

1. DATE - TIME GROUP 4 Sept 64 05/0245Z	2. LOCATION Dayton, Ohio
3. SOURCE Civilian	10. CONCLUSION Astronomical (ARCTURUS) Arcturus in area of reported object. 290 deg azimuth. Case evaluated as the star Arcturus.
4. NUMBER OF OBJECTS	
5. LENGTH OF OBSERVATION 45 minutes	11. BRIEF SUMMARY AND ANALYSIS Object with same intensity as stars in Big dipper. Changed color on upper portion to blue/red/yellow. Stationary except for motion in elliptical path to North. Located in West below 15 deg elevation. Also observed about three weeks previously.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

4 SEPT 64

U.S. AIR FORCE TECHNICAL INFORMATION

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. 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? 21 45
~~0445~~
 Hour Minutes

Day: 4 Month: Sept Year: 64

(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 Standard b. Standard

4. Where were you when you saw the object?

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

5. How long was object in sight? (Total Duration) 45
 Hours Minutes Seconds

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

5.1 How was time in sight determined? Time during which this form was completed by duty officer

5.2 Was object in sight continuously? Yes No _____

6. What was the condition of the sky?

DAY NIGHT
 a. Bright b. Cloudy
 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

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. 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

10. The object appeared: (Circle One):

- a. Solid
- b. Transparent
- c. Vapor
- d. As a light
- e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

- a. Brighter
- b. Dimmer
- c. About the same
- d. Don't know

11.1 Compare brightness to some common object:

Same intensity as big dipper stars

12. 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 changed color on upper portion - blue/red/yellow

13. Did the object:

(Circle One for each question)

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

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

No

15. 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:

16. 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:

17. Tell in a few words the following things about the object:

a. Sound

No

b. Color

Yellow. Changes on top to red & blue

18. 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?

approx $\frac{1}{2}$ to $\frac{2}{3}$

19. 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.

SOUTH

WEST

NORTH



Object normally located just slightly north of west. When it moved, it described an elliptical pattern to the north.

20. 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? _____

21. 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? _____

22. 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 _____

23. 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 _____

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

24.1 What direction were you moving? (Circle One)

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

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

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

(Circle One) Yes No

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

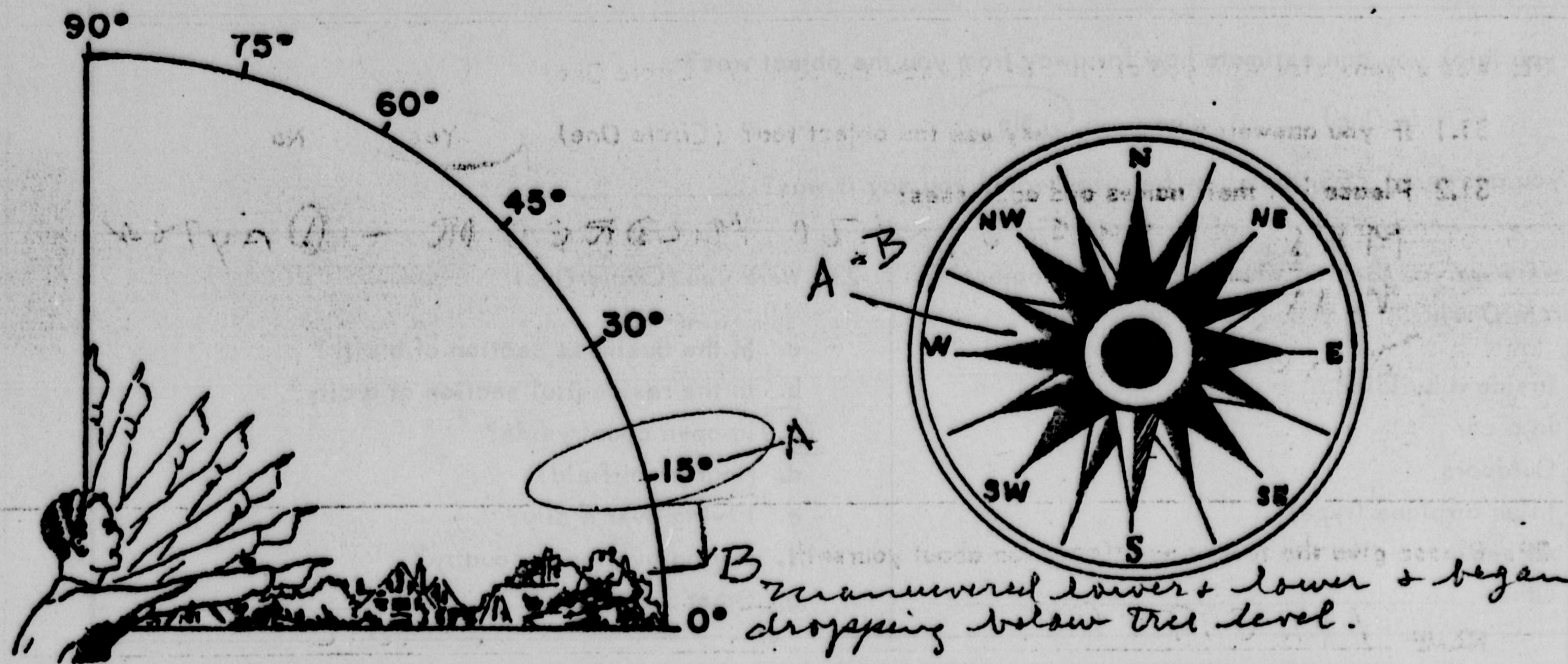
Object viewed with and without glasses.

