

PROJECT 10073 RECORD CARD

1. DATE 19 Nov 60		2. LOCATION Tyndal AFB Fla & New Orleans La		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other <u>Echo I</u> ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local 1810 GMT 20/0010Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Military and Civilian			
7. LENGTH OF OBSERVATION 8-10 min		8. NUMBER OF OBJECTS one		9. COURSE S-N	
10. BRIEF SUMMARY OF SIGHTING Elliptical object, size of baseball (larger than the evening star), color similar to star, but very bright. Object was traveling on a steady course, weaving slightly and it was very bright. Object was steady in the front with a slightly weaving motion in the rear. First appeared on an azimuth of 180°. It seemed to disappear on an aprox heading of 360°.				11. COMMENTS A check with Spacetrack confirmed that the object was the satellite Echo I.	

City Will Get 21 Nov 60 Better View Of Satellite

Echo I, the satellite that people have been peering at since it was sent aloft early last summer, will become easier to see this week and next as it passes over Dayton, according to Gerson Levy, Moonwatch director.

It is visible for only a few minutes now since it glides into the earth's shadow shortly after it rises out of the horizon.

Here is a list, compiled by Levy, of the best times to watch it this week:

Today—6:15 p.m., moving northeast out of the southwest; 8:15 p.m., moving northeast out of the west.

Tomorrow—5:45 p.m., moving northeast out of the southwest; 8:15 p.m., moving northeast out of the west.

Wednesday—7:17 p.m., moving northeast out of the southwest; 9:19 p.m., moving northeast out the west-southwest.

Thursday—6:48 p.m., moving out of the southwest and entering into the earth's shadow directly overhead about 6:55 p.m.; 8:51 p.m., out of the west.

Friday—6:19 moving southeast out of the southwest; 8:25 p.m., moving out of the west (can be seen only a short time.)

Saturday—7:56 p.m., moving out of the west.

NNNN

RECEIVED
11 NOV 60
ATTC

1960 NOV 20 20 19

11/20/60
3

RCE11

CZCSQEG18ZCJVF755

RR RJEDSQ

DE RJEZHQ S34

R 201949Z

FM HQ USAF WASHDC

INFO RJEZBF/MCS HANSCOM FIELD NY

RJEDSQ/ATTC WPAFB OHIO

Y O 200110Z

FM CCCDEIGHT NEW ORLEANS LA

TO RUSFKC/CGKEESLER AFB

RUWMAA/CINCNORAD ENT AFB COLO SPRINGS COLO

INFO ZEN/CNO

ZEN/COMT COGARD

ZEN/COMASTAREA

RBEKYC:COMEIGHT

ZEN/COMSIX

ZEN/CINCLANFLT

ZEN/COMASTSEAFRON

RJEZHQ/COFS USAF WASHDC

ZEN/COMFAIRWING 11

BT

UNCLAS X UFO X 200035Z RECD VIA PHONE FROM MR [REDACTED]

(EX-AT AERLOGIST [REDACTED] NEW ORLEANS LA PHONE

17 4E2X
2 4X2A
3

11 NOV 60
07 30
ATTC

FM CCGDEIGHT NEW ORLEANS LA
TO RUVKKS/CGKEESLER AFB
RUUMAA/CINCNOAD ENT AFB COLO SPRINGS COLO
INFO ZEN/CNO
ZEN/COMT COGARD
ZEN/COM EASTAREA
RBEKYC:COM EIGHT
ZEN/COM SIX
ZEN/CINCLANFLT
ZEN/COM EASTSEA FRON
RJEZHQ/COFS USAF WASHDC
ZEN/COM FAIRWING 11

BT

UNCLAS X UFO X 200035Z RECD VIA PHONE FROM MR [REDACTED]
(EX-AF AERLOGIST [REDACTED] NEW ORLEANS LA PHONE
[REDACTED] THAT AT 200015Z HE CMM HIS WIFE CMM 4 BOYS AGE 10
TO 12 AND TWO ADULT NEIGHBORS SIGHTED DIRECTLY OVERHEAD AN
EXTREMELY BRILLIANT OBJECT WITH LIGHT BRILLIANCE EQUAL TO
EVENING STAR AT FIRST SIGHTING WAS TRAVELING EVEN SPED FROM
SOUTH TO NORTH X LAST SIGHT WAS APPROX 200030Z CMM OBJECT
HAD CHANGED COURSE TO SOUTHWEST TO NORTHEAST X WAS UNABLE TO
ESTIMATE ALTITUDE BUT STATES ALTITUDE GREAT AS SEEMED TO BE
REFLECTING SUN RAYS X 200044Z PASSED ALL INFO ON SIGHTING TO
DUTY OFFICER MAXWELL FLT SVC VIA PLAN 62

