

PROJECT 10073 RECORD CARD

| | | | | | |
|---|--|---|--|---|--|
| 1. DATE 28 March 1963 | | 2. LOCATION 35.00N 48.00W (ATLANTIC) | | 12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input checked="" type="checkbox"/> Other satellite (CCAT) | |
| 3. DATE-TIME GROUP Local _____ GMT 28/2150Z | | 4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar | | | |
| 5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 6. SOURCE Military | | | |
| 7. LENGTH OF OBSERVATION not reported | | 8. NUMBER OF OBJECTS one | | 9. COURSE 060 dgr | |
| 10. BRIEF SUMMARY OF SIGHTING Object described as a fast moving star sighted heading 060 dgr at 62 dgr altitude. Bearing remained constant and elevation decreased to 15 dgrs. | | | | 11. COMMENTS Sighting contains only limited information. On basis of previous rpts of this nature with the duration missing, case is evaluated as a possible satellite. Description and heading conform with this analysis. AT 2130Z 2800 CROSSED EQUATOR HEADING 060 AT 550W. CCE ELEVATION 15 22ND, | |

28/2150Z

NAVAL MESSAGE

UNCLASSIFIED

NAVY DEPARTMENT

| | | | | |
|---------------------|----------|-------------|------------|----------|
| PRECEDENCE FLASH | (ACTION) | RELEASED BY | DRAFTED BY | EXT. NO. |
| FLASH | (INFO) | | | |

AF IN : 9757 (29 Mar 63) A/crp

Z 282230Z
FM USCGC MCCULLOCH

AF DIST: ACTION: NIN-9
INFO : XOP-1, XOPX-4, SAF-OS-3, DIA-20,
DIA-CIIC-2 (48)

TO ZEN/CINCLANTFLT
RUEASN/CINNORAD
RUEASN/26NORAD
RUEAHQ/HQ USAF CNP

INFO ZEN/COMDT COGARD
ZEN/COMEASTAREA
RUECW/CNO
RUWSPG/COMEASTSEAFRON

UNCLAS

LOCATING ONE

1. UFO
2. LAT 35-00N LONG 48-00W
3. 282150Z
4. SIGHTED BEARING 060 ALTITUDE 62 DEGREES. BEARING
CONSTANT ALTITUDE DECREASED TO 15 DEGREES.
5. VISUAL
6. APPEARED TO BE FAST MOVING STAR

AF NOTE: Suspected dupe of AF IN 9710.

92....COG

SECNAV UNSECNAV ASTSECNAV(R&D) 00 09 09B 09M 09D 03 33 34 35 05 06 07

72 76 94 IP NAVAIDE FLAGPLOT BFR CMC JCS CSA CSAF CIA NIC
ADVANCE COPIES DELIVERED

| CONTROL NO. | CIRCUIT NO. | PAGE | OF | PAGES | TIME OF RECEIPT | DATE TIME GROUP |
|---------------|-------------|------|----|-------|-----------------|-----------------|
| 62922/WH/WR/3 | B237 | 1 | | 1 | 2319Z/28 MAR 63 | 282230Z MAR 63 |

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

INCOMING

01

SMB B334

ZCHQA908ZCECA604

'4'''' ZZ RUEAHQ

DE RUECJD 097

ZNR

Z 282230Z

FM USCGC MCCULLOCH

TO ZEN/CINCLANTFLT

RUEASN/CINNORAD

RUEASN/26NORAD

RUEAHQ/HQ USAF CNP

INFO ZEN/COMDT COGARD

ZEN/COMEASTAREA

RUECW/CNO

RUWSPG/COMEASTSEAFRON

USCG GRNC

BT

UNCLAS

LOCATING ONE

1. UFO

2. LAT 35-00N LONG 48-00W

3. 282150Z

4. SIGHTED BEARING 060 ALTITUDE 62 DEGREES. BEARING
CONSTANT ALTITUDE DECREASED TO 15 DEGREES.

5. VISUAL

6. APPEARED TO BE FAST MOVING STAR

BT NOTE : ADV CY DEL TO NIN, DIA AND XOPX

AF IN: 9710 (28 Mar 63) A/dfc

ACTION: NIN-9

INFO: XOP-1, XOPX-4, SAE-OS-3, DIA-20, DIA CIIC-2
(40)

