



11. (A) What were you doing at the time you saw the object?:

(B) How did you happen to notice it?

- a. Accidentally b. By sound, flash, or vibration c. While star or weather watching  
d. While photographing e. While UFO observation f. Urged to see it by other person

12. (A) How was the weather and degree of cloudiness?:

- a. Clear (0-1) b. Fine ( 2-3 / 4-6 / 7-8 ) c. Cloudy (9-10) d. A bit cloudy  
e. Rainy ( Drizzling / Normal / Heavy ) f. Snowy (Light / Normal ) g. Other

(B) If it was cloudy, what kind of clouds were there? If possible, please try to describe it.

(C) How was the shape of the clouds?:

(D) Which direction were the clouds in?:

(E) How was the speed of the clouds?: a. Slow b. Normal c. Fast

13. How was the clarity of the sky?:

- a. Very clear b. Clear c. Moderate or not very clear d. Not clear e. Foggy or hazy

14. Were there any natural phenomena at that time?:

- a. Halo, illusionary sun or parhelion b. Corona c. Cloudbow or glowing clouds d. Rainbow  
e. Lightning f. Thunder g. Tornado h. Earthquake i. Subterranean rumbling j. Eruption

15. (A) Did the wind blow then?: Yes or No

(B) If yes, how strong was it?:

- a. No wind or slight breeze b. The leaves rustles in the wind without a pause.  
c. Wind speed 8.0m- d. Wind speed 13.9m- d-1. Wind power: 0, 1, 2  
d-2. Wind power: 3, 4/The wind raises a dust. d-3. Wind power: 5, 6 d-4. Wind power: 7-

16. (A) What color was the object?:

(B) What color were the clouds around the object?:

17. How was the way to glow and the brightness of the object?:

(A) If it seemed to be glowing or emitting light itself, what was it like?

- a. A dark star or a small star. b. A bright fixed star. c. As bright as Jupiter or Venus.  
d. Brighter than Venus e. A bright and glaring star. f. A dimly white or nebula-like star.  
g. The center was glaring bright. h. Seemed thick-colored. i. Seemed like burning or flaming.  
j. Multiple lights were making a group. k. Other:

(B) If it seemed to be reflecting light, what was it like?

- a. Dull white or whitish. b. White or white cloud-like. c. Silver. d. Reflecting light intensely.  
e. Other:

(C) Was the object darker than the background of the sky?: Yes or No

(D) How bright was the object when compared with star magnitude?: A star \_\_\_\_\_ magnitude

Reference) A star 2 magnitude: Great Dipper, Polaris

A star 0 magnitude: Vega, the brightest star in the constellation of Lyra

A star -2 magnitude: Jupiter, A star -4 magnitude: Venus

18. (A) How large did the object or the objects appear?

- a. Such as a small bright spot. b. As large as a very bright star.
- c. Small but had area or shape. / Apparent diameter is about:
- d. Large enough to clearly recognize shape. / Apparent diameter is about:
- e. Very large / Apparent diameter is about:

If it was very large, how large did you think?:

e-1. At the tip of the stretched arm, it seems as large as \_\_\_\_\_.

e-2. It seems as large as \_\_\_\_\_ from \_\_\_\_\_m/ft away.

(B) If possible, please try to guess or estimate what the real size of the object was:

19. How were the edges of the object?:

- a. Clear light such as a bright star or an aircraft's light
- b. Blurred light like a bright star in thin clouds
- c. It had some area with a relatively blurred outlines.
- d. Very fuzzy or blurred outlines
- e. Sharply outlined such as an airplane, a bird, or a lenticular cloud.
- f. Other:

20. Did the object change its way to shine at any time?:

- a. Not changed. b. The light was amplified. c. The light was reduced.
- d. It was blinking. (Irregularly / Regularly \_\_\_\_\_ times per second)
- e. It was flashing. (Irregularly / Regularly \_\_\_\_\_ times per second)
- f. Other:

21. Special features of its way to fly:

(A) It was flying \_\_\_\_\_.

- a. Just straight b. With a slow curve c. With a large radius or a circle
- d. With a zigzag movement e. With an acute angle f. Moving intensely in the same place
- g. Showing up at a different place each time it appeared
- h. Roaming around in almost the same place
- i. Appearing to stand still but moving a little with the passage of time

(B) It was hovering \_\_\_\_\_.

