

PROJECT 10073 RECORD CARD

1. DATE 11 June 1963		2. LOCATION 25.83N 89.56W (Gulf of Mexico)		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other Satellite(Possible) ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 11/0650Z		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 min		8. NUMBER OF OBJECTS one		9. COURSE SE	
10. BRIEF SUMMARY OF SIGHTING Report of Satellite sighting from M.V. Box Hill, a British vessel employed by the United Fruit Co.				11. COMMENTS Not ECHO I. Echo crossed over Pacific Ocean at 0622Z crossing equator at 175.30W. Object reported as a Satellite, not a UFO. Mag 2.0. Possibly 1963 B Theta L.	

UNITED STATES GOVERNMENT

Memorandum

TO : J. S. Lacey, OPI
NASA, Greenbelt

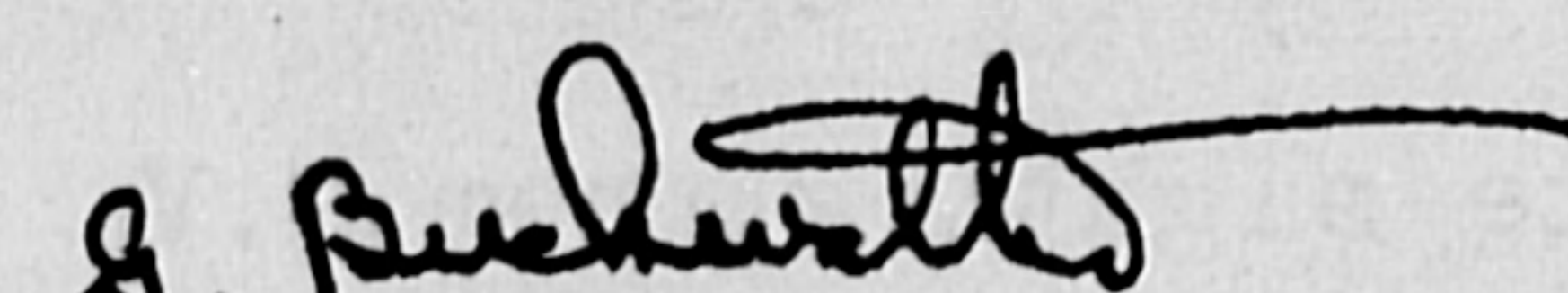
DATE: 26 June 1963

FROM : U.S. Naval Oceanographic Office
Code 5511:JCW

SUBJECT: Nautical Information; forwarding of

Encl: (1) Ship Visit Report from ~~XXXXXXXXXX~~ dtd 11 June 1963

1. Enclosure (1) forwarded for your information.


G. BUCKWALTER

11 JUNE

UNITED STATES GOVERNMENT

Memorandum

TO : Technical Intelligence Center
U. S. Air Force, CAFCIN-4E2X
Wright Patterson AFB, Ohio

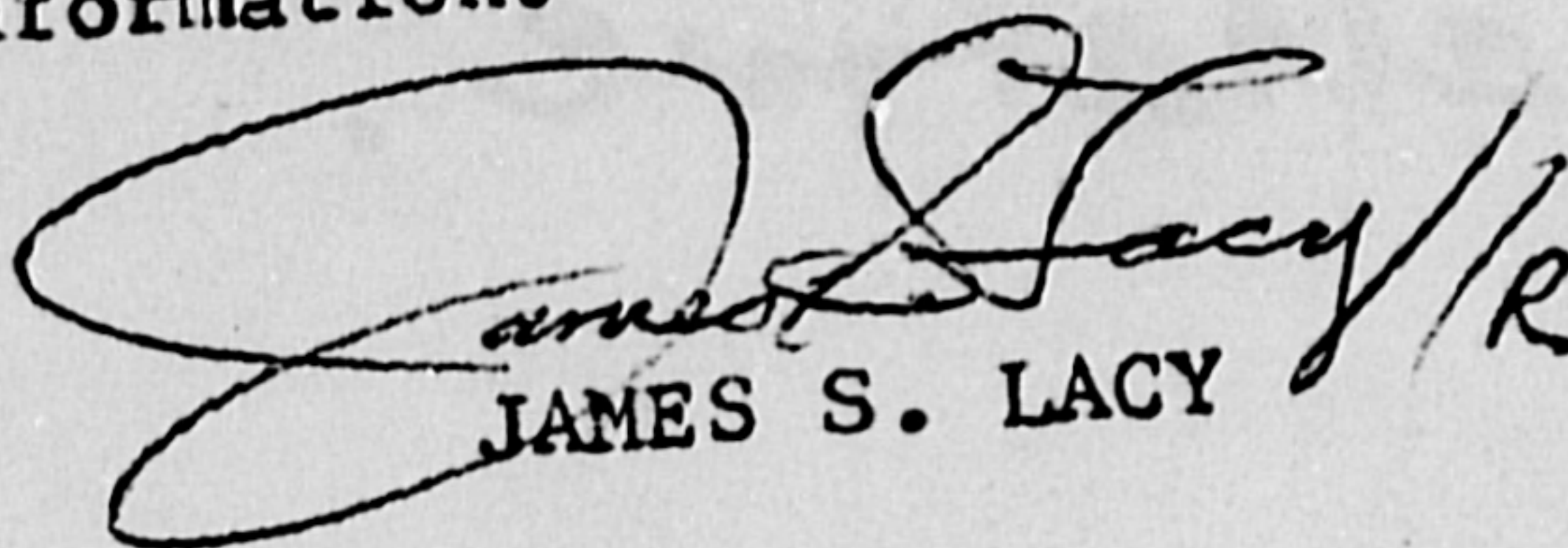
DATE: July 2, 1963

FROM : James S. Lacy, Code 202
OPI, NASA Goddard Space Flight Center

SUBJECT: Enclosed Nautical Information; forwarding of

Encl: (1) Ship Visit Report from M. [REDACTED] Hill dtd 11 June 1963
(2) Memo from G. Buckwalter dtd 26 June 1963

Enclosures forwarded for your information.


JAMES S. LACY

This case includes two (2) photocopied
pages of narrative.

Enclosure (1)

PRNC-NMO-3506 1 (Rev. 9-40) (Back)

MARINE DATA REPORT

Please type or print clearly

NAME OF SHIP m.v. Box Hill		NATIONALITY British	DATE OF REPORT 11th June 1963
MASTER OR COMMANDING OFFICER K.J. Leslie		OBSERVER (Name and Rank) [Redacted] 2nd Mate	
SHIPPING ADDRESS (If 5 Agree's address for non-U.S. ships) United Fruit Company, Pier 3, North River, New York			
SHIP TYPE ☐ PASSENGER ☐ CARGO ☐ COAST GUARD ☒ TANKER ☐ OTHER (Specify)			
GROSS TONS 2983.24	LENGTH (Feet) 343' 6"	BREADTH (Feet) 45'	DEEPEST DRAFT (Feet) when loaded to marks 21' 5"

Instructions for Reporting Observer

This form is provided for the convenience of mariners in reporting items of interest to the Hydrographic Office such as wrecks, shoalings, uncharted dangers, discrepancies in published information, etc. Such reports will enable the Hydrographic Office to correct its charts and publications and promote navigational safety, thereby benefiting mariners generally. In all cases, be sure to state the name fully, and specify the date, time (G.M.T.), and position or location of the items reported. Additional information on submitting reports will be found in H.O. Pub. No. 606a.