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

SMB B335

CHQA907ZCECB594

AF IN : 9712 (28Mar 63) A/dfc

01

***** ZZ RUEAHQ ACTION: NIN-9

ZNR ZFD RUECJD 099 INFO : XOP-1, XOPX-4, SAE-OS-3, DIA-20, DIA CIIC-2

***** ZZ RUEASN RUEAHQ RUECJD RUECW RUWSPG

DE RUECJD 097

ZNR

Z 282230Z

FM USCGC MCCULLOCH

TO ZEN/CINCLANTFLT

RUWGALB/CINNORAD

RUEASN/26NORAD

RUEAHQ/HQ USAF CNP

INFO ZEN/COMDT COGARD

ZEN/COMEASTAREA

RUECW/CNO

RUWSPG/COMEASTSEAFRON

USCG GRNC

BT

UNCLAS

LOCATING ONE

1. UFO

2. LAT 35-00N LONG 48-00W

3. 282150Z

4. SIGHTED BEARING 060 ALTITUDE 62 DEGREES. BEARING
CONSTANT ALTITUDE DECREASED TO 15 DEGREES.

5. VISUAL

6. APPEARED TO BE FAST MOVING STAR

BT

NOTE : SUSP DUPE OF AF IN 9710 (28Mar 63)

| EQUATOR S-N | | | | SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES | | | | | | | |
|----------------|--------|-------|-------|---|------|--------|-------|---------|------|--------|--|
| TIME | LONG. | LAT. | TIME | LONG. | HT. | BEAR. | TIME | LONG. | HT. | BEAR. | |
| (UT) | (W) | | CORR. | CORR. | (MI) | (IN-E) | CORR. | CORR. | (MI) | (IN-E) | |
| MARCH 24, 1963 | | | | | | | | | | | |
| 0 8.7 | 104.07 | 47.4 | 29.0 | -82.65 | 933 | 90.0 | 29.0 | -82.67 | 933 | 90.0 | |
| 2 4.1 | 133.27 | 45.0 | 23.8 | -69.77 | 934 | 72.4* | 34.2 | -104.57 | 930 | 107.6 | |
| 3 59.5 | 162.67 | 40.0 | 19.6 | -45.50 | 934 | 60.7* | 38.4 | -119.83 | 927 | 119.3 | |
| 5 55.0 | 191.67 | 35.0 | 16.5 | -35.88 | 933 | 54.0* | 41.5 | -129.45 | 924 | 126.0 | |
| 7 30.4 | 220.87 | 30.0 | 13.8 | -22.56 | 932 | 49.4* | 44.2 | -136.78 | 921 | 130.6 | |
| 9 45.4 | 250.06 | 20.0 | 8.9 | -17.28 | 930 | 43.7* | 49.0 | -149.06 | 917 | 136.1* | |
| 11 41.3 | 279.25 | 0. | 0. | 0. | 927 | 39.9* | 57.9 | -165.36 | 912 | 140.1* | |
| 13 36.7 | 308.45 | -20.0 | -8.4 | 17.29 | 925 | 43.7* | -48.9 | 148.10 | 911 | 136.1* | |
| 15 32.1 | 337.65 | -30.0 | -13.9 | 28.57 | 924 | 49.4 | -44.0 | 136.82 | 913 | 130.6* | |
| 17 27.6 | 4.86 | -40.0 | -18.4 | 35.89 | 924 | 54.0 | -41.4 | 129.49 | 914 | 126.0* | |
| 19 23.0 | 36.04 | -40.0 | -17.4 | 45.51 | 923 | 60.7 | -38.3 | 119.87 | 916 | 119.3* | |
| 21 18.4 | 65.24 | -45.0 | -23.7 | 60.79 | 922 | 72.4 | -34.1 | 104.58 | 918 | 107.6* | |
| 23 13.9 | 94.45 | -47.4 | -29.9 | 82.67 | 920 | 90.0 | -28.9 | 82.71 | 920 | 90.0 | |

