1. DATE - TIME GROUP 12 July 64 13/0400Z	2. LOCATION Chicago, Illinois
3. SOURCE Civilian	10. CONCLUSION SATELLITE (ECHO II)
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION Not Reported	11. BRIEF SUMMARY AND ANALYSIS Bright white star moving across the sky. Came from SE heading NE. Observed through a 50X Telescope. COMMENTS: ECHO II over Chicago at 1046 C Daylight Time. 22 degrees above horizon moving NE in position for observation. Sighting evaluated as ECHO II.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE NE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

COMBAT READINESS TRAINING OPERATIONS
614TH TROOP CARRIER SQUADRON, MEDIUM (RESERVE)
UNITED STATES AIR FORCE
O'HARE INTERNATIONAL AIRPORT
Chicago 66, Illinois

REPLY TO
ATTN OF: CRT

20 July 1964

SUBJECT: Unidentified Flying Objects

TO: Air Force Systems Command
Foreign Technology Division
Wright-Patterson AFB, Ohio

1. The following information as outlined in Paragraph 15, AFR 200-2 is submitted for your information.

a. Description of the Object(s):
1. Star-Bright going across the sky
2. Size of a star
3. White
4. 1
5.
6.
7.
8.
9.

b. Description of Course of Object(s):

1. Accident
2. Coming out of SE headed North(2 weeks ago)
3. Coming out of SW headed NE - 12 Jul
4.
5.
6.

c. Manner of Observation:

1. 50 powered scope
2.
3.

d. Time and Date of Sighting:

1. 1100 PM - 12 JUL 64
2.

e. Location of Observer(s):
3025 S Broad Street
Chicago, Illinois

f. Identifying Info on Observer(s):

1. [redacted]N - 22
2. [redacted] Street, Chgo, Ill
Fireman - HP- [redacted]

g. Weather and Winds

1.
2.
3.
4.
5.
6.

h.

i.

j.

k.

l.

Thomas A. Hilquist
THOMAS A. HILQUIST
Base Operations Officer

ECHO II

AT 09.25 AM JUL.07 EAST OF CITY, 70 DEGREES ABOVE HORIZON MOVING NE
AT 10.20 AM JUL.07 EAST OF CITY, 60 DEGREES ABOVE HORIZON MOVING NE
AT 10.00 AM JUL.08 WEST OF CITY, 27 DEGREES ABOVE HORIZON MOVING NE
AT 09.34 AM JUL.08 EAST OF CITY, 33 DEGREES ABOVE HORIZON MOVING NE
AT 11.42 PM JUL.08 WEST OF CITY, 28 DEGREES ABOVE HORIZON MOVING NE
AT 08.27 AM JUL.09 EAST OF CITY, 24 DEGREES ABOVE HORIZON MOVING NE
AT 11.07 PM JUL.09 WEST OF CITY, 21 DEGREES ABOVE HORIZON MOVING NE
AT 03.02 PM JUL.10 EAST OF CITY, 16 DEGREES ABOVE HORIZON MOVING NE
AT 10.50 PM JUL.10 WEST OF CITY, 73 DEGREES ABOVE HORIZON MOVING NE
AT 08.35 AM JUL.11 WEST OF CITY, 09 DEGREES ABOVE HORIZON MOVING NE
AT 08.34 PM JUL.11 EAST OF CITY, 12 DEGREES ABOVE HORIZON MOVING NE
AT 10.12 PM JUL.11 SOUTH OF CITY, 60 DEGREES ABOVE HORIZON MOVING NE
AT 07.26 AM JUL.12 EAST OF CITY, 06 DEGREES ABOVE HORIZON MOVING NE
AT 09.57 PM JUL.12 EAST OF CITY, 06 DEGREES ABOVE HORIZON MOVING NE
AT 09.55 PM JUL.12 EAST OF CITY, 54 DEGREES ABOVE HORIZON MOVING NE
AT 07.32 AM JUL.13 WEST OF CITY, 15 DEGREES ABOVE HORIZON MOVING NE
AT 09.31 PM JUL.13 EAST OF CITY, 42 DEGREES ABOVE HORIZON MOVING NE
AT 11.21 PM JUL.13 WEST OF CITY, 31 DEGREES ABOVE HORIZON MOVING NE