- a. With a pendular movement b. With vibration or a flapping-like movement
- c. With flickering, throbbing or pulsating d. With spinning round or rotating

(C) It was turning (horizontally/upward).

(D) It was descending (like a falling leaf /other: \_\_\_\_\_).

(E) It was falling (straight/obliquely).

(F) It was soaring (perpendicularly/obliquely/spirally/other: \_\_\_\_\_).

22. How about the speed of the object?:

(A) Apparent speed of the object;

- a. Didn't move.
- b. Very slow or cannot distinguish whether it was moving or not.
- c. About the same speed as a slow satellite.
- d. About the same speed as a slowly moving cloud.
- e. About the same speed as a cloud moving fast at a low altitude.
- f. About the same speed as an airplane flying at a high altitude.
- g. About the same speed as an airplane flying low or a flying jet plane at a high altitude.
- h. About the same speed as a slow bolide./Not easy to follow the object with the eyes.
- i. About the same speed as a shooting star with normal speed or fast speed.

(B) Angular velocity: It was moving or flying approximately \_\_\_\_\_° per hour/minute/second.

(C) Estimated actual speed is approximately \_\_\_\_\_ km/h or mi/h

(D) Speed changes:

- a. Fixed   b. variable   c. Temporarily stopped
- d. Repeatedly stopped and moved. / Repeated moving slowly or moving fast.

23. How many objects were there in total?:

If there were MORE THAN ONE objects, how were they lined up, how was the shape of the formation, and how did the number of the objects change?:

24. How did the object or objects disappear from view?:

- a. Flew so far away (horizontally).
- b. Moved behind something such as a building, a tree, a nearby mountain, or a hill.
- c. Moved behind clouds.  
If possible, try to guess what kind of clouds they were:
- d. Soared into the sky, the night sky, or the clouds.
- e. Suddenly disappeared though it should be in the visible distance.
- f. Moved into the clouds and stayed there, or didn't come out of the clouds.
- g. Continued flashing.   h. Seemed to break up into parts.
- i. Just like exploding.   j. The light was reduced like a shooting star.
- k. Stopped watching the object.   l. Changed the place by myself.
- m. Other:

25. How high do you guess was the object?:

- a. Estimated height is \_\_\_\_\_ m/ft from the ground.
- b. Don't know.

c. Below/Above/In the clouds.

If so, guess what kind of clouds?:

d. Very high altitude. e. Relatively low altitude. f. Very low altitude.

26. Were there any trails or tracks behind the object?:

a. None.

b. Yes. The object left a trail of light behind it.

Length: \_\_\_\_\_ as long as the main body / Angle: \_\_\_\_\_ ° / Color:

c. The object was making a trail behind it.

27. Did you hear any sound?:

(A) Didn't hear any sound.

a. It was quiet around there. b. It was a little bit noisy around there.

c. It was noisy around there.

(B) Heard the object making a sound.

28. Were there any influence from electromagnetic things?:

If there happened something unusual, please write what happened then:

29. The observation data by the nearest meteorological observatory around the sighting location:

(A) Name of the meteorological observatory:

(B) As of \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (date), \_\_\_\_\_ : \_\_\_\_\_ am/pm, its data is below:

Weather:

Cloud:

Range of visibility (Horizontal direction): \_\_\_\_\_ km or mi

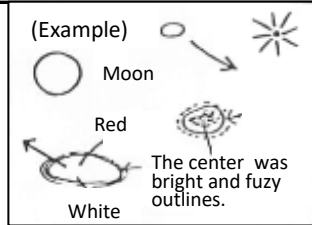
Natural phenomena:

Average wind speed: \_\_\_\_\_ m/s or mi/s

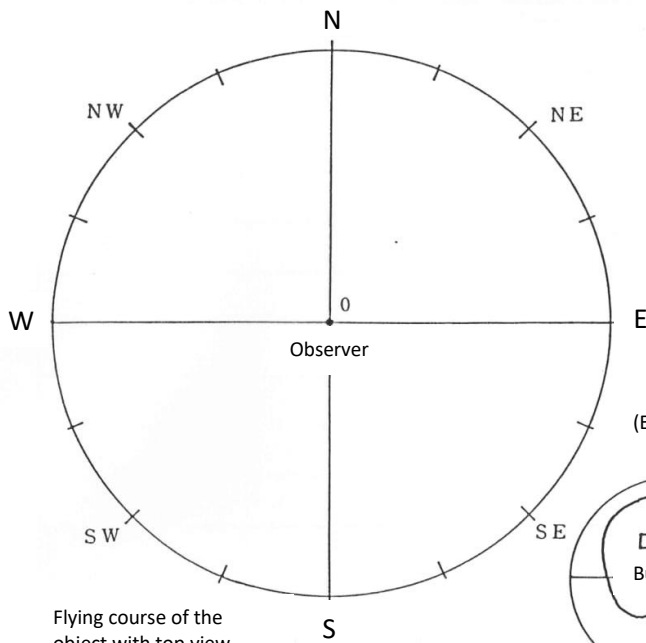
Wind direction:

Wind power:

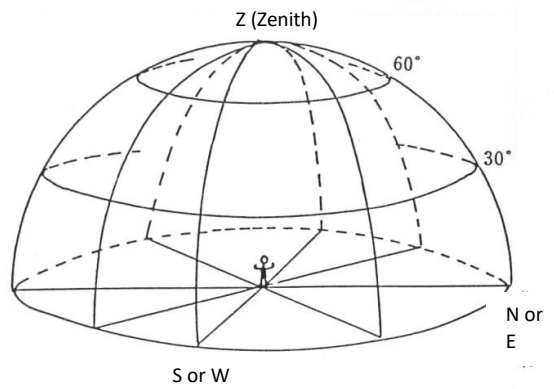
Draw a colorful picture as possible as can that will show the shape, color, the object or objects as an compared with the sun If you saw it/them through binoculars, the magnifications of it.



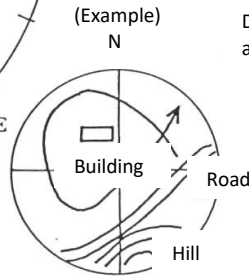
Draw a picture that will show the motion that the object or objects made, and show any changes in direction during the course. If there was more than one object, draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.



Flying course of the object with top view

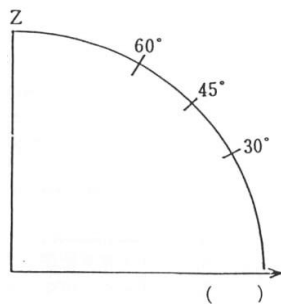


Draw the object's flying course sterically and put the directions.

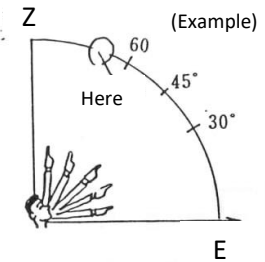
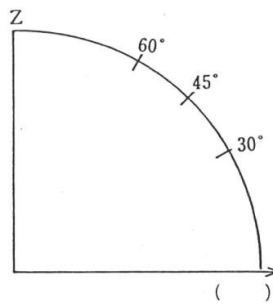


⇒ Place a mark to show the elevation angle and the direction when you FIRST saw the object.

[The way of measuring the elevation angle]  
 a. Eye-estimation  
 b. Simple measuring instrument  
 c. Theodolite



⇒ Place a mark to show the elevation angle and the direction when you LAST saw the object.



Please draw a picture below as if a photo that showed the witness scene was taken, and if possible, include the surrounding scenery, and also the sun, the moon, and the stars as needed.



Direction you are facing in this picture is ( ).



(A) Observer's eyesight:

(Left) a. Normal b. Nearsighted eyes c. Astigmatism d. Other:

Vision: \_\_\_\_ / \_\_\_\_ vision (With eyeglasses / No eyeglasses)

(Right) a. Normal b. Nearsighted eyes c. Astigmatism d. Other:

Vision: \_\_\_\_ / \_\_\_\_ vision (With eyeglasses / No eyeglasses)

(B) Are you familiar with aviation?: Yes / No

(C) Have you ever made meteorological or astronomical observations?: Yes / No

(D) Have you ever seen the things below?:

a. UFO b. Comet c. Shooting star d. Satellite e. Venus f. Observation balloon

(E) In what way did you observe the object?:

a. With the naked eye, or through eyeglasses or sun glasses.

b. Through binoculars: Magnification (      ×      )

c. Through a telescope:

d. With a camera or a video

e. With a smartphone camera

f. Other:

(F) Photographing data:

• Name of the camera:

• Focal length:

• Brightness:

• How many pictures did you take at that time, and of those pictures, how many were successfully taken?:

• Did you use the following accessories?:

a. Filter b. Release c. Tripod d. Telescope with eye direction guide e. other

• Other data of the photographing:

※Staff member's memo:

※No.