| | | | | | | | | | | | |
|----------------|--------|-------|-------|--------|-----|-------|-------|---------|-----|--------|--|
| MARCH 25, 1963 | | | | | | | | | | | |
| 1 9.3 | 123.65 | 47.4 | 29.0 | -82.65 | 931 | 90.0 | 29.0 | -82.70 | 931 | 90.0 | |
| 3 4.7 | 152.85 | 45.0 | 23.7 | -69.78 | 931 | 72.4* | 34.2 | -104.58 | 923 | 107.6 | |
| 5 50.7 | 182.05 | 40.0 | 19.5 | -45.51 | 931 | 60.7* | 38.4 | -119.84 | 926 | 119.3 | |
| 8 46.6 | 211.25 | 35.0 | 16.5 | -35.89 | 930 | 54.0* | 41.5 | -129.46 | 924 | 126.0 | |
| 10 41.0 | 240.45 | 30.0 | 13.8 | -22.57 | 929 | 49.4* | 44.2 | -136.79 | 922 | 130.6 | |
| 12 36.5 | 269.65 | 20.0 | 8.9 | -17.29 | 927 | 43.7* | 49.0 | -149.07 | 919 | 136.1* | |
| 14 31.9 | 298.85 | 0. | 0. | 0. | 924 | 39.9* | 57.8 | -165.37 | 915 | 140.1* | |
| 16 27.3 | 328.04 | -20.0 | -8.9 | 17.29 | 923 | 43.7* | -48.9 | 148.10 | 915 | 136.1* | |
| 18 22.7 | 357.24 | -30.0 | -13.7 | 28.57 | 923 | 49.4 | -44.0 | 136.82 | 915 | 130.6* | |
| 20 18.2 | 4.44 | -40.0 | -18.4 | 35.89 | 923 | 54.0 | -41.4 | 129.49 | 917 | 126.0* | |
| 22 13.6 | 33.64 | -45.0 | -23.5 | 45.52 | 923 | 60.7 | -38.3 | 119.87 | 919 | 119.3* | |
| 24 9.0 | 62.84 | -47.4 | -29.7 | 60.79 | 923 | 72.4 | -34.1 | 104.58 | 920 | 107.6* | |
| 26 4.4 | 92.04 | -49.8 | -35.9 | 82.67 | 922 | 90.0 | -28.9 | 82.71 | 922 | 90.0 | |

| | | | | | | | | | | | |
|----------------|--------|-------|-------|--------|-----|-------|-------|---------|-----|--------|--|
| MARCH 26, 1963 | | | | | | | | | | | |
| 0 10.6 | 114.04 | 47.4 | 29.0 | -82.65 | 924 | 90.0 | 29.0 | -82.71 | 920 | 90.0 | |
| 2 5.9 | 143.24 | 45.0 | 23.7 | -69.79 | 929 | 72.4* | 34.1 | -104.58 | 926 | 107.6 | |
| 5 51.3 | 172.44 | 40.0 | 19.5 | -45.52 | 929 | 60.7* | 38.3 | -119.85 | 926 | 119.3 | |
| 8 47.0 | 201.64 | 35.0 | 16.5 | -35.90 | 927 | 54.0* | 41.4 | -129.47 | 924 | 126.0 | |
| 10 42.2 | 230.84 | 30.0 | 13.7 | -22.57 | 926 | 49.4* | 44.1 | -136.79 | 923 | 130.6 | |
| 12 37.6 | 260.04 | 20.0 | 8.9 | -17.29 | 924 | 43.7* | 49.0 | -149.07 | 920 | 136.1* | |
| 14 33.0 | 289.24 | 0. | 0. | 0. | 921 | 39.9* | 57.8 | -165.38 | 917 | 140.1* | |
| 16 28.4 | 318.44 | -20.0 | -8.9 | 17.29 | 927 | 43.7 | -48.9 | 148.09 | 918 | 136.1* | |
| 18 23.8 | 347.64 | -30.0 | -13.7 | 28.57 | 923 | 49.4 | -44.1 | 136.81 | 919 | 130.6* | |
| 20 19.2 | 3.84 | -40.0 | -18.4 | 35.90 | 923 | 54.0 | -41.4 | 129.48 | 920 | 126.0* | |
| 22 14.6 | 32.04 | -45.0 | -23.5 | 45.52 | 924 | 60.7 | -38.3 | 119.86 | 922 | 119.3* | |
| 24 10.0 | 61.24 | -47.4 | -29.7 | 60.79 | 923 | 72.4 | -34.1 | 104.58 | 923 | 107.6* | |
| 26 5.4 | 90.44 | -49.8 | -35.9 | 82.67 | 924 | 90.0 | -28.9 | 82.71 | 924 | 90.0 | |

