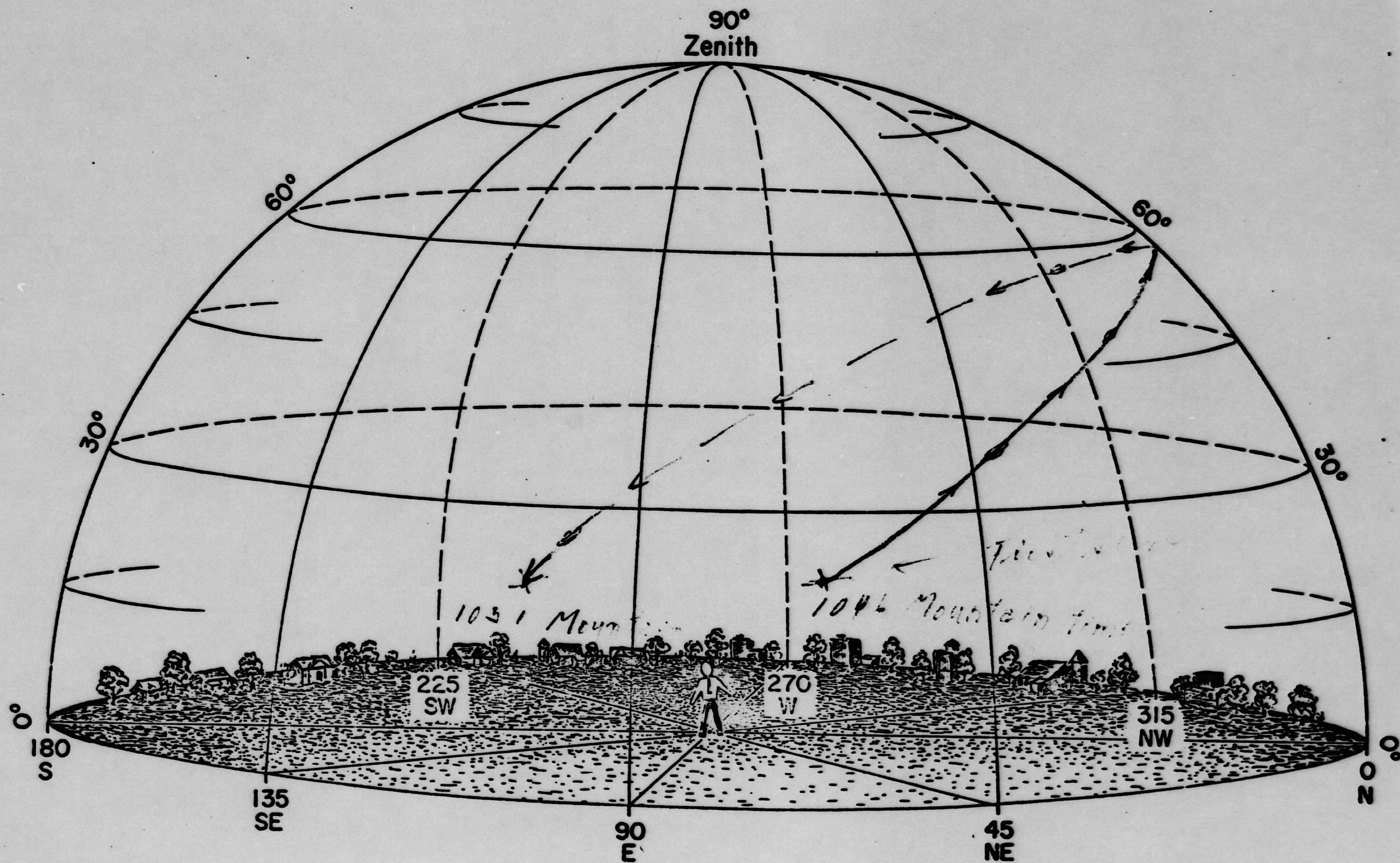


PROJECT 10073 RECORD CARD

1. DATE 14 Jun 58		2. LOCATION Pueblo, Colorado		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other <u>UNIDENTIFIED</u> ☐ Insufficient Data for Evaluation ☒ Unknown	
3. DATE-TIME GROUP Local 1046 MST GMT		4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Theodolite ☐ Air-Visual ☐ Ground-Radar ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 5 mins		8. NUMBER OF OBJECTS one		9. COURSE SW	
10. BRIEF SUMMARY OF SIGHTING Obj entered field of theodolite circular in shape w/an apparently flat ring around the obj & a rounded dome in the middle. Obj was white or silvery white. Obj was higher than cirrus clouds at 30,000ft.				11. COMMENTS Placed in category unidentified.	



UNITED STATES DEPARTMENT OF COMMERCE

WEATHER BUREAU

Fueblo, Colorado

June 16, 1933

Report on Unidentified Flying Object
(Seen by [redacted] June 14, 1933.)