- | | | | | | |
|-----------------|--------------------------------------|-------------------------------------|---------------|---------------------------|-------------------------------------|
| a. Eyeglasses | <input checked="" type="radio"/> Yes | <input type="radio"/> No | e. Binoculars | Yes <input type="radio"/> | No <input checked="" type="radio"/> |
| b. Sun glasses | Yes <input type="radio"/> | No <input checked="" type="radio"/> | f. Telescope | Yes <input type="radio"/> | No <input checked="" type="radio"/> |
| c. Windshield | Yes <input type="radio"/> | No <input checked="" type="radio"/> | g. Theodolite | Yes <input type="radio"/> | No <input checked="" type="radio"/> |
| d. Window glass | Yes <input type="radio"/> | No <input checked="" type="radio"/> | h. Other | _____ | |

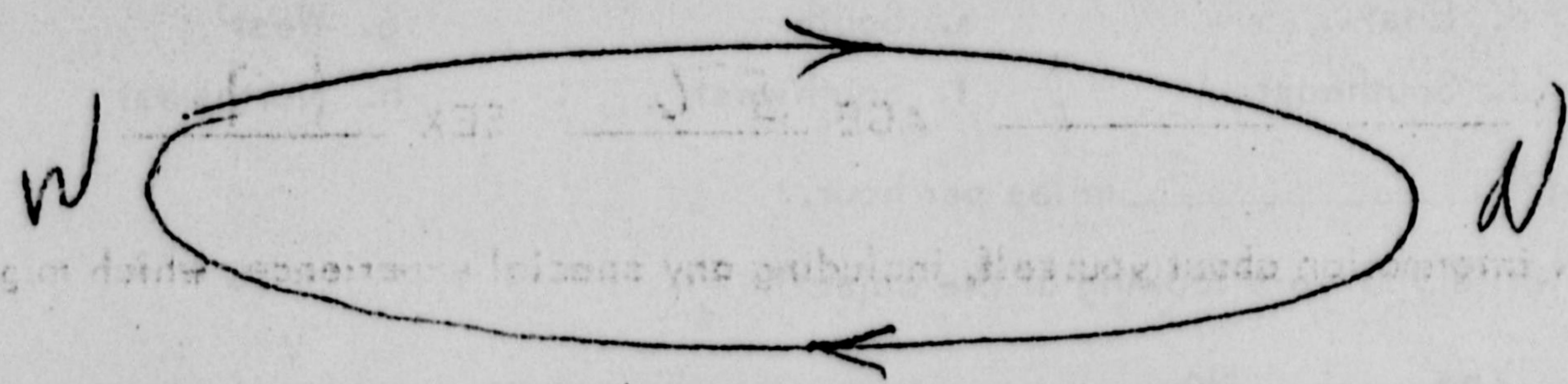
26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

7 1/2 watt clear glass light bulb at approx 1000 feet.

27. 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. Place an "A" on the compass when you first saw it. Place a "B" on the compass where you last saw the object.



28. 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.



