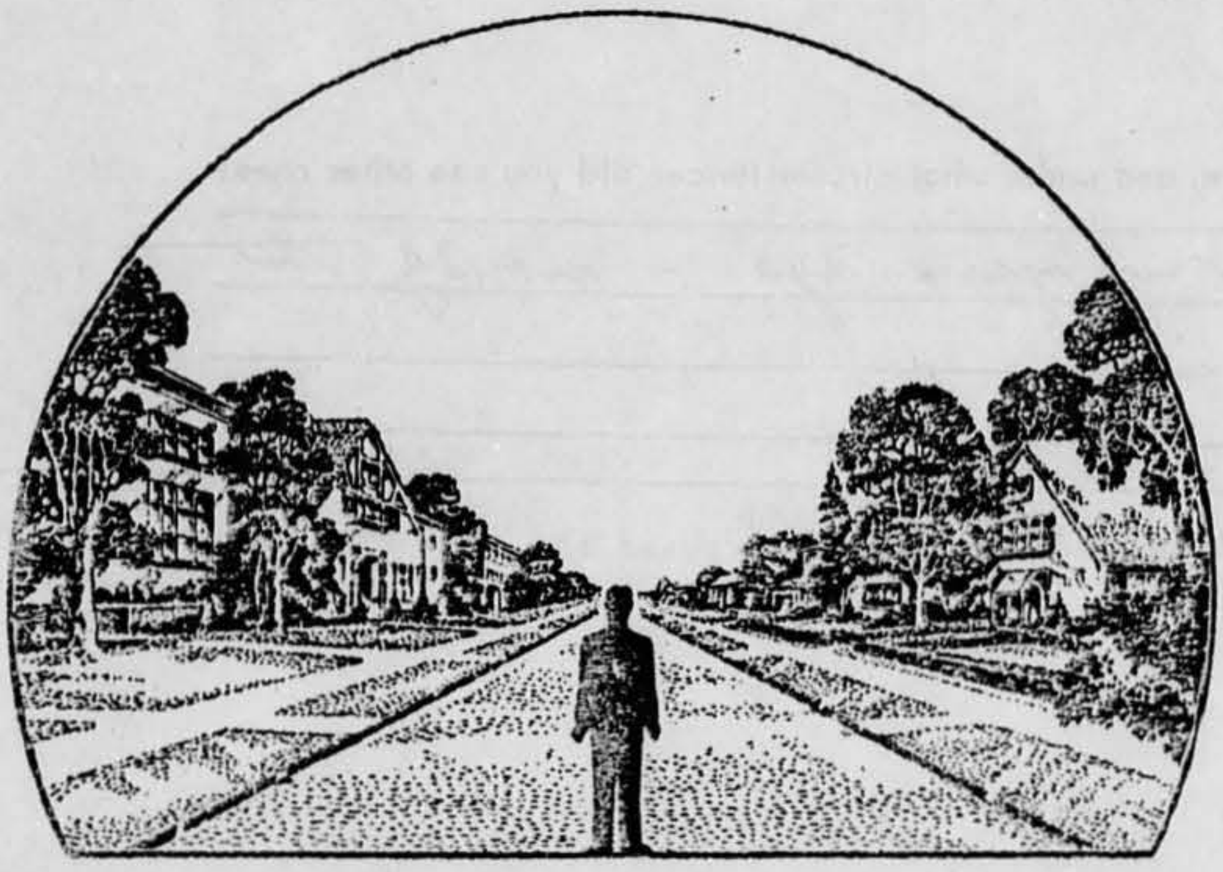
a. From true North 045 degrees.
b. From horizon _____ degrees. disappeared below bldgs.

