

PROJECT 10073 RECORD

1. DATE - TIME GROUP 27 November 1968 27/12 5 27/01 5Z		2. LOCATION Cassopolis, Michigan	
3. SOURCE Civilian		10. CONCLUSION Satellite (ECHO II) At 1835 local Echo II was at 101 long 44 lat. at 1839 at 96 long 59 lat.	
4. NUMBER OF OBJECTS One		11. BRIEF SUMMARY AND ANALYSIS The observer sighted what appeared as a low flying star.	
5. LENGTH OF OBSERVATION 4 Minutes.			
6. TYPE OF OBSERVATION Ground-Visual			
7. COURSE SE to E			
8. PHOTOS ☐ Yes ☒ No			
9. PHYSICAL EVIDENCE ☐ Yes ☒ No			

FORM

FTD SEP 63 0-329 (TDE)

Previous editions of this form may be used.

27 Nov 68

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433



6 JAN 1969

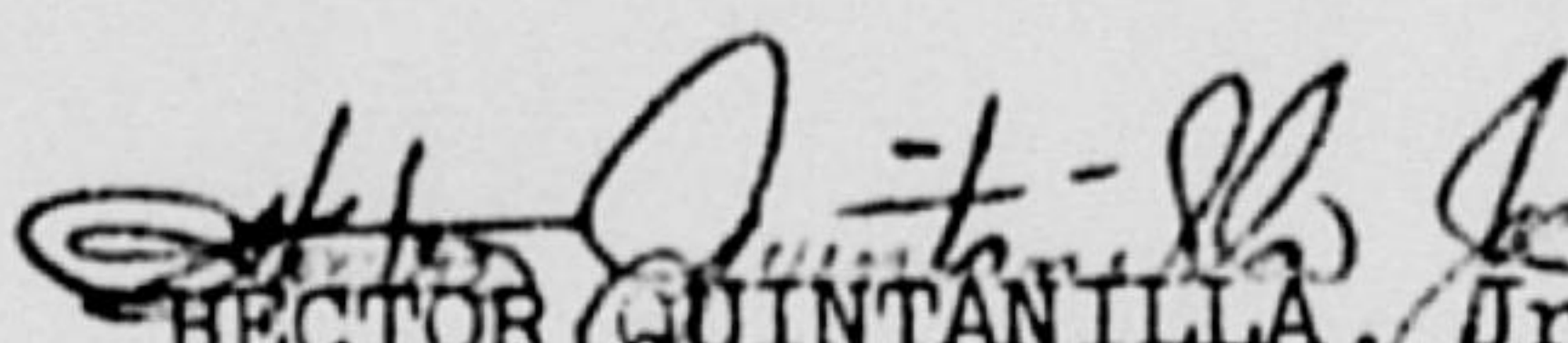
REPLY TO
ATTN OF: TDPT (UFO)

SUBJECT: UFO Observation, 27 November 1968

TO:

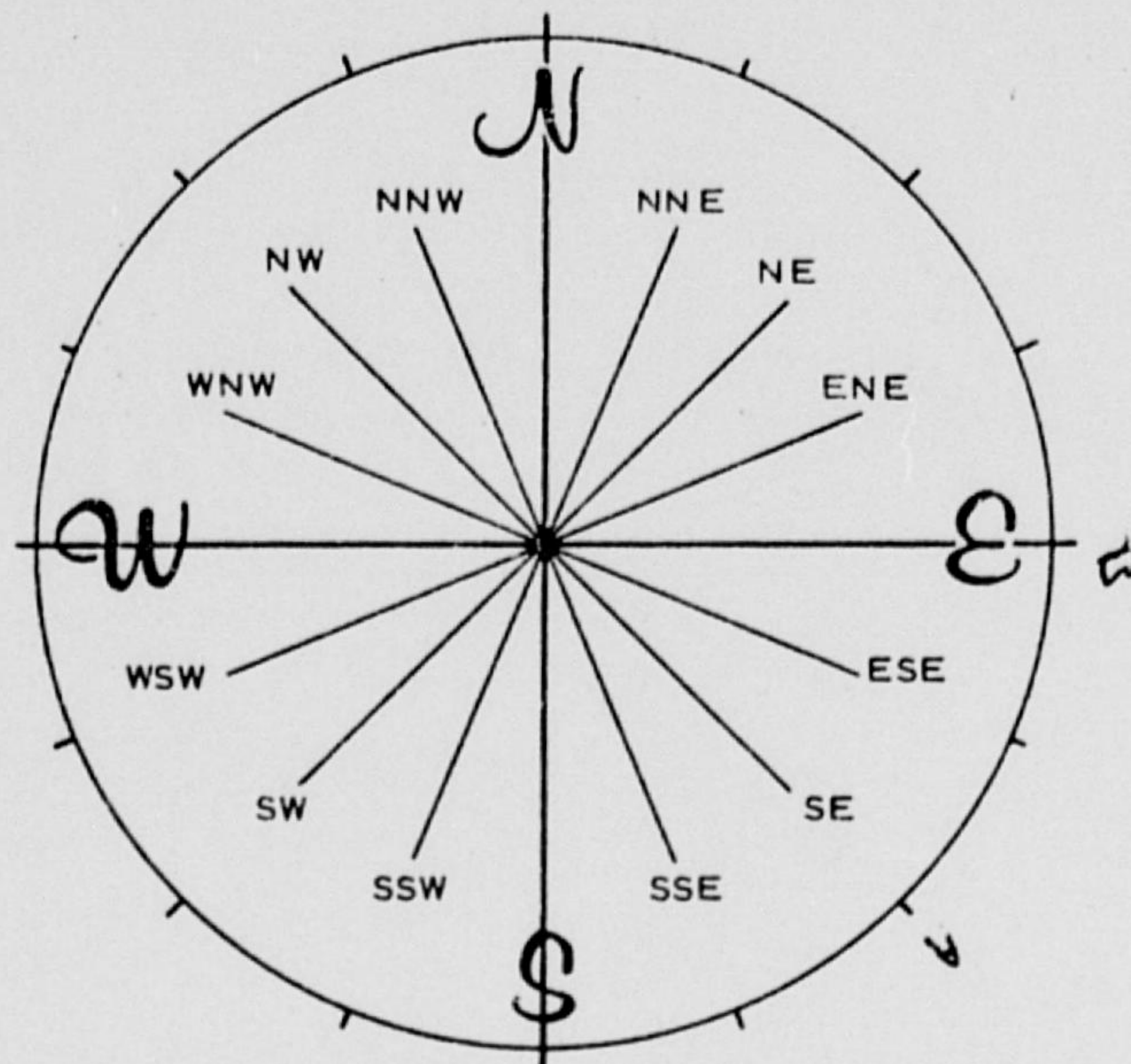
[REDACTED]
Cassopolis, Michigan 49031

Reference your recent unidentified flying object sighting which you reported to the Air Force. The information which we have received is not sufficient for a scientific investigation. Request you complete the attached AF Form 117 and return it in the self-addressed envelope. Thank you for reporting your observation to the Air Force.