| | | | | | | | | | | | |
|----------------|--------|-------|-------|--------|-----|-------|-------|---------|-----|--------|--|
| MARCH 27, 1963 | | | | | | | | | | | |
| 1 11.1 | 123.67 | 47.4 | 29.0 | -82.67 | 926 | 90.0* | 29.0 | -82.71 | 926 | 90.0* | |
| 3 6.5 | 152.87 | 45.0 | 23.7 | -69.79 | 924 | 72.4* | 34.1 | -104.59 | 926 | 107.6 | |
| 5 52.0 | 182.07 | 40.0 | 19.5 | -45.52 | 925 | 60.7* | 38.3 | -119.86 | 926 | 119.3 | |
| 8 47.6 | 211.27 | 35.0 | 16.4 | -35.90 | 923 | 54.0* | 41.4 | -129.48 | 925 | 126.0 | |
| 10 42.8 | 240.47 | 30.0 | 13.7 | -22.57 | 927 | 49.4* | 44.1 | -136.81 | 923 | 130.6 | |
| 12 38.2 | 269.67 | 20.0 | 8.9 | -17.29 | 923 | 43.7* | 49.0 | -149.09 | 921 | 136.1* | |
| 14 33.6 | 298.87 | 0. | 0. | 0. | 919 | 39.9* | 57.8 | -165.39 | 919 | 140.1* | |
| 16 29.0 | 328.07 | -20.0 | -8.9 | 17.29 | 923 | 43.7 | -48.9 | 148.09 | 921 | 136.1* | |
| 18 24.4 | 357.27 | -30.0 | -13.7 | 28.57 | 923 | 49.4 | -44.1 | 136.81 | 924 | 130.6* | |
| 20 19.8 | 4.46 | -40.0 | -18.4 | 35.90 | 924 | 54.0 | -41.4 | 129.48 | 924 | 126.0* | |
| 22 15.2 | 33.66 | -45.0 | -23.5 | 45.52 | 925 | 60.7 | -38.3 | 119.86 | 925 | 119.3* | |
| 24 10.6 | 62.86 | -47.4 | -29.7 | 60.79 | 924 | 72.4 | -34.1 | 104.59 | 926 | 107.6* | |
| 26 5.9 | 92.06 | -49.8 | -35.9 | 82.67 | 927 | 90.0* | -28.9 | 82.71 | 927 | 90.0* | |

| EQUATOR S-N | | | | SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES | | | | | | | |
|----------------|--------|-------|-------|---|------|--------|-------|---------|------|--------|--|
| TIME | LONG. | LAT. | TIME | LONG. | HT. | BEAR. | TIME | LONG. | HT. | BEAR. | |
| (UT) | (W) | | CORR. | CORR. | (MI) | (IN-E) | CORR. | CORR. | (MI) | (IN-E) | |
| MARCH 28, 1963 | | | | | | | | | | | |
| 0 20.2 | 124.00 | 47.4 | 28.8 | -82.68 | 924 | 90.0* | 28.8 | -82.72 | 924 | 90.0* | |
| 2 15.7 | 153.20 | 45.0 | 23.7 | -69.80 | 923 | 72.4* | 34.1 | -104.60 | 924 | 107.6 | |
| 4 11.7 | 182.40 | 40.0 | 19.5 | -45.53 | 921 | 60.7* | 38.2 | -119.87 | 923 | 119.3 | |
| 6 8.4 | 211.60 | 35.0 | 16.4 | -35.91 | 920 | 54.0* | 41.3 | -129.49 | 923 | 126.0 | |
| 8 2.0 | 240.80 | 30.0 | 13.7 | -22.59 | 919 | 49.4* | 44.0 | -136.82 | 922 | 130.6 | |
| 9 57.5 | 270.00 | 20.0 | 8.9 | -17.27 | 918 | 43.7* | 48.9 | -149.10 | 921 | 136.1* | |
| 11 52.9 | 299.20 | 0. | 0. | 0. | 917 | 39.9* | 57.7 | -165.40 | 921 | 140.1* | |
| 13 48.3 | 328.40 | -20.0 | -8.9 | 17.29 | 921 | 43.7 | -49.0 | 148.09 | 924 | 136.1* | |
| 15 43.6 | 357.60 | -30.0 | -13.7 | 28.57 | 923 | 49.4 | -44.1 | 136.80 | 926 | 130.6* | |
| 17 39.0 | 4.80 | -40.0 | -18.4 | 35.90 | 925 | 54.0 | -41.4 | 129.47 | 927 | 126.0* | |
| 19 34.4 | 34.00 | -45.0 | -23.5 | 45.52 | 926 | 60.7 | -38.3 | 119.86 | 928 | 119.3* | |
| 21 29.8 | 63.20 | -47.4 | -29.7 | 60.79 | 924 | 72.4 | -34.1 | 104.59 | 929 | 107.6* | |
| 23 25.2 | 92.40 | -49.8 | -35.9 | 82.67 | 923 | 90.0* | -28.9 | 82.71 | 929 | 90.0* | |