Information on submitting reports will be found in H.O. Pub. No. 606a.

At 0650 gmt, on the above date, in D.R. position: 25°18' N., 89°56' W.,

what was presumed to be a Satellite of magnitude 2.0, was observed, rising between, MERUH & PHECDA, in the constellation of URSA MAJOR. The bearing was

320 T. At 0658, the Satellite disappeared behind cloud on a bearing of 008 T altitude 21 degrees; at 0705 the Satellite reappeared on a bearing of 053 T, altitude 10 degrees, and finally was lost to VIEW view at 0710, bearing 058 T, altitude 5 degrees.

At the time of observation there was clear atmosphere and bright moonlight. The wind was from the East at 10 mph, the temperature of the air was 28 C. The barometer read 29.86 inches.

Course 321 T, speed 15 knots.

REPORT URGENT DANGERS BY RADIO

JUNE 5, 1963

SATELLITE 1960 IOTA 1, ECHO I

These predictions are based on orbital elements revised on June 3, 1963
 T_0 = June 4 0, times are in days, U.T.
 Argument of perigee = $274.306 + 3.5877 (t - T_0)$
 Right ascension of ascending node = $203.064 + 3.72982 (t - T_0)$

Inclination = 47.2257 Eccentricity = $0.044912 + 6.22 \times 10^{-6} (t - T_0)$ Semi-major axis = 7.842655 megametersMean anomaly (Rev.) = $0.32330 + 12.498859 (t - T_0) + 3.0857 \times 10^{-6} (t - T_0)^2$