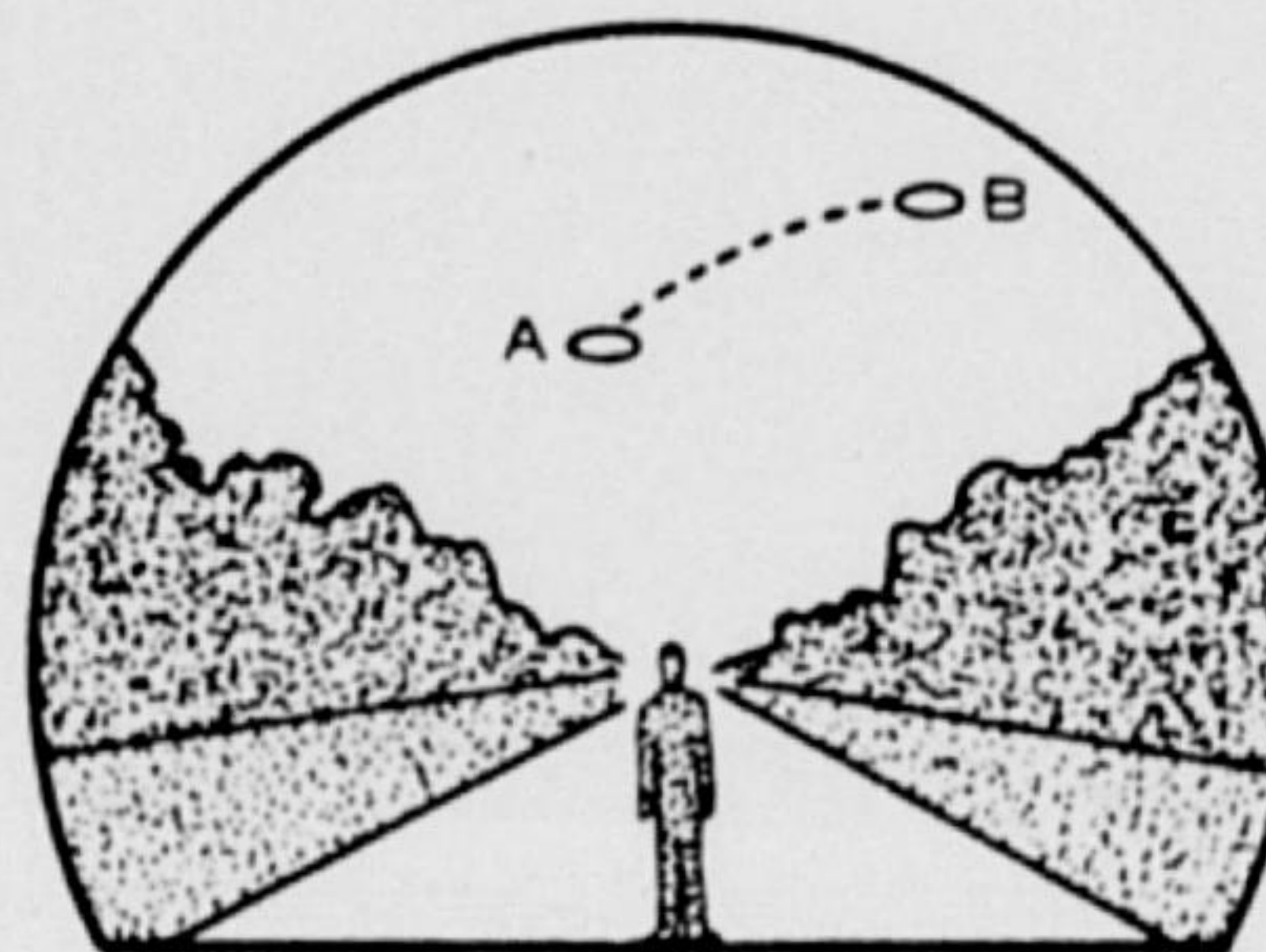
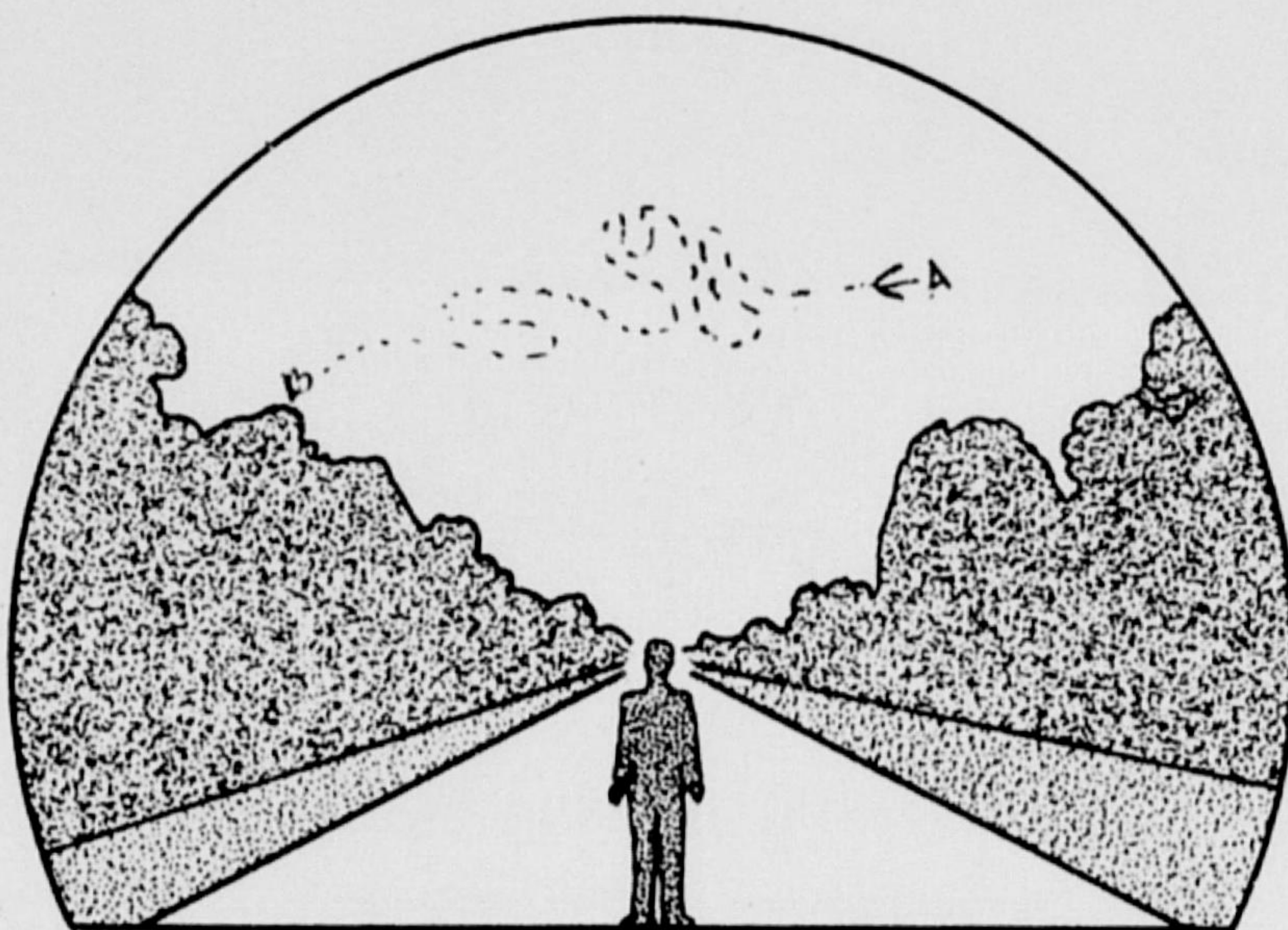