1 CHICAGO, ILL. CST

ECHO I

AT 07.03 AM JULY.08 SOUTH OF CITY, 76 DEGREES ABOVE HORIZON MOVING NE
AT 03.58 AM JULY.09 SOUTH OF CITY, 69 DEGREES ABOVE HORIZON MOVING NE
AT 02.42 AM JULY.10 SOUTH OF CITY, 50 DEGREES ABOVE HORIZON MOVING NE
AT 03.03 AM JULY.11 SOUTH OF CITY, 04 DEGREES ABOVE HORIZON MOVING NE
AT 02.13 AM JULY.12 SOUTH OF CITY, 35 DEGREES ABOVE HORIZON MOVING NE
AT 03.07 AM JULY.13 SOUTH OF CITY, 69 DEGREES ABOVE HORIZON MOVING NE

1. DATE - TIME GROUP	2. LOCATION
16 July 64 17/0500Z	Chicago, Illinois
3. SOURCE Civilian	10. CONCLUSION EXTO II
4. NUMBER OF OBJECTS One	EXTO II was in position for observation.
5. LENGTH OF OBSERVATION 10 Minutes	11. BRIEF SUMMARY AND ANALYSIS Object appeared to be much lower than the stars although only slightly larger than the brighter ones and more luminous. It changed orbit and apparent speed and were erratic. Object appeared to wobble as direction changed. It was a bright yellow-white at first, changed to a dimmer, more bluish glow and diminishing in size. Object disappeared over the horizon.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE North	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

JULY 16, 1964
[redacted].
CHICAGO, ILLINOIS

Dear Sir,

At approximately eleven P.M. on Thursday night, July 16, while lying on my back at Chicago's Sherwin Ave.beach, I observed a luminous object moving in the sky. Almost a liitle East and slightly South (about 80 degrees both ways) there appeared a brighter star-like form similar to what I have seen of satellites in orbit and moving at about the same speed. The night was warm and the sky was fairly hazy, but there were no visible clouds and there stars to be seen. The object appeared to be much lower than the stars although only slightly larger than the brighter ones and more luminous than any. Its orbit or course seemed lower than that of satellites but still much higher than aeroplanes. Still thinking it was a satellite. I mentioned this to a friend nearby when gradually it began to change orbit and apparent speed. The orbit became more erratic as we watched and the speed slower, almost to the point of stopping.Also,the intensity of the object's light - a bright yellow-white at first,changed to a dimmer,more bluish glow and diminishing in size. The object appeared to almost wobble as its direction changed; it did not reverse but went slightly sideways from left to right while it continued its erratic foreward course. The course was, by now, changing from its original West-Northwest direction to almost due North and then gradually curved off to the Northeast where it slowly diminished from sight. All of this sighting seemed to take about ten to

twelve minutes from the-
first point of observance.The object gave an appearance of changing altitude rapidly -that is apparently going higher almost straight up and perhaps that is why it appeared to almost stop.

The object was globular in shape and differed in size ,definitly larger than plane lights at that alltitude;also the light did not go out or blink. The luminosity was not the same type of glow as the reflecting spotlight on clouds because it seemed to have a light source of its own and to be of highly reflective or translucent substance. My friend remarked that he thought th e stars seemed much brighter after the object had left the area!

Being interested in astronomy and flying objects in general, (witches excluded!) I observe the sky as often as I can and this is the first time I've ever seen such an erratic behavior for any technical object moving above the earth.!

Sincerely,

Mr [redacted]
Art director
Waller High School
Chicago Ill.

P.S. This report can be verified by a friend who also witnessed this sighting if necessary.

Rept to Eric Carlson

Echo II

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.

July 17 & 2

1. When did you see the object?

16 (Day) JULY (Month) 1964 (Year)

2. Time of day: 11 (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. (Nearest Postal Address) CHICAGO (City or Town) ILLINOIS (State or Country)

Additional remarks: _____

5. How long was object in sight? _____ Hours 10 to 12 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 HAZY BUT NOT CLOUDY

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

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

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

8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

8.1 STARS (*Circle One*):

a. None
b. A few — JUST MORE THAN A FEW BUT NOT AS MANY AS ON A CLEAR NIGHT.
c. Many
d. Don't remember

8.2 MOON (*Circle One*):

a. Bright moonlight
b. Dull moonlight
c. No moonlight — pitch dark
d. Don't remember