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|----------------|--------|-------|-------|--------|-----|-------|-------|---------|-----|--------|--|
| MARCH 29, 1963 | | | | | | | | | | | |
| 1 20.4 | 143.54 | 47.4 | 28.8 | -82.69 | 920 | 90.0* | 28.8 | -82.73 | 920 | 90.0* | |
| 3 15.4 | 172.74 | 45.0 | 23.6 | -69.80 | 919 | 72.4* | 34.0 | -104.61 | 921 | 107.6 | |
| 5 11.0 | 201.94 | 40.0 | 19.5 | -45.53 | 918 | 60.7* | 38.2 | -119.88 | 921 | 119.3 | |
| 7 7.2 | 231.14 | 35.0 | 16.4 | -35.91 | 917 | 54.0* | 41.3 | -129.50 | 921 | 126.0 | |
| 9 2.7 | 260.34 | 30.0 | 13.7 | -22.58 | 916 | 49.4* | 44.0 | -136.83 | 921 | 130.6 | |
| 10 58.1 | 290.54 | 20.0 | 8.9 | -17.30 | 915 | 43.7* | 48.8 | -148.11 | 921 | 136.1* | |
| 12 53.5 | 320.74 | 0. | 0. | 0. | 916 | 39.9* | 57.7 | -165.41 | 922 | 140.1* | |
| 14 48.0 | 350.94 | -20.0 | -8.9 | 17.29 | 921 | 43.7 | -49.0 | 148.07 | 927 | 136.1* | |
| 16 43.4 | 3.14 | -30.0 | -13.7 | 28.57 | 924 | 49.4 | -44.1 | 136.79 | 929 | 130.6* | |
| 18 38.8 | 32.34 | -40.0 | -18.4 | 35.90 | 926 | 54.0 | -41.4 | 129.47 | 930 | 126.0* | |
| 20 34.2 | 61.54 | -45.0 | -23.5 | 45.52 | 928 | 60.7 | -38.3 | 119.85 | 932 | 119.3* | |
| 22 29.6 | 90.74 | -47.4 | -29.7 | 60.79 | 921 | 72.4 | -34.1 | 104.59 | 933 | 107.6* | |
| 24 25.0 | 120.94 | -49.8 | -35.9 | 82.67 | 923 | 90.0* | -28.9 | 82.71 | 933 | 90.0* | |

| | | | | | | | | | | | |
|----------------|--------|-------|-------|--------|-----|-------|-------|---------|-----|--------|--|
| MARCH 30, 1963 | | | | | | | | | | | |
| 0 26.1 | 123.77 | 47.4 | 28.5 | -82.70 | 917 | 90.0* | 28.8 | -82.74 | 917 | 90.0* | |
| 2 21.4 | 152.97 | 45.0 | 23.6 | -69.81 | 916 | 72.4* | 34.0 | -104.62 | 918 | 107.6 | |
| 4 17.0 | 182.17 | 40.0 | 19.4 | -45.54 | 915 | 60.7* | 38.2 | -119.89 | 919 | 119.3 | |
| 6 12.3 | 211.37 | 35.0 | 16.4 | -35.91 | 914 | 54.0* | 41.2 | -129.51 | 919 | 126.0 | |
| 8 7.0 | 240.57 | 30.0 | 13.7 | -22.58 | 913 | 49.4* | 43.9 | -136.84 | 919 | 130.6 | |
| 10 2.3 | 269.77 | 20.0 | 8.9 | -17.30 | 913 | 43.7* | 48.8 | -148.12 | 920 | 136.1* | |
| 11 58.7 | 299.97 | 0. | 0. | 0. | 915 | 39.9* | 57.6 | -165.42 | 921 | 140.1* | |
| 13 54.1 | 329.17 | -20.0 | -8.9 | 17.29 | 922 | 43.7 | -49.0 | 148.06 | 926 | 136.1* | |
| 15 49.4 | 358.37 | -30.0 | -13.7 | 28.57 | 925 | 49.4 | -44.2 | 136.76 | 927 | 130.6* | |
| 17 44.8 | 3.37 | -40.0 | -18.4 | 35.90 | 928 | 54.0 | -41.5 | 129.45 | 931 | 126.0* | |
| 19 40.2 | 32.57 | -45.0 | -23.5 | 45.52 | 931 | 60.7 | -38.4 | 119.84 | 935 | 119.3* | |
| 21 35.6 | 61.77 | -47.4 | -29.7 | 60.79 | 934 | 72.4 | -34.2 | 104.58 | 936 | 107.6* | |
| 23 31.0 | 90.97 | -49.8 | -35.9 | 82.67 | 936 | 90.0* | -28.9 | 82.70 | 936 | 90.0* | |

MODIFIED ORBITAL ELEMENTS FOR EARTH SATELLITE 1960 IOTA 1

REFERENCE TIME 1963 Y. 3 M. 16 D. 0 H. 44.40 M. UT

INCLINATION 47.27 DEG.

ASCENDING NODE LONG. 120.19 DEG. WEST

PERIOD 144.71 MIN. (DAY -10.73 MIN.)