HECTOR QUINTANILLA, Jr., Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
AF Form 117 w/envelope

6A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.



SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL
NUMBER 21-R258

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. (IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)

1. WHEN DID YOU SEE THE PHENOMENON?

DAY 27 MONTH Nov YEAR 1968

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON?

HOUR 1800 MINUTES 45 ☐ A.M. ☒ P.M.

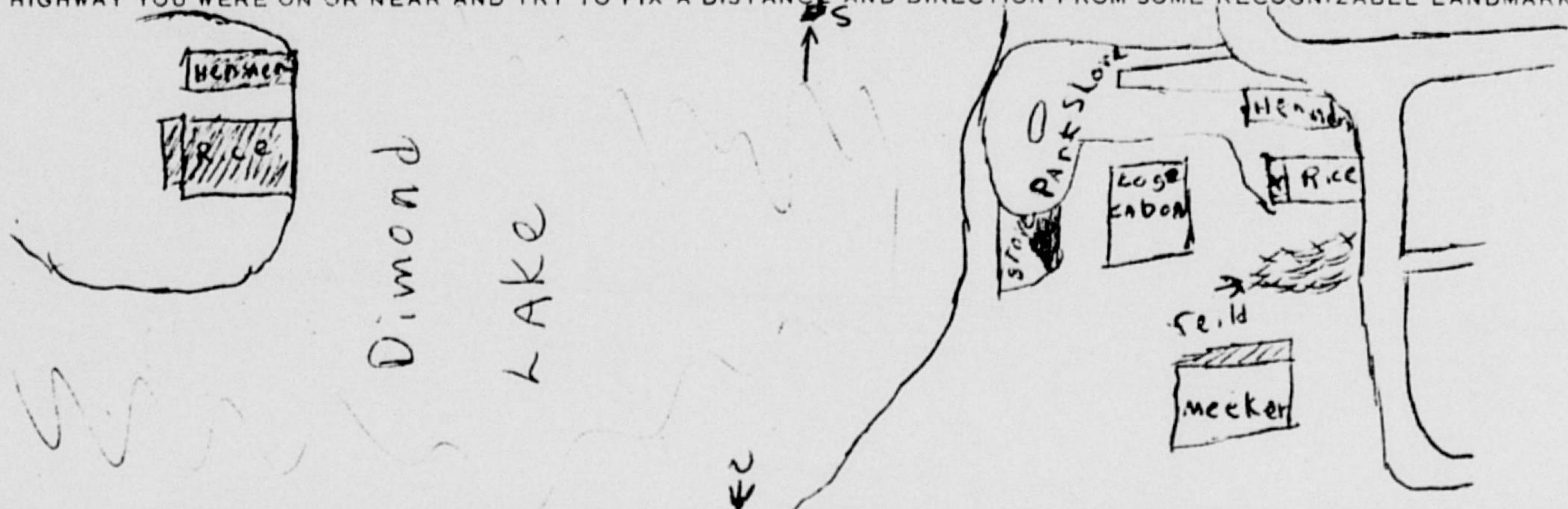
3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON?