EQUATOR S-N				SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES								EQUATOR S-N				SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES							
TIME	LONG.	LAT.		TIME	LONG.	MT.	BEAR.	TIME	LONG.	MT.	BEAR.	TIME	LONG.	LAT.		TIME	LONG.	MT.	BEAR.	TIME	LONG.	MT.	BEAR.
(UT)	(W)			CORR.	CORR.	(MI)	(N-E)	CORR.	CORR.	(MI)	(N-E)	(UT)	(W)			CORR.	CORR.	(MI)	(N-E)	CORR.	CORR.	(MI)	(N-E)
JUNE 8, 1963																							
1 30.0	90.67	47.4		29.9	-82.43	1135	90.00	29.9	-82.46	1135	90.00	1 33.6	106.43	47.4		29.3	-82.56	1119	90.00	29.3	-82.60	1119	90.00
3 34.1	114.74	45.0		24.2	-60.60	1103	72.30	35.6	-104.27	1147	107.70	3 29.7	135.54	45.0		23.7	-60.77	1071	72.30	35.0	-104.41	1149	107.70
5 29.2	148.90	40.0		19.8	-45.43	1085	60.70	40.2	-119.41	1141	119.40	5 29.7	164.65	40.0		19.3	-45.54	1073	60.70	39.6	-119.55	1157	119.40
7 24.3	178.02	35.0		16.5	-35.86	1031	94.00	43.5	-128.95	1128	126.10	7 18.8	193.72	35.0		16.1	-35.95	981	94.00	43.0	-129.06	1154	126.10
9 19.4	207.14	30.0		13.7	-28.56	999	49.40	46.5	-136.22	1112	130.70	9 13.9	222.88	30.0		13.4	-28.64	946	49.40	46.0	-136.34	1145	130.70
11 14.5	236.26	20.0		8.4	-17.32	938	43.70	51.4	-147.40	1071	136.60	11 9.0	251.99	20.0		8.6	-17.37	881	43.70	51.2	-147.50	1116	136.60
13 9.6	265.37	0.		0.	0.	878	40.00	60.9	-144.54	971	140.10	13 4.1	281.10	0.		0.	0.	777	40.00	60.7	-144.65	1028	140.20
15 4.7	294.49	-20.0		-8.4	17.41	740	43.80	-45.4	146.95	862	136.30	15 59.1	310.21	-20.0		-7.2	17.45	698	43.80	-45.4	146.98	915	136.30
16 59.8	323.61	-30.0		-12.9	28.78	708	49.50	-40.7	137.45	807	130.50	16 54.2	339.32	-30.0		-12.6	28.84	677	49.50	-40.6	137.69	853	130.60
18 54.9	352.73	-35.0		-15.3	36.16	696	56.10	-38.2	130.31	780	126.00	18 49.3	8.44	-35.0		-15.0	36.23	671	56.10	-38.0	130.35	871	126.00
20 50.0	21.84	-40.0		-18.1	45.86	687	60.80	-35.3	120.65	752	119.20	20 44.4	37.55	-40.0		-17.8	45.92	671	60.80	-35.1	120.70	786	119.20
22 45.1	90.96	-45.0		-21.9	61.19	685	72.40	-31.4	109.32	721	107.60	22 39.4	66.66	-45.0		-21.6	61.26	674	72.40	-31.1	109.39	745	107.60
		-47.4		-24.6	83.24	695	90.00	-26.6	83.28	695	90.00			-47.4		-26.3	83.32	705	90.00	-26.3	83.36	705	90.00
JUNE 9, 1963																							
0 40.2	80.08	47.4		29.7	-82.46	1133	90.00	29.8	-82.49	1133	90.00	0 34.5	95.77	47.4		29.2	-82.60	1113	90.00	29.2	-82.64	1113	90.00
2 35.3	109.14	45.0		24.1	-60.61	1097	72.30	35.5	-104.30	1149	107.70	2 29.4	124.88	45.0		23.6	-60.76	1062	72.30	34.9	-104.45	1147	107.70
4 30.4	138.31	40.0		19.7	-45.45	1056	60.70	40.0	-119.44	1144	119.40	4 24.7	153.98	40.0		19.2	-45.57	1011	60.70	34.5	-119.59	1159	119.40
6 25.5	167.47	35.0		16.4	-35.88	1021	94.00	43.4	-128.98	1136	126.10	6 19.7	183.10	35.0		16.0	-35.98	970	94.00	42.9	-129.12	1159	126.10
8 20.6	196.54	30.0		13.6	-28.58	987	49.40	46.4	-136.24	1121	130.70	8 14.8	212.21	30.0		13.3	-28.66	933	49.40	45.8	-136.37	1152	130.70
10 15.7	225.66	20.0		8.7	-17.33	925	43.70	51.4	-147.42	1082	136.60	10 9.9	241.32	20.0		8.5	-17.38	888	43.70	51.1	-147.53	1126	136.60
12 10.8	254.77	0.		0.	0.	816	40.00	60.9	-144.60	985	140.10	12 5.0	270.44	0.		0.	0.	759	40.00	60.6	-144.67	1041	140.20
14 5.9	283.89	-20.0		-8.4	17.42	729	43.80	-45.4	146.98	874	136.30	14 0.0	299.55	-20.0		-8.2	17.46	699	43.80	-45.4	146.98	928	136.30
16 1.0	313.00	-30.0		-12.8	28.79	700	49.50	-40.7	137.47	817	130.60	16 55.4	328.66	-30.0		-12.6	28.85	671	49.50	-40.6	137.69	866	130.60
17 56.1	342.12	-35.0		-15.2	36.18	689	56.10	-38.1	130.32	789	126.00	17 50.2	357.77	-35.0		-15.0	36.24	667	56.10	-38.0	130.35	832	126.00
19 51.2	11.24	-40.0		-18.1	45.86	682	60.80	-35.2	120.64	759	119.20	19 45.3	26.68	-40.0		-17.8	45.93	668	60.80	-35.0	120.71	796	119.20
21 46.3	40.35	-45.0		-21.9	61.21	682	72.40	-31.5	109.34	726	107.60	21 40.3	55.98	-45.0		-21.5	61.28	680	72.40	-31.1	109.41	753	107.60
23 41.3	69.47	-47.4		-24.6	83.26	697	90.00	-26.6	83.30	697	90.00	23 35.4	85.10	-47.4		-26.3	83.33	709	90.00	-26.3	83.37	709	90.00
JUNE 10, 1963																							
1 86.4	98.58	47.4		29.6	-82.49	1129	90.00	29.5	-82.53	1129	90.00	1 30.5	128.21	47.4		29.0	-82.64	1108	90.00	29.0	-82.68	1108	90.00
3 31.5	127.30	45.0		24.0	-60.66	1089	72.30	35.3	-104.34	1150	107.70	3 25.5	143.32	45.0		23.5	-60.79	1090	72.30	34.7	-104.50	1144	107.70
5 26.6	156.81	40.0		19.6	-45.48	1049	60.70	39.9	-119.48	1151	119.40	5 20.6	172.43	40.0		19.1	-45.60	997	60.70	39.3	-119.63	1160	119.40
7 21.7	185.93	35.0		16.3	-35.91	1008	94.00	43.3	-129.01	1143	126.10	7 15.7	201.54	35.0		15.9	-36.00	955	94.00	42.7	-129.17	1162	126.10
9 16.8	215.04	30.0		13.5	-28.60	974	49.40	46.2	-136.27	1130	130.70	9 10.7	230.65	30.0		13.2	-28.68	917	49.40	45.7	-136.42	1158	130.70
11 11.9	244.16	20.0		8.7	-17.34	910	43.70	51.5	-147.45	1094	136.60	11 5.8	259.76	20.0		8.5	-17.39	851	43.70	51.0	-147.57	1136	136.60
13 7.0	273.27	0.		0.	0.	800	40.00	60.8	-144.61	999	140.20	13 0.9	288.86	0.		0.	0.	746	40.00	60.5	-144.69	1056	140.20
15 2.1	302.38	-20.0		-8.3	17.43	718	43.80	-45.4	146.99	887	136.30	15 56.0	317.97	-20.0		-8.2	17.47	680	43.80	-45.5	146.97	944	136.30
16 57.2	331.50	-30.0		-12.7	28.81	691	49.50	-40.7	137.48	829	130.60	16 51.0	347.08	-30.0		-12.9	28.87	665	49.50	-40.6	137.69	880	130.60
18 52.2	0.61	-35.0		-15.2	36.19	682	56.10	-38.1	130.33	799	126.00	18 46.1	16.19	-35.0		-14.9	36.26	663	56.10	-38.0	130.36	845	126.00
20 47.3	29.79	-40.0		-18.0	45.88	678	60.80	-35.2	120.68	768	119.20	20 41.2	45.30	-40.0		-17.7	45.95	667	60.80	-35.0	120.72	808	119.20
22 42.4	98.46	-45.0		-21.7	61.23	680	72.40	-31.5	109.36	732	107.60	22 36.2	74.41	-45.0		-21.5	61.30	682	72.40	-31.1	109.42	762	107.60
		-47.4		-24.5	83.28	699	90.00	-26.5	83.32	699	90.00			-47.4		-26.2	83.35	715	90.00	-26.2	83.39	715	90.00
JUNE 11, 1963																							
0 37.5	87.96	47.4		29.5	-82.52	1125	90.00	29.5	-82.56	1125	90.00	0 31.3	103.52	47.4		28.9	-82.69	1098	90.00	28.9	-82.73	1098	90.00
2 32.6	117.07	45.0		23.9	-60.69	1081	72.30	35.2	-104.37	1150	107.70	2 26.3	132.63	45.0		23.5	-60.81	1090	72.30	34.5	-104.54	1140	107.70
4 27.7	146.18	40.0		19.4	-45.51	1035	60.70	39.8	-119.51	1154	119.40	4 21.4	161.74	40.0		19.0	-45.62	984	60.70	39.1	-119.68	1159	119.40
6 22.8	175.30	35.0		16.2	-35.93	994	94.00	43.2	-129.03	1149	126.10	6 16.5	190.84	35.0		15.8	-36.02	941	94.00	42.5	-129.21	1165	126.10
8 17.8	204.41	30.0		13.5	-28.62	961	49.40	46.1	-136.30	1138	130.70	8 11.5	219.95	30.0		13.1	-28.70	903	49.40	45.5	-136.46	1163	130.70
10 12.9																							

PROJECT 10073 RECORD CARD

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

13/0900Z

Echo 357 AM South of city 71° Elev → SE

U.S. AIR FORCE TECHNICAL INFORMATION SHEET

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

13 June 1963
Day Month Year

2. Time of day:

04 00
Hour Minutes

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

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other _____

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

4. Where were you when you saw the object?

UNION TERMINAL
Nearest Postal Address

DAYTON
City or Town

OHIO
State or Country

Additional remarks: _____

5. How long was object in sight?

Hours

15
Minutes

Seconds

5.1 How was time in sight determined?

a. Certain
b. Fairly certain

c. Not very sure
d. Just a guess

6. What was the condition of the sky?

DAY

a. Bright
b. Cloudy

NIGHT

a. Bright
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 | ☐ No | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes | ☒ No | Don't Know |
| c. Break up into parts or explode? | Yes | ☒ No | Don't Know |
| d. Give off smoke? | Yes | ☒ No | Don't Know |
| e. Change brightness? | Yes | ☒ No | Don't Know |
| f. Change shape? | Yes | ☒ No | Don't Know |
| g. Flash or flicker? | ☒ Yes | No | Don't Know |
| h. Disappear and reappear? | Yes | ☒ No | Don't Know |