While taking the Pibal Observation on the morning of June 14, 1933 at 1045M an unidentified flying object entered the theodolite field at an elevation angle of 24.2° , azimuth 247.9° . It was followed across the northern sky with the theodolite, reaching a high angle in the north of an estimated 80° , on into the southwest where it disappeared in haze at an elevation angle of 3.1° , azimuth 67.2° . The object was moving too fast to note any theodolite readings, during the traverse across the sky; so the high angle of 80° had to be estimated. It took 5 minutes (plus or minus 1) to cross the sky from the time of first sighting till lost to view. Minutes were counted by the pibal buzzer, but since time could not be taken to write anything down, the 5 minutes count might be in error by one.

When first seen the outline of the object was not too clear, but as it passed at a high angle, the shape was quite distinct. It was circular in shape with an apparently flat ring around the object and a rounded dome in the middle. It looked very much like a picture of Saturn with its rings. The object appeared white or silvery white, and no metallic luster was noted. There was no noise or smoke or exhaust visible, and no vapor trails were seen. The object was higher than some cirrus clouds, which were estimated at 20,000 feet. This was known because the object passed above a few wisps of cirrus, and while its outline could still be seen, it was slightly blurred at such times.

Upper winds during the day were from the southwest quadrant, opposite to the movement of this object. A check was made with a local astronomer, concerning the possibility that a satellite had been observed; but it was determined that no known satellite was moving in the direction of this object, nor could the shape of any known satellite have been noted with the relatively low power scope on a theodolite.

UNITED STATES DEPARTMENT OF COMMERCE
WEATHER BUREAU
WASHINGTON

JUN 24 1958

IN REPLY, PLEASE ADDRESS
CHIEF, U. S. WEATHER BUREAU
WASHINGTON 25, D. C.
AND REFER TO

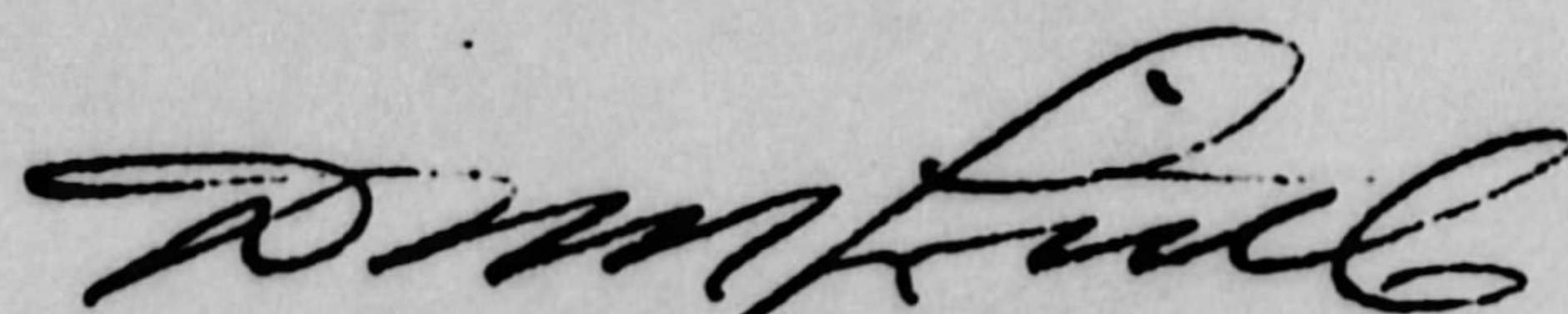
0-4. 23

Lt. Col. Sauer RDSB
Headquarters ARDC
Andrews Air Force Base
Washington 25, D. C.

Dear Sir:

As a matter of possible interest to you, we are enclosing a report rendered by one of our meteorologists on the sighting of an unidentified foreign object. The object was seen by Mr. [REDACTED] of the Weather Bureau Airport Station at Pueblo, Colo. If you desire further details, we have no objection to your addressing your inquiries directly to Mr. [REDACTED]

Very truly yours,



D. M. Little
Deputy Chief of Bureau

Enclosure (1)

Return to Mr. Little



AIR RESEARCH AND DEVELOPMENT COMMAND

HEADQUARTERS

UNITED STATES AIR FORCE

Andrews Air Force Base
Washington 25, D. C.

ADDRESS REPLY TO
COMMANDER, ARDC; ATTN:

RDSBI

30 JUN 1958

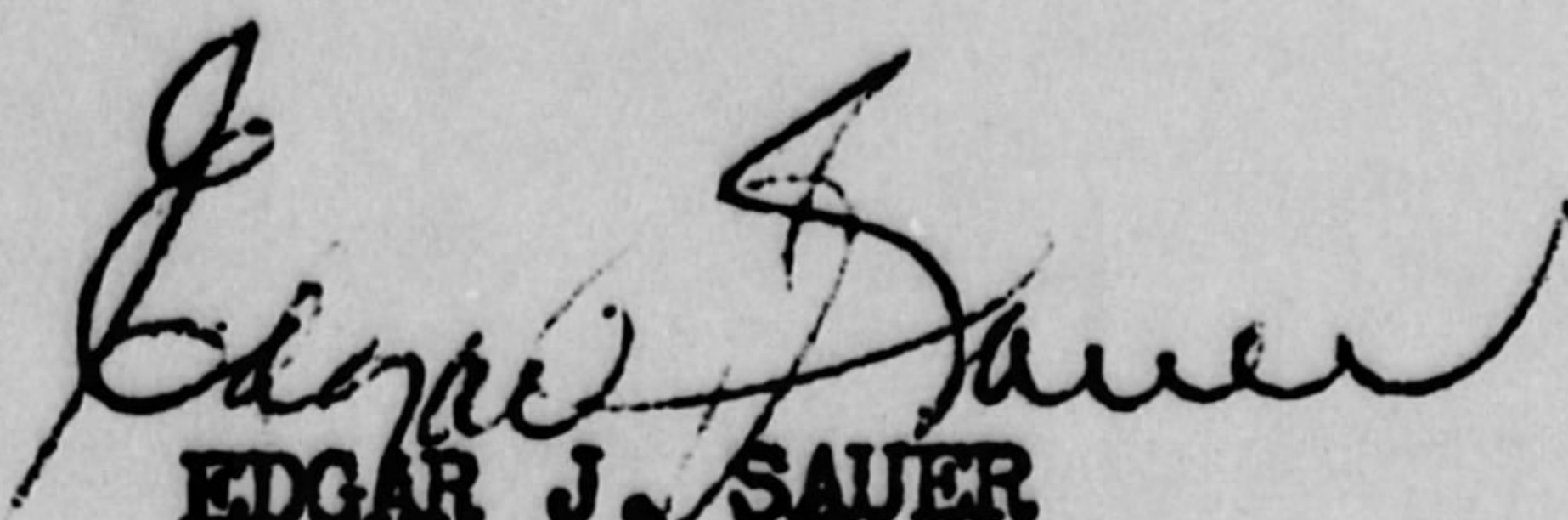
SUBJECT: Sighting of an Unidentified Flying Object

**TO: Commander
Air Technical Intelligence Center
ATTN: AFCIN-4X2
Wright-Patterson Air Force Base
Ohio**

In accordance with AFR 200-2, please find attached correspondence received from outside sources reference to sighting of unidentified flying object.

FOR THE COMMANDER:

1 Incl
Ltr frm Weather Bureau
dtd 24 Jun 58 w/report


EDGAR J. SAUER
Lt Colonel, USAF
Intelligence Division

FILE CLASS: _____
OFFICIAL FILE COPY
4E4

OFFICE OF RECORD

02-400	COORDINATION
	AFCIN-4
	AFCIN-4X2b
	Mr. Weather
	U. S. D
	Pueblo,
	Dear Mr.
	AFCIN-4X3
	on the
	AFCIN-4X4
	balloon
	AFCIN-4X5
	15th of
	(Special
	believe
	AFCIN-4A
	qualif
	be the
	However
	AFCIN-4B
	apprec
	as much
	pertin
	AFCIN-4C
	intere
	AFCIN-4D
	AFCIN-4E
1	4E4 5.1.1
2	4E4 N-1.1.1
3	4E
	W/A
	AFCIN-4F
	OTHERS

Mr. [REDACTED]
Weather Bureau
U. S. Department of Commerce
X25 Pueblo, Colorado

Dear Mr

X3	Your brief report concerning an unidentified flying object observed on the morning of 14 June 1958 has been referred to this Center.
----	--

1X4 Routine checks and research disclosed that an upper-atmosphere balloon, Flight No. 161, was tracked continuously by the facilities of the AACS and last reported in the vicinity west of Pueblo between the 14th and 17th of June. Reference is made to U. S. Plotting Chart, WRC 4-4A (Special), Headquarters, Air Weather Service, U. S. Air Force, which we believe is made available to the U. S. Weather Bureau.

4A This Center has countless similar sightings observed by highly qualified persons, which, upon investigation and analysis, were found to be these high-altitude balloons, often moving rapidly in jet streams. However, to insure a more detailed treatment of the report, it would be appreciated if the attached official UFO questionnaire be accomplished in as much detail as possible and returned to this Center. Certain data and pertinent items of information are lacking from the brief report.

4C Your reporting of the sighting to the proper authorities, and the interest shown in the matter is appreciated.

Sincerely,

14. K. Gilbert
H. K. GILBERT
Colonel, USAF
Deputy for Science
and Components

OTHERS

PERM	
TEMP	
90 DAYS	
INITIAL	

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?

14 June 1957
Day Month Year

2. Time of day:

10:00 15
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?

Memorial Airport Perth Colorado
Nearest Postal Address City or Town State or Country

Additional remarks:

Taking pictures of object
for identification purposes

5. Estimate how long you saw the object.

5
Hours Minutes Seconds

5.1 Circle one of the following to indicate how certain you are of your answer to Question 5.

a. Certain $\pm$ 1 min
b. Fairly certain

c. Not very sure
d. Just a guess

6. What was the condition of the sky?

(Circle One): a. Bright daylight
b. Dull daylight
c. Bright twilight

d. Just a trace of daylight
e. No trace of daylight
f. Don't remember

7. IF you saw the object during DAYLIGHT, TWILIGHT, or DAWN, 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

When first seen

8. IF you saw the object, at NIGHT, TWILIGHT, or DAWN, 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. Was the object brighter than the background of the sky?