29. 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.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

about 3 weeks ago

31. Was anyone else with you at the time you saw the object? (Circle One) Yes No

31.1 IF you answered YES, did they see the object too? (Circle One) Yes No

31.2 Please list their names and addresses:

MRS [REDACTED], [REDACTED] - DAYTON
WIFE
DAUGHTER

32. Please give the following information about yourself:

NAME [REDACTED] [REDACTED] [REDACTED]
Last Name First Name Middle Name

ADDRESS [REDACTED] [REDACTED] [REDACTED] [REDACTED]
Street City Zone State

TELEPHONE NUMBER _____ AGE 56 SEX M

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

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

4 Sept 64
Day Month Year

Vinaj Gill
FTD officer

34. Date you completed this questionnaire:

4 Sept 64
Day Month Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

[This section contains a large, empty rectangular box with faint horizontal lines, intended for a narrative explanation or additional information.]

1. DATE - TIME GROUP 6 Sept 64 06/1030Z	2. LOCATION Dayton, Ohio
3. SOURCE Civilian	10. CONCLUSION (ECHO II)
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION 10 Minutes	11. BRIEF SUMMARY AND ANALYSIS Pale blue white object with appearance of star about as bright as Venus. Changed brightness, speed of motion. In flight from SE to SW. Initial flight from NW to SE. COMMENTS: ECHO II over Dayton at 0420 on 6 September 1964 West of City at 34 deg elevation in flight to SE. Final portion of sighting attributed to illusion and case carried as an ECHO Observation.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE SE	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

U.S. AIR FORCE TECHNICAL INFORMATION

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. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

6 Sept 1964
Day Month Year

2. Time of day: 0430

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?

~~████████████████████~~
Nearest Postal Address

Dayton
City or Town

Ohio
State or County

5. How long was object in sight? (Total Duration)

1 10
Hours Minutes Seconds

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

5.1 How was time in sight determined? _____

5.2 Was object in sight continuously? Yes No _____

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

N/A

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. 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

10. The object appeared: (Circle One):

- a. Solid
- b. Transparent
- c. Vapor
- d. As a light**
- e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

- a. Brighter**
- b. Dimmer
- c. About the same
- d. Don't know

11.1 Compare brightness to some common object:

about as bright as Venus

12. 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 _____

13. 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 |

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

Yes - Turned and went from South east to Southwest.

