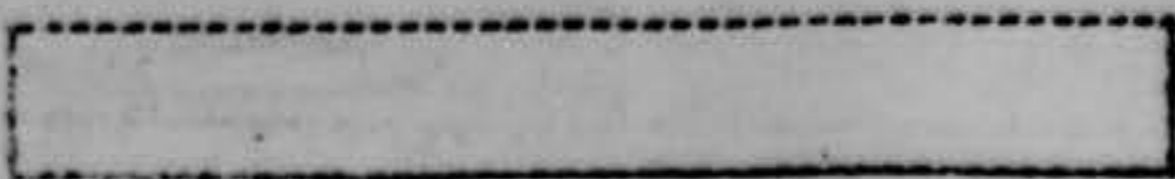


PROJECT 10073 RECORD CARD

1. DATE 4 Feb 54	2. LOCATION Carswell AFB, Texas		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT <u>04/2329Z (N)</u>	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input checked="" type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		<input checked="" type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Mil		<input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical
7. LENGTH OF OBSERVATION - - - - -	8. NUMBER OF OBJECTS one	9. COURSE - - -	<input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
10. BRIEF SUMMARY OF SIGHTING Larger than B-36 No trail or means of propulsion. Dark grey. No sound. Long fuselage (See Case File)			11. COMMENTS Object was definitely aircraft.



8. HAVE YOU HEARD OF ANYONE NOT AT THE RADAR STATION MAKING A VISUAL SIGHTING AT APPROXIMATELY THE SAME TIME THE RADAR CONTACT WAS MADE? YES NO
 IF SO, GIVE NAME AND ADDRESS.

9. RADAR SCOPE PHOTOS:

- IS RADAR EQUIPPED WITH A SCOPE CAMERA? ----- YES NO
 WAS CAMERA OPERATIONAL? ----- YES NO
 WERE SCOPE PHOTOS TAKEN? ----- YES NO
 WERE PRINTS OF THE SCOPE PHOTOS FORWARDED TO THE AIR TECHNICAL INTELLIGENCE CENTER? ----- YES NO

10. TRACK DATA:

- WHAT WAS THE NUMBER OF THE TRACK? _____
 WAS A PERMANENT PLOT MADE OF THE TRACK AT THE TIME OF THE OBSERVATION? YES NO

11. WERE AIRCRAFT SCRAMBLED TO INTERCEPT THE TARGET? YES NO
 IF SO, WERE THE AIRCRAFT BEING OBSERVED ON THE SCOPE AT THE SAME TIME AS THE TARGET? YES NO

12. WERE ANY NEARBY RADAR INSTALLATIONS QUERIED WHETHER THEY HAD OBSERVED THE SAME TARGET OR TRACK? YES NO
 IF SO, WHICH STATIONS? CARSWELL WEATHER CALLED AND SAID HE HAD AN OBJECT SIGHTED AT APPROX SAME TIME AND LOCATION

13. WAS THE TARGET OBSERVED ON SEARCH RADAR? YES NO
 IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT? AN/CPN-4

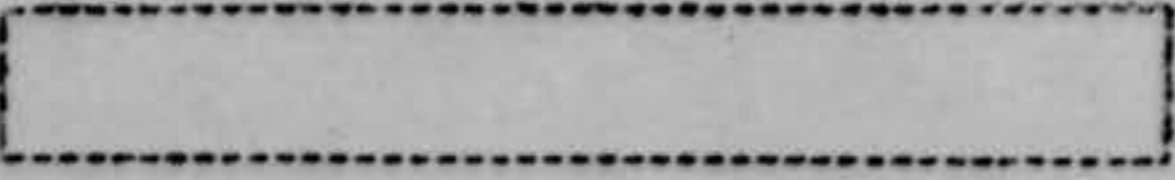
14. WAS THE TARGET OBSERVED ON HEIGHT FINDING RADAR? YES NO
 IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT? _____

15. HAVE THERE BEEN ANY RECENT MAINTENANCE DIFFICULTIES? YES NO
 IF SO, DESCRIBE. _____

16. WHAT TYPE MODULATOR (I.E., SPARK GAP, HARD TUBE, ETC.) IS USED IN THE RADAR EQUIPMENT?

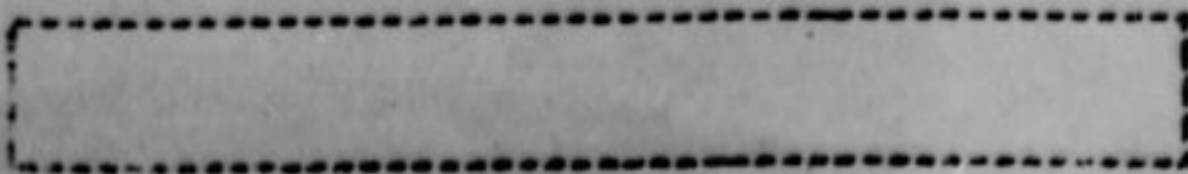
17. WAS THE AFC (AUTOMATIC FREQUENCY CONTROL) CIRCUIT OPERATING PROPERLY? YES NO
 COMMENTS: _____