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

(Circle One): Yes ☒ No Don't Know. IF you answered YES, then tell what it moved behind: _____

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

(Circle One): Yes ☒ No Don't Know. IF you answered YES, then tell what in front of: _____

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

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

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

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

a. Sound _____

b. Color _____

17. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

18. The edges of the object were:

(Circle One): a. Fuzzy or blurred

☒ b. Like a bright star

c. Sharply outlined

d. Don't remember

e. Other _____

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

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

20. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

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

Like morning star

22. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

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

No

24. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

*Bright star slowly moving
across star.*

25. Where were you located when you saw the object?
(Circle One):

- a. Inside a building
- b. In a car
- ☒ c. Outdoors
- d. In an airplane (type)
- e. At sea
- f. Other _____

26. Were you (Circle One)

- ☒ a. In the business section of a city?
- b. In the residential section of a city?
- c. In open countryside?
- d. Near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other _____

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

Flagging Railroad switch engine

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

28.1 What direction were you moving? (Circle One)

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

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

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

(Circle One) Yes No

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

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

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

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

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

31.1 When it first appeared:

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

31.2 When it disappeared:

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

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

CLOUDS (Circle One)

- ☒ a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds

WEATHER (Circle One)

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

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

13 June 1963
Day Month Year

Dty Officer
FTD

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

(Circle One) ☒ Yes No

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

(Circle One) ☒ Yes No

36.2 Please list their names and addresses:

[REDACTED]
[REDACTED]

Dayton, Ohio 277-5744

[REDACTED] 51
[REDACTED]

Day to 5

223-2009.

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

(Circle One) Yes ☒ No

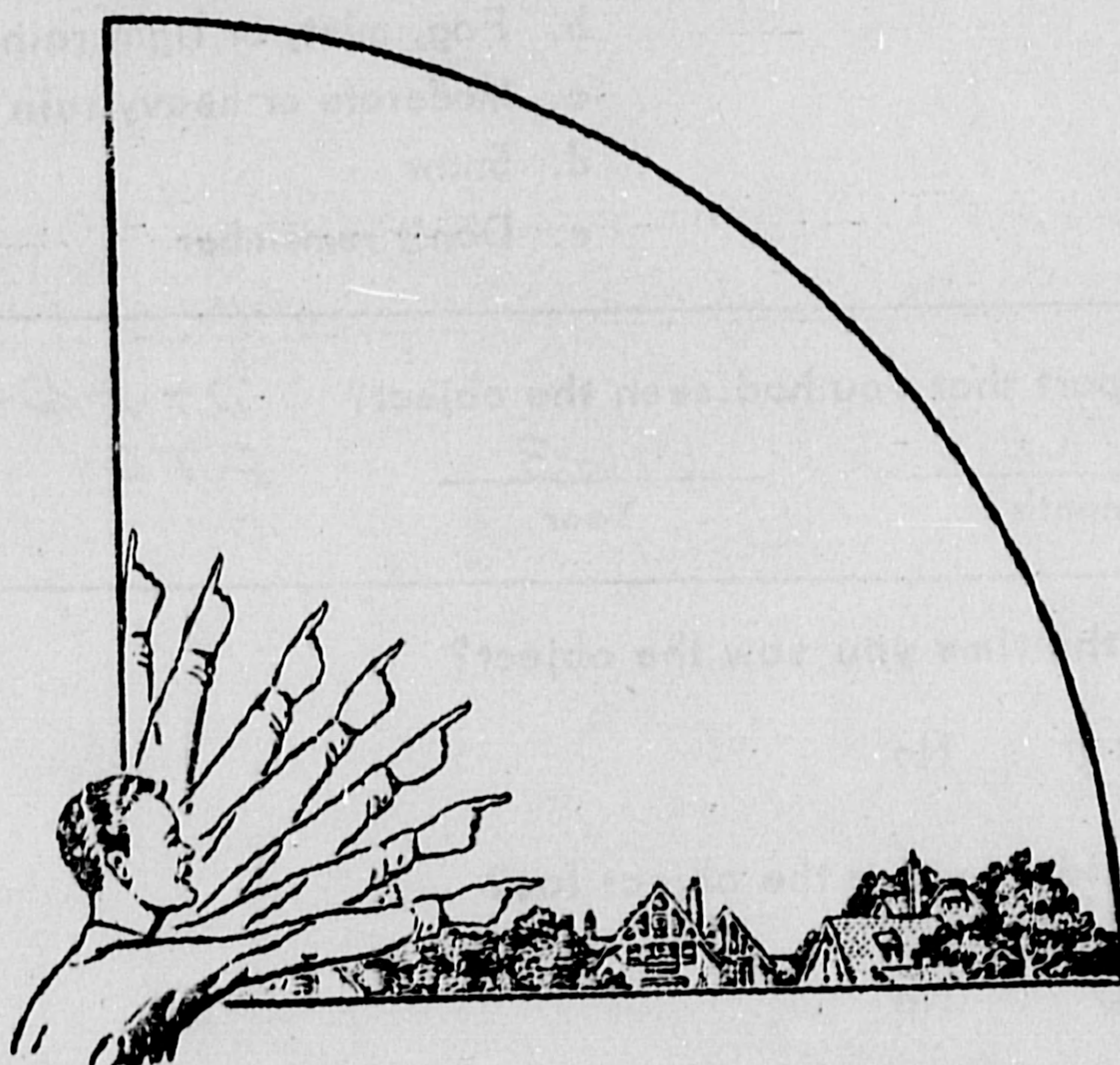
37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