(Circle One):

a. Yes

b. No

c. Don't remember

10. IF it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight?:

(Circle One) a. A mile or more away (a distant car)?

b. Several blocks away?

c. A block away?

d. Several yards away?

e. Other

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 ~~push 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. Flicker, throb, or pulsate?

Yes

No

Don't Know

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

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved behind:

Cirrus clouds
estimated at 30000 ft. above surface

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

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved in front of:

14. Did the object appear: (Circle One):

a. Solid?

b. Transparent?

c. Don't Know.

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

a. Eyeglasses

Yes

No

b. Sun glasses

Yes

No

c. Windshield

Yes

No

d. Window glass

Yes

No

e. Binoculars

Yes

No

f. Telescope

Yes

No

g. Theodolite

Yes

No

h. Other

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

a. Sound _____

b. Color _____

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.



Looked like a picture of Saturn with rings, except that this was white.

18. The edges of the object were:

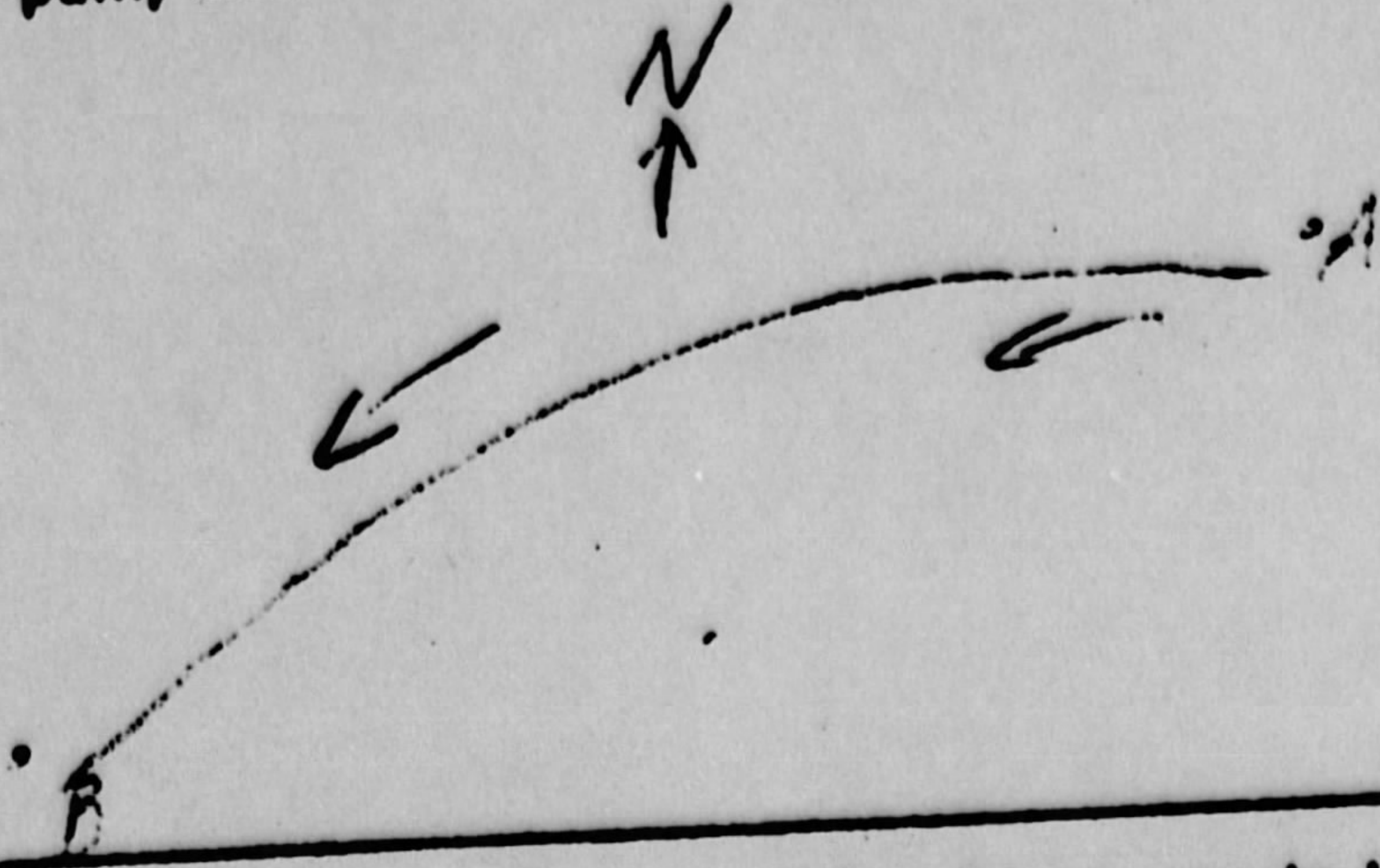
- (Circle One):
- a. Fuzzy or blurred
 - b. Like a bright star
 - ☒ c. Sharply outlined
 - d. Don't remember

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.