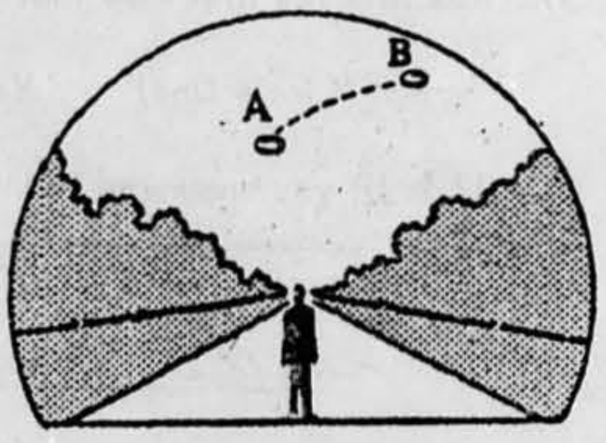
32. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the *same* curved line to show how high the object was above the horizon (skyline) when you *last* saw it.



appeared 100 feet

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? FTD DUTY OFF.

18 (Day) June (Month) 1963 (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: 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 also.

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

SATELLITE 1960 IOTA 1
FOR OTHER LATITUDES

	EQUATOR S-N TIME (UT)	LONG. (W)	LAT.	SOUTH-NORTH TIME CORR.	LONG. CORR.	HT. (MI)	BEAR. (N-E)	NORTH-SOUTH TIME CORR.	LONG. CORR.	HT. (MI)	BEAR. (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	-104.58	1135	107.7°
5	17.2	180.14	40.0	18.9	-45.65	969	60.7°	38.9	-119.73	1158	119.4°
7	12.3	209.24	35.0	15.7	-36.05	925	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	1159	136.5°
12	57.4	296.58	0.	0.	0.	720	40.0°	60.3	-164.15	1083	140.2°
14	52.5	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	23.88	-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°	-39.0	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	58.1	285.84	0.	0.	0.	708	40.0°	60.1	-164.78	1095	140.2°
13	53.2	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	42.22	-40.0	-17.6	45.99	667	60.8°	-35.0	120.71	845	119.3°
21	33.4	71.30	-45.0	-21.3	61.33	692	72.4°	-31.0	105.43	793	107.6°
23	28.4	100.37	-47.4	-26.1	83.38	736	90.0°	-26.1	83.41	736	90.0°
JUNE 18, 1963											
1	29.5	129.67	47.4	28.4	-82.81	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	18.8	-45.71	939	60.7°	38.5	-119.82	1152	119.4°
7	8.6	216.84	35.0	15.6	-36.10	894	54.0°	41.9	-129.35	1166	126.1°
9	3.7	245.89	30.0	12.9	-28.76	855	49.4°	44.9	-136.60	1172	130.7°
10	58.7	274.89	20.0	8.3	-17.44	790	43.7°	50.3	-147.75	1166	136.5°
12	53.8	303.90	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	-12.4	28.91	650	49.5°	-40.8	137.65	939	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	83.38	745	90.0°	-26.1	83.42	745	90.0°
JUNE 19, 1963											
0	24.0	118.82	47.4	28.2	-82.85	1055	90.0°	28.2	-82.88	1056	90.0°
2	19.1	147.92	45.0	22.8	-60.97	985	72.3°	33.8	-104.72	1114	107.7°
4	14.1	177.02	40.0	18.5	-45.74	924	60.7°	38.3	-119.87	1146	119.4°
6	9.2	206.13	35.0	15.5	-36.12	878	54.0°	41.8	-129.40	1165	126.1°
8	4.2	235.23	30.0	12.8	-28.78	840	49.4°	44.7	-136.65	1173	130.7°
9	59.2	264.33	20.0	8.2	-17.45	775	43.8°	50.1	-147.79	1171	136.5°
11	54.3	293.44	0.	0.	0.	686	40.0°	59.8	-164.86	1120	140.2°
13	49.3	322.54	-20.0	-8.0	17.51	644	43.8°	-45.8	148.87	1019	136.4°
15	44.4	351.64	-30.0	-12.4	28.92	648	49.5°	-40.9	137.63	954	130.6°
17	39.4	20.74	-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	83.38	754	90.0°	-26.1	83.42	754	90.0°