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

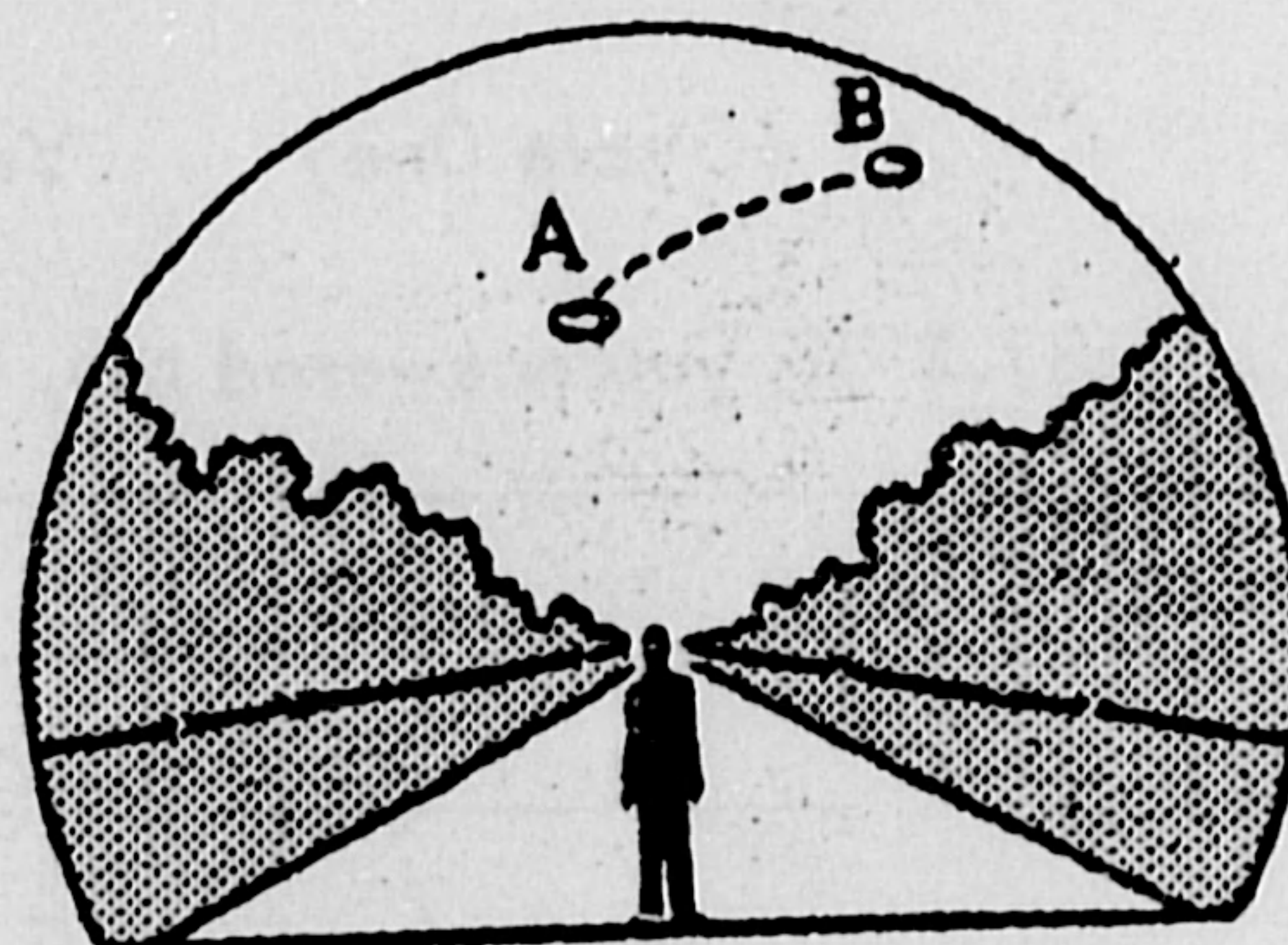
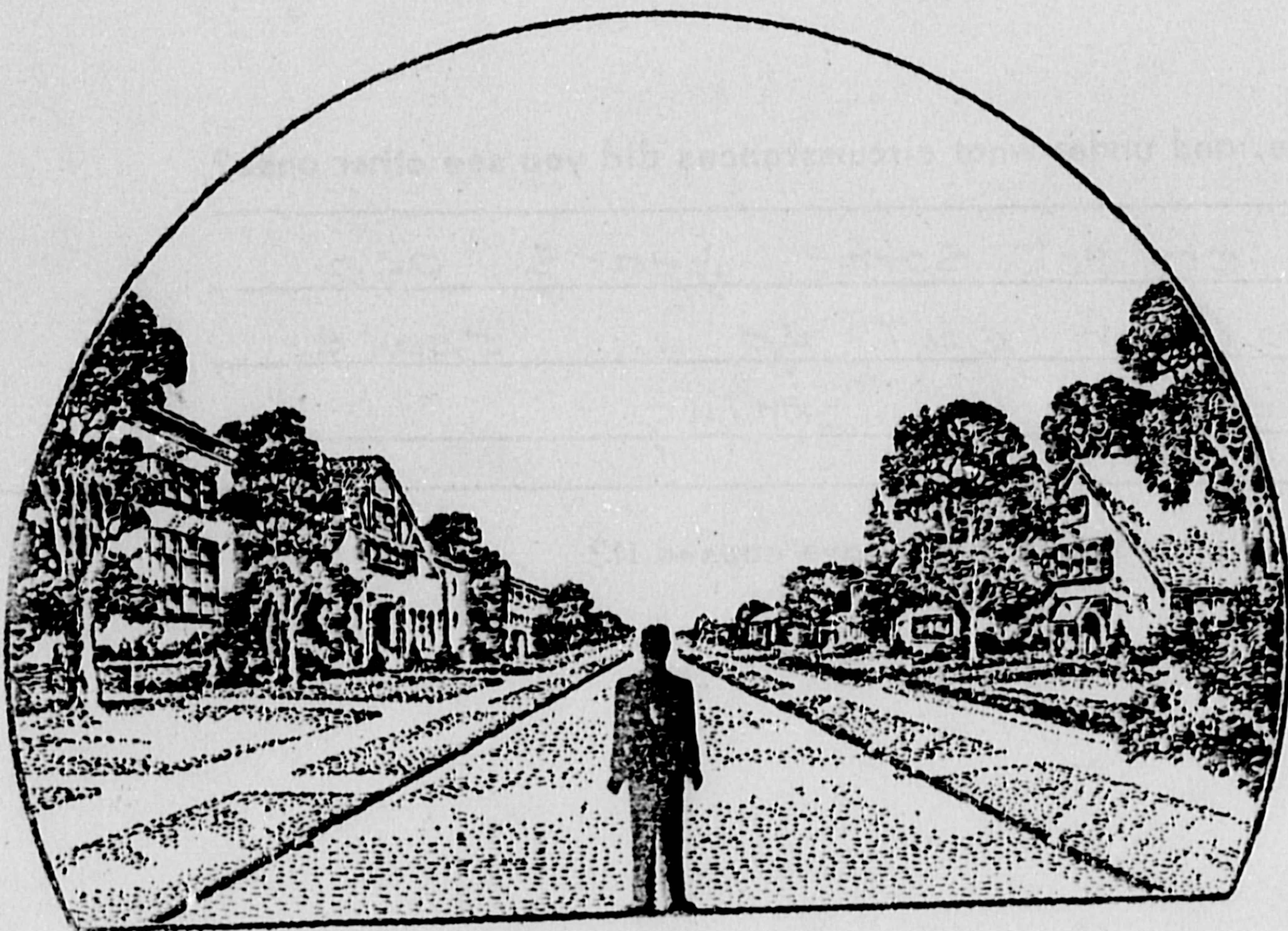
38. In your opinion what do you think the object was and what might have caused it?