BT

CFN 200035Z (EX-AF HU-8-2319 200015Z 4 10 12 200030 200044Z

62

20/0110Z

20/1951Z NOV RJEZHQ

Copy to [unclear]
HEADQUARTERS
TYNDALL AIR FORCE BASE
and
4756th AIR BASE GROUP (ADC)
UNITED STATES AIR FORCE
TYNDALL AIR FORCE BASE, FLORIDA

REPLY TO
ATTN OF: ABDO

SUBJECT: Report on Unidentified Flying Object (UFO)

to: Aerospace Technical Intelligence Center (AFCIN 4E2X)
Wright-Patterson AFB, Ohio

In accordance with AFR 200-2, paragraph 15, dated 14 September 1959,
the following Flying Object Report by MSGT [redacted] is submitted:

a. Description of the object:

- (1) Shape - Elliptical.
- (2) Size - Baseball (larger than the evening star).
- (3) Color - Similar to star, but very bright.
- (4) Number - 1
- (5) Formation - N/A
- (6) Discernible features: Object was traveling on a steady course, weaving slightly and it was very bright.
- (7) Tail or Trail - None observed.
- (8) Unusual Features: I have observed other UFO's and satellites but this one was not as stable as previous ones.

b. Description of Course of Object:

(1) When I first noticed the object, I thought it was hovering over the Base Radar Station so I watched it in this position for a while. I looked at my watch and it was 1810C, 19 November 1960. Soon the object started to move from south to north traveling at a very fast speed. I observed it to make sure it wasn't an aircraft. I called my family and [redacted] family (Rated Pilot) to look at it. I also reported it to the Tyndall Base Weather Station.

(2) Angle or elevation and azimuth of object: I first noticed the object coming on an azimuth of 180°.

(3) Angle and azimuth of object: The object seemed to disappear on an approximate heading of 360° .

(4) Description of flight path and maneuvers of object: The object traveled, it seemed, from south to north. It was steady in the front with a slightly weaving motion in the rear and traveling on a straight course.

(5) Manner in which object disappeared: The object disappeared instantly.

(6) Length of time object was visible: The object was visible about eight or ten minutes.

c. Manner of Observation:

(1) Method used in observation: Ground-visual.

(2) Optical Aids: N/A

(3) Aircraft used: N/A

d. Time and Date of Sighting:

(1) 1810 hours, 19 November 1960.

(2) Light conditions: Night

e. Location of Observer: Capehart, Tyndall AFB, Florida.