15. 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: _____

16. 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: _____

17. Tell in a few words the following things about the object:

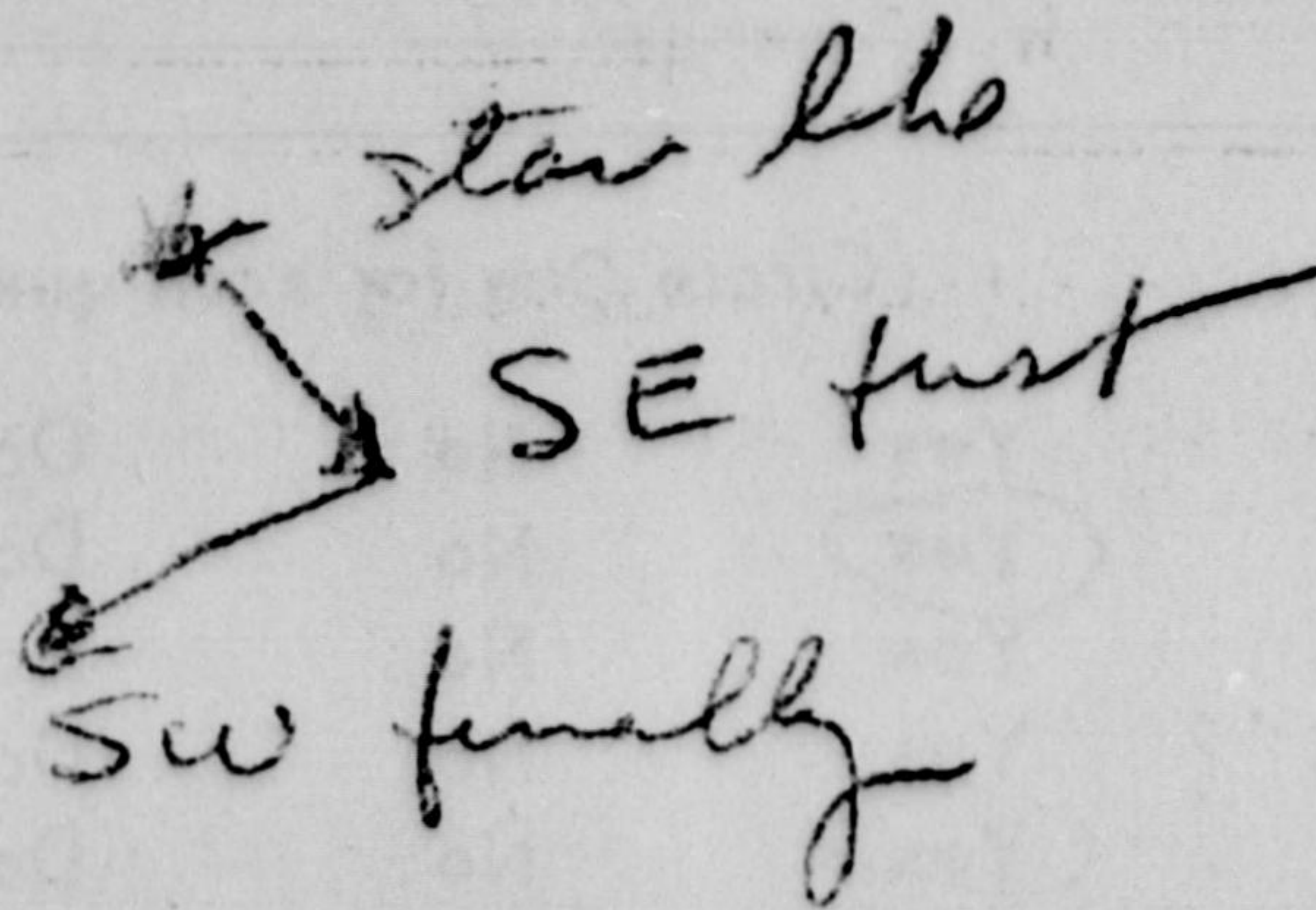
a. Sound No

b. Color Pale blue white as star

18. 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?

about same size

19. 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.