18. HAS INTERFERENCE FROM ANOTHER RADAR SET BEEN OBSERVED RECENTLY? YES NO
 COMMENTS: Other sets in vicinity give a searching light through scope once in awhile, Not on this particular night

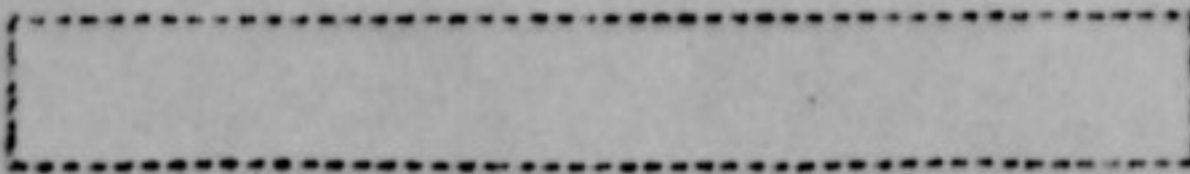
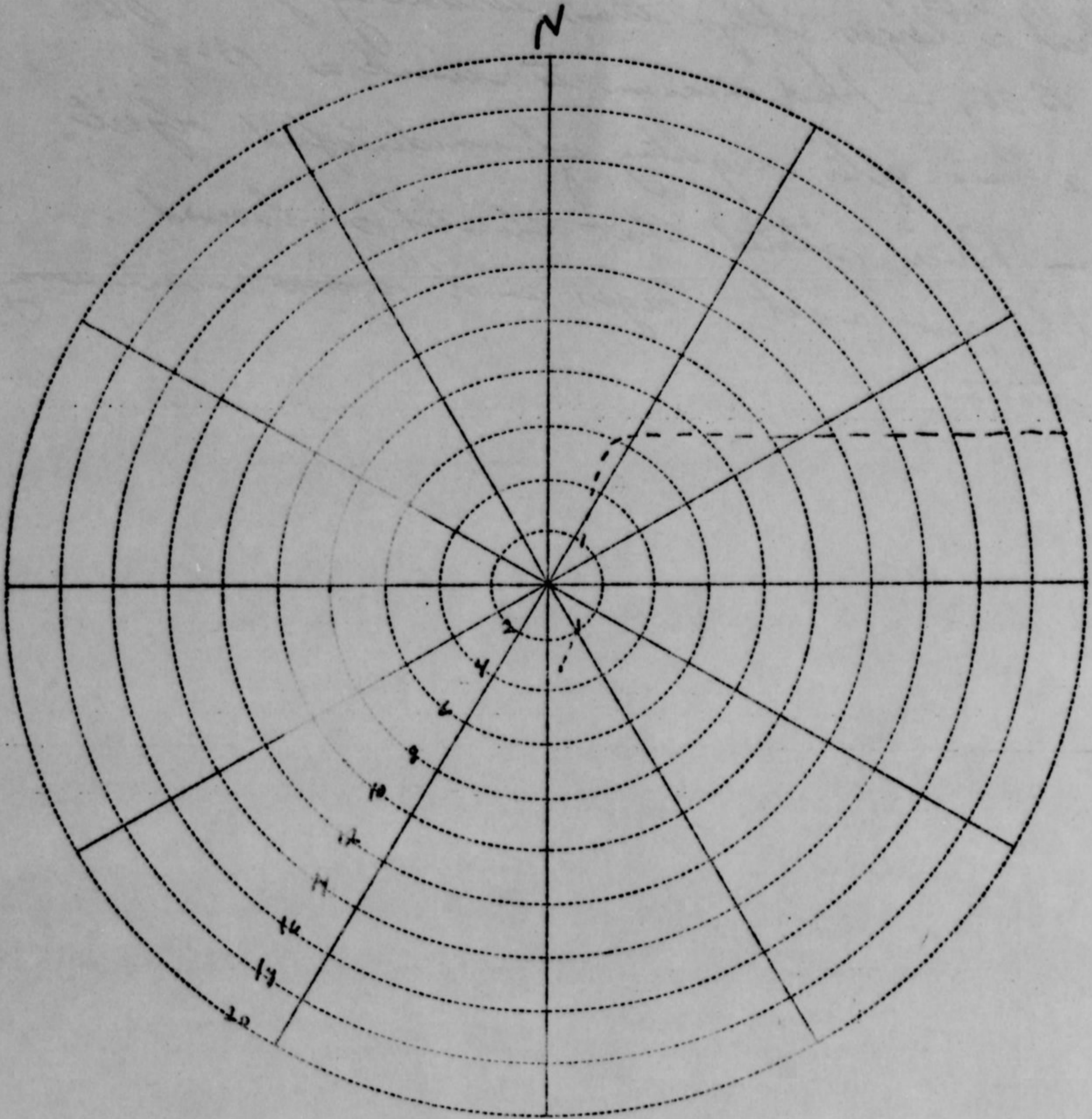


T/Sgt. [redacted] + A/IC [redacted]

Watched target on scope for 15 to 20 minutes
It had a ^{trifly} larger blip than usually given off
from B-36. = Had occasion to work a B-36
about 2 hours after sighting of unidentified object.
Aurora Price stated that the blip observed
seemed to grow a bit larger as it ~~was~~ went away
from station.