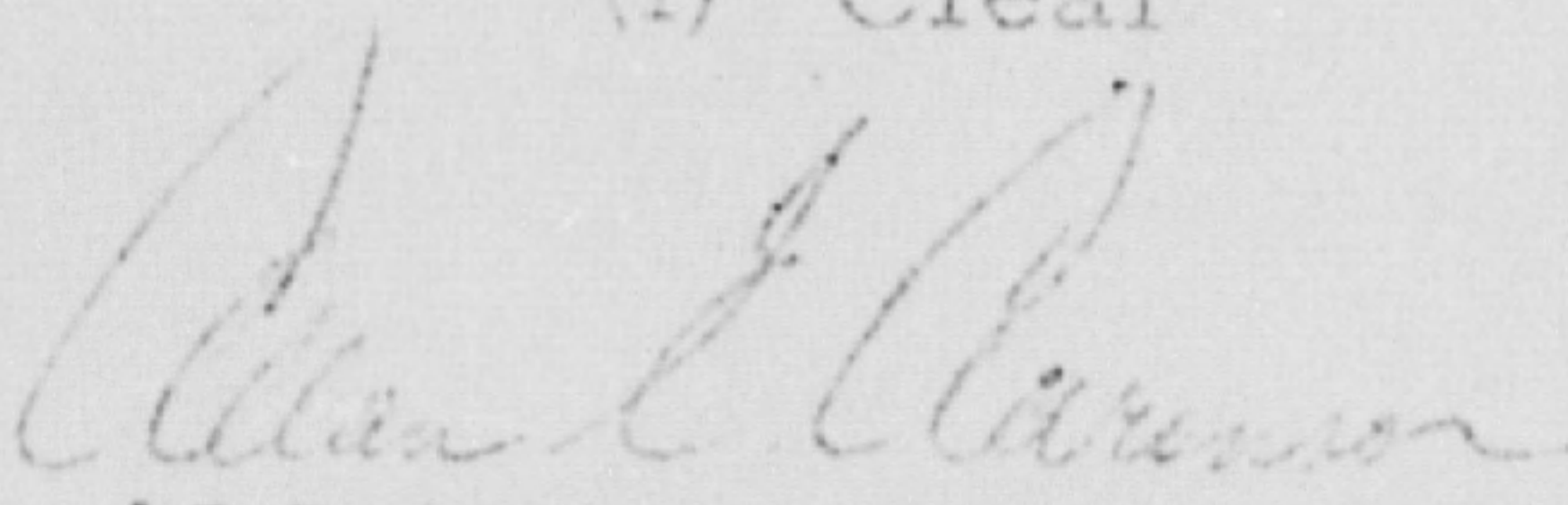
f. Identifying information on observer:

(1) Civilian: N/A

(2) Military: [REDACTED], MSGT, [REDACTED] (Training Section).

g. Weather and Winds: Aloft conditions

(1) Clear


ALLAN E. AARONSON
Captain, USAF
Director of Operations

1 Atch
Map

[REDACTED]

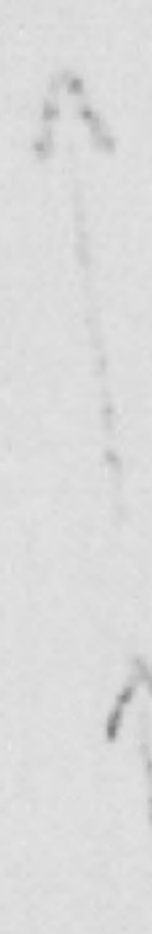
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★ EVENING - 1960

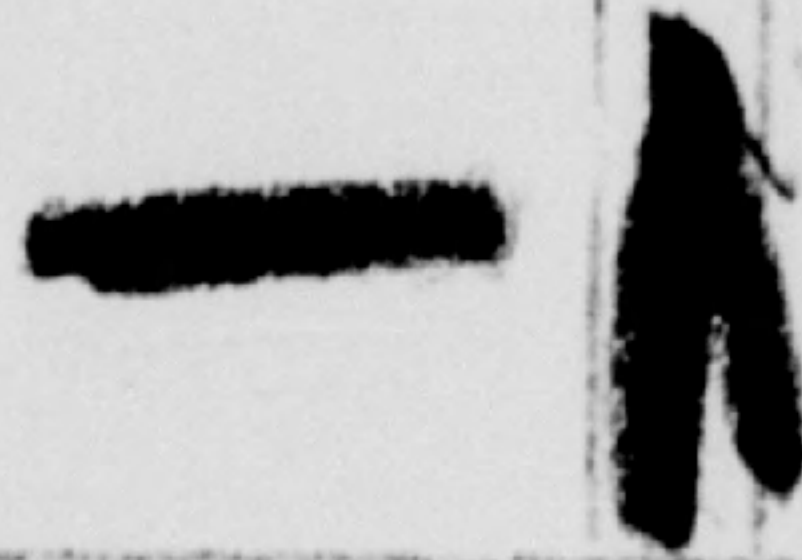
⊙ UFO

FIRST- SIGHTED

(1810-19 NOV. 1960
CENTRAL)



CAPT. [REDACTED]
HOUSE



[REDACTED]



1 TELEPHONE POLE

SGT. [REDACTED]
HOUSE

⊙ UFO

LAST SEEN

1820-19 NOV. 1960

[REDACTED]

9/15/60

[REDACTED]

PROJECT 10073 RECORD CARD

1. DATE 20 Nov 60		2. LOCATION Dayton, Ohio		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☒ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local 2100 GMT 21/0200Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 5 min		8. NUMBER OF OBJECTS one		9. COURSE NW	
10. BRIEF SUMMARY OF SIGHTING Reddish object, like a star, disappeared by fading from sight.				11. COMMENTS Possibly an a/c from one of the several small and large airports in the Dayton area.	