Don't know

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



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



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

(Circle One)

Yes

No

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

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

(Circle One)

Yes

No

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

41. Please give the following information about yourself:

NAME

Last Name

First Name

Middle Name

ADDRESS

Street

Dayton
City

Zone

Ohio
State

TELEPHONE NUMBER

Age

Sex

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

42. Date you completed this questionnaire:

13

Day

June

Month

1963

Year

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

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

NAME [REDACTED]
(Please Print)

(Do Not Write in This Space)

CODE:

SIGNATURE _____

DATE _____

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

AT 01.53 AM	JUNE.13	NORTH OF CITY,	64 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.13	SOUTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.13	SOUTH OF CITY,	52 DEGREES ABOVE HORIZON	MOVING NE
AT 10.49 PM	JUNE.13	NORTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING NE
AT 00.51 AM	JUNE.14	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING SE
AT 02.54 AM	JUNE.14	NORTH OF CITY,	88 DEGREES ABOVE HORIZON	MOVING SE
AT 05.01 AM	JUNE.14	SOUTH OF CITY,	24 DEGREES ABOVE HORIZON	MOVING SE
AT 09.46 PM	JUNE.14	NORTH OF CITY,	81 DEGREES ABOVE HORIZON	MOVING NE
AT 11.49 PM	JUNE.14	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING NE
AT 01.52 AM	JUNE.15	NORTH OF CITY,	71 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.15	SOUTH OF CITY,	48 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.15	SOUTH OF CITY,	73 DEGREES ABOVE HORIZON	MOVING NE
AT 10.47 PM	JUNE.15	NORTH OF CITY,	61 DEGREES ABOVE HORIZON	MOVING NE
AT 00.49 AM	JUNE.16	NORTH OF CITY,	62 DEGREES ABOVE HORIZON	MOVING SE
AT 02.53 AM	JUNE.16	SOUTH OF CITY,	75 DEGREES ABOVE HORIZON	MOVING SE
AT 05.02 AM	JUNE.16	SOUTH OF CITY,	11 DEGREES ABOVE HORIZON	MOVING SE
AT 09.45 PM	JUNE.16	NORTH OF CITY,	69 DEGREES ABOVE HORIZON	MOVING NE
AT 11.47 PM	JUNE.16	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 01.50 AM	JUNE.17	NORTH OF CITY,	82 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.17	SOUTH OF CITY,	31 DEGREES ABOVE HORIZON	MOVING SE
1 DAYTON, OHIO EST				
AT 09.47 PM	JUNE.10	SOUTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING NE
AT 11.52 PM	JUNE.10	NORTH OF CITY,	65 DEGREES ABOVE HORIZON	MOVING NE
AT 01.54 AM	JUNE.11	NORTH OF CITY,	59 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.11	SOUTH OF CITY,	89 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.11	SOUTH OF CITY,	30 DEGREES ABOVE HORIZON	MOVING NE
AT 10.49 PM	JUNE.11	NORTH OF CITY,	77 DEGREES ABOVE HORIZON	MOVING NE
AT 00.52 AM	JUNE.12	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 02.55 AM	JUNE.12	NORTH OF CITY,	73 DEGREES ABOVE HORIZON	MOVING SE
AT 05.01 AM	JUNE.12	SOUTH OF CITY,	44 DEGREES ABOVE HORIZON	MOVING SE
AT 07.40 PM	JUNE.12	SOUTH OF CITY,	89 DEGREES ABOVE HORIZON	MOVING NE
AT 09.47 PM	JUNE.12	SOUTH OF CITY,	80 DEGREES ABOVE HORIZON	MOVING NE
AT 11.50 PM	JUNE.12	NORTH OF CITY,	60 DEGREES ABOVE HORIZON	MOVING NE
AT 01.53 AM	JUNE.13	NORTH OF CITY,	63 DEGREES ABOVE HORIZON	MOVING SE
AT 03.57 AM	JUNE.13	SOUTH OF CITY,	71 DEGREES ABOVE HORIZON	MOVING SE
AT 08.44 PM	JUNE.13	SOUTH OF CITY,	50 DEGREES ABOVE HORIZON	MOVING NE
AT 10.48 PM	JUNE.13	NORTH OF CITY,	67 DEGREES ABOVE HORIZON	MOVING NE
AT 00.51 AM	JUNE.14	NORTH OF CITY,	58 DEGREES ABOVE HORIZON	MOVING SE
AT 02.54 AM	JUNE.14	NORTH OF CITY,	85 DEGREES ABOVE HORIZON	MOVING SE
AT 05.01 AM	JUNE.14	SOUTH OF CITY,	27 DEGREES ABOVE HORIZON	MOVING SE
AT 09.46 PM	JUNE.14	NORTH OF CITY,	82 DEGREES ABOVE HORIZON	MOVING NE
AT 11.49 PM	JUNE.14	NORTH OF CITY,	57 DEGREES ABOVE HORIZON	MOVING NE
AT 01.51 AM	JUNE.15	NORTH OF CITY,	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		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other ☒ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 14/0200Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 20-25 minutes		8. NUMBER OF OBJECTS four		9. COURSE SW	
10. BRIEF SUMMARY OF SIGHTING Four objects, some extremely bright with erratic movement from NE passing overhead to SW. Objects strung out, no particular pattern. Brightness changed and objects disappeared and reappeared. Obscured by clouds. Looked somewhat like stars. Observed only as white lights, no shape or form. Flight from horizon to horizon in 20-25 min. Slightly larger than stars. Initial impression of WX balloons. Witness 15 yr old youth.				11. COMMENTS Not refueling opr. None in area. No pattern apparent for a/c sighting. Possibility exists that objects were weather balloons, however, no wavering in flight reported. A/C most logical explanation, however, there is insufficient data for firm analysis.	

ATIC FORM 329 (REV 26 SEP 52)

202

17 17/0200 E

Sgt. ROYER - NOT THIS AREA -
 EWING 72201 - 20 INFO.