30. IF SCOPE PHOTOS ARE NOT AVAILABLE, PLOT THE TARGET TRACK AS ACCURATELY AS POSSIBLE. GIVE THE TIME AND ALTITUDE (IF MEASURED) FOR EACH POINT PLOTTED. PUT THE NECESSARY RANGE SCALE ON THE DIAGRAM.



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?

7 Day Feb Month 1954 Year

2. Time of day:

11⁰⁰ 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?

Carroll AFB Nearest Post or Address Fort Worth City or Town Texas State or Country

Additional remarks: 1981-3 AAC3

5. Estimate how long you saw the object.

_____ Hours 15 min Minutes _____ Seconds

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

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

6. What was the condition of the sky?

(Circle One): a. Bright daylight d. Just a trace of daylight
 b. Dull daylight e. No trace of daylight
 c. Bright twilight 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 d. To your left
 b. In back of you e. Overhead
 c. To your right f. Don't remember

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 *very*
 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

NA

11. Did the object:

(Circle One for each question)

- | | | | |
|---|-----|-------------------------------------|------------|
| a. Appear to stand still at any time? | Yes | <input checked="" type="radio"/> No | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes | <input checked="" type="radio"/> 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. Flicker, throb, or pulsate? | Yes | <input checked="" type="radio"/> 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: _____

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?

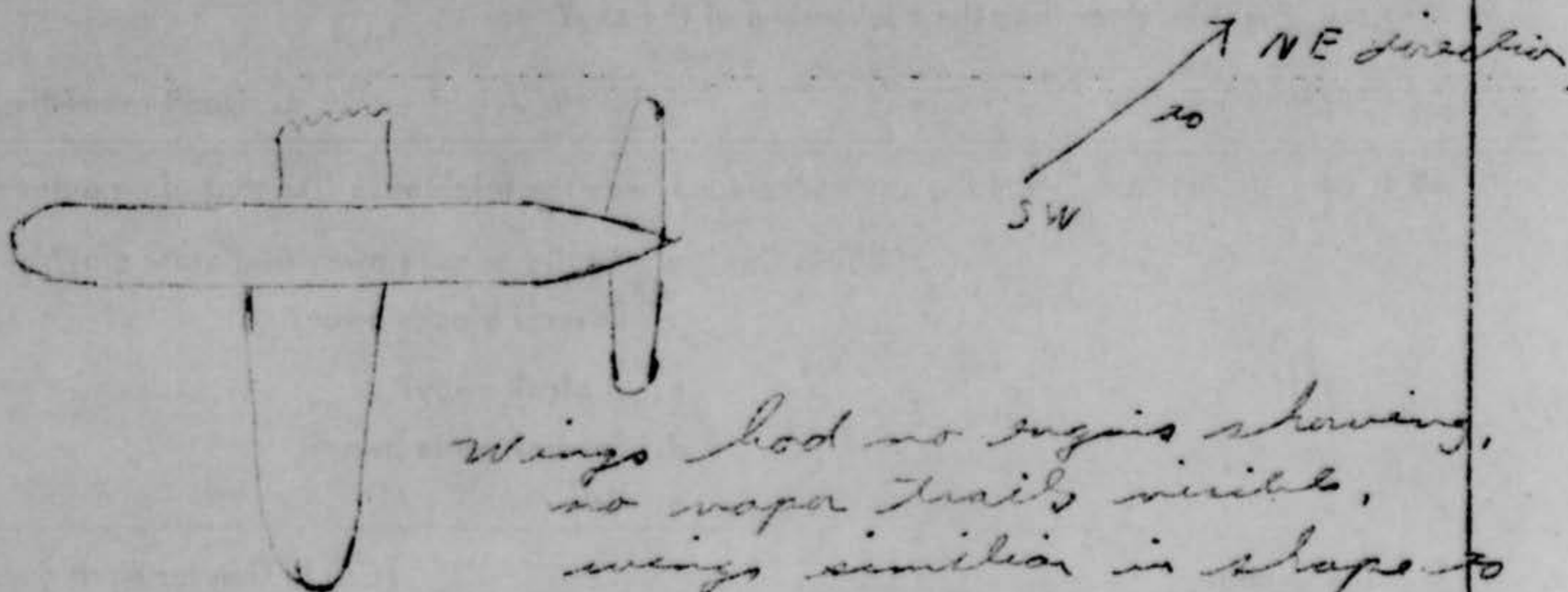
- | | | | | | |
|-----------------|-----|-------------------------------------|----------------|-----|-------------------------------------|
| a. Eyeglasses | Yes | <input checked="" type="radio"/> No | e. Binoculars | Yes | <input checked="" type="radio"/> No |
| b. Sun glasses | Yes | <input checked="" 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 _____ | | |

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

a. Sound no sound at all

b. Color silver, illuminated possible from field lights

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.