※Date of investigation:

※Staff member's name:

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※Quality of the data:

a. Very good b. Good c. Ordinary - Moderately inaccutate d. Not good

e. Suspected to be misjudgement



## © Additional Questions for Aviation Workers ©

Below are questions for pilots or ATCs. Please answer the questions as possible as you can, and place a check mark in the checkboxes.

■ What is your name and occupation or job?

Name:	<input type="checkbox"/> Captain <input type="checkbox"/> Co-pilot <input type="checkbox"/> Air Traffic Controller <input type="checkbox"/> Other
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■ Where do you belong?

<input type="checkbox"/> Air Force <input type="checkbox"/> Navy <input type="checkbox"/> Army <input type="checkbox"/> Marines <input type="checkbox"/> Public Institution (Control Tower)
<input type="checkbox"/> Civil Aviation Company <input type="checkbox"/> Private

■ What is your company's name? (Troop / Airline Company / Control Tower)

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■ If you belong to the military, what is your military grade and primary mission?

Grade:	Mission:
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■ How long is your total flight hours?

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■ Did you see the object(s) with other cockpit crews or cabin crews? If yes, please write their names and ages other than the captain.

Name:	Age:		

■ How many passengers were boarding the flight?

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■ What were the aircraft model and the flight number?

Model:	No.
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■ Where were the places of departure and destination?

Departure (Military Base, Airport, Warship):
Via:
Destination (Military Base, Airport, Warship):

■ What time were the flight's departure/takeoff and arrival/landing?

Departure/Takeoff:            :	<input type="checkbox"/> am <input type="checkbox"/> pm	Arrival/Landing:            :	<input type="checkbox"/> am <input type="checkbox"/> pm
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■ Which direction was the plane heading for when you found the object(s)?

An azimuthal angle of :
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■ Which direction did you see the object(s)?

An azimuthal angle of :
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■ What were the longitude and the latitude of the plane when you found the object(s)?

LON.	LAT.
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■ What was the detailed name of the ground or the sea area when you found the object(s)?

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■ What were the groundspeed and the altitude of the plane when you found the object(s)?

<input type="checkbox"/> mph <input type="checkbox"/> knot <input type="checkbox"/> km/h	<input type="checkbox"/> feet <input type="checkbox"/> mile
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■ What were the (moving) speed and the altitude of the object(s)?

<input type="checkbox"/> mph <input type="checkbox"/> knot <input type="checkbox"/> km/h	<input type="checkbox"/> feet <input type="checkbox"/> mile
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■ How far was it between the plane and the object(s) when you found it/them?

<input type="checkbox"/> feet <input type="checkbox"/> mile
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■ Which flight rules was it?

<input type="checkbox"/> VFR	<input type="checkbox"/> IFR
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■ Did you notice any effect on the airplane?

<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Pitching	<input type="checkbox"/> Rolling	<input type="checkbox"/> Blackout
<input type="checkbox"/> Other ( )			

■ Did you notice any instrument malfunctions in the cockpit?

<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Single	<input type="checkbox"/> Multiple
Name of the instrument:		
<input type="checkbox"/> Other ( )		

■ Did you feel any effect on your body?

<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please describe in detail:

■ Was there any communication with other plane's pilots, air traffic controllers, or the radio of your company while you were seeing the object(s)?

<input type="checkbox"/> Yes	<input type="checkbox"/> No
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If yes, please answer the questions below.

With who:			
<input type="checkbox"/> VHF	<input type="checkbox"/> UHF	MHz	Time: : <input type="checkbox"/> am <input type="checkbox"/> pm - : <input type="checkbox"/> am <input type="checkbox"/> pm
With who:			
<input type="checkbox"/> VHF	<input type="checkbox"/> UHF	MHz	Time: : <input type="checkbox"/> am <input type="checkbox"/> pm - : <input type="checkbox"/> am <input type="checkbox"/> pm

■ Who did you communicate with?

Name:
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■ Where did he/she belong?

<input type="checkbox"/> Air Force	<input type="checkbox"/> Navy	<input type="checkbox"/> Army	<input type="checkbox"/> Marines	<input type="checkbox"/> Civil Aviation Company	<input type="checkbox"/> Private
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■ What is his/her company's name, troop name, or division?

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