U.S. AIR FORCE TECHNICAL INFORMATION SHEET

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

13 JUNE 1963
 Day Month Year

2. Time of day:

9 00-05
 Hour Minutes

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

3. Time Zone:

(Circle One): a. Eastern
 b. Central
 c. Mountain
 d. Pacific
 e. Other _____

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

4. Where were you when you saw the object?

[REDACTED] AVE DAYTON OHIO
 Nearest Postal Address City or Town State or Country

Additional remarks: _____

5. How long was object in sight?

0 20-25 _____
 Hours Minutes Seconds

5.1 How was time in sight determined?

a. Certain

b. Fairly certain

c. Not very sure

d. Just a guess

6. What was the condition of the sky?

DAY

a. Bright
 b. Cloudy

NIGHT

a. Bright
 b. Cloudy SCATTERED

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

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

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

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

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

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

IF you answered YES, then tell what

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

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

IF you answered YES, then tell what

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

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

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

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

a. Sound NONE

b. Color SOMEWHAT COOKED, LIKE STARS, WHITE LIGHTS

17. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

round as stars at a distance would be

18. The edges of the object were:

(Circle One): a. Fuzzy or blurred

b. Like a bright star

c. Sharply outlined

d. Don't remember

e. Other _____

19. IF there was MORE THAN ONE object, then how many were there? 4

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

pattern changed - no particular order

25. Where were you located when you saw the object?
(Circle One):

- a. Inside a building
- b. In a car
- c. Outdoors
- d. In an airplane (type)
- e. At sea
- f. Other _____

26. Were you (Circle One)

- a. In the business section of a city?
- b. In the residential section of a city?
- c. In open countryside?
- d. Near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other _____

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

got tired - layed down on ground and
notice objects

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

28.1 What direction were you moving? (Circle One)

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

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

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

(Circle One) Yes No

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

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

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

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

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

31.1 When it first appeared:

a. From true North 30-35 degrees.

b. From horizon 20 to 45 degrees. (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 southwest - horizon
to horizon is relatively straight line

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

somewhat larger than ordinary stars

22. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

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

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

only when passing behind clouds

24. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

—

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

CLOUDS (Circle One)

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds

WEATHER (Circle One)

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

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

13
Day

JUNE
Month

1963
Year

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

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

(Circle One) Yes No

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

(Circle One) Yes No

36.2 Please list their names and addresses:

[REDACTED]