HOUR 1800 MINUTES 49 ☐ A.M. ☒ P.M.

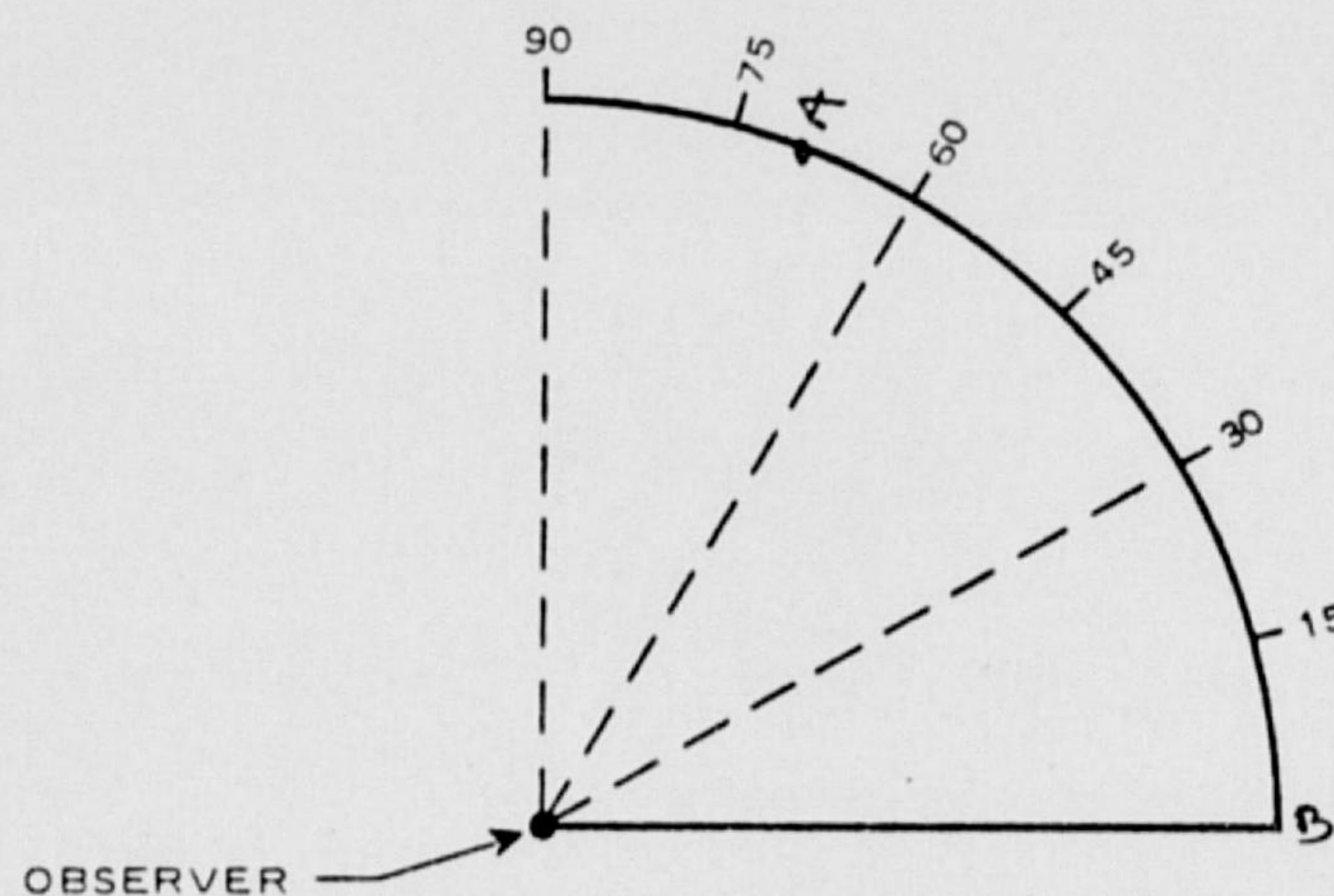
4. TIME ZONE

☒ EASTERN☐ CENTRAL☐ DAYLIGHT SAVINGS☐ MOUNTAIN☐ PACIFIC☐ STANDARD☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.