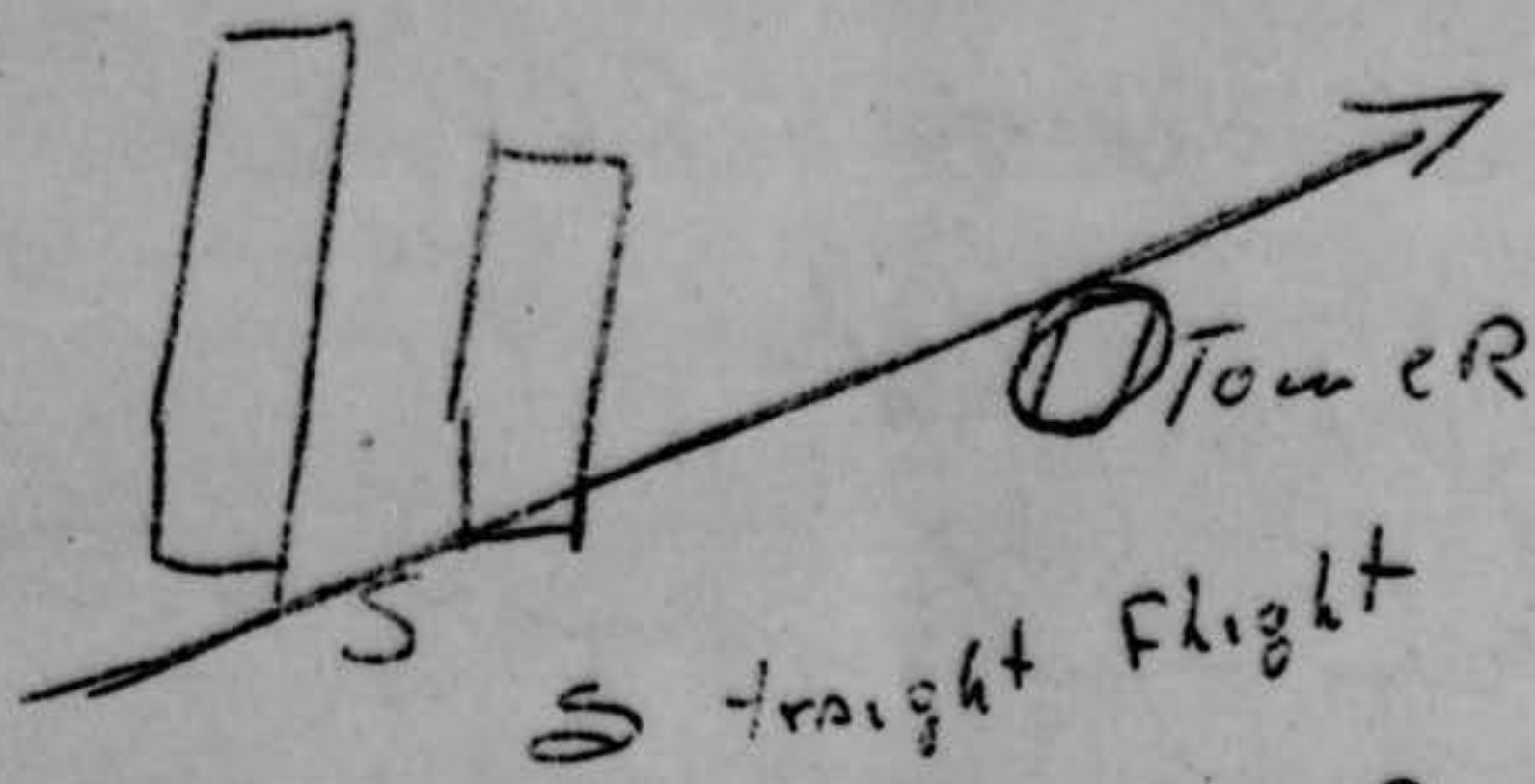
wings had no engines showing,
no vapor trails visible,
wings similar in shape to
a over size C-54 wing,
fuselage very similar to a B-36
from the bottom.

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.



Flight of UFOB

9. The object was noted to have a straight wing and a long fuselage. Engine was B-36 Type.
10. A amber light was noted at the center of fuselage. ^{this light blanked on & off steady.} No other lights were noted until Sgt ~~proceeded~~ ^{proceeded} to tower where through binoc. he saw a clear white light. He stated light def. was not on the tail.

