# PROJECT 10073 RECORD CARD

| | | |
|---|---|---|
| 1. DATE<br>5 September 1962 | 2. LOCATION<br>Manitowoc, Wisconsin<br>North Central U.S. | 12. CONCLUSIONS<br>☐ Was Balloon<br>☐ Probably Balloon<br>☐ Possibly Balloon<br>☐ Was Aircraft<br>☐ Probably Aircraft<br>☐ Possibly Aircraft<br>☐ Was Astronomical<br>☐ Probably Astronomical<br>☐ Possibly Astronomical<br>☒ Other Decay Sputnik IV<br>☐ Insufficient Data for Evaluation<br>☐ Unknown |
| 3. DATE-TIME GROUP<br>Local _____<br>GMT 05/0945Z | 4. TYPE OF OBSERVATION<br>☒ Ground-Visual ☐ Ground-Radar<br>☒ Air-Visual ☐ Air-Intercept Radar | |
| 5. PHOTOS<br>☐ Yes Physical<br>☒ No Specimen | 6. SOURCE<br>Civilian & Military | |
| 7. LENGTH OF OBSERVATION<br>about 2 minutes | 8. NUMBER OF OBJECTS<br>disintegrating one | 9. COURSE<br>SE |

10. BRIEF SUMMARY OF SIGHTING

SAC aircrews observed obj reentering Earth's atmosphere, burning & exploding. Red with sparks trailing. Additional reports from ground observers throughout Wisconsin, Minnesota, North Dakota, Michigan, and South Dakota. Also rptd fm as far south as Sioux City, Iowa.

11. COMMENTS

Part of obj recovered in Monotowoc Wisconsin analysis showed obj to be part of Satellite Decay. Sputnik IV identified as the obj of decay by SPADATS.

ATIC FORM 329 (REV 26 SEP 52)

UNCLASSIFIED

[redacted]

ACTION

F

E (VF)

IMMEDIATE

Sect I

F T D
HQA135
CO RUCDSQ
ZEL
LBB483
OO RUCKHC RUCDSQ RUDANH
DE RUWGALD 1D
O 062345Z
FM CINCNORAD
TO RUEAHQ/JCS
RUEKCR/JACE AJCC FT RITCHIE MD
ZEN/JACE AFLOAT NORFORK VA
RUEKCR/JACE ABORNE ANDREWS
RUEAHQ/DIA WASH D C
RUEPDA/DA
ZEN/DEPT OF STATE WASH D C
RUEAHQ/CSAF
RUEAHQ/DIRNSA WASH D C
RUKDAG/CINCAL
RUCSDR/CINCSAC
RULPC/CINCARIB
RUFLCR/USCINCEUR
RUHPA/CINCPAC
RUCKHC/CINCLANT
RUCDSQ/FTD WPAFB O
RUDANR/CINCUSNAVEUR
RUECW/ONI
RUEPIA/CIA WASH D C
AF GRNC
FT

Classification Cancelled
(or changed to UNCLASSIFIED)
Auth: Director, DDP
By: A. Fuentealba
Date: 2 Jan 68

AFR 205-1, Par 2-17a
2 Jan 68

N1TA-S 401

[redacted]

PAGE FIVE RUWGALB 1D

SPUTNIK 23: THIRD STAGE ROCKET BODY (SPADATS OBJECT 371) AND ONE OTHER ASSOCIATED PIECE DECAYED ON 28 AUG 62. UNIDENTIFIED OBJECT (SPADATS OBJECT 372) AND ONE OTHER ASSOCIATED PIECE DECAYED DURING PERIOD 0001Z-1200Z/2 SEPTEMBER 1962. FOURTH STAGE BOOSTER (SPADATS OBJECT 373) DECAYED DURING PERIOD 1200Z-2400Z/31 AUGUST 1962. VENUS PROBE (SPADATS OBJECT 376) IS EXPECTED TO DECAY ON 7 SEPTEMBER 1962. OTHER PIECES ASSOCIATED WITH THIS LAUNCH AND THEIR STATUS ARE: SPADATS OBJECT 380 - ESTIMATED TO HAVE DECAYED ON 5 AUGUST 1962. SPADATS OBJECT 379 - DECAYED DURING PERIOD 1200Z-2400Z/30 AUG 62 SPADATS OBJECT 386 - ESTIMATED DECAY DATE - 11 SEPTEMBER 1962. SPADATS OBJECT 387 - ESTIMATED DECAY DATE 9 SEPTEMBER 1962. TWO OTHER PIECES DECAYED PRIOR TO ASSIGNMENT OF OBJECT NUMBERS. OBJECTS 371 AND 372, WITH ASSOCIATED PIECES, HAD INCLINATIONS OF 64.89 DEGREES. OBJECTS 373, 376, 379, 380, 386, 387 AND TWO OTHER PIECES HAD INCLINATIONS OF 65.59 DEGREES.

SPUTNIK 24: THIRD STAGE ROCKET BODY (SPADATS OBJECT 382) AND ONE ASSOCIATED PIECE DECAYED AT APPROXIMATELY 0600Z/3 SEPTEMBER 1962. UNIDENTIFIED OBJECT

BT

07/0030Z SEP RUWGALB

UNCLASSIFIED

DOWNGRADED TO UNCLASSIFIED DCR 5200.10 NOT APPLICABLE

Cy #3

SPADATS OBJECT 36, WHICH IS ALSO ASSOCIATED WITH THE SPUTNIK IV ORBITAL TRAJECTORY, WILL DECAY ACCORDING TO THE BEST ESTIMATES AVAILABLE, IN THE SUMMER OF 1967. BASED ON RADAR SIGNATURE ANALYSIS ON ORBIT 12,647, THIS OBJECT HAS THE CONFIGURATION OF A SPHERE WITH RADIUS OF EIGHT FEET.