AEROSPACE TECHNICAL INTELLIGENCE CENTER
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE
OHIO



REPLY TO
ATTN OF:

ATTN-432

SUBJECT:

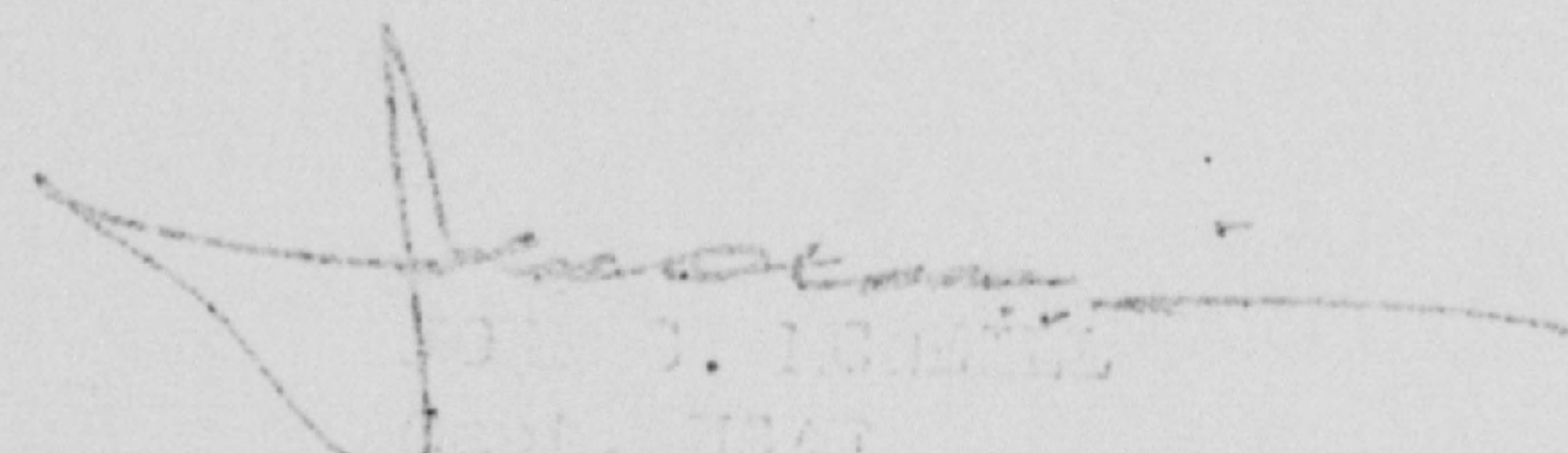
Information from Duty Officers' Report

21 Nov 60

TO:

ATTN-432, 1st Lt. Tolson

The attached UFO from Capt Do, 1st Report dated 20 Nov 60 is
forwarded for your information.


J. L. Tolson
1st Lt, USAF
ATTN-432

11/21/60
ATTN-432

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?

20 Nov 60
Day Month Year

2. Time of day: 2100

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?

DuPont Ohio
Nearest Postal Address

City or Town

State or Country

Additional remarks: _____

5. How long was object in sight?

Hours

5 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

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?

like a star

redish

11. Did the object:

(Circle One for each question)

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

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

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

- a. Sound none
- b. Color white & red

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:

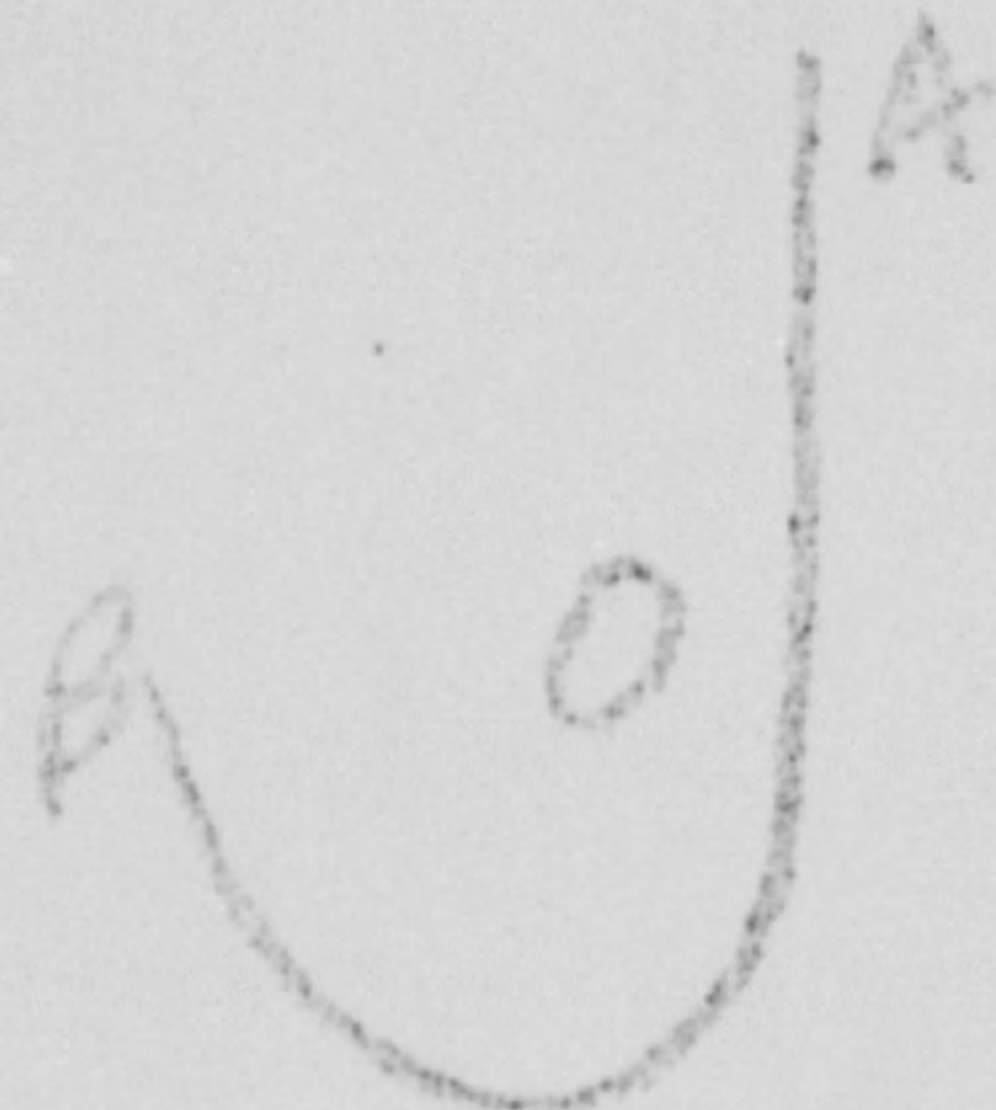
- (Circle One): a. Fuzzy or blurred
b. ☒ Like a bright star
c. Sharply outlined
d. Don't remember

e. Other _____

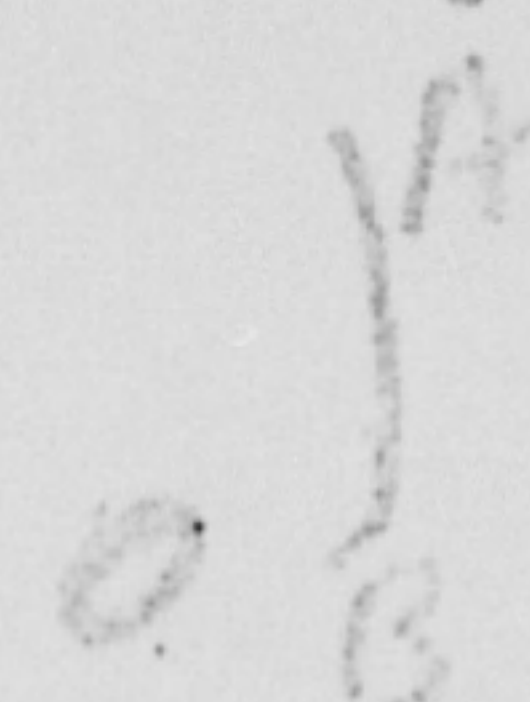
19. IF there was MORE THAN ONE object, then how many were there? _____

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.



first time



second time

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?

yes - just couldn't see it any more

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.