6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.



10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

11. CONDITIONS (Check appropriate blocks.)

A. SKY		B. WEATHER	
☐ DAY		☐ CUMULUS CLOUDS (Low fluffy)	☐ FOG OR MIST
☒ TWILIGHT		☐ CIRRUS CLOUDS (High fleecy or Herringbone)	☐ HEAVY RAIN
☐ NIGHT		☐ NIMBUS CLOUDS (Rain)	☐ LIGHT RAIN OR DRIZZLE
☒ CLEAR		☐ CUMULONIMBUS CLOUDS (Thunderstorms)	☐ HAIL
☐ PARTLY CLOUDY			☐ SNOW OR SLEET
☐ COMPLETELY OVERCAST			☐ UNKNOWN
		☐ HAZE OR SMOG	☐ NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS	(2) MOON
☐ NONE	☒ BRIGHT MOONLIGHT
☐ A FEW	☐ MOON WITH HALO
☒ MANY	☐ MOON HIDDEN BY CLOUDS
☐ UNKNOWN	☐ PARTIAL (New or quarter)

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☒ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

☐ IN FRONT OF YOU	☐ TO YOUR RIGHT	☐ OVERHEAD (Near noon)
☐ IN BACK OF YOU	☐ TO YOUR LEFT	☐ UNKNOWN

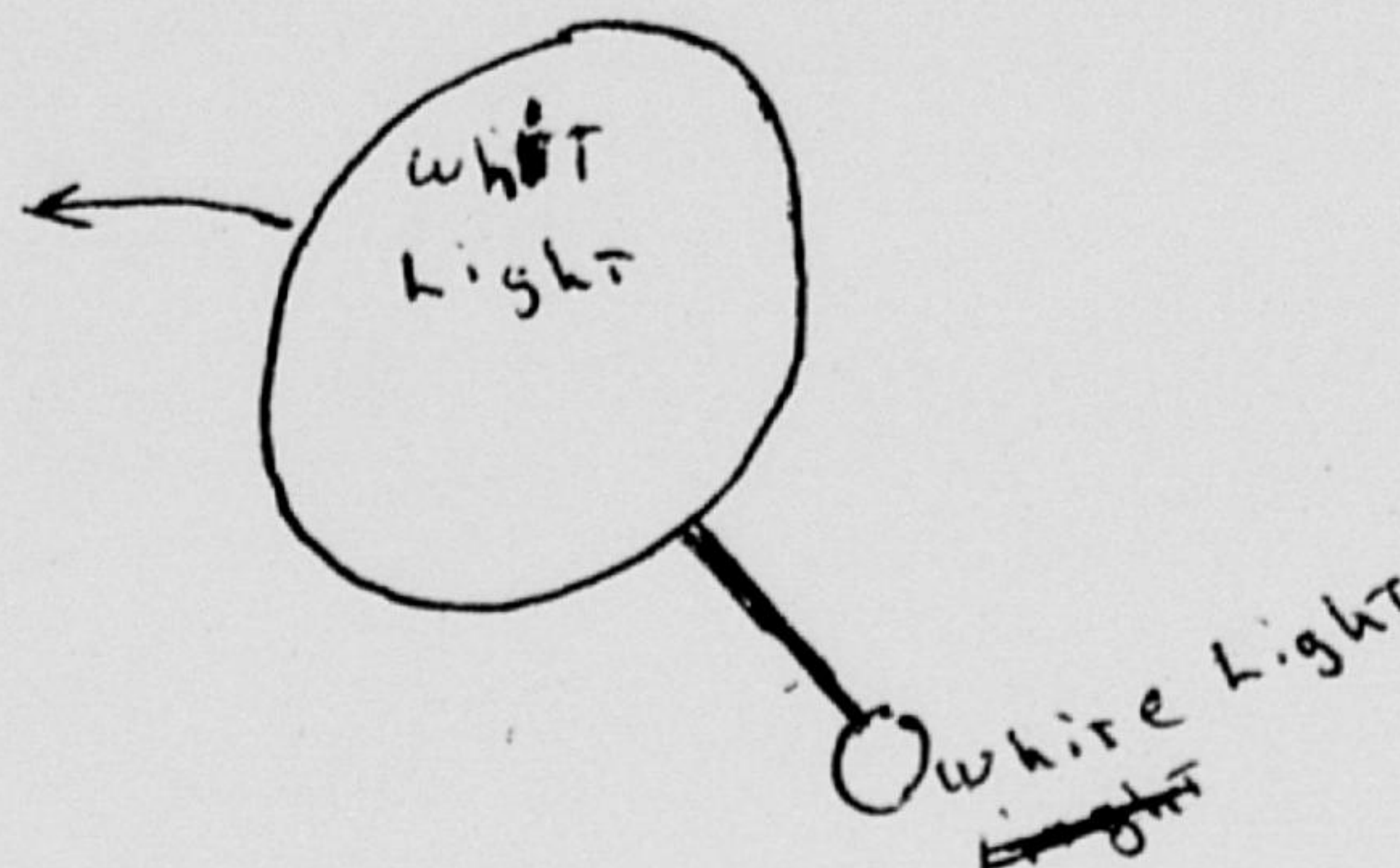
E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