STATUS OF SPUTNIKS 14, 15, 17, 18, 22, 23 AND 24

SPUTNIK 14 (COSMOS II): PAYLOAD IN ORBIT, ESTIMATED DECAY DATE 15 OCTOBER 1962. ROCKET BODY IN ORBIT, ESTIMATED DECAY DATE 17 OCTOBER 1962.

SPUTNIK 15 (COSMOS III): PAYLOAD IN ORBIT, ESTIMATED DECAY DATE - 14 NOVEMBER 1962.

SPUTNIK 17 (COSMOS V): PAYLOAD IN ORBIT, ESTIMATED DECAY DATE - 30 JULY 1963. ROCKET BODY IN ORBIT, ESTIMATED DECAY DAT - 14 FEBRUARY 1963.

SPUTNIK 18 (COSMOS VI): PAYLOAD IN ORBIT, ESTIMATED DECAY DATE - 11 SEPTEMBER 1962.

SPUTNIK 22 (COSMOS VIII): PAYLOAD IN ORBIT, ESTIMATED DECAY DATE - 28 MAY 1964. ROCKET BODY IN ORBIT, ESTIMATED DECAY DATE - 9 APRIL 1963.



SPUTNIK 23: THIRD STAGE ROCKET BODY (SPADATS OBJECT 371) AND ONE OTHER ASSOCIATED PIECE DECAYED ON 23 AUG 62. UNIDENTIFIED OBJECT (SPADATS OBJECT 372) AND ONE OTHER ASSOCIATED PIECE DECAYED DURING PERIOD 22[illegible]Z-23[illegible]Z/2 SEPTEMBER 1962. FOURTH STAGE BOOSTER (SPADATS OBJECT 373) DECAYED DURING PERIOD 12[illegible]Z-24[illegible]Z/31 AUGUST 1962.

MINNESOTA; REPORTED A ONE MINUTE SIGHTING AT 270 DEGREES TRUE AZIMUTH AT 0945Z, ON A WHITE CIRCULAR OBJECT WITH RED TAILS AND OF INDETERMINATE SIZE. OBJECT APPEARED TO MOVE FROM WEST TO EAST AND DISAPPEARED AT 030 DEGREES TRUE AZIMUTH.



ANALYSIS BY SPADATS INDICATES THAT OBJECT 34 WAS RAPIDLY DECAYING AND WOULD HAVE BEEN IN THE VICINITY AT THE TIME OF THE OBSERVATIONS. IT IS CONCLUDED THAT THE OBJECTS OBSERVED WERE OBJECTS ASSOCIATED WITH THE BREAK UP AND DECAY OF OBJECT 34.

INFORMATION HAS REACHED THIS HEADQUARTERS THAT SEVERAL PIECES PROBABLY ASSOCIATED WITH THIS BREAK UP AND DECAY HAVE BEEN PICKED UP. ONE OF THESE PIECES IS NOW AT THE CIVIL DEFENSE OFFICE, EVERITT, WASHINGTON. THIS PIECE IS TO BE PICKED UP BY PERSONNEL OF THE 25TH NORAD REGION HEADQUARTERS AND FORWARDED TO FTD, WRIGHT-PATTERSON AFB. ONE OTHER PIECE WEIGHING APPROXIMATELY 20 POUNDS WAS FOUND IN A STREET IN MANITOWOC (41N/87W), WISCONSIN, AND WAS PRESUMALBY FORWARDED, ACCORDING TO PRESS REPORTS, TO THE SMITHSONIAN ASTROPHYSICAL LABORATORIES. RADAR SIGNATURE ANALYSIS OF ORJECT 34 OBTAINED ON ORBIT 13,050 INDICATED THIS OBJECT HAD THE CONFIGURATION OF A TRUNCATED CONE, 13 FEET LONG WITH A BASE DIAMETER OF TEN FEET. DATA INDICATED THE OBJECT WAS STABILIZED.



SPADATS OBJECT 36, WHICH IS ALSO ASSOCIATED WITH THE

[redacted] FROM NITA-S X-401. SEC ONE OF TWO.

JCS FOR J-2. DA PASS TO ACSI/DA. CSAF FOR AFCIN-P1. DIRNSA FOR A41 SIGTRACK. CIA, ATTN: OSI/SPACE DIV FOR MR. DAVID STEVENSON. DEPT OF STATE FOR MR. HOWARD WIEDEMAN, INR. DIA FOR DIAAP-3A3, ATTN: MR. R. A. BAUMLER. ONI FOR OP922Y. THIS IS NORAD FRAGMENTARY REPORT NUMBER 29-62. REFERENCE SICR D-ACQ-01799. SPUTNIK IV - ONE OBJECT (SPADATS OBJECT 34) IS BELIEVED TO HAVE BROKEN UP AND DECAYED OVER THE NORTH AMERICAN CONTINENT DURING PERIOD OF 0938Z-0948Z 15 SEP



TEMBER 1962. THE BMEWS II SITE AT CLEAR, ALASKA, DETECTED THIS OBJECT ON ORBIT 13, 169 AT APPROXIMATELY 0935Z. IT WAS NOT DETECTED BY THE SPASUR SYSTEM ON THIS ORBIT. NORMALLY SPASUR WOULD HAVE DETECTED IT.

A KC-135A AIRCRAFT WHILE FLYING ON TRUE NORTH HEADING AT 35,000 FEET ALTITUDE, 458 KNOTS, OVER 42:40N/96:23W, APPROXIMATELY 10 NAUTICAL MILES NORTH OF SIOUX CITY, IOWA, REPORTED A TWO MINUTE SIGHTING AT 005 DEGREES TRUE AZIMUTH, BEGINNING AT 0947Z, ON A BRIGHT WHITE CIRCULAR OBJECT.

OBJECT SEPARATED INTO APPROXIMATELY 12 PIECES, EACH WITH RED TAIL, AFTER FIRST MINUTE AND DISAPPEARED INTO THE EAST.