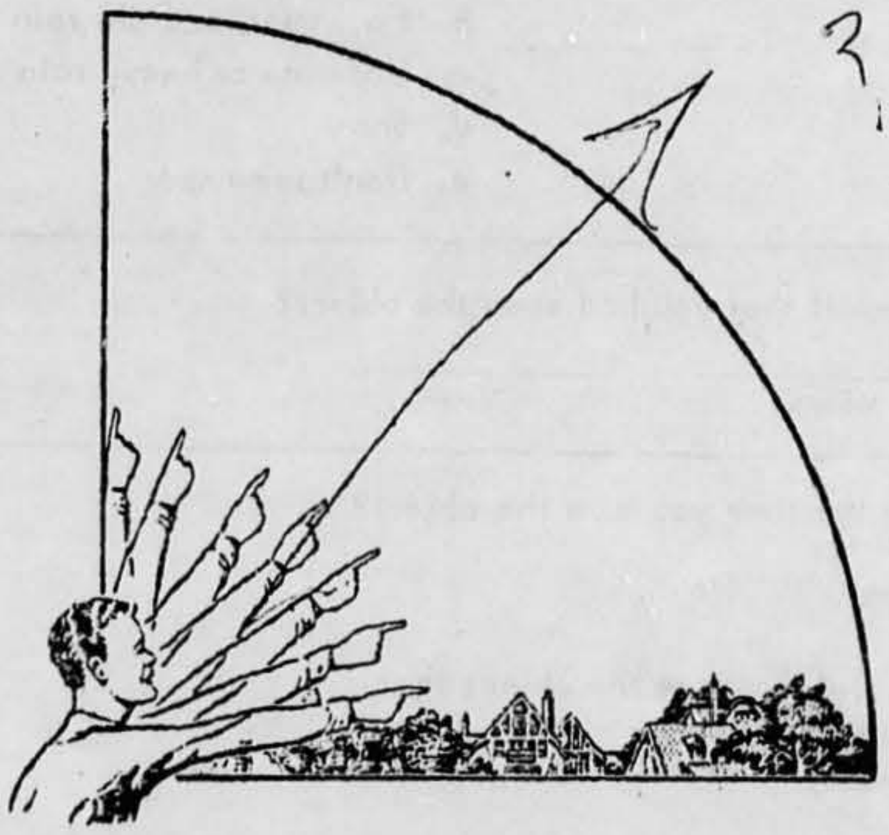
SATELLITE 1960 IOTA 1
FOR OTHER LATITUDES

	EQUATOR S-N TIME (UT)	LONG. (W)	LAT.	SOUTH-NORTH TIME CORR.	LONG. CORR.	HT. (MI)	BEAR. (N-E)	NORTH-SOUTH TIME CORR.	LONG. CORR.	HT. (MI)	BEAR. (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	658	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	49.5°	44.3	-136.76	1171	130.7°
9	55.2	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	12.6	-28.84	791	49.5°	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	140.3°
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°