20. 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? 100 mph

21. 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? _____

22. 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 _____

23. 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 _____

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

24.1 What direction were you moving? (Circle One)

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

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

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

(Circle One) Yes No

No

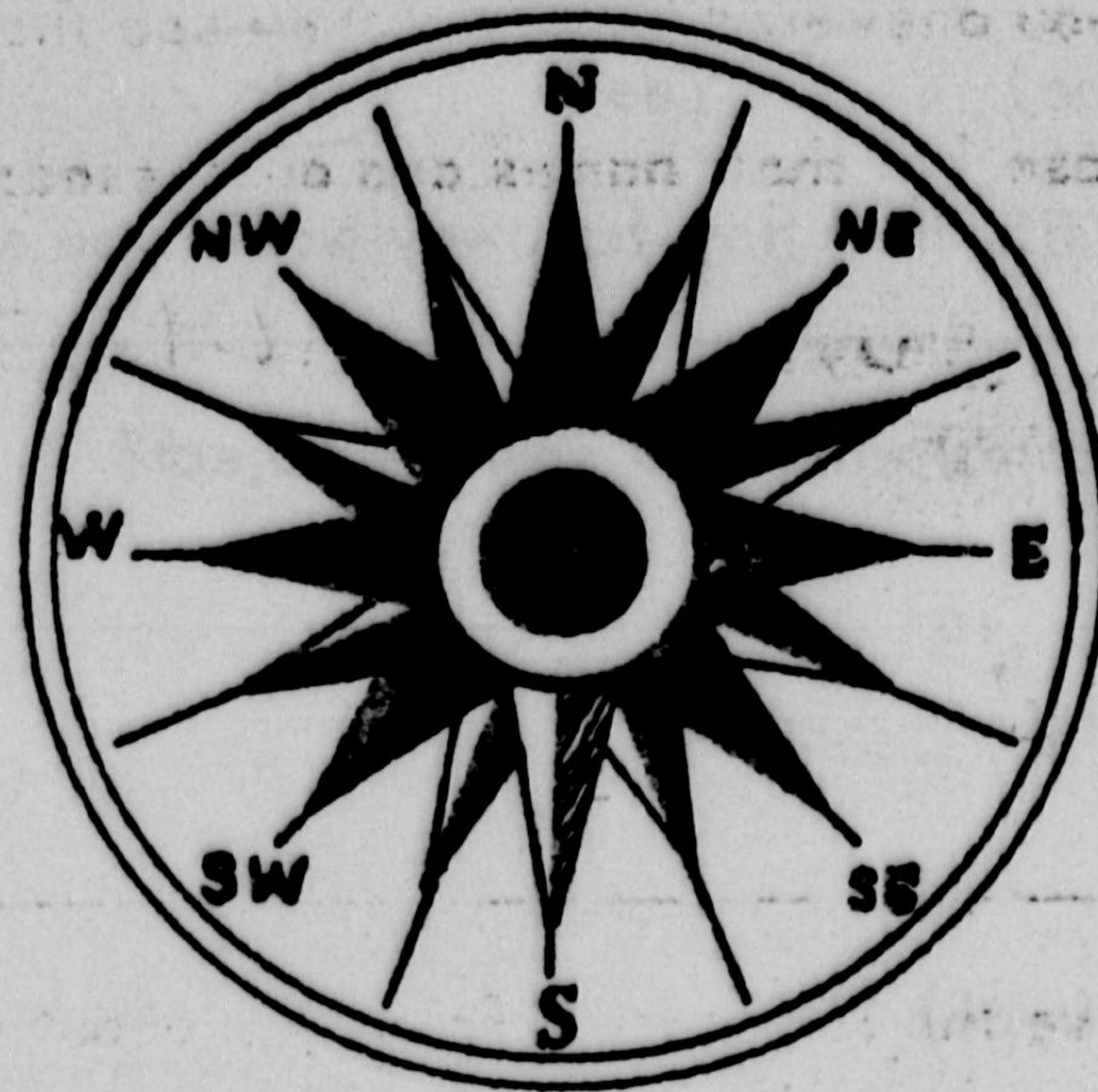
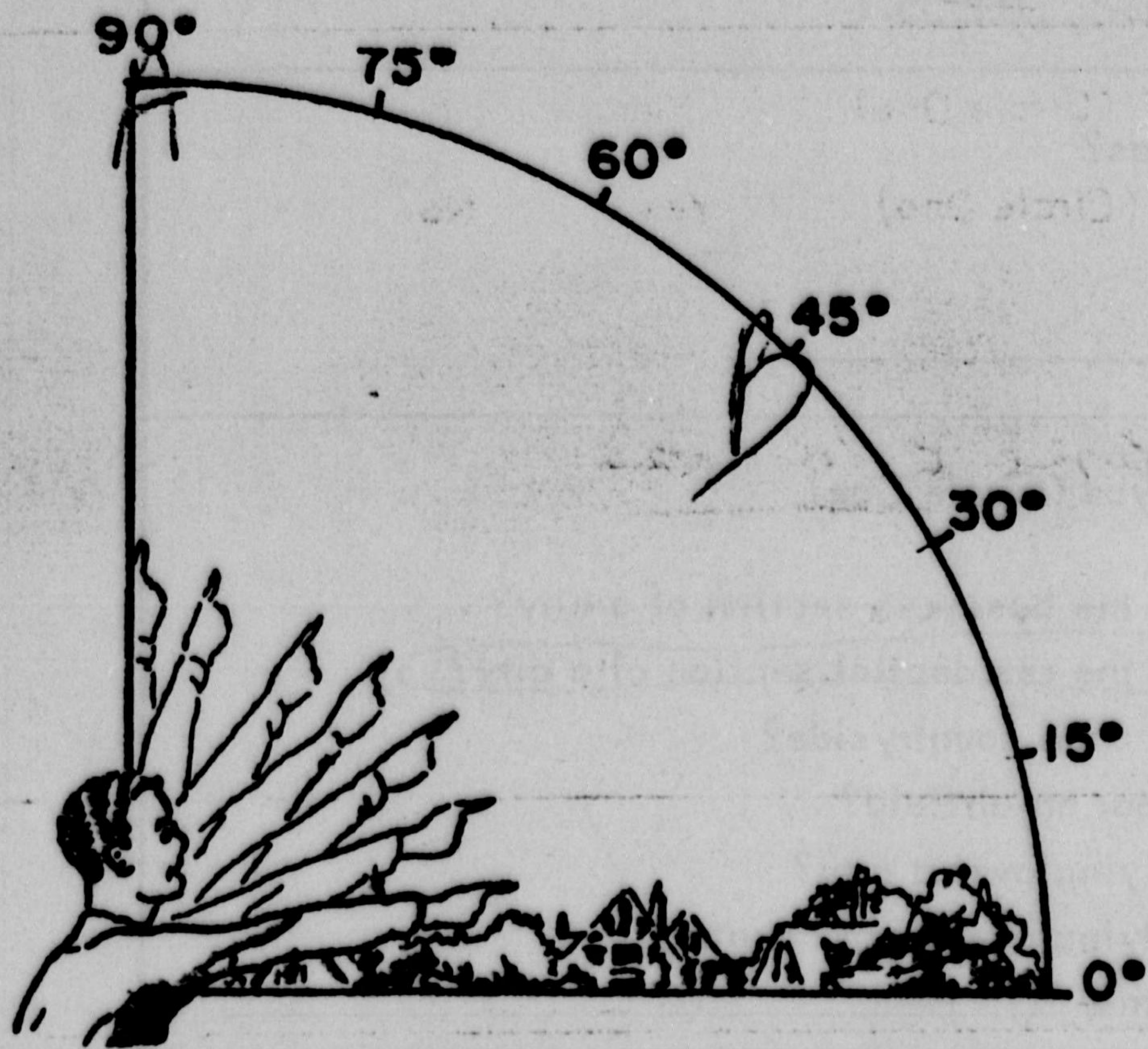
25. Did you observe the object through any of the following?