Only one

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. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension. 30 feet. at least, not much more

22. How large did the object or objects appear as compared with one of the following objects held in the hand and at about arm's length? Does not apply as object was not seen

(Circle One):

- | | |
|------------------|------------------|
| a. Head of a pin | g. Silver dollar |
| b. Pea | h. Baseball |
| c. Dime | i. Grapefruit |
| d. Nickel | j. Basketball |
| e. Quarter | k. Other _____ |
| f. Half dollar | |

- 22.1 (Circle One of the following to indicate how certain you are of your answer to Question 22.)

- | | |
|-------------------|------------------|
| a. Certain | c. Not very sure |
| b. Fairly certain | d. Uncertain |

23. How did the object or objects disappear from view? Faded from view in
page at elevation angle of 2.1°

24. In order that you can give as clear a picture as possible of what you saw, we would like for you to imagine that you could construct the object that you saw. Of what type material would you make it? How large would it be, and what shape would it have? 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.

I know of no object that would
look like this.
shaped as shown in sketch 11.
Material: possibly metal painted white.
about 30 feet in diameter.

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
- e. At sea
- f. Other Balloon observation
done open to sky.

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. Flying near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other at airport

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

Taking Pilot Balloon observation.
Object entered field of theodolite

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

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

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

31.1 When it first appeared:

- a. From true North 67 degrees.
- b. From horizon 24.2 degrees.

to the east

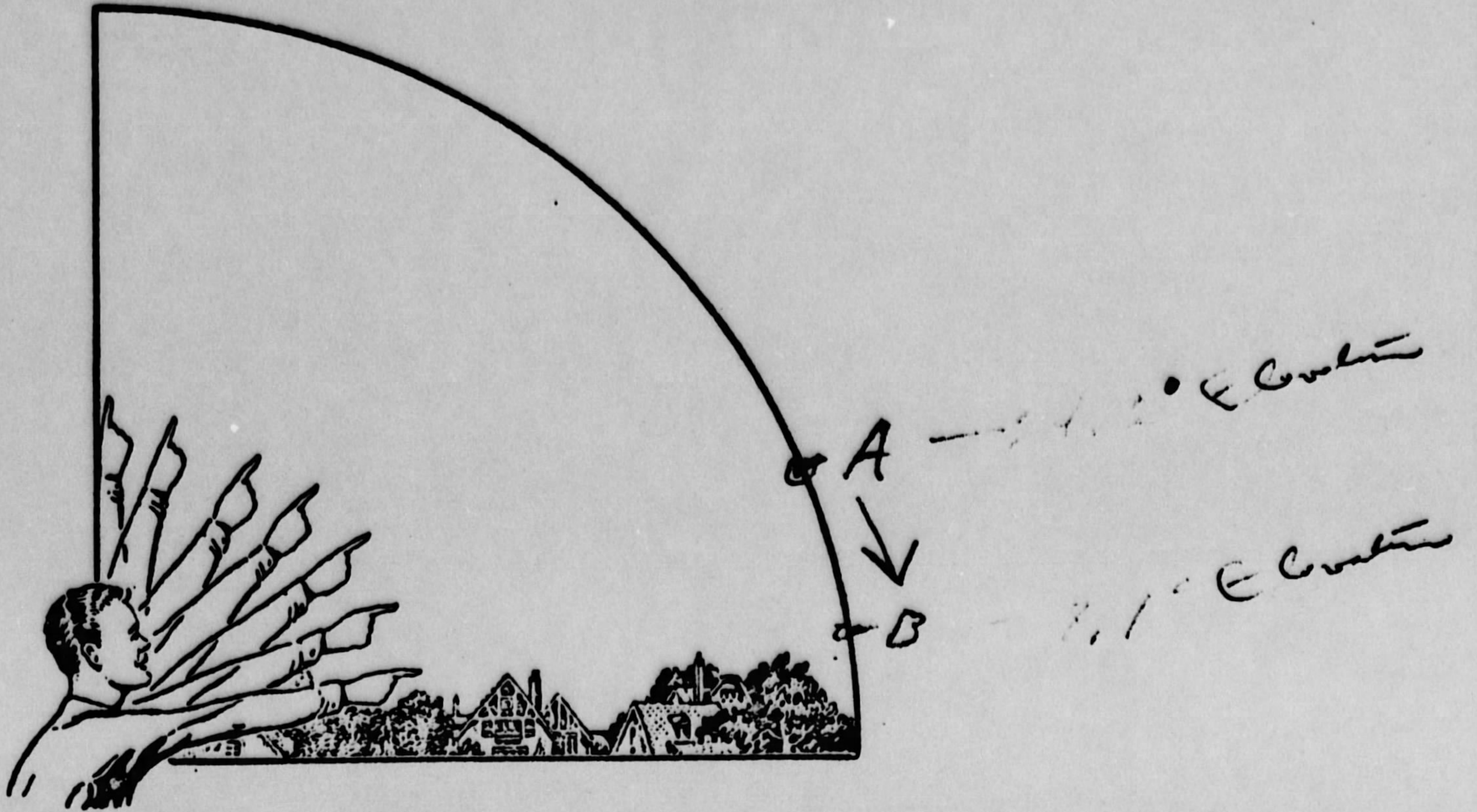
31.2 When it disappeared:

- a. From true North 122.8 degrees.
- b. From horizon 8.1 degrees.