Star

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

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

26. Were you (Circle One)

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

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

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:

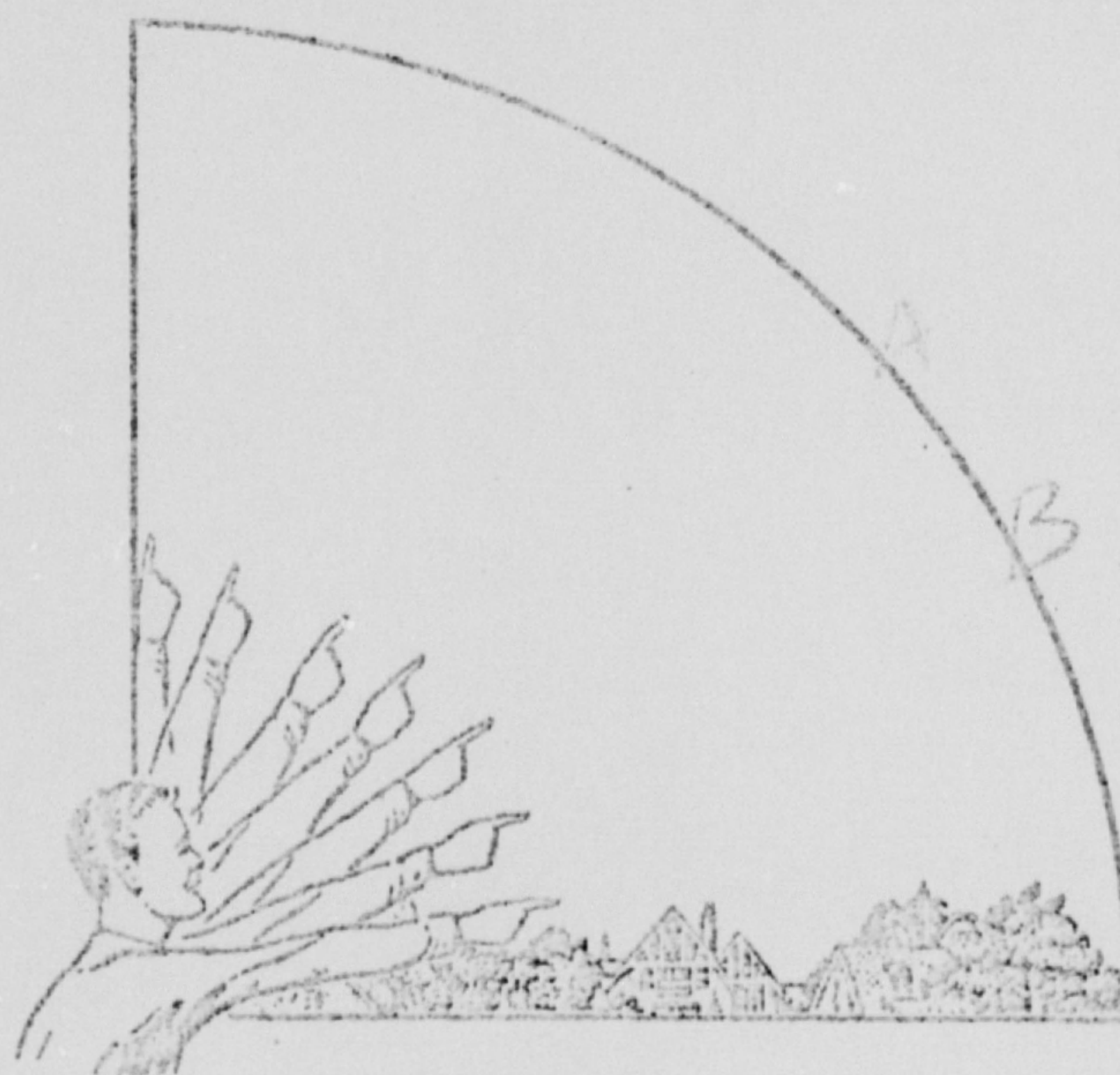
- a. From true North 0 degrees.
- b. From horizon 45 degrees.