- | | | | | | |
|-----------------|-----|-------------------------------------|---------------|-------|-------------------------------------|
| a. Eyeglasses | Yes | <input checked="" type="radio"/> No | e. Binoculars | Yes | <input checked="" type="radio"/> No |
| b. Sun glasses | Yes | <input checked="" type="radio"/> No | f. Telescope | Yes | <input checked="" type="radio"/> No |
| c. Windshield | Yes | <input checked="" type="radio"/> No | g. Theodolite | Yes | <input checked="" type="radio"/> No |
| d. Window glass | Yes | <input checked="" type="radio"/> No | h. Other | _____ | |

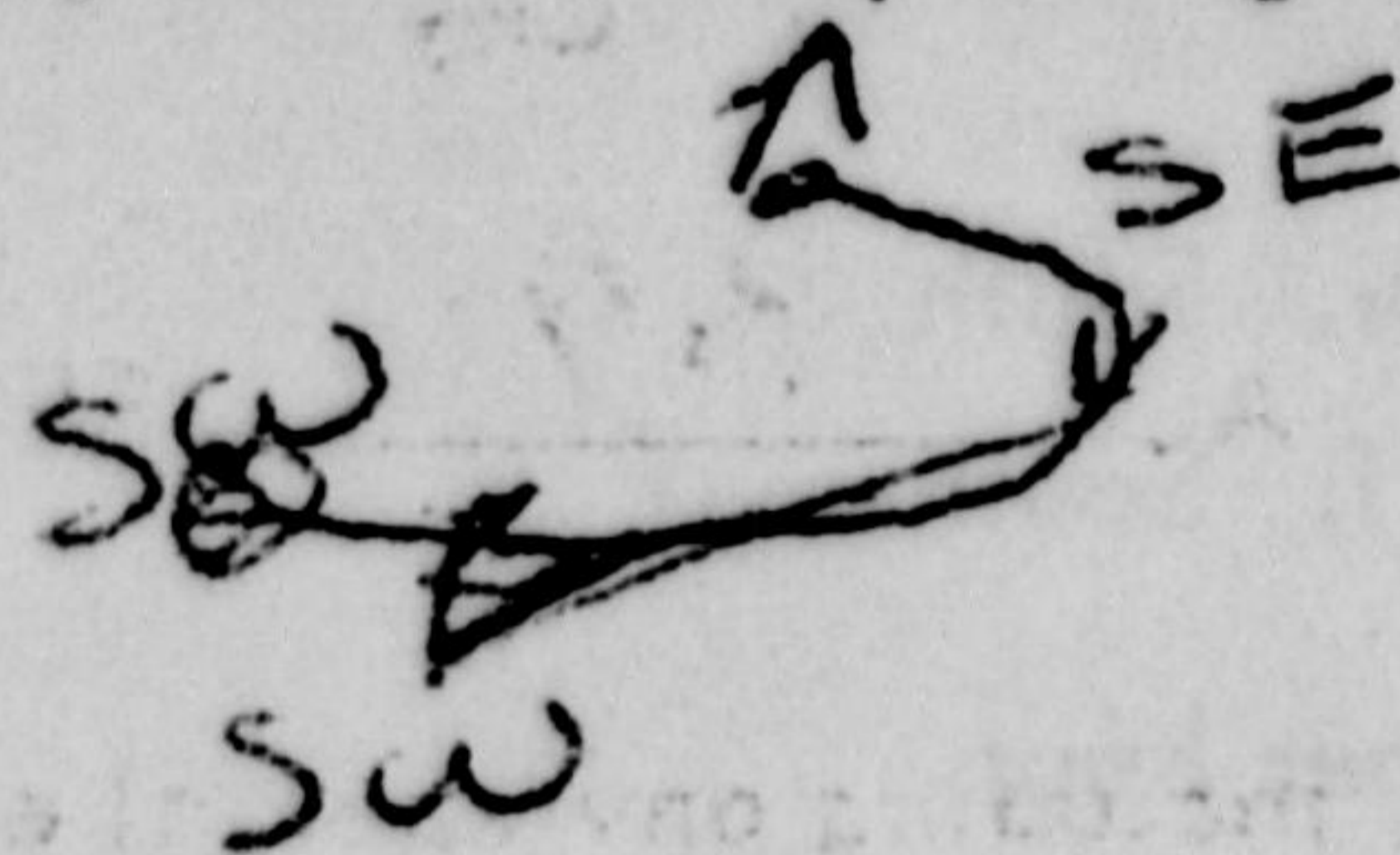
26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