To the southwest

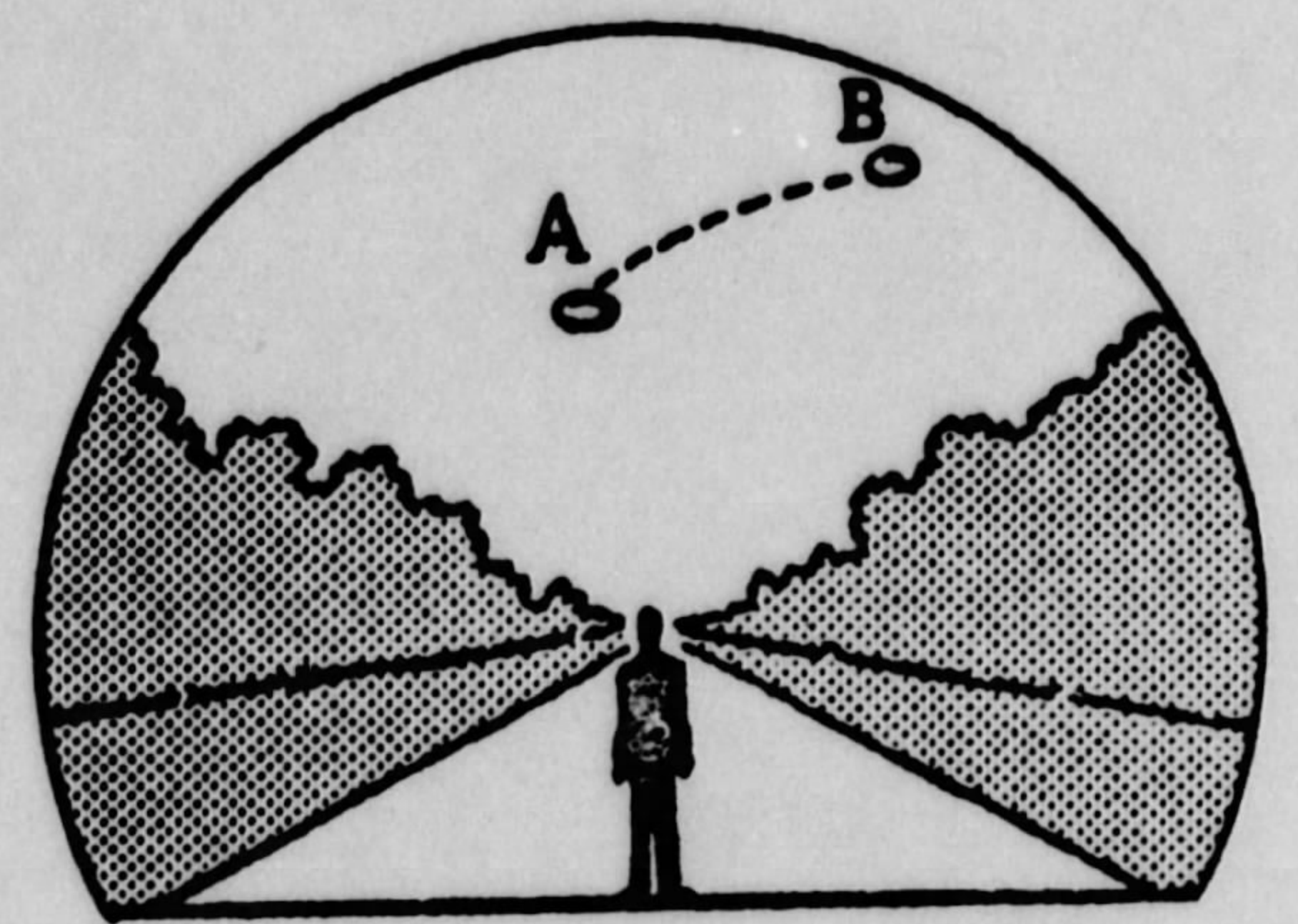
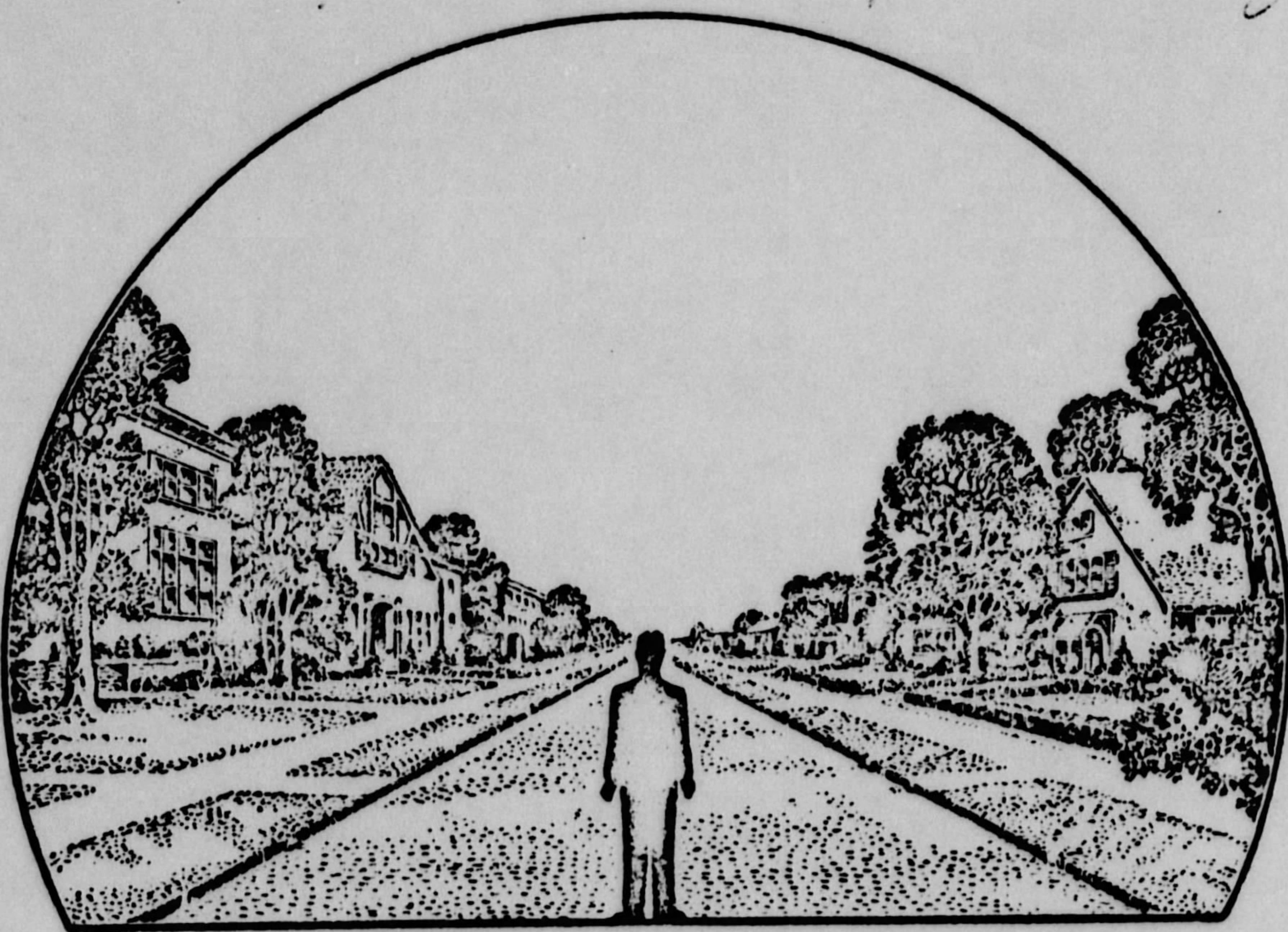
(exact not estimated)