A B52E AIRCRAFT WHILE FLYING ON A 225 DEGREE TRUE AZIMUTH HEADING AT 37,000 FEET, 473 KNOTS OVER 43:20N/93/15W, APPROXIMATELY 100 NAUTICAL MILES SOUTH OF MINNEAPOLIS, MINNESOTA; REPORTED A ONE MINUTE SIGHTING AT 270 DEGREES TRUE AZIMUTH AT 0945Z, ON A WHITE CIRCULAR OBJECT WITH RED TAILS AND OF INDETERMINATE SIZE. OBJECT APPEARED TO MOVE FROM WEST TO EAST AND DISAPPEARED AT 090 DEGREES TRUE AZIMUTH.

UNCLASSIFIED

[redacted] 1) f

FTD

IQA134C

DO RUCDSQ

ZEL

LBB432

CO RUCKHC RUCDSQ RUDANR

DE RUWCALB 2D

O 062343Z

FM CINCNORAD

TO RUEAHQ/JCS

RUEKCR/JACE AJCC FT RITCHIE MD

ZEN/JACE AFLOAT NORFORK VA

RUEKCR/JACE ADORNE ANDREWS

RUEAHQ/DIA WASH D C

RUEPDA/DA

ZEN/DEPT OF STATE WASH D C

RUEAHQ/CSAF

RUEAHQ/DIRNSA WASH D C

RUKDAG/CINCAL

RUCSBR/CINCSAC

RULFC/CINCARIB

RUFLCR/USCINCEUR

RUHPA/CINCPAC

RUCKHC/CINCLANT

RUCDSQ/FTD WPAFB O

RUDANR/CINCUSNAVEUR

RUECW/ONI

RUEPIA/CIA WASH D C

AF GRNC

DTG 062343Z SEP 7 05 56

OPERATIONAL
IMMEDIATE

Classification Cancelled
(or changed to _____)
Auth. _____
By _____
Date _____

Reject 1)

ET

[redacted] FROM NITA-S K-401. SECTION TWO OF ONE

(SPADATS OBJECT 331) ESTIMATED DECAY DATE-7 SEPTEMBER.

THIRD YEAR LEOOSTER (SPADATS OBJECT 333) ESTIMATED DECAY

DATE-13 SEPTEMBER 1962. VENUS PROBE (SPADATS OBJECT 334)

ESTIMATED DECAY DATE -23 SEPTEMBER 1962. SCP-1

[redacted]

ZEN/DEPT OF STATE WASH D C

RUEAHQ/CSAF

RUEAHQ/DIRNSA WASH D C

RUKDAG/CINCAL

RUCSER/CINCSAC

RULFC/CINCARIB

RUFLCR/USCINCEUR

RUHPA/CINCPAC

RUCKNC/CINCLANT

RUCDSQ/FTD WPAFB O

RUDANR/CINCUSNAVEUR

RUECW/ONI

RUEPIA/CIA WASH D C

AF CRSC

[redacted]

ET

[redacted] FROM NITA-S X-401. SECTION TWO OF ONE (SPADATS OBJECT 331) ESTIMATED DECAY DATE-7 SEPTEMBER. THIRD YEAR LBOOSTER (SPADATS OBJECT 333) ESTIMATED DECAY DATE-18 SEPTEMBER 1962. VENUS PROBE (SPADATS OBJECT 334) ESTIMATED DECAY DATE -23 SEPTEMBER 1962. SCP-1

ET

07/2030Z SEP RUVCALB

UNCLASSIFIED

[redacted]

[redacted]

Cy #3

JOINT MESSAGEFORM

SECURITY CLASSIFICATION: UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

| PRECEDENCE | | TYPE MSG (Check) | | | ACCOUNTING SYMBOL | ORIG. OR REFERS TO | CLASSIFICATION OF REFERENCE |
|---|---|---|---|---|---|---|---|
| | | BOOK | MULTI | SINGLE | | | |
| ACTION | PRIORITY | | | | | | |
| INFO | PRIORITY | | X | | AF | X | |

FROM: 4043D STRATWG WPAFB OHIO

SPECIAL INSTRUCTIONS:

TO: NORAD

USAF WASH DC

SAFIS WASH DC

FTD WPAFB OHIO (COURIER)

INFO: SAC OFFUTT AFB NEBR

2AF BARKSDALE AFB LA

40AD WURTSMITH AFB MICH

UNCLASSIFIED DCOI 4233.

UFO, TWO SIGHTINGS. THIS REPORT IS AN EXPANSION OF AIRBORNE UFO REPORTS MADE BY TWO UNIT AIRCRAFT THIS DATE. ADDRESSEES DO NOT INCLUDE ANY BASE COMMANDER SINCE THE WIDE AREA ENCOMPASSED BY THE SIGHTINGS DOES NOT PERMIT READY IDENTIFICATION OF ANY ONE BASE AS RESPONSIBLE INVESTIGATIVE AGENCY. KC-135A, CALL SIGN PHIL 16 REPORTED SIGHTING BRIGHT WHITE CIRCULAR OBJECT OF UNKNOWN SIZE AT 005 DEGREES TRUE AZIMUTH WHILE AIRCRAFT WAS ON HEADING OF TRUE NORTH. AIRCRAFT WAS AT 35,000 FEET, 450 KNOTS

05/2235Z

| DATE | TIME |
|---|---|
| 5 | 1645 |
| MONTH | YEAR |
| SEP | 1962 |

WRITER

SYMBOL: DCOI

TYPED NAME AND TITLE (Signature, if required): W. P. STEPONKUS, 1/LT, USAF

PHONE: 79604 | PAGE NR. 1 | NR OF PAGES 3

SECURITY CLASSIFICATION: UNCLASSIFIED

RELEASER

SIGNATURE: G. A. McDonald

TYPED (or stamped) NAME AND TITLE:
GORMAN A MCDONALD
Lt Colonel, USAF
Chief, Intelligence Division

DD FORM 1 MAY 52 173 REPLACES DD FORM 173, 1 OCT 48, WHICH WILL BE USED UNTIL EXHAUSTED

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION: UNCLASSIFIED

FROM:

4043D STRATWG WPAFB OHIO

TAS, OVER 4240N 9623W, APPROXIMATELY 10 NM NORTH OF SIOUX CITY, IOWA, AT 05/0947Z WHEN OBJECT SIGHTED. DURATION OF SIGHTING WAS APPROXIMATELY TWO MINUTES. FOR THE FIRST MINUTE OBJECT APPEARED TO REMAIN STATIONARY BEFORE MOVING TO THE EAST SLOWLY. AFTER TAKING UP EAST HEADING APPEARED TO ACCELERATE RAPIDLY, DISAPPEARING INTO THE EAST. MOVING INTO THIS APPARENT TURN OBJECT SEEMED TO SEPARATE INTO SEVERAL WHITE DOTS, APPROXIMATELY 12 IN NUMBER, WITH EACH GIVING OFF TRAIL OF RED, SPARK LIKE DOTS. UFO WAS SIGHTED DURING PREPARATION FOR A TURN WHILE IN A NAVIGATIONAL LEG. SIGHTING WAS ENTIRELY VISUAL WITH NO ATTEMPT TO PICK UP OBJECT WITH AIRCRAFT RADAR. WEATHER WAS CLEAR, NIGHT, STARS BRILLIANT, AND NO MOON. RADIO CALL WAS MADE TO KANSAS CITY CENTER BY PILOT REPORTING SIGHTING. B-52E, CALL SIGN PLATE [redacted] OBSERVED BRIGHT, WHITE, CIRCULAR OBJECT WITH RED TAILS AND OF INDETERMINATE SIZE AT 270 DEGREES TRUE AZIMUTH WHILE ON A HEADING OF 225 DEGREES. AIRCRAFT ALTITUDE WAS 37,000 FEET AND SPEED 478 KNOTS. OBJECTS WERE FIRST OBSERVED AT APPROXIMATELY 05/0945Z WHILE AIRCRAFT WAS IN VICINITY OF 4320N 9315W, 100 NM SOUTH OF MINNEAPOLIS, MINNESOTA. OBJECT APPEARED TO MOVE FROM WEST TO EAST AT GREAT SPEED AND DISAPPEARED AT 030 DEGREES TRUE AZIMUTH, ~~FROM THE HORIZON~~. DURATION OF OBSERVATION WAS APPROXIMATELY ONE MINUTE. OBJECT SEEMED TO BE AT SAME LEVEL OF REPORTING AIRCRAFT ALTHOUGH CREW WAS UNABLE TO MAKE ANY ESTIMATE OF OBJECT SIZE OR DISTANCE FROM AIRCRAFT. WEATHER WAS CLEAR, NIGHT, ~~STARS BRILLIANT, AND NO MOON. CREW MADE RADIO REPORT TO~~

| SYMBOL | PAGE NR | NR OF PAGES | SECURITY CLASSIFICATION | INITIALS |
|---|---|---|---|---|
| DCOI | 2 | 3 | UNCLASSIFIED | |

DD FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1959 -469084

JOINT MESSAGEFORM - CONTINUATION SHEET

SECURITY CLASSIFICATION
UNCLASSIFIED

FROM:
4043D STRATWG WPAFB OHIO

MINNEAPOLIS CENTER, INFORMATION OBTAINED FROM BOTH CREWS PASSED TO FOREIGN TECHNOLOGY DIVISION BY TELEPHONE AT 05/1345Z HERE AT WRIGHT-PATTERSON AFB AND COMPLETED UFO DEBRIEFING FORMS (ATIC FORM 164) COURIERED TO FTD SHORTLY THEREAFTER.

| SYMBOL | PAGE NR | NR OF PAGES | SECURITY CLASSIFICATION | INITIALS |
|---|---|---|---|---|
| DCOI | 3 | 3 | UNCLASSIFIED | |

DD FORM 1 MAY 55 173-1

☆U. S. GOVERNMENT PRINTING OFFICE 1955 - 435084

# U.S. AIR FORCE TECHNICAL INFORMATION SHEET

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

1. When did you see the object?

5 (Day) Sept (Month) 52 (Year)

2. Time of day: 09 (Hour) 45Z (Minutes)

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

3. Time Zone:

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

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

4. Where were you when you saw the object?

— (Nearest Postal Address) 100 NW 50th Minneapolis (City or Town) Minn (State or Country)

Additional remarks: —

5. How long was object in sight? — (Hours) 1 (Minutes) 00 (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

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?

Brighter than Stars

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: Between us + the Light Northern horizon

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?

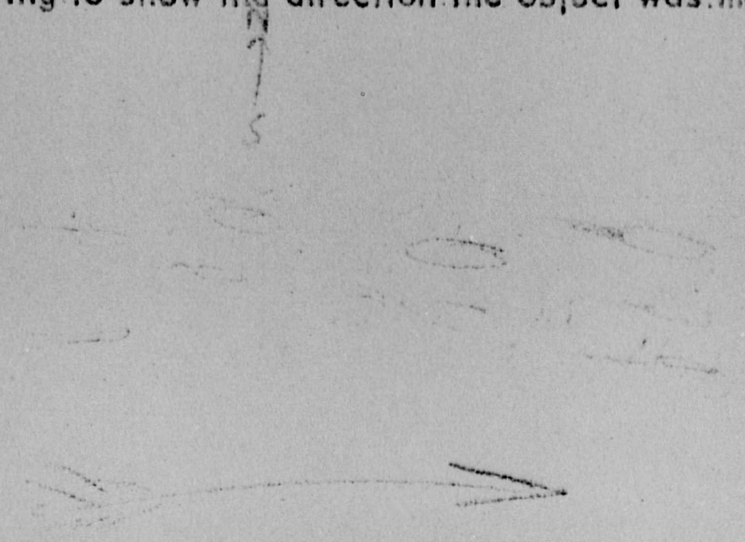
| | | | | | |
|---|---|---|---|---|---|
| a. Eyeglasses | Yes | (No) | e. Binoculars | Yes | (No) |
| b. Sun glasses | Yes | No | f. Telescope | Yes | No |
| c. Windshield | (Yes) | No | g. Theodolite | Yes | No |
| d. Window glass | Yes | No | h. Other _____ | | |

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

a. Sound None

b. Color Bright Lights — Some had red tails

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 Definite outline of the object

19. IF there was MORE THAN ONE object, then how many were there? More than a dozen
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

See 17

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.