~~11. 11~~

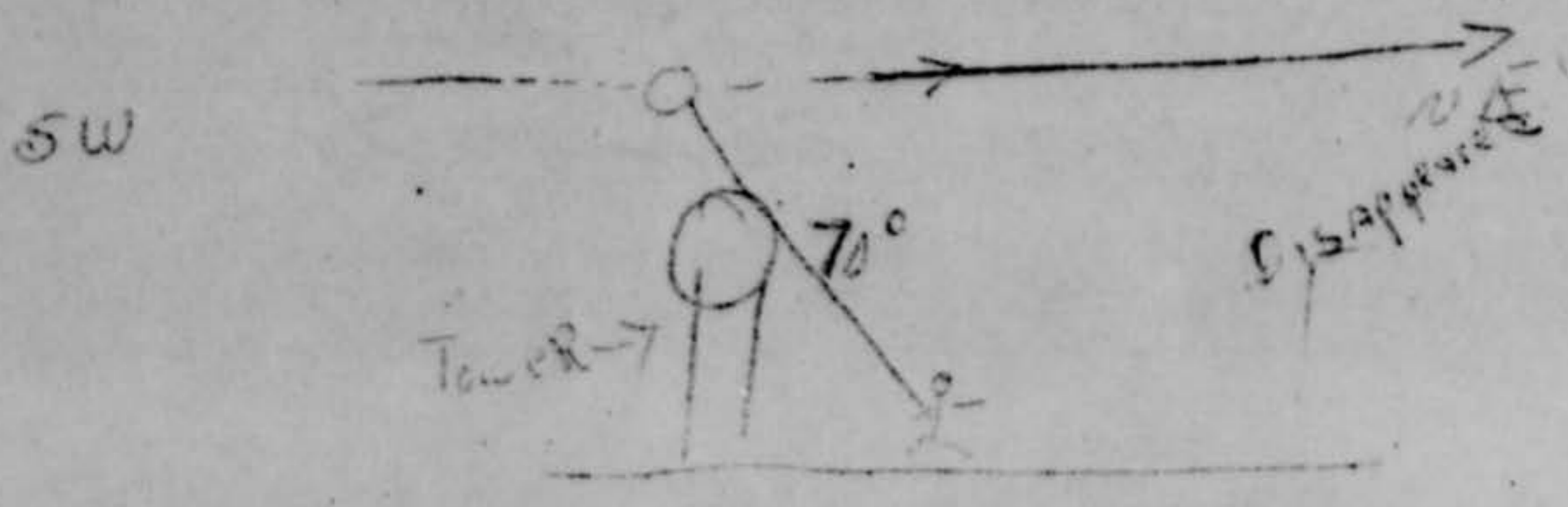
11. No Engines of any kind or Propellers were noted on object.

12. Gunman did not note any other noises on base at the time.


T/Sgt ~~XXXXXXXXXX~~



1. Object Traveling at approx 200.
 2. Approx 3000 to 4000 feet
 3. appeared to be gray object against the black sky
 4. night was clear and visibility very good.
 5. Object was def. larger than B36
 6. Sgt stated possibility was UFOB did not make any type of noise.
 7. A steady speed was ~~not~~ maintained all the time object was in flight.
 8. A Sgt Riddle was on his way to the tower and approximately 100 ~~ft~~ ^{ft} ~~to~~ ^{to left of tower} when UFOB was sighted.
- Sgt Riddle gave the following diagram



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.

A  B
*the craft flew a straight
 across Carswell from SW to NE.*

21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension.

225 feet approx

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?

(Circle One):

- | | |
|------------------|--|
| a. Head of a pin | g. Silver dollar |
| b. Pea | h. Baseball |
| c. Dime | i. Grapefruit |
| d. Nickel | <input checked="" type="radio"/> 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 |
| <input checked="" type="radio"/> b. Fairly certain | d. Uncertain |

23. How did the object or objects disappear from view? *after crossing field disappears
 in its dark, only its lights if it could be seen.*

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.

*material resembled a reflective surface of
 a very dirty mirror, as a dirty piece of al.
 would give off: size approx. between a B-47*

B-36

although a/c do ~~sum~~ up during night,

12. Contact was attempted by tower but none could be made.

13. Annan stated there were four men on tower when he ~~arrived~~ there.

14 Sgt Redell has been in At 5 1/2 yrs.

~~to see him~~
~~to see him~~

He has worked in tower approx. five (5) years

15. Annan sighted object for approx 45 sec. before proceeding to top of tower.

normally a/c on Cross country will contact tower when coming across field.

INVESTIGATION OF UNIDENTIFIED FLYING OBJECT REPORTS

Two reports of unidentified flying object sightings, made on the night of 4 Feb 54, were received by ATIC from the 19th Air Division, Carswell Air Force Base, Texas. These appeared to be significant in that the reporting officer and the observers were experienced and reliable personnel and the reported actions of the objects were unusual. This was also reported as possibly being a simultaneous visual and radar sighting.