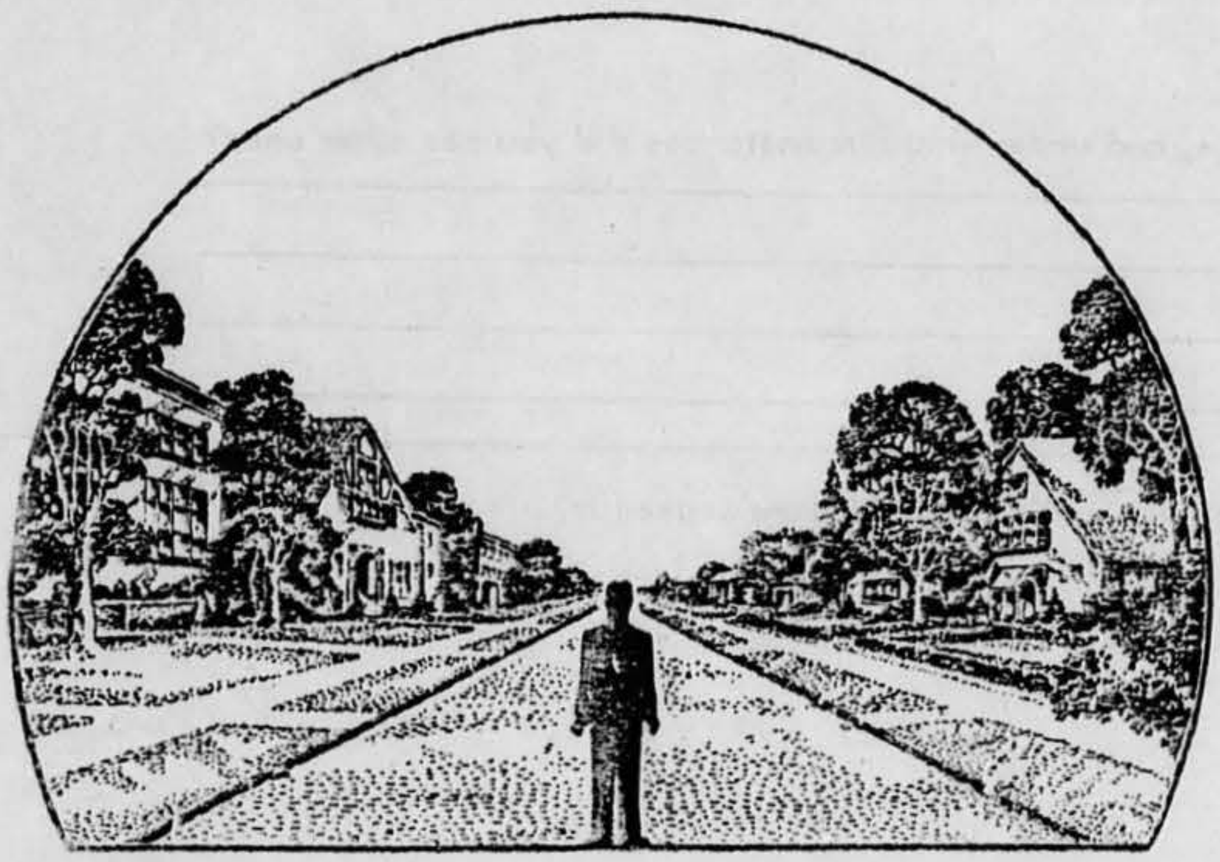
ORBITAL ELEMENTS FOR EARTH SATELLITE 1960 IOTA 1

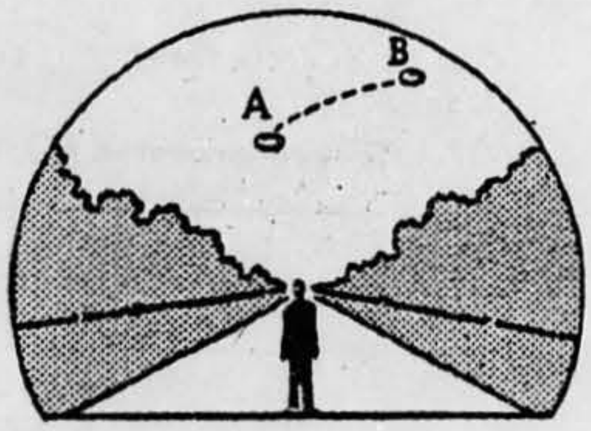
REFERENCE TIME 1963 Y 6 M 6 D 1 H 17.66 M UT
INCLINATION 47.24 DEG.
ASCENDING NODE (LONG.) 85.26 DEG. WEST
PRIME SWEEP INTERVAL ONE DAY -16.93 MIN.
ARGUMENT OF PERIGEE 288.04 DEG.
RATE OF CHANGE 0.27099 DEG. PER PERIOD
ANOMALISTIC PERIOD 115.167 MIN.
RATE OF CHANGE -0.00046 MIN. PER PERIOD
ECCENTRICITY 0.04747
RADIUS OF PERIGEE 4641.1 MILES
RADIUS OF APOGEE 5103.7 MILES
RATE OF CHANGE -0.32 MILES PER DAY
ASCENDING NODE (R.A.) 189.89 DEG.
RATE OF CHANGE -3.29820 DEG. PER DAY
LATITUDE OF PERIGEE -44.27 DEG.
READ-IN EXPECTED MAG. +1