See 17

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

Unable to determine size

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?

Seemed comparable to express train with lights on and spark flying out.

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

Just Faded away

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 22

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) B-52
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?

Just Looking Out

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? 550 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
(c.) East
b. Northeast
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).

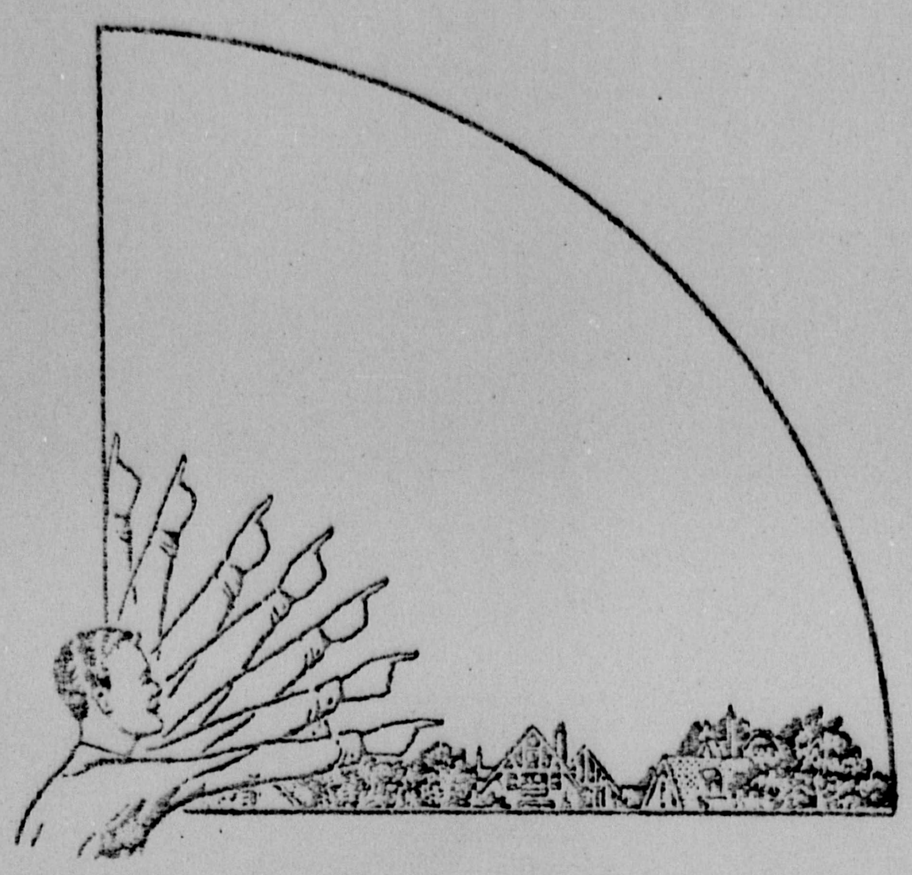
31.1 When it first appeared:

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

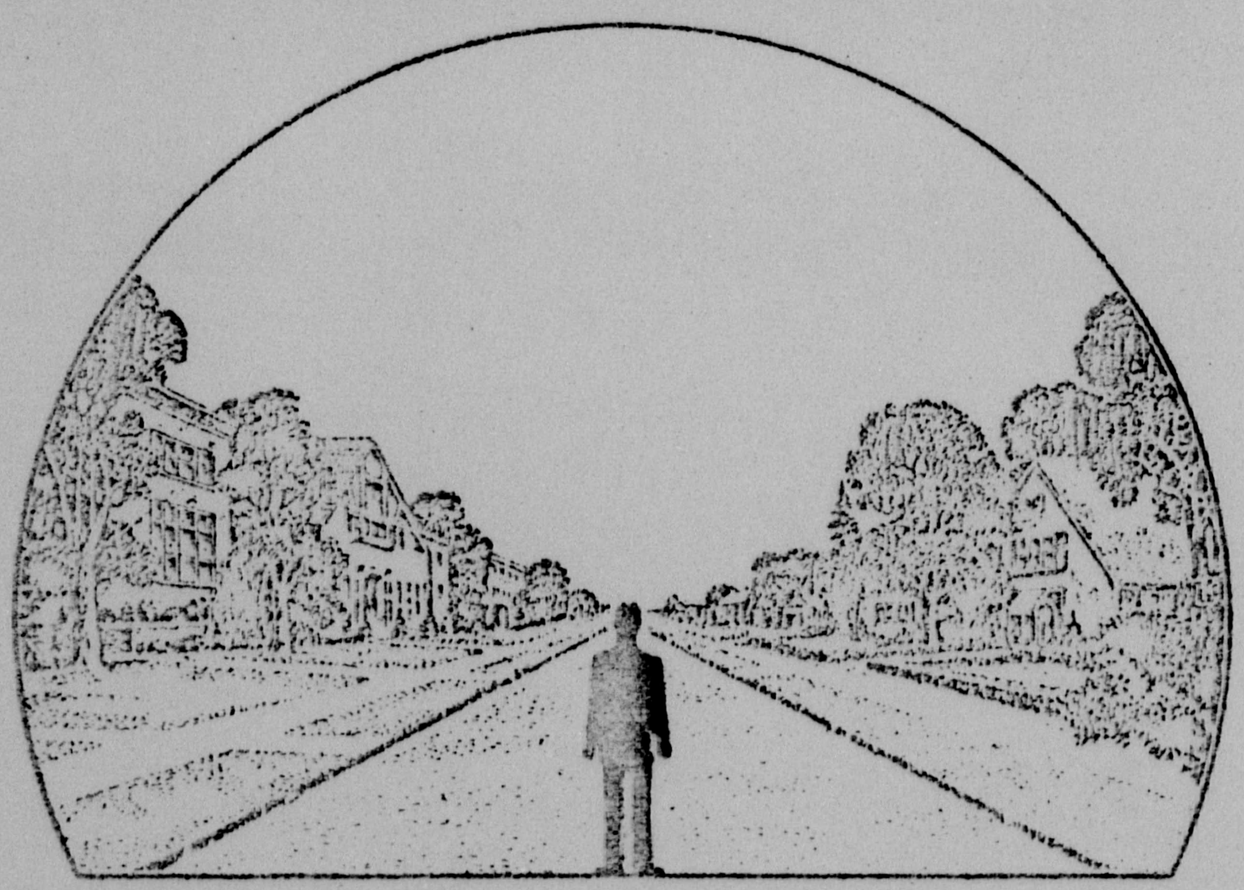
31.2 When it disappeared:

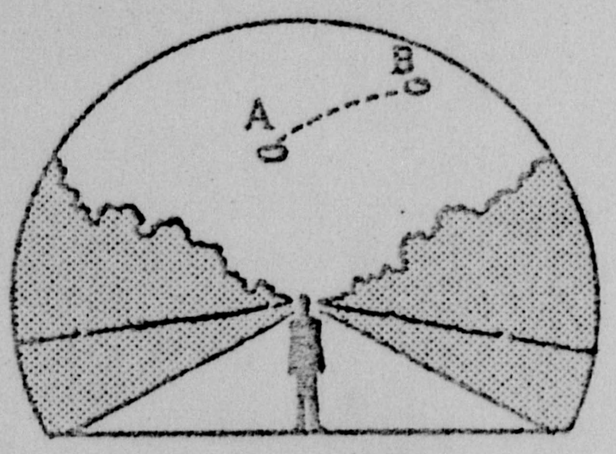
a. From true North _____ degrees.
b. From horizon _____ degrees.

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.





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? Minneapolis Center

5 / Day — Sept / Month — 52 / 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] S/Sgt AF 11 32 0465
Capt [redacted] 4043rd

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?

unknown

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: See 36.2

NAME _____ (Last Name) _____ (First Name) _____ (Middle Name)

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

TELEPHONE NUMBER _____

Age _____ Sex _____

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

42. Date you completed this questionnaire: 5 (Day) Sept (Month) 62 (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] Capt

SIGNATURE [redacted]

DATE 5 Sept 62

*(Do Not Write in This Space)*

CODE:

# 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?

05 (Day) 07 (Month) 62 (Year)

2. Time of day: 09 (Hour) 47 (Minutes) Z

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

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

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

4. Where were you when you saw the object?

_____ (Nearest Postal Address) SIOUX CITY (City or Town) IOWA, USA (State or Country)

Additional remarks: 42 350

5. How long was object in sight? ___ (Hours) 2 (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

ATIC FORM FEB 60 164 This form supersedes ATIC 164, 13 Oct 54.

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

Red Sparks. See Page 10

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

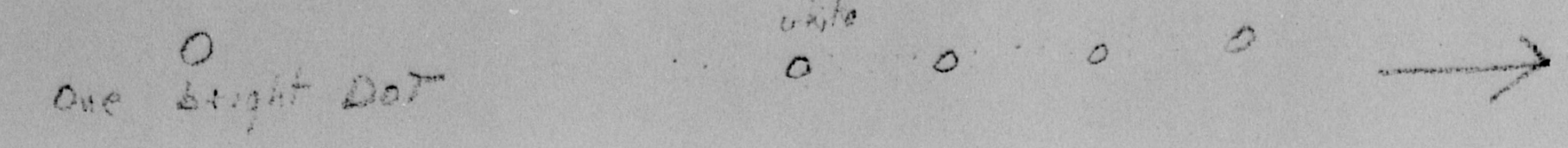
| | | | | | |
|---|---|---|---|---|---|
| a. Eyeglasses | Yes | No | e. Binoculars | Yes | No |
| b. Sun glasses | Yes | No | f. Telescope | Yes | No |
| c. Windshield | (Yes) | No | g. Theodolite | Yes | No |
| d. Window glass | Yes | No | h. Other _____ | | |

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

a. Sound none

b. Color White lights plus red spots

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:

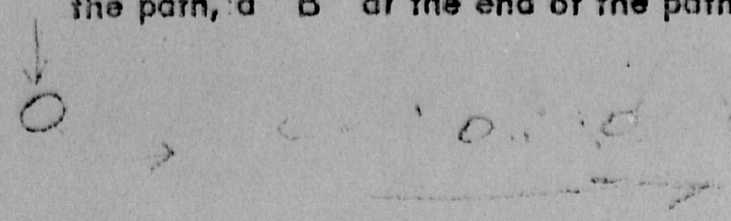
(Circle One): a. Fuzzy or blurred
b. Like a bright star white dots only
c. Sharply outlined
d. Don't remember
e. Other

19. IF there was MORE THAN ONE object, then how many were there? about 12

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

See 17 above

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?

Unknown due to unknown range

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?

Yes. At very high speed to the EAST

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.

Initially the object appeared as another aircraft coming our way with a landing light on. It appeared to be at our level. It was slightly to the right of a collision course. After about 1 minute it started to move to our right and accelerated then appeared as a string of white dots with red sparks between.

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) KC-135
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?