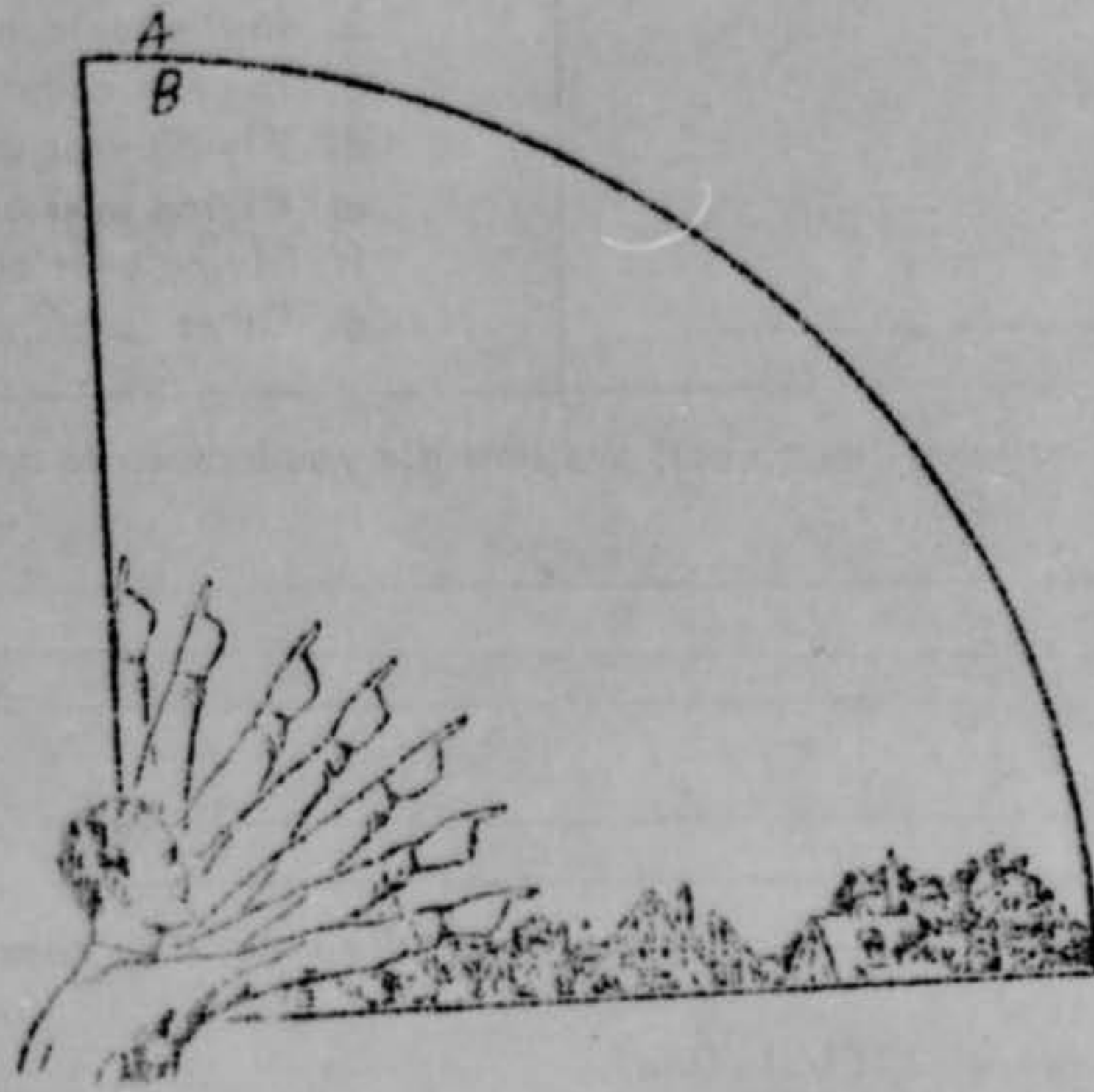
The first object was reported as being the shape of an aircraft, dark grey, as large or larger than a B-36, having a long fuselage, elliptical wings and stabilizer. All descriptions fit that of an aircraft except that it was reported as having no visible means of propulsion or exhaust, nor did the object leave any trail. The most predominant phenomena was that the object emitted no sound.

This object was first detected by the Carswell GCA radar at 2300 at a distance of 13 to 15 miles to the SW and heading directly toward the base. It remained on a straight course and the GCA operator notified the control tower and the officer of the day. The control tower personnel sighted the object at 2301 and kept it under observation for five minutes until 2306 when it passed out of sight to the NW. The object was estimated to be traveling at an altitude of between 3000 to 4000 feet. A straight course was maintained throughout both the visual and radar sightings.