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 [redacted] (Last Name) [redacted] (First Name) [redacted] (Middle Name)

ADDRESS [redacted] (Street) Dayton (City) _____ (Zone) Ohio (State)

TELEPHONE NUMBER [redacted]

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	2. LOCATION	12. CONCLUSIONS
24 June 1963	Dayton, Ohio	☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local 2150 GMT 25/0250Z	**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	**8. NUMBER OF OBJECTS** / **9. COURSE**	☒ Other Satellite(Echo I) ☐ Insufficient Data for Evaluation ☐ Unknown
5 minutes	one / 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 t trees after 5 minute observation.

11. COMMENTS

At 9:44 PM Echo was North of Dayton at 67 dgr elevation moving SE. Satellite observation.

ATIC FORM 329 (REV 26 SEP 52)

25 26/0150Z

ECHO GROUP North 67° ELEV — SE

CALLED TIME DURING ANOTHER SIGHTING

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 (Day) JUN (Month) 63 (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) 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	NIGHT
a. Bright	(a.) Bright
b. Cloudy	b. Cloudy

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

N/A

(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 (BRIGHT) 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 NE. (7)

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 Polo

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

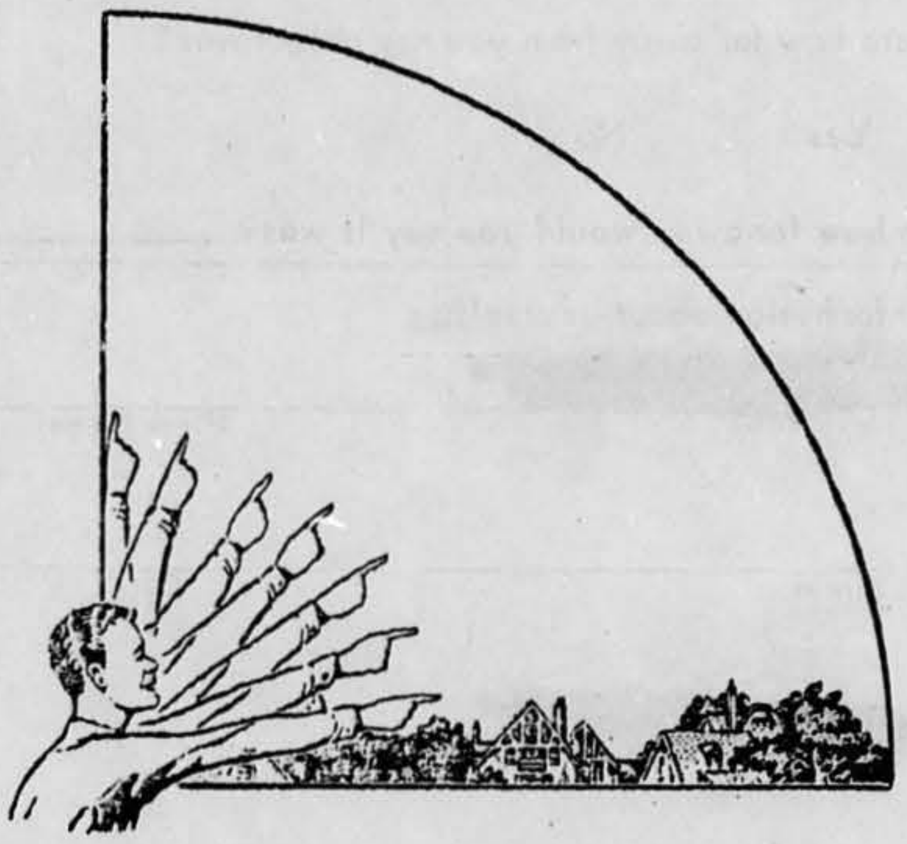
31.1 When it first appeared:

a. From true North_____degrees.
b. From horizon 60 degrees.