9. The object appeared:

(*Circle One*): a. As a light b. Shiny c. Dark d. Don't remember

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

11. Did the object: (Circle One for each question)

a. Appear to stand still at any time? ? TOO HIGH FOR FAST MOVEMENT LOOKING	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 or 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 or Don't Know. IF you answered YES, then tell what in front of: _____

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

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

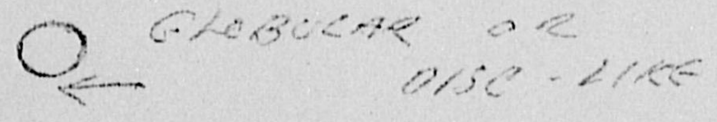
a. Eyeglasses	Yes	No	e. Binoculars	Yes	No
b. Sun glasses	Yes	No	f. Telescope	Yes	No
c. Windshield	Yes	No	g. Theodolite	Yes	No
d. Window glass	Yes	No	h. Other _____		

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

a. Sound NONE - TOO HIGH TO HEAR

b. Color BRIGHT YELLOW WHITE TO BLUE WHITE

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



18. The edges of the object were:

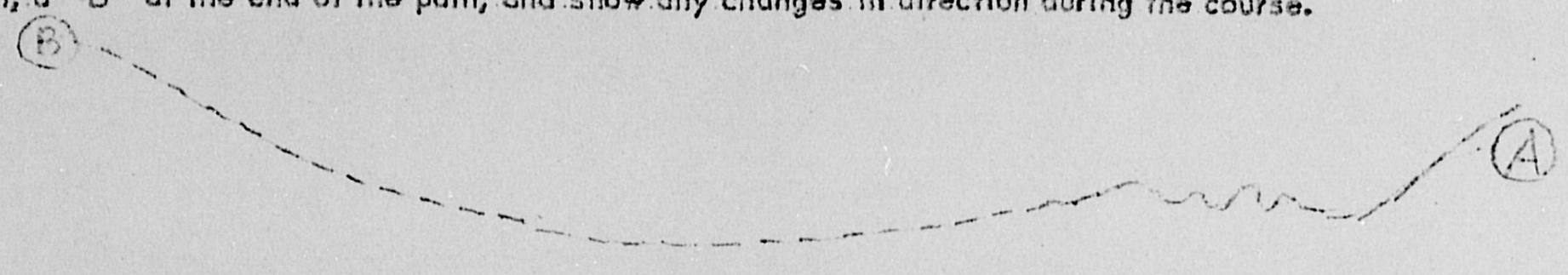
(Circle One): a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember

e. Other _____

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

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

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?

VERY DIFFICULT TO TELL - MUST HAVE BEEN 30 to 50 feet in dia.

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?

ALL OF THE OBJECT WOULD HAVE BEEN COVERED. IT WAS QUITE HIGH. ✓

23. Did the object disappear while you were watching it? If so, how? IT DID NOT DISAPPEAR BUT AS IT CHANGED ORBIT AND APPARENT SPEED IT WAS MORE DIFFICULT TO SEE CLEARLY. SIZE ALSO CHANGED TO SMALLER.

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

A GLOWING SPHERE -

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

a. Inside a building
b. In a car
c. Outdoors — ON A BEACH
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? EDGE
c. In open countryside?
d. Near an airfield?
e. Flying over a city?
f. Flying over open country?
g. Other _____

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

LYING ON MY BACK ON A BEACH LOOKING UP AT THE STARS AND NOTICED THAT A VERY BRIGHT ONE APPEARED TO BE MOVING.