31.2 When it disappeared:

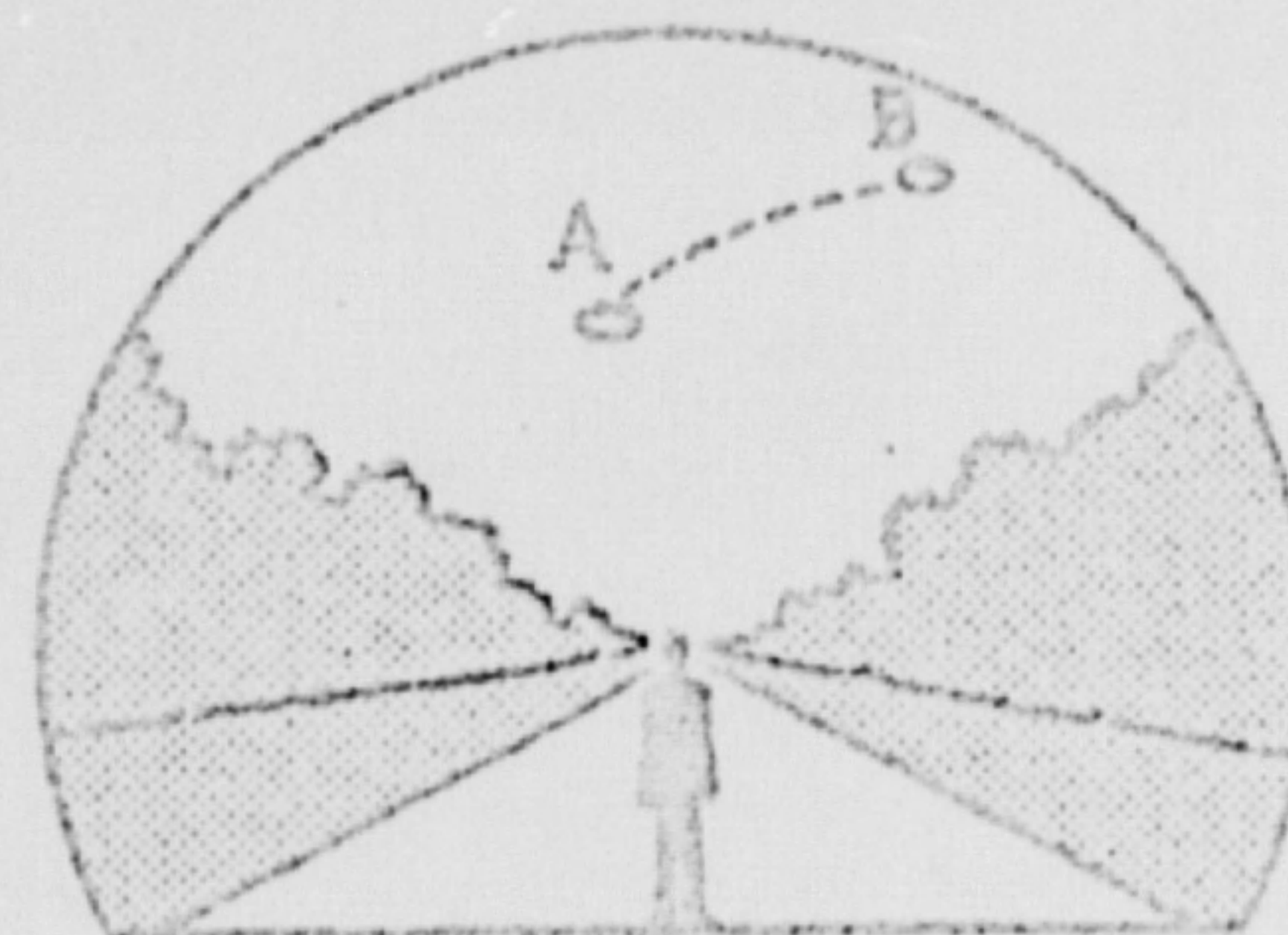
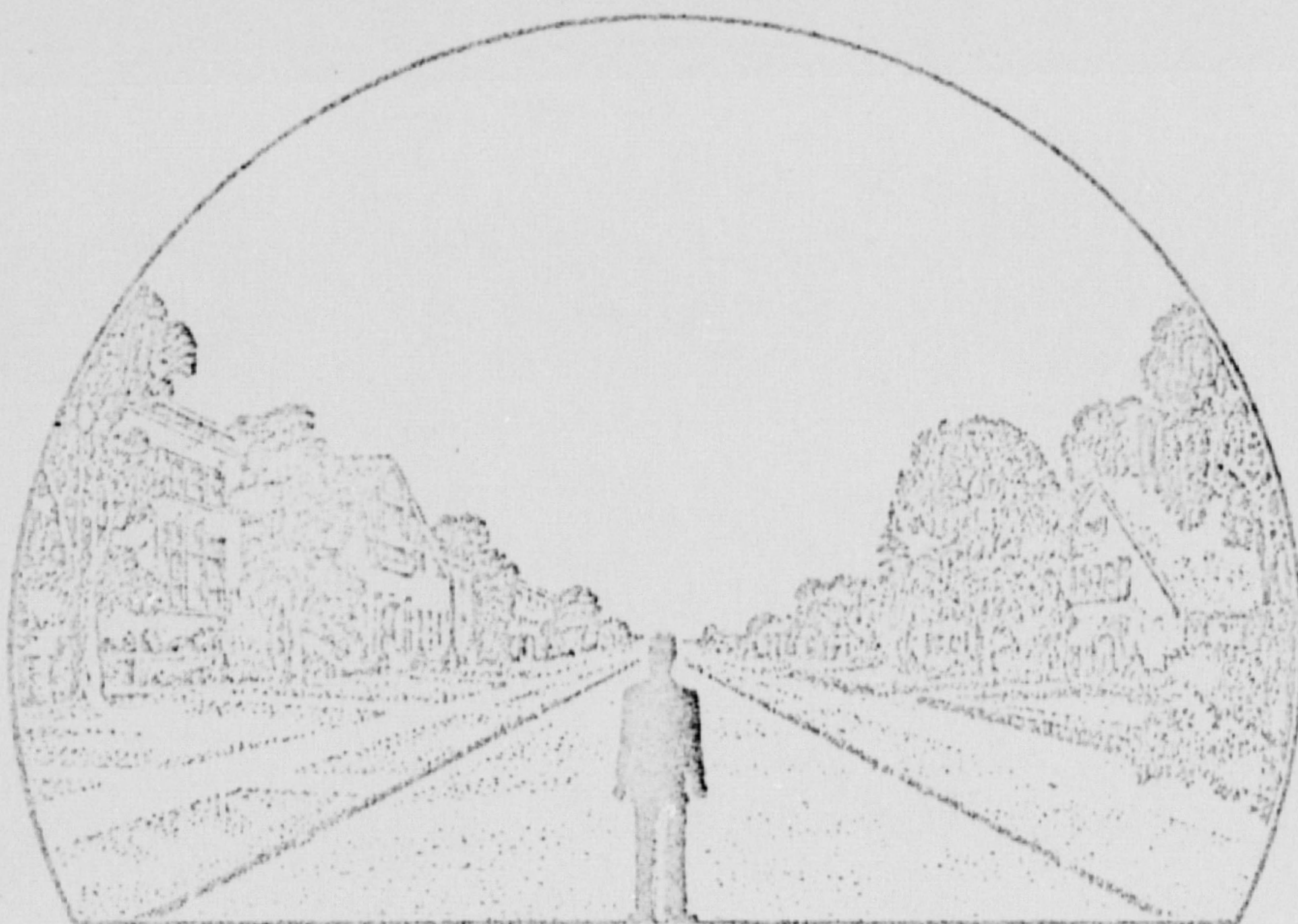
- a. From true North 220 degrees.
- b. From horizon 40 degrees.



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?

20 Nov 60
Day Month Year

ATIL D. D.

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?

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 _____

First Name

Middle Name

ADDRESS _____

City

Zone

State

TELEPHONE NUMBER _____

Age 16

Sex M

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

42. Date you completed this questionnaire:

20
Day

NOV
Month

00
Year