Flying → Navigation Leg. We were watching for other aircraft

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)* Aircraft

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

28.2 How fast were you moving? 450 K. TAS ~~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).

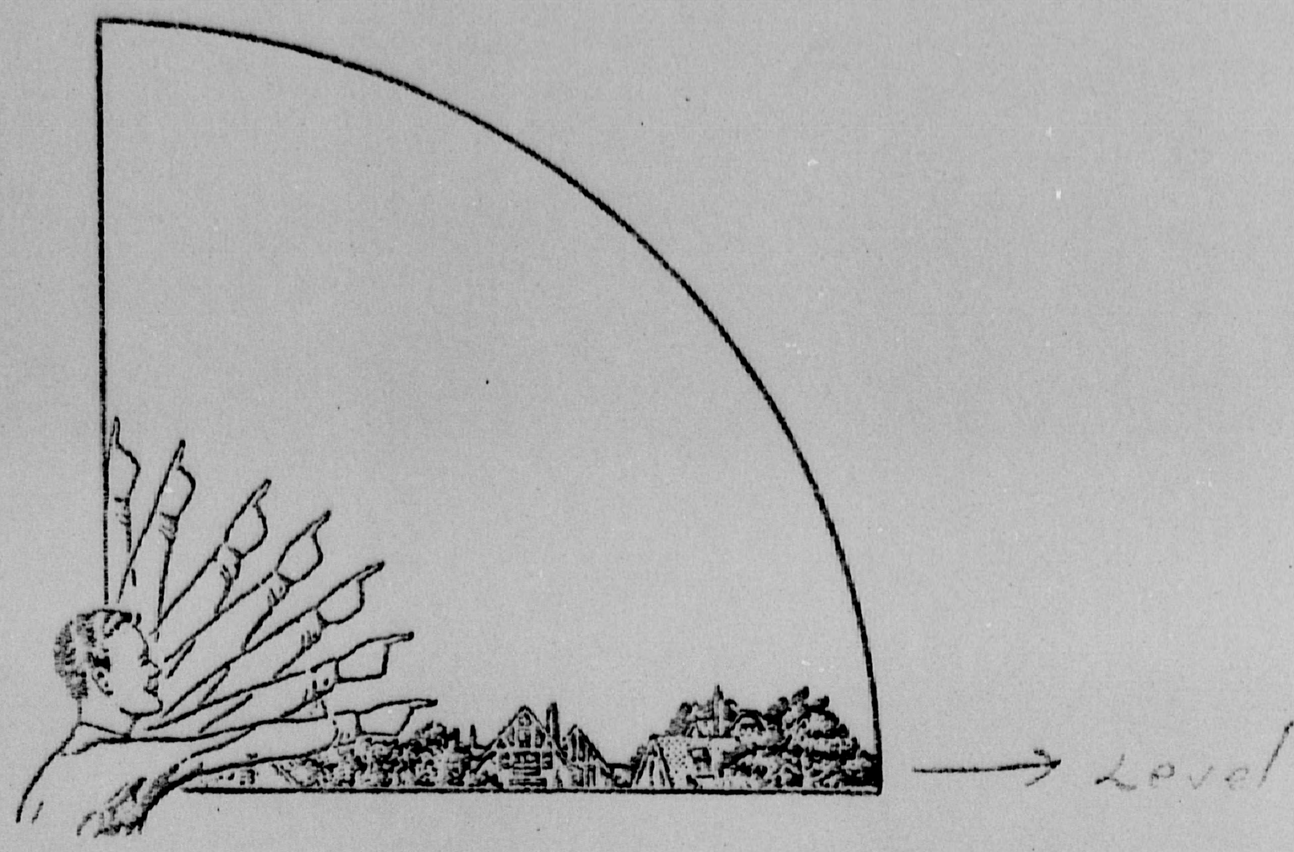
31.1 When it first appeared:

a. From true North 5° degrees.
b. From horizon 0° degrees.

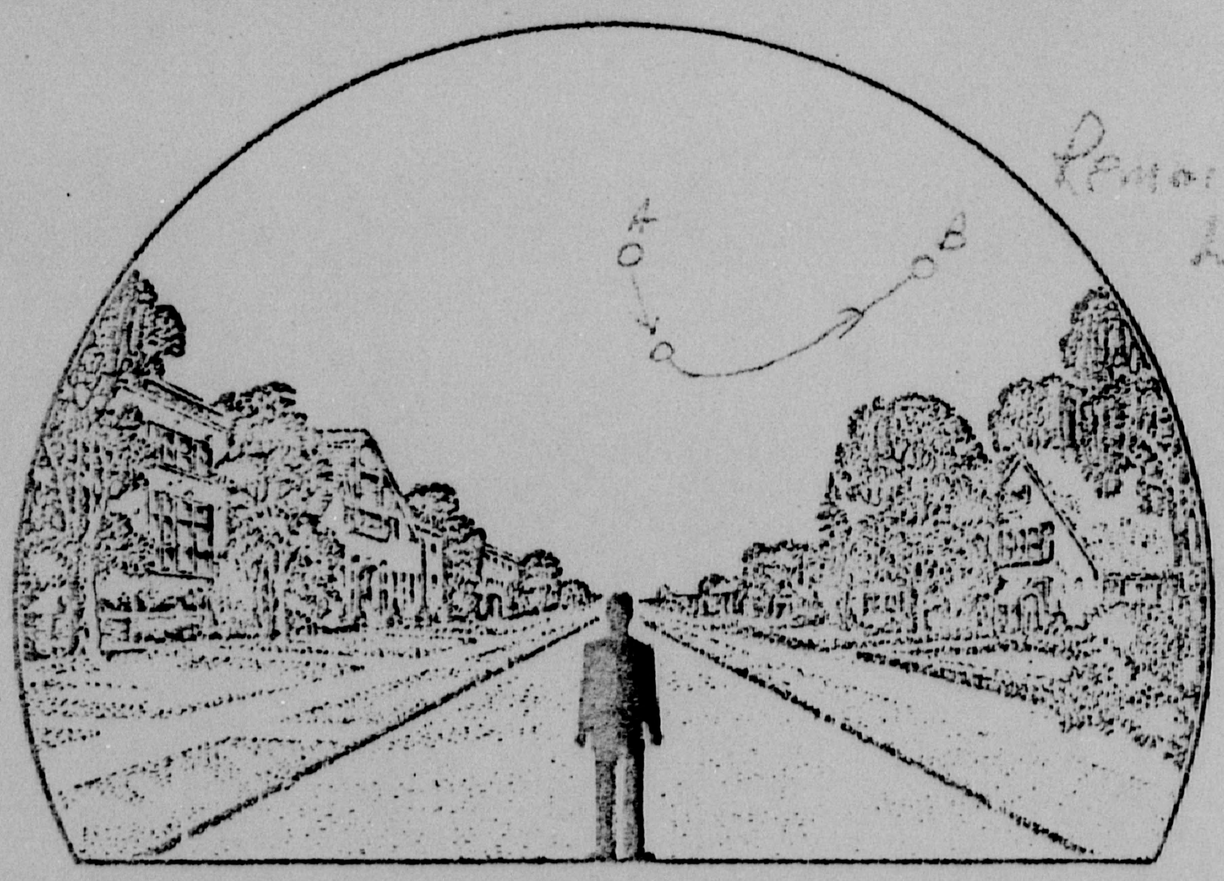
31.2 When it disappeared:

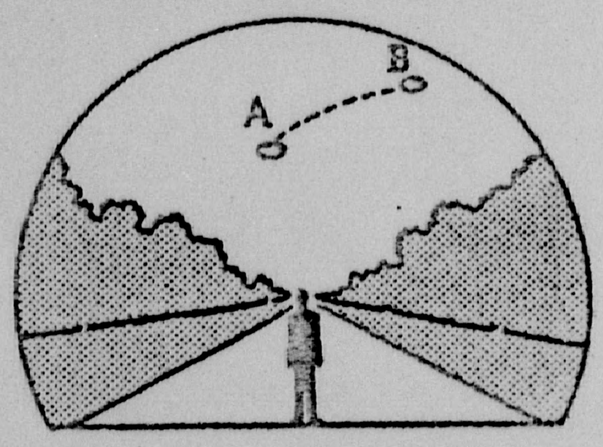
a. From true North 50° degrees.
b. From horizon 0° degrees.

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? 0950Z Kansas City Center

05 (Day) 09 (Month) 62 (Year) 1330Z 4043rd SW. Intelligence

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:

See Signatures

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?

Don't Know

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] [redacted] [redacted] W. G.
First Name First Name Middle Name

ADDRESS 9222 APEFS Wright Patterson AFB Ohio
Street City Zone State

TELEPHONE NUMBER [redacted]

Age 38 Sex Male
26 male
29 male

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

Rated Command Pilot with 19 years experience over 4000 flying hours

42. Date you completed this questionnaire: 05 09 2
Day Month Year

(2) N/A

G.(1) CLEAR AND COOL

(2) NNW AT 5

330/20

330/20

330/35

320/65

330/75

310/30

330/10

(3) SCATTERED CLOUD AT 10,000 FEET

(4) 15 PLUS

(5) NIL

(6) NIL

H. NIL

I. NIL



J. NONE KNOWN

K. MAJOR R. D. NICHOLS, CHIEF INTELLIGENCE DIVISION.

POSSIBLE CORRELATION WITH ALLEGED BREAK UP OF

SPUTNIK IV.

L. NONE

M. NO COMMENTS

BT

05/2137Z SEP RUCDDU

(4) MAIN OBJECT FOLLOWED BY 12 TO 15 OBJECTS.

(5) TRAIL AND IN PAIRS.

(6) EACH OBJECT WAS SPUTTERING FLAME.

(7) NO

(8) NO

(9) NO

B.(1) NOTICED OBJECT THROUGH WINDOW.

(2) PASSED OVERHEAD FROM NORTHWEST.

(3) DISAPPEARED TO SOUTHEAST.

(4) NORTHWEST TO SOUTHEAST IN A STRAIGHT LINE.

(5) DISAPPEARED IN TREE TOPS.

(6) 20 SECONDS TO ONE MINUTE.

C.(1) VISUAL.

(2) NONE

(3) NONE

D.(1) 5/0955Z

(2) NIGHT

E.(1) 4633N 9138W

(2) ONE MILE WEST OF BRULE RIVER ON HIGHWAY 13.

F.(1) [redacted]



[redacted] MAPLE, WISCONSIN

FARMER

NOTE: [redacted] WIFE ALSO OBSERVED THE OBJECT AT SAME TIME AND THEIR DESCRIPTIONS AGREE.

(2) N/A

G.(1) CLEAR AND COOL

(2) NNW AT 5

330/20

330/20

330/35

320/65

330/75

01355

NNNNCZCSQK753ZCDUA401

PP RUCDSQ

DE RUCDDU 48

ZNR

P 052100Z

FM DUADS DULUTH MUNI APRT MINN

TO RUWGAL/ADC ENT AFB COLO

RUCDAH/30 AIRDIV TRUAX FLD WISC

RUCDSQ/ATIC WPAFB OHIO

RUEAHQ/COFUSAF WASH DC

BT

UNCLAS DUOOP 224 HQUSAF FOR SAFS AND AFCIN

REFERENCE AFR 200-2, THE FOLLOWING REPORT IS

SUBMITTED:

A (1) CIGAR SHAPED OBJECT FOLLOWED BY A SERIES OF

OBJECTS IN PAIRS.

(2) DIME SIZE.

(3) OBJECT WAS DARK AT FRONT BECOMING PROGRESSIVELY

RED TOWARDS THE REAR WITH A BRIGHT FLAME AT THE REAR.

MAIN OBJECT WAS FOLLOWED BY OTHER FLAMING OBJECTS

IN PAIRS.



(4) MAIN OBJECT FOLLOWED BY 12 TO 15 OBJECTS.

(5) TRAIL AND IN PAIRS.

(6) EACH OBJECT WAS SPUTTERING FLAME.

(7) NO

(8) NO

(9) NO

3.(1) NOTICED OBJECT THROUGH WINDOW.