Bright Star

27. 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. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.



28. 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.



29. 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.

N/A

34. Date you completed this questionnaire: 6 Sept 69
Day Month Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.

31 Aug - 1 Sept - 2 Sept -
lower on horizon - moving SE -

31. Was anyone else with you at the time you saw the object? (Circle One) Yes No

31.1 IF you answered YES, did they see the object too? (Circle One) Yes No

31.2 Please list their names and addresses:

~~XXXXXXXXXXXXXXXXXXXX~~ - same address

32. Please give the following information about yourself:

NAME ~~XXXXXXXXXXXX~~ ~~XXXXXXXXXXXX~~ _____
Last Name First Name Middle Name
ADDRESS ~~XXXXXXXXXXXXXXXXXXXX~~ DAYTON OHIO
Street City Zone State
TELEPHONE NUMBER ~~XXXXXXXXXXXX~~ AGE 39 SEX M

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

Aviation Buff -

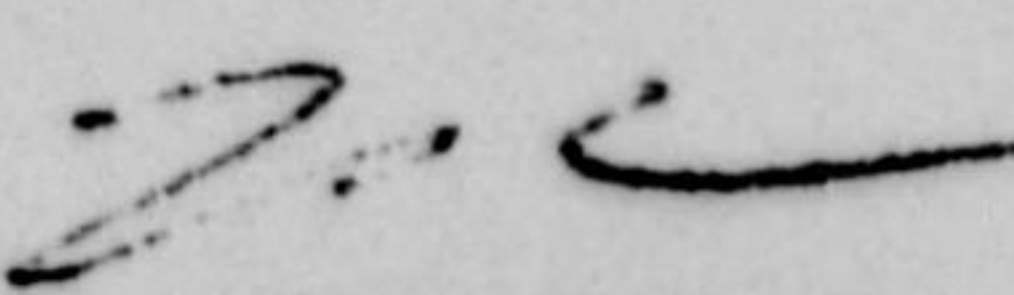
33. When and to whom did you report that you had seen the object?

FTO Duty Officer

6 MON 1964
Day Month Year

ECHO II DATA, DAYTON, OHIO

At 02.28 am Sep 02 East of City, 20 degrees above horizon moving SE
At 04.16 am Sep 02 West of City, 66 degrees above horizon moving SE
At 02.02 am Sep 03 East of City, 11 degrees above horizon moving SE
At 03.50 am Sep 03 South of City, 76 degrees above horizon moving SE
At 01.36 am Sep 04 East of City, 06 degrees above horizon moving SE
At 03.18 am Sep 04 North of City, 27 degrees above horizon moving SE
At 05.14 am Sep 04 West of City, 18 degrees above horizon moving SE
At 02.48 am Sep 05 North of City, 11 degrees above horizon moving SE
At 04.46 am Sep 05 West of City, 29 degrees above horizon moving SE
At 02.30 am Sep 06 East of City, 35 degrees above horizon moving SE
At 04.20 am Sep 06 West of City, 34 degrees above horizon moving SE
At 02.04 am Sep 07 East of City, 23 degrees above horizon moving SE
At 03.52 am Sep 07 West of City, 55 degrees above horizon moving SE


MARILYN H STANCOMBE
Secretary,
Aerial Phenomena Branch