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.

Cannot be shown on this sketch. Model is too large and wide of the sky.



34. What were the weather conditions at the time you saw the object?

34.1 CLOUDS (Circle One)

- a. Clear sky
- b. Hazy
- ☒ c. Scattered clouds (1 ac, 3 ci)
- d. Thick or heavy clouds
- e. Don't remember

34.2 WIND (Circle One)

- a. No wind
- ☒ b. Slight breeze (↑ ↑ 5 knots)
- c. Strong wind (SSW)
- d. Don't remember

34.3 WEATHER (Circle One)

- ☒ a. Dry (Rel. Humidity 22%)
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

34.4 TEMPERATURE (Circle One)

- a. Cold
- b. Cool
- c. Warm
- ☒ d. Hot (84.4° F)
- e. Don't remember

35. When did you report to some official that you had seen the object?

14 June 1958
Day Month Year

(Notes on weather recorded)

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?

It was a material, artificial object, and not a balloon. (Watching balloons is part of my regular duties as a meteorologist.)

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?

540 m.p.h.

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?

66000 feet.

41. Please give the following information about yourself:

NAME

[Redacted] Last Name

[Redacted] First Name

[Redacted] Middle Name

ADDRESS

[Redacted] Street

Pueblo City

[Redacted] Zone

CO State

TELEPHONE NUMBER

[Redacted]

What is your present job?