The phenomenon came into view bright. It was self-luminous of white with a protruding object with a white light on it. It was rounded and sharp view. It looked like a low flying star.

8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? (Check appropriate blocks.)			
☐ OUTDOORS ☒ IN BUILDING ☐ IN CAR ☐ AS DRIVER ☐ AS PASSENGER ☐ IN BOAT ☐ IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER ☐ OTHER	☐ IN BUSINESS SECTION OF CITY ☒ IN RESIDENTIAL SECTION OF CITY ☐ IN OPEN COUNTRYSIDE ☐ NEAR AIRFIELD ☐ FLYING OVER CITY ☐ FLYING OVER OPEN COUNTRY ☐ OTHER		
A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:			
WHAT DIRECTION WERE YOU MOVING?		HOW FAST WERE YOU MOVING?	
☐ NORTH	☐ EAST	DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON? ☐ YES ☐ NO	
☐ SOUTH	☐ WEST		
☐ NORTHEAST	☐ SOUTHEAST		
☐ NORTHWEST	☐ SOUTHWEST		
EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.			
DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.			
HOW MUCH OTHER TRAFFIC WAS THERE?			
DID YOU NOTICE ANY AIRPLANES? ☐ YES ☐ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.			
9. HOW LONG WAS THE PHENOMENON IN SIGHT?			
LENGTH OF TIME		CERTAIN OF TIME	NOT VERY SURE
<i>about 14 min.</i>	☒	FAIRLY CERTAIN	JUST A GUESS
HOW WAS TIME DETERMINED?			
<i>by wrist watch</i>			
WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☒ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.			

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.



16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

the match would have covered the object.

13.	DID THE PHENOMENON	YES	NO	UNKNOWN
	MOVE IN A STRAIGHT LINE?		✓	
	STAND STILL AT ANYTIME?		✓	
	SUDDENLY SPEED UP AND RUN AWAY?	✓		
	BREAK UP IN PARTS AND EXPLODE?		✓	
	CHANGE COLOR?		✓	
	GIVE OFF SMOKE?		✓	
	CHANGE BRIGHTNESS?		✓	
	CHANGE SHAPE?		✓	
	FLASH OR FLICKER?		✓	
	DISAPPEAR AND REAPPEAR?		✓	
	SPIN LIKE A TOP?		✓	
	MAKE A NOISE?		✓	
	FLUTTER OR WOBBLE?		✓	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

A bright light moving ~~across~~ the sky.

A. HOW DID IT FINALLY DISAPPEAR?

It went below the horizon.

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?

☐ YES ☒ NO. IF "YES," DESCRIBE.

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☒ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☒ YES ☐ NO. IF "YES," DID THEY SEE IT TOO?
☒ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

Mrs. [REDACTED] (mother)

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME

ADDRESS (Street, City, State and Zip Code)

TELEPHONE (Area code and number)

AGE

☒ MALE

☐ FEMALE

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?