PROJECT 10073 RECORD CARD

| | | | | | |
|---|--|---|--|---|--|
| 1. DATE 31 March 1963 | | 2. LOCATION Dayton, Ohio | | 12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical | |
| 3. DATE-TIME GROUP Local 2000 GMT 01/0100Z Apr | | 4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar | | | |
| 5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 6. SOURCE Civilian | | | |
| 7. LENGTH OF OBSERVATION not reported | | 8. NUMBER OF OBJECTS one | | 9. COURSE NE | |
| | | | | <input checked="" type="checkbox"/> Other <u>ECHO I</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown | |
| 10. BRIEF SUMMARY OF SIGHTING Starlike object observed at dusk. Duration not reported. Object observed in NE. No flight path indicated. Object flashed or flickered. Gave appearance of being solid. | | | | 11. COMMENTS Satellite ECHO I over Dayton north of city at 64 dgr elevation heading NE at 1954. Case evaluated as ECHO I. | |

U.S. AIR FORCE TECHNICAL INFORMATION SHEET

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

1. When did you see the object?

31 MARCH 1963
Day Month Year

2. Time of day:

2000
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?

McDowell Dr
Nearest Postal Address

City or Town

Dayton
State or Country

Additional remarks:

5. How long was object in sight?

Hours

Minutes

Seconds

5.1 How was time in sight determined?

a. Certain
b. Fairly certain

c. Not very sure
d. Just a guess

6. What was the condition of the sky?

DAY

a. Bright
b. Cloudy

NIGHT

a. Bright
b. Cloudy

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

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

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

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:

like a star

(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 same

11. Did the object:

(Circle One for each question)

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

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

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved behind: _____

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

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

in front of: _____

14. Did the object appear:

(Circle One):

a. Solid

b. Transparent

c. Vapor

d. Don't Know

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

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

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

- a. Sound noise
- b. Color light blue & grey

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?

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?

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

28.1 What direction were you moving? (Circle One)

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

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

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

(Circle One) Yes No

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

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

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

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

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

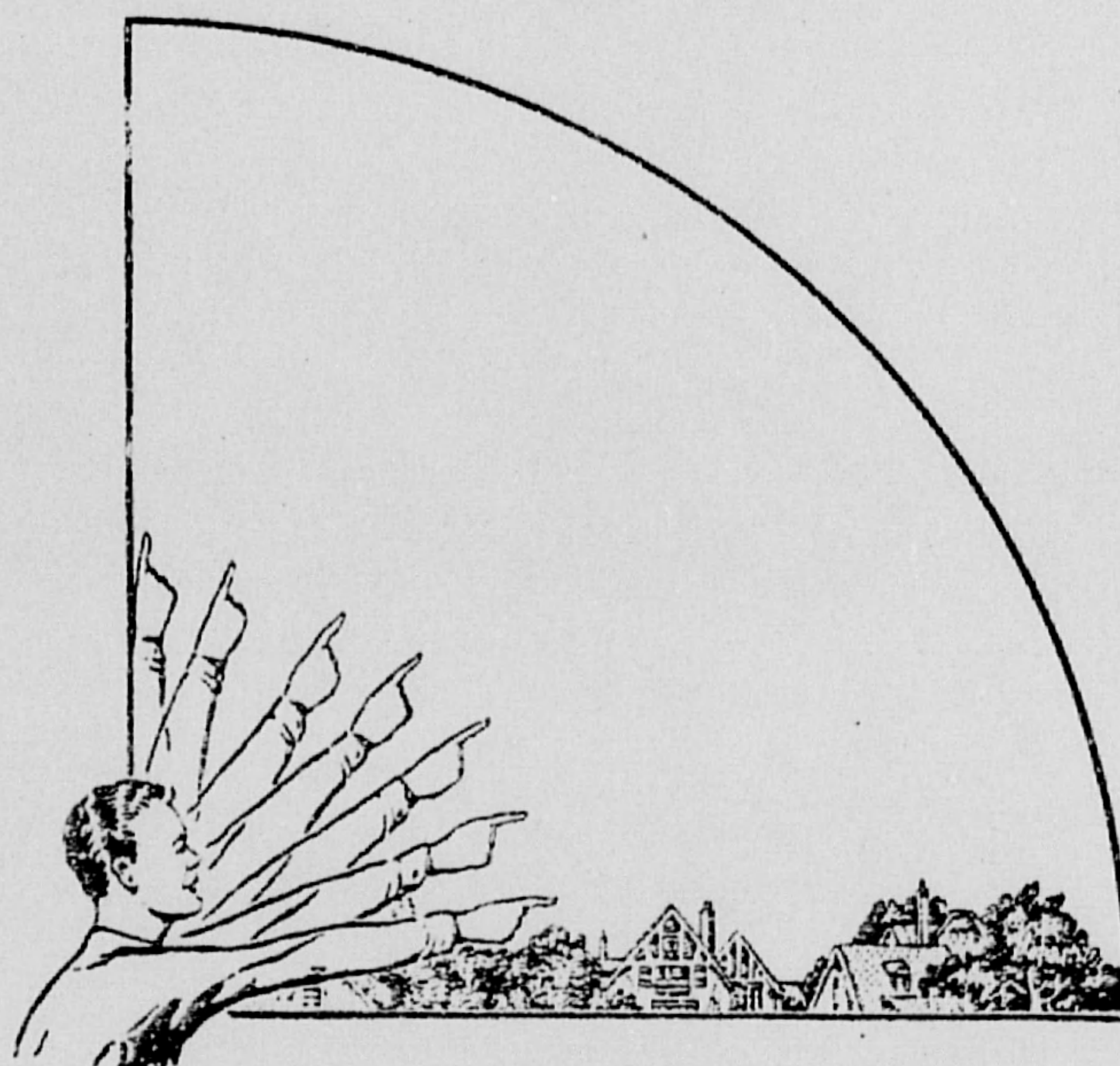
31.1 When it first appeared:

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

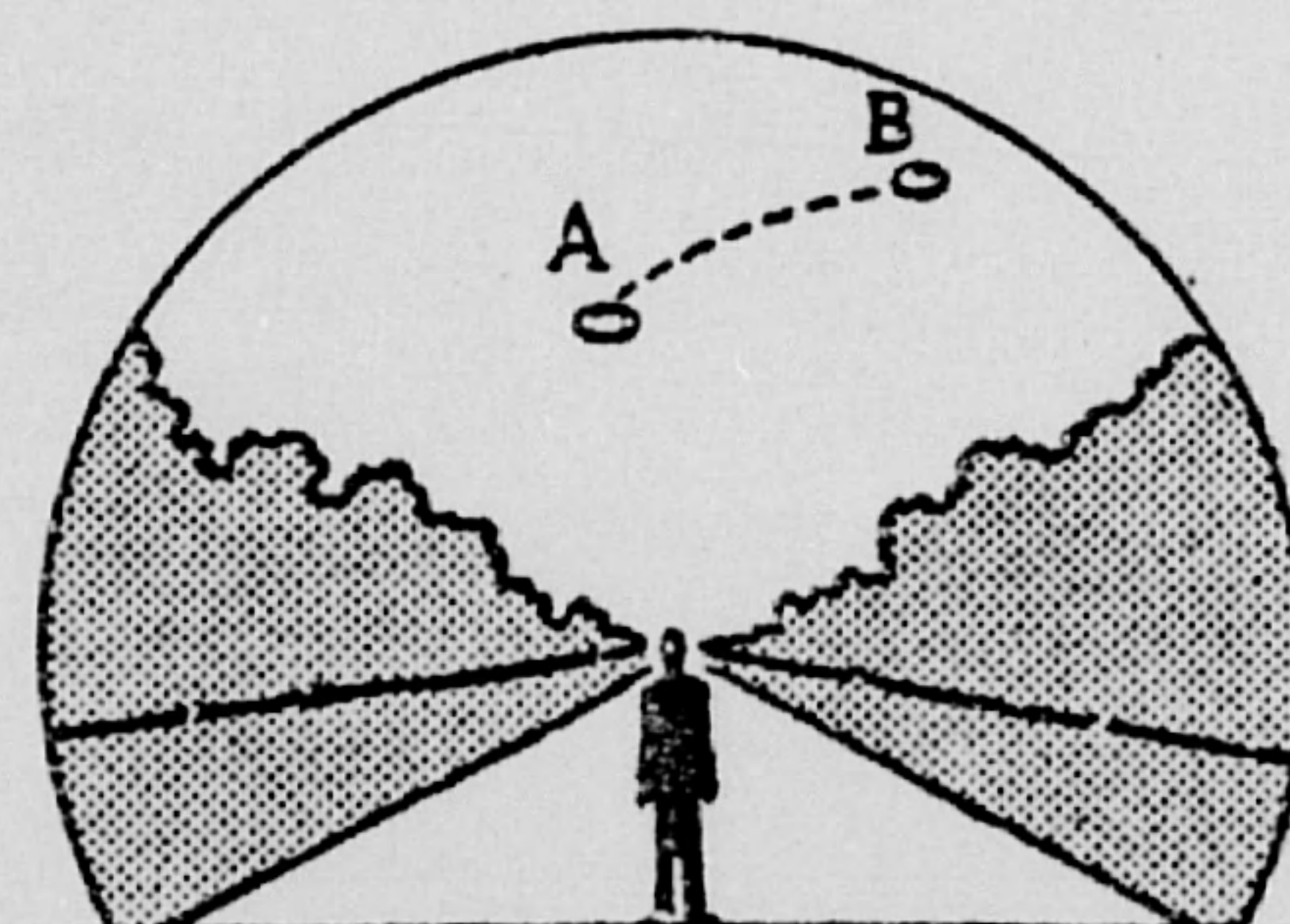
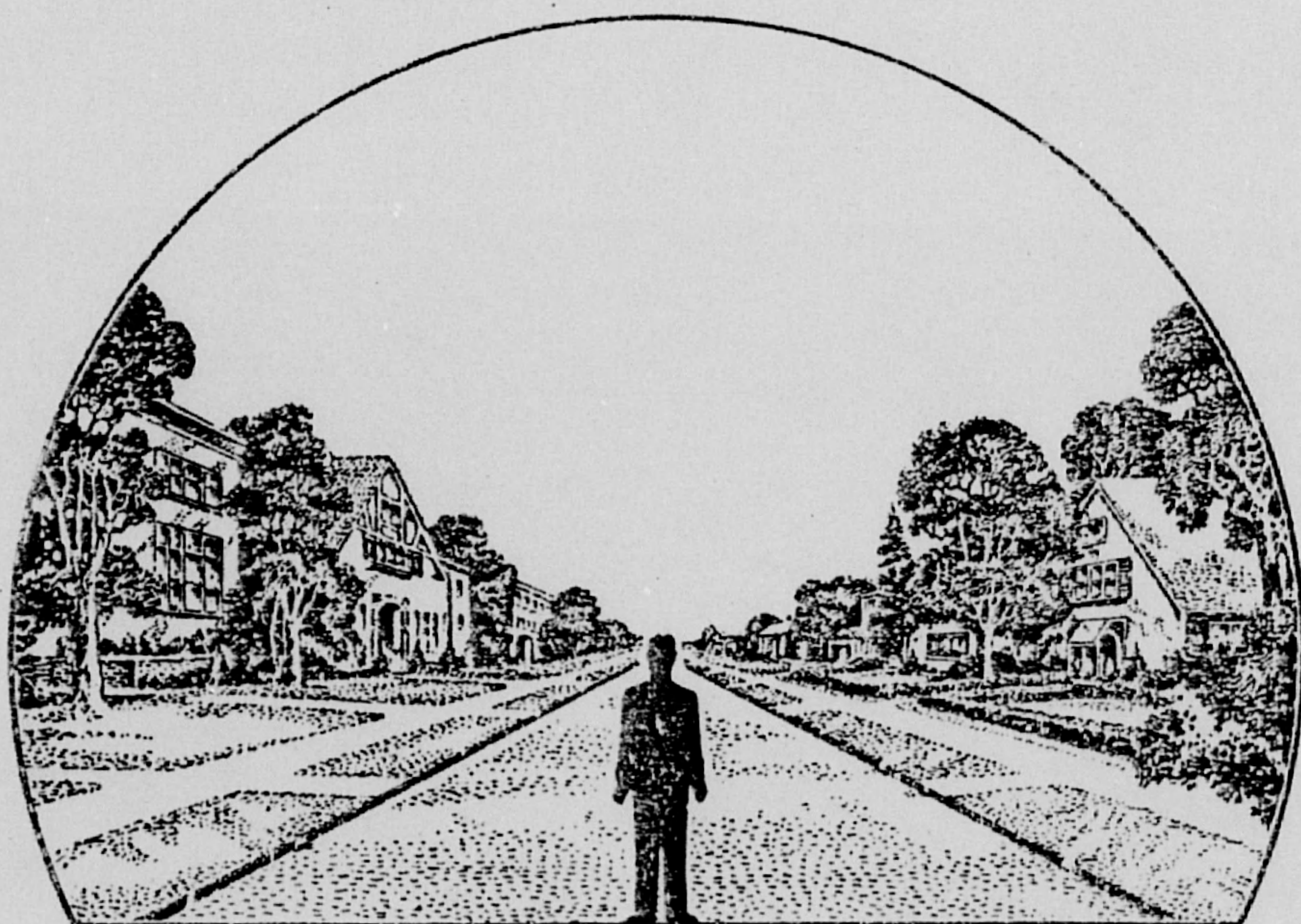
31.2 When it disappeared:

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

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



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



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

(Circle One) Yes No

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

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

(Circle One) Yes No

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 _____ Sex Female

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:

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?

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



(Please Print)

(Do Not Write in This Space)

CODE:

SIGNATURE

F T D Duty Officer

DATE