Meteorologist, Weather Bureau

Age

51

Sex

Male

Please indicate any special educational training that you have had.

a. Grade school

✓

b. High school

✓

c. College

✓

d. Post graduate

e. e. Technical school

(Type)

f. Other special training

22 years as Weather Bureau observer

42. Date you completed this questionnaire:

24 Day

June Month

1953 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]
(Please Print)

(Do Not Write in This Space)

CODE:

SIGNATURE [REDACTED]

DATE July 24, 1958

11046 SMT + 7 = 1746 (JT) Z

This unidentified object was seen while taking a Pilot Balloon Observation on the morning of June 14, 1958, while I was in the observation dome watching the Weather Bureau Pilot Balloon by a theodolite. The object entered the field of the theodolite at 1046 Mountain time, at an elevation angle of 24.2° and an azimuth of 247.0° (looking toward the East Northeast.) (Weather Bureau theodolites are oriented with 0° looking toward the south. If you use azimuth bearings with 0° oriented NORTH then this would be 67° .) The object was followed across the northern sky with the theodolite, reaching a high angle of an estimated 50° (possibly higher), on into the southwest, where it disappeared in haze at an elevation angle of 8.1° , azimuth 57.2° (again with 0° oriented SOUTH) (If 0° is oriented NORTH this would be 237.2°). The object was going southwest. The object was moving too fast to note any theodolite readings during its traverse across the sky, so the high angle of 50° had to be estimated. It took 5 minutes (plus or minus 1 minute) to cross the sky from the time of first sighting until lost to view. Minutes were counted by use of the buzzer used in taking balloon observations, but the count could possibly be in error by one minute, since I could not take time to write anything down while watching the object.

When first seen the outline of the object was not too clear, but as it passed overhead at a high angle, the shape became quite clear. It was circular in shape with an apparently flat ring around the object and a rounded dome in the middle. It looked very much like a picture of Saturn with its rings, except that I did not see any rounded part below the ring. The object appeared white or silvery white, and no metallic luster was noted. There was no noise or smoke or exhaust visible, and no vapor trails were seen. The object was higher than cirrus clouds, which were estimated at 30,000 feet. (I have 28 years experience as a Weather Observer with the Weather Bureau in estimating cloud heights.) The object passed above a few wisps of cirrus, and while its outline could still be seen it was slightly blurred at such times.

continued next page.

diffused?

Check with Alex - O.K.
7

Upper Air winds during the day were from the southwest quadrant, opposite to the movement of this object. A check was made with a local astronomer concerning the possibility that a satellite had been observed, but it was determined that no known satellite was moving in the direction of this object, nor could the shape of any known satellite have been noted with the relatively low power scope on a theodolite. — Not so.

The estimated size of the object, the distance away and its estimated speed, as shown on this questionnaire, are all based on an altitude of 30,000 feet, as I am certain that is the minimum altitude the object could have had, as indicated by its passing above cirrus clouds. If the object was much higher than 30,000 feet, as is quite possible, the size, speed, and distance away when first and last seen, would all be increased. I have seen high altitude balloons through the theodolite and they did not look at all like this object. Also the speed of the object would rule out the possibility of it being a balloon, since the minimum speed was known to be above 500 mph toward the southwest.

MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE	CAPT MITTECH	INITIALS	CIRCULATE
ORGANIZATION AND LOCATION	AFGIN-4F3A	DATE	COORDINATION
2	Capt Gregory HE 4.		FILE
3	Highly improbable the 5-10-65 me of send to check handwritten minutes		INFORMATION
4			NECESSARY ACTION
			NOTE AND RETURN
			SEE ME
			SIGNATURE
REMARKS Gerry; This is a toughie. I have approached it from every scientific and logical angle..after preliminary checks of a/c schedules(both military and civil), radar units, tests and operations, GOC, and others all showed NEGATIVE. Since Dr. Hynek (to whom I sent only the very complex cases) is in Moscow..respectfully request that you make the last scientific check: possible correlation with one of the satellites. If no resolution , this will be one that I must place in the category of "UNKNOWN" Have provided you with copies of all pertinent material. Note that the source is a wx expert with over 20 years experience..and for once precise data were submitted i.e, UFO was tracked with a theodolite. Thanks...			
FROM NAME OR TITLE		DATE	
CAPT . GREGORY			
ORGANIZATION AND LOCATION		TELEPHONE	
4E4		67216	

DD FORM 95
1 FEB 50

Replaces DA AGO Form 895, 1 Apr 48, and AFHQ Form 12, 10 Nov 47, which may be used.

☆ GPO : 1955-O-403461

Greg:

6 Aug 58

This WFO could not have been any of the then current satellites [1958 alpha, beta, or gamma] for two reasons: (1) None of them move from NE to SW [only NW $\rightarrow$ SE or SW $\rightarrow$ NE] (2) The theodolite would be of too low a power to resolve any of them [as the observer correctly stated] or even the big Soviet jobs.

B

Analyst's Conclusions:

This was clocked out
and analyzed from every sound
angle.

If we assume that he actually
saw a physical, concrete material
thing (and we have only his
word — no photographs, no witnesses)

and we postulate that he is
a reliable source, without any
qualifications — and that
the image was not the
result (presumed) of optical
flaws such as are occasionally
found in astronomical photo
plates (see p. 530, Sky + Telescope
Journal - Sept 1957) — then
we must conclude it to be
a valid UNKNOWN

DTG
3 Aug 50