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

28.1 What direction were you moving? *(Circle One)*

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

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

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

(Circle One) Yes No

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

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

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

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

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

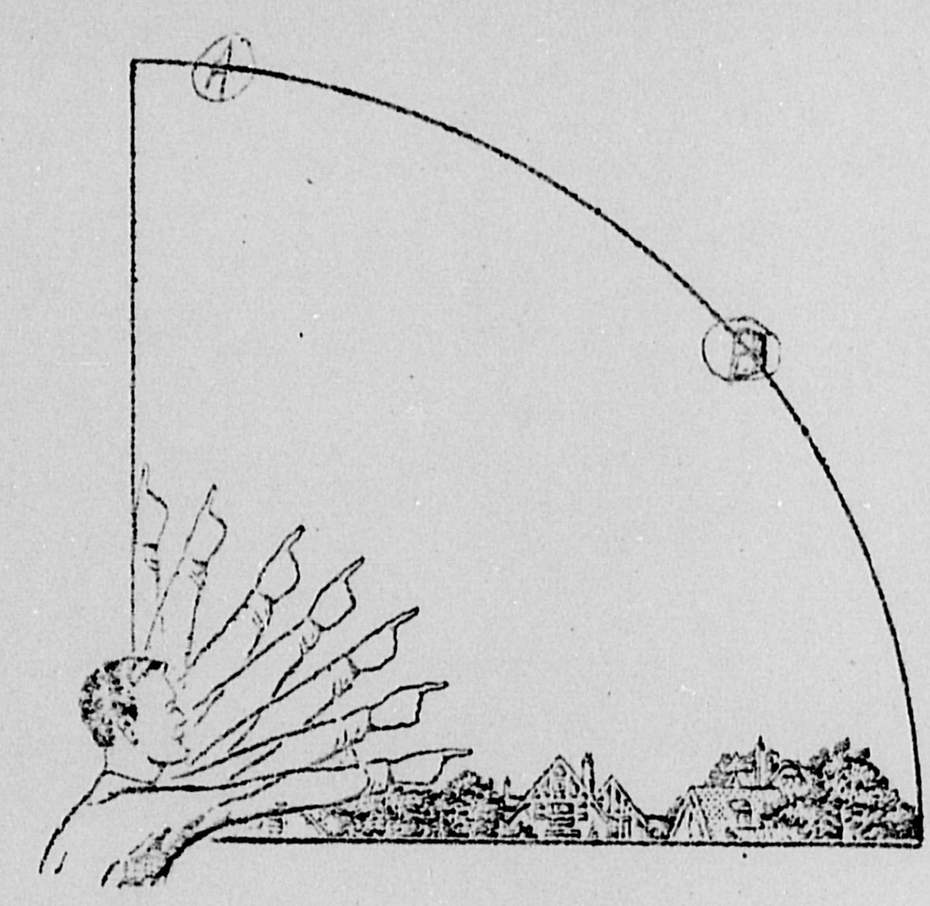
31.1 When it first appeared:

a. From true North 100 degrees.
b. From horizon 80 degrees.

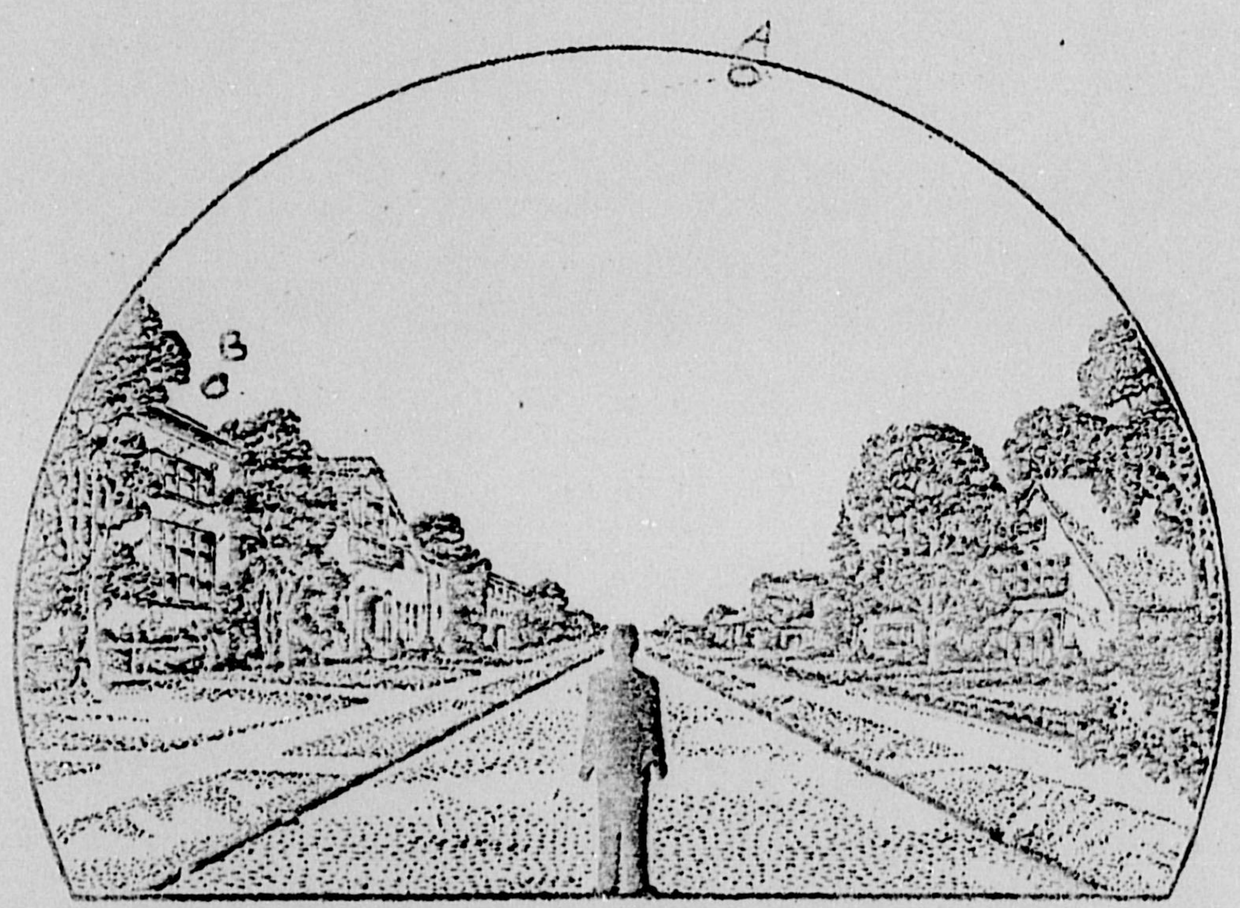
31.2 When it disappeared:

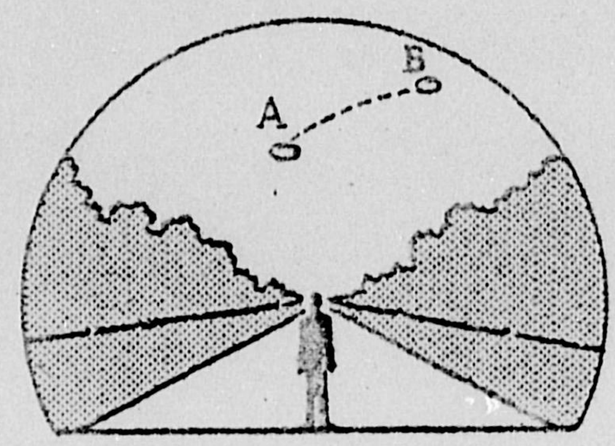
a. From true North 30 degrees.
b. From horizon 40-50 degrees.

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 SLIGHT SPRING
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

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

16 (Day) JULY (Month) 1964 (Year) MR. ERIC CARLSON DEARBORN OBSERVATORY

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:

MR. [redacted]
CHICAGO

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?

THE OBJECT APPEARED TO BE A GLOWING OR REFLECTING CUBE AND GAVE A DEFINITE APPEARANCE OF BEING INTELLIGENTLY CONTROLLED OR STEERED AS OPPOSED TO A NATURAL PHENOMENA.

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

(Circle One) Yes (No)

SPEED WAS FAST AT FIRST AND SLOWED DOWN CONSIDERABLY AS IT CHANGED ORBIT

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? 50 000' or above

41. Please give the following information about yourself:

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

ADDRESS [redacted] (Street) CHICAGO (City) 60626 (Zone) ILL. (State)

TELEPHONE NUMBER [redacted]

Age 36 Sex M

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

AMATEUR INTEREST IN ASTRONOMY -
STUDYING FOR M.S. DEGREE NOW AT ILL. TECH. UNIV.
ART CHAIRMAN - CALLER HIGH SCHOOL - CHICAGO.

42. Date you completed this questionnaire: 24 (Day) July (Month) 1964 (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 Mr. [redacted]
(Please Print)

SIGNATURE Mr. [redacted]

DATE July 24 1964

(Do Not Write in This Space)
CODE:

data attached.

also - Three of my friends observed a similar sighting about the same time the following night July 17.