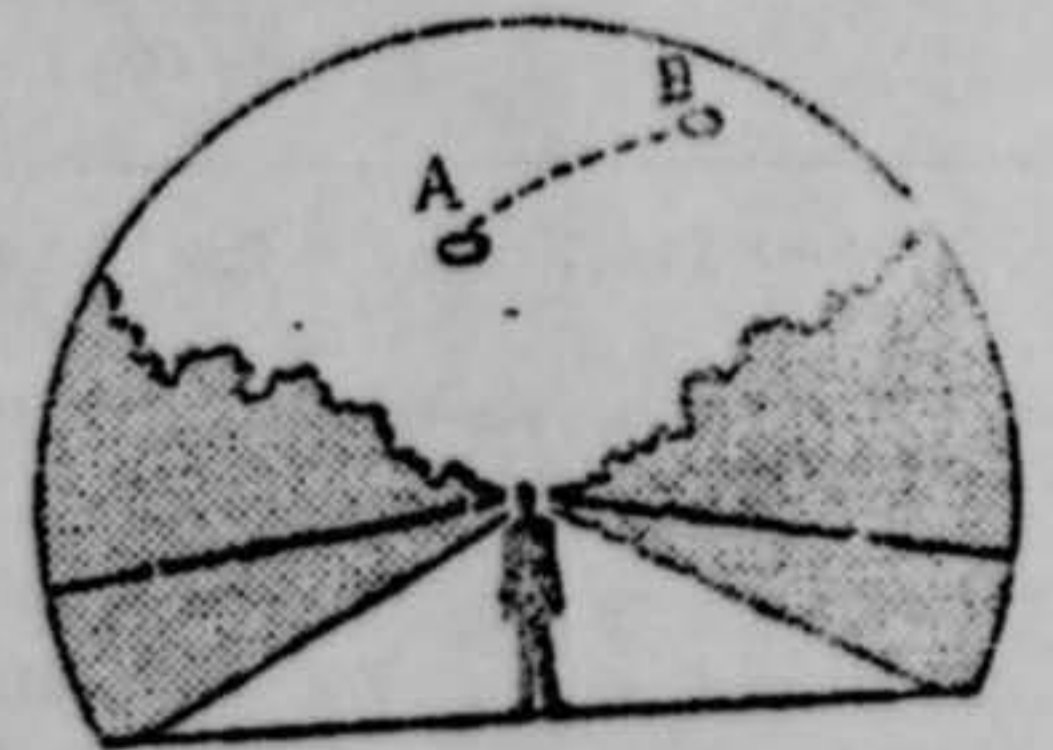
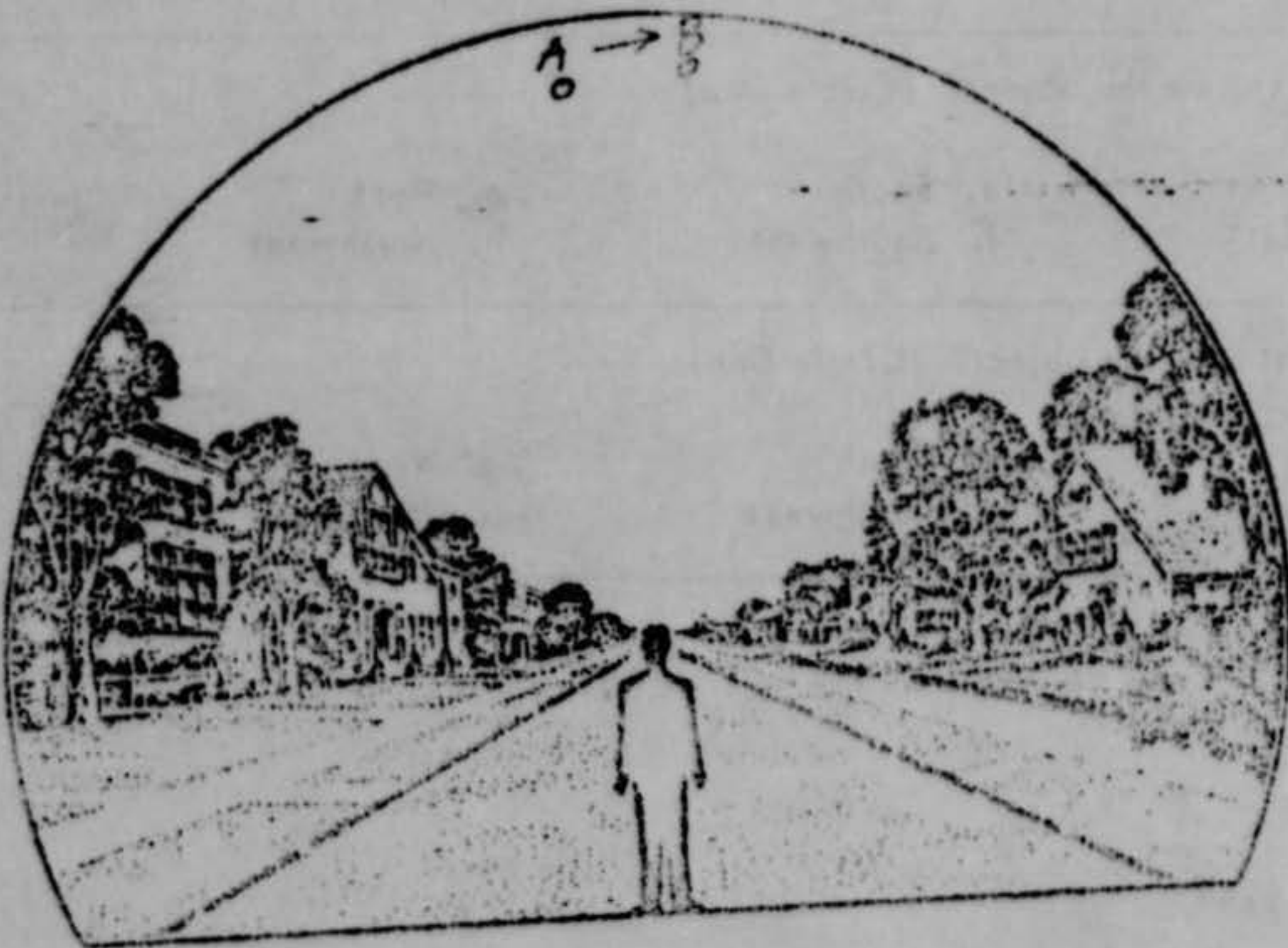
This same report and a subsequent report contained information on a further radar sighting which occurred on the same night some 20 minutes after the original visual and radar sighting. It appeared that the proximity of time might link the two sightings.

The second incident concerning radar only was picked up by the Carswell AFB GCA at 2329 on the night of 4 Feb 54. The return on the scope indicated two

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.



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 _____

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 an air field

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

working in the Tower at a small Base ops called
such as to look out & see if we could see a plane
200. said it was coming in from SW.

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 |
| <input checked="" type="radio"/> 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 | <input checked="" type="radio"/> f. Southwest | h. Northwest |

30. What direction were you looking when you last saw the object? (Circle One)

- | | | | |
|---|--------------|--------------|--------------|
| a. North | c. East | e. South | g. West |
| <input checked="" type="radio"/> b. Northeast | d. Southeast | f. Southwest | 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).