NAME Project Blue Book DAY 27 MONTH Nov YEAR 1968

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 8 MONTH Jan YEAR 1969

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.

EYEGLASSES	CAMERA VIEWER
SUNGLASSES	BINOCULARS
WINDSHIELD	☒ TELESCOPE 30x 40 mm
SIDE WINDOW OF VEHICLE	THEODOLITE
WINDOWPANE	OTHER

A. DO YOU ORDINARILY WEAR GLASSES? ☐ YES ☒ NO

B. DO YOU USE READING GLASSES? ☐ YES ☒ NO

18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED 250 to 270 mph

19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE 50 to 60 miles

20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.

garbage lid with a silver pipe on it turned to the side.

21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☒ NO. IF "YES," DESCRIBE.

A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☒ NO. IF "YES," DESCRIBE.

27. INFORMATION WHICH YOU FEEL IS PERTINENT BUT WHICH IS NOT ADEQUATELY COVERED IN THIS QUESTIONNAIRE, ALTERNATIVELY PROVIDE A NARRATIVE EXPLANATION OF THE SIGHTING.

I was walking home from my sister's when I sighted it. I came home and put my telescope on it and followed it to the end. I had to move my telescope to find the protrusion. It had a very irregular path.

27 Nov 68

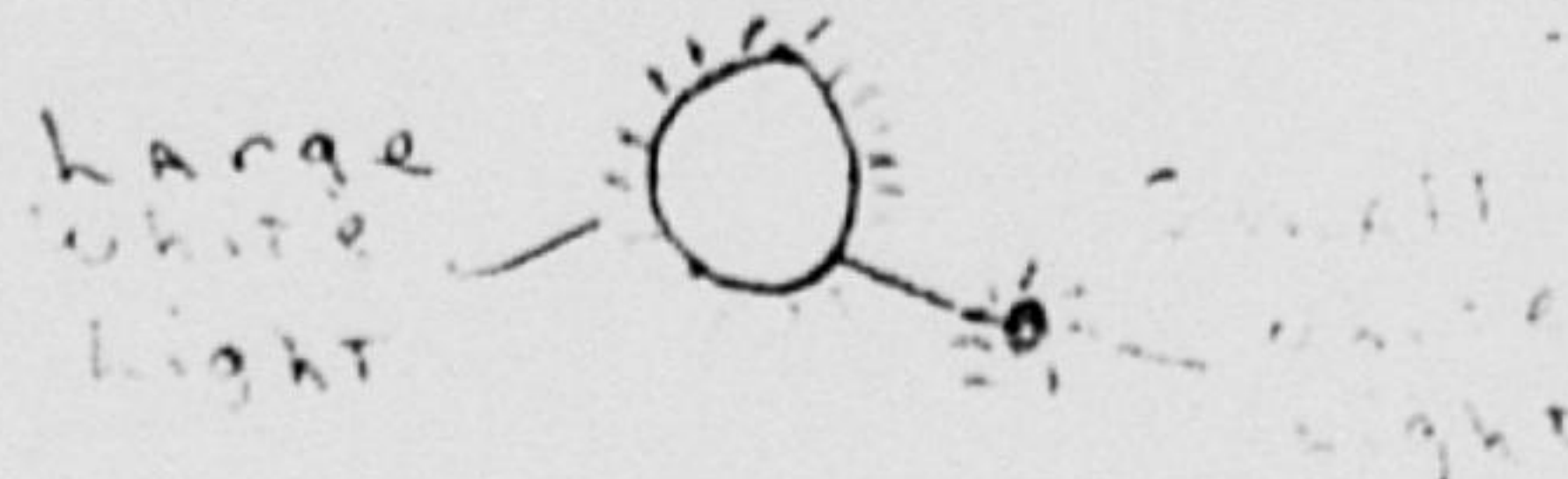
Sir;

On the night of Nov. 24, at approximately
6:45 p.m. E.S.T., I sighted a U.F.O. over Coopersville,
Wisconsin, Diamond Lake area.

Visibility

Clear. No clouds,
fog, etc.

Shape



Path

North East
Very irregular.

Speed

app. 200 to 215 m.p.h.

I sighted it with a 30x40 power
telescope.

Please send me a report on
this night. And also any other reports
on this type of U.F.O.

Yours truly

[Redacted signature]

[Redacted address line 1]

[Redacted address line 2]

[Redacted address line 3]