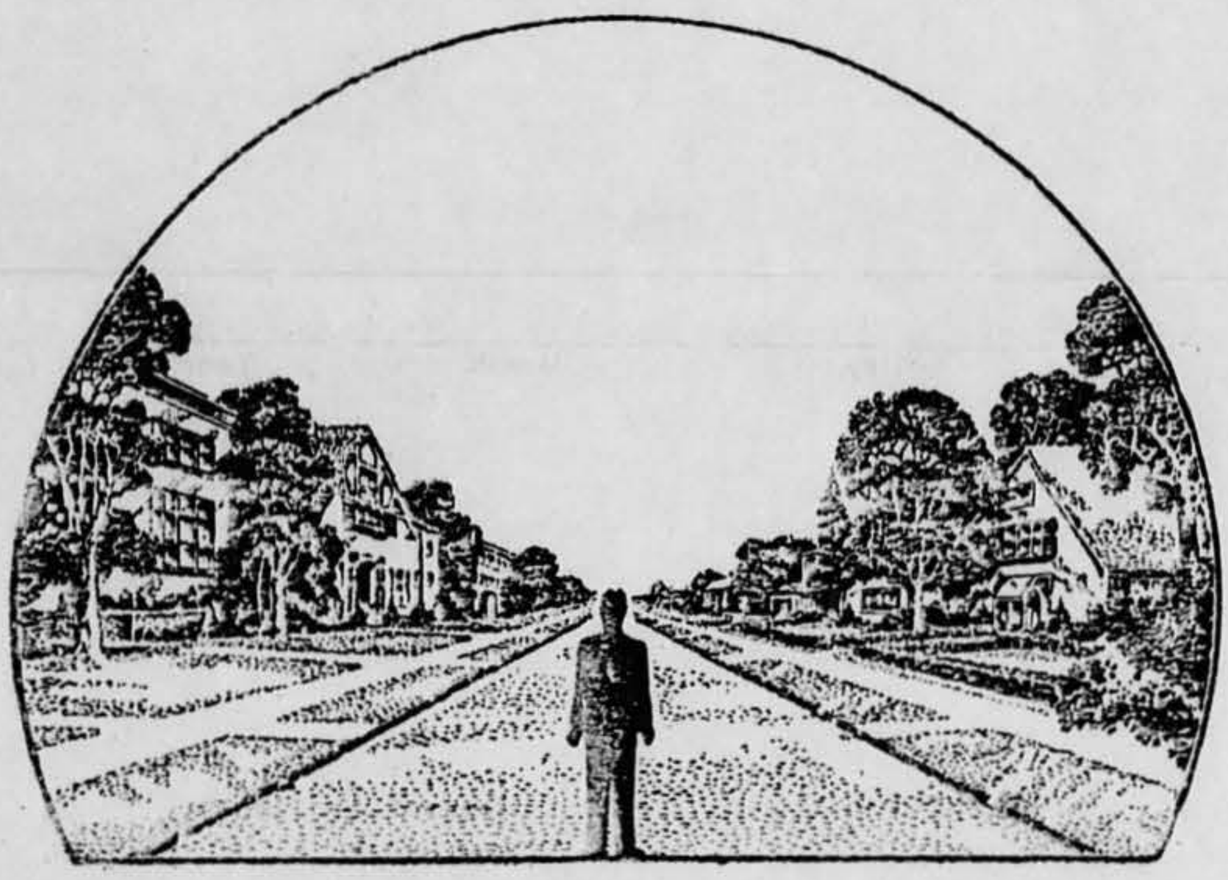
31.2 When it disappeared:

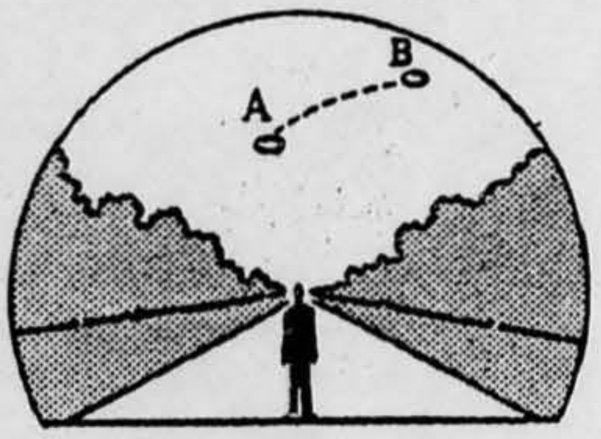
a. From true North_____degrees.
b. From horizon 30 degrees.

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? ~40 MPH

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 _____ (Street) _____ (City) _____ (Zone) _____ (State)

TELEPHONE NUMBER [redacted]

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:

[redacted] - [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?

ECHO SATELLITES

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:

Fiancee

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

DAYTON 24 Jun 67

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 01.53 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 10.48 PM JUNE.19 NORTH OF CITY, 55 DEGREES ABOVE HORIZON MOVING SE
AT 00.51 AM JUNE.20 NORTH OF CITY, 75 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 10.47 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 09.55 PM JUNE.22 NORTH OF CITY, 54 DEGREES ABOVE HORIZON MOVING NE
AT 11.48 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

L DENVER, COLO. MST

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, 88 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 11.43 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

3. DATE-TIME GROUP
Local 2250
GMT 30/0350Z

4. TYPE OF OBSERVATION
XX ☒ Ground-Visual ☐ Ground-Radar
☐ Air-Visual ☐ Air-Intercept Radar

5. PHOTOS
☐ Yes
XX ☒ No

6. SOURCE
Civilian

7. LENGTH OF OBSERVATION
4 minutes

8. NUMBER OF OBJECTS
one

9. COURSE
SE

12. CONCLUSIONS
☐ Was Balloon
☐ Probably Balloon
☐ Possibly Balloon
☐ Was Aircraft
☐ Probably Aircraft
☐ Possibly Aircraft
☐ Was Astronomical
☐ Probably Astronomical
☐ Possibly Astronomical
XX ☒ Other Satellite ECHO I
☐ Insufficient Data for Evaluation
☐ Unknown

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.

(940 PM Echo over Dayton 1440 local E.S.T. ——)
ONE HOUR ERROR IN TIME OF REPORT. ——

ATIC FORM 329 (REV 26 SEP 52)

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 (Day) JUNE (Month) 63 (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	NIGHT
a. Bright	a. Bright
b. Cloudy	b. Cloudy

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

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

FTD FORM 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?

about like bright star

11. Did the object: probably an aircraft *(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? glow	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?

Laying 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
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 } ESE
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 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 (Day) JUNE (Month) 63 (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:

[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?

Have seen some of the satteliles

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

Probably a sattelite — dissappeard abruptly as though passing into earth's shadow

39. Do you think you can estimate the speed of the object? passed thru 45° angle in about 4 minutes

(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] (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 (City) Dayton (Zone) _____ (State) Ohio

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

Ca[illegible]. Cedar Rapids, Nebraska, [illegible] 1963, Tom Huppracht saw a pouch-shaped UFO that pulsated. Time-8:15 p.m. D[illegible]tion-about 3 minutes. After this time, the ob[illegible]

No Case (Information Only)

Source: FSIC (July 1963)

23 June 1963
Medina, Ohio

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.

Information Only
Cource: APRO Bulletin, November 1963

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 obect with the same exact colors and light relationship but flying much higher. They heard no sound. All three reported the obect 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 use watched it for about five minutes," Henderson said, "and the main reason we did so was the lare 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

DATE	LOCATION	OBSERVER	EVALUATION
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)

DATE	LOCATION	SOURCE	EVALUATION
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	" "	