31.1 When it first appeared:

- a. From true North 200° approx degrees.
b. From horizon 30° degrees.

31.2 When it disappeared:

- a. From true North 232° 045 degrees.
b. From horizon 30° degrees.

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? from 225 - 250 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? approx 400 feet.
confirmed by Lt. C. C.

41. Please give the following information about yourself:

NAME [redacted] [redacted] [redacted]
Last Name First Name Middle Name

ADDRESS [redacted] Casswell AFB, Fort Worth, Texas
Street City Zone State

TELEPHONE NUMBER [redacted]

What is your present job? Control Tower operator at Casswell AFB

Age 25 Sex M

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 _____

42. Date you completed this questionnaire:

10 Feb. 1954
Day Month Year

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
 d. Thick or heavy clouds
 e. Don't remember

34.2 WIND (Circle One)

- a. No wind
 b. Slight breeze
 c. Strong wind
 d. Don't remember

34.3 WEATHER (Circle One)

- a. Dry
 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
 e. Don't remember

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

4 Feb 1954
 Day Month Year

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:

statement submitted herewith

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?

very similar to a B-36, in size & speed, yet no engine noise, I think it was a plane, possibly with its engines in retracted position.

A/1c Cl

Stated was not like any aircraft he had
ever seen before. Similar to a larger C-54 and
3-36. - Had navigational lights (conventional,
flashing) - No noise whatsoever, no change
in altitude at any time while observing. No
engines visible on any part of aircraft. - Contact
was tried by radio ^{UHF} (A, C, D, E) and ^{VHF} (1)

Seemed to observe very much like an
aircraft, without sound.

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:

SIGN [REDACTED]

DATE 7 10 20 1954

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?

4 FEB 54
Day Month Year

2. Time of day:

11 00
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?

1921-3 AACG DETACHMENT FORT WORTH TEXAS
Nearest Postal Address City or Town State or Country

Additional remarks: _____

5. Estimate how long you saw the object.

_____ _____ 45
Hours Minutes Seconds

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

a. Certain
 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

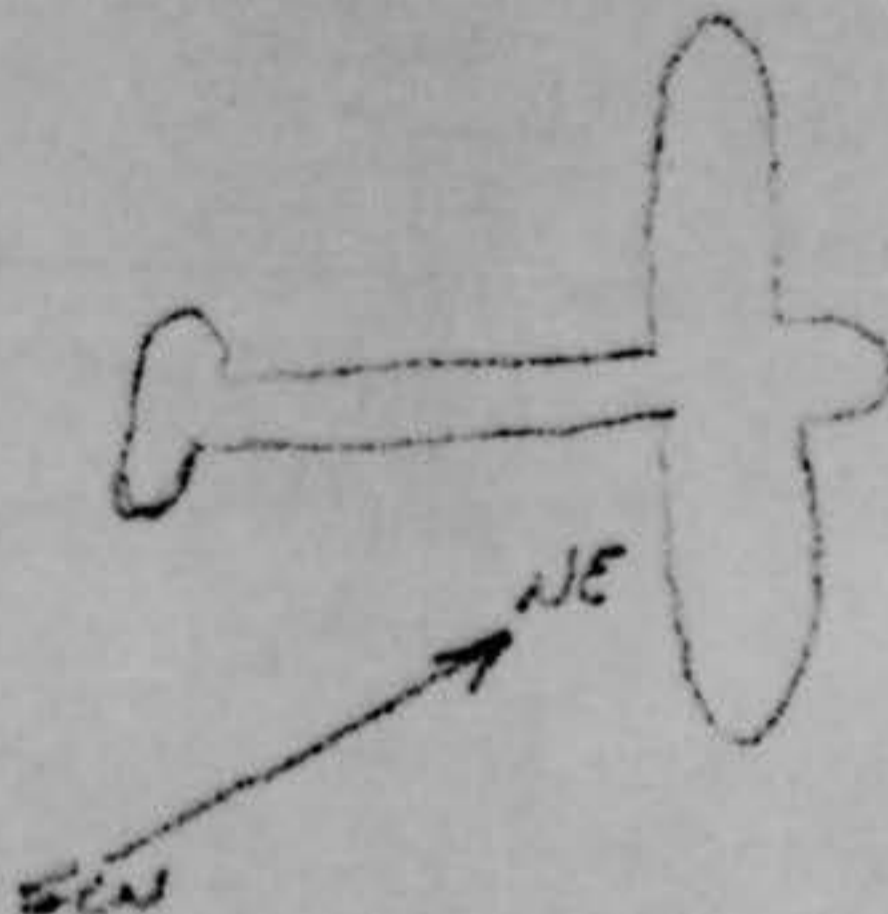
7. IF you saw the object during DAYLIGHT, TWILIGHT, or DAWN, where was the SUN located as you looked at the object?

(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

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

- a. Sound THERE WAS NO SOUND WHATSOEVER FROM THE OBJECT
- b. Color COULD NOT BE DETERMINED AS IT WAS NIGHT

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.



THE OBJECT APPEARED TO BE SHAPED LIKE AN AIRCRAFT.
THE OBJECT APPEARED TO BE LARGER THAN A B-