DAYTON, OHIO

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

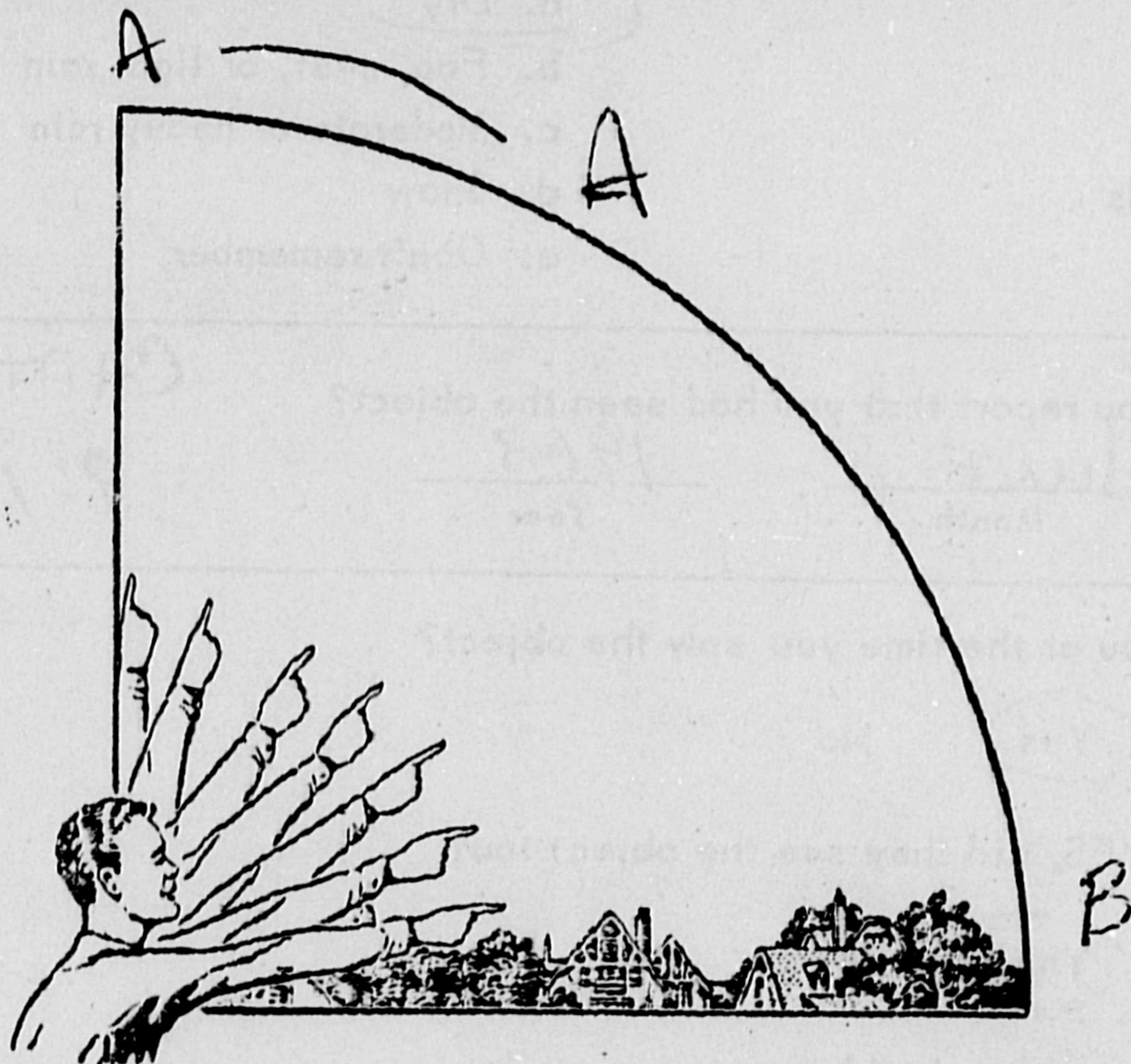
(Circle One) Yes No

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

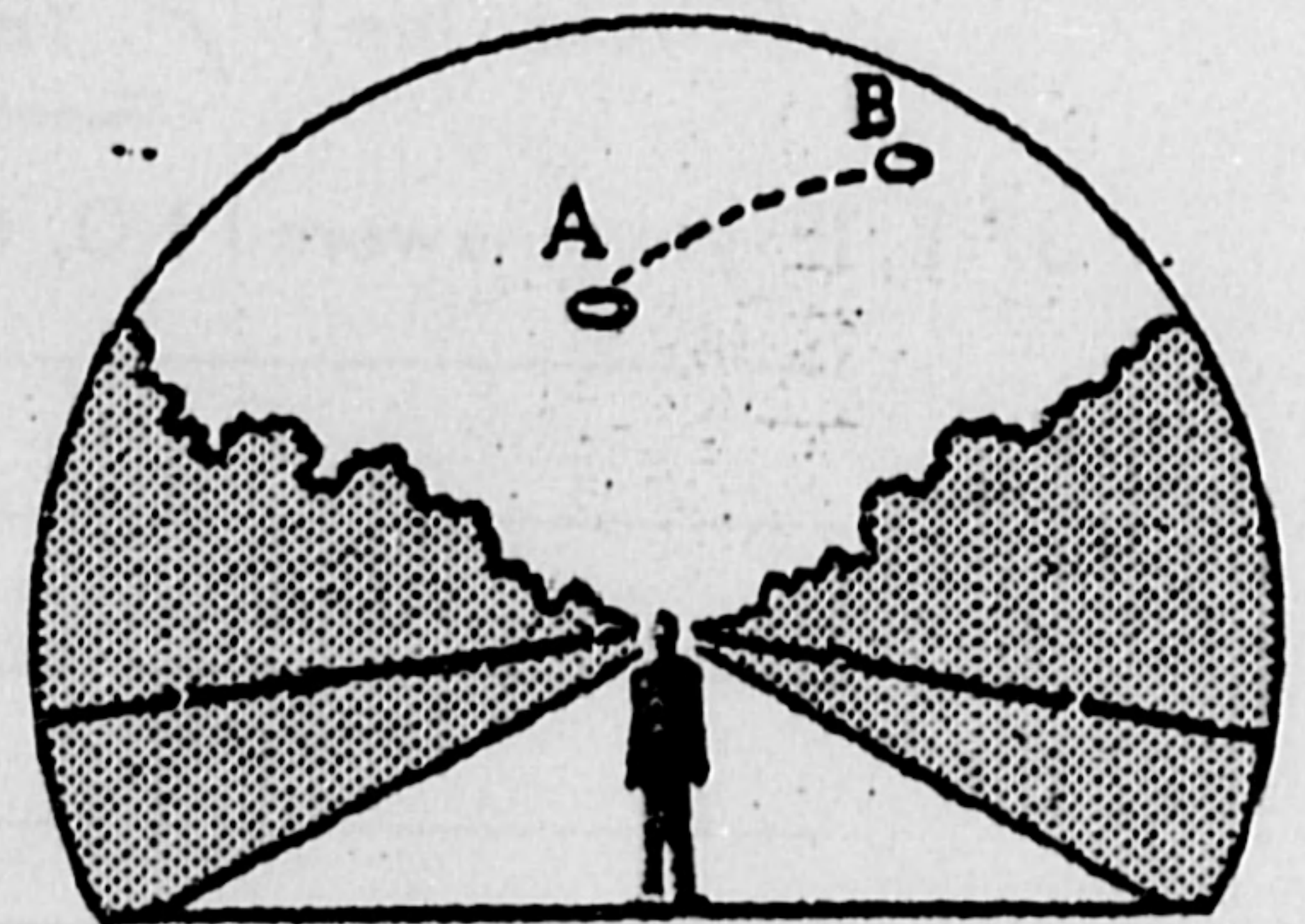
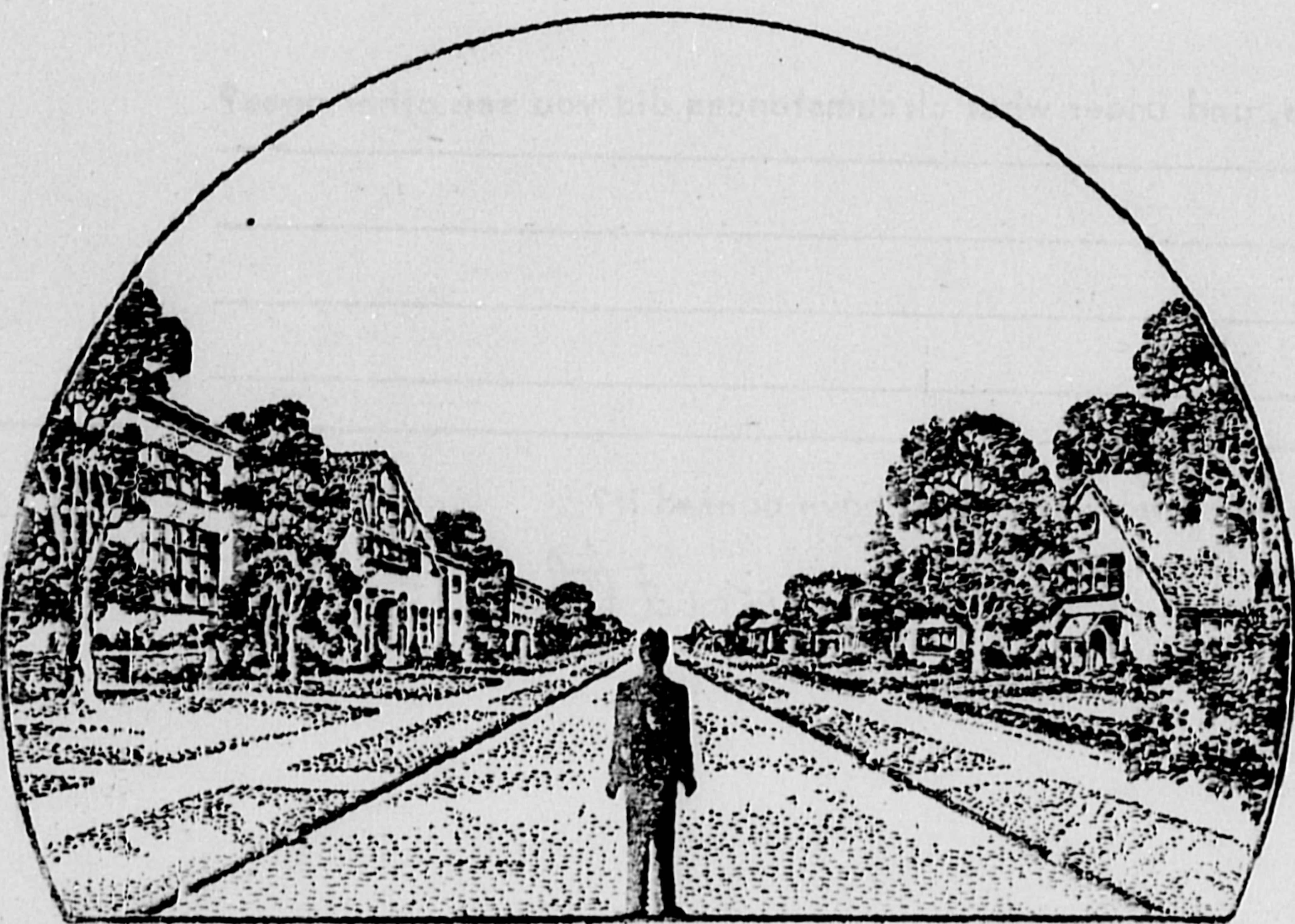
38. In your opinion what do you think the object was and what might have caused it?

at first thought they were weather balloons

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



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



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

(Circle One)

Yes

No

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

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

(Circle One)

Yes

No

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

41. Please give the following information about yourself:

NAME

Last Name

First Name

Middle Name

ADDRESS

Street

City

Zone

State

TELEPHONE NUMBER

Age

15

Sex

MALE

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

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

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

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

Cordially,

Allen

J. Allen Hynek
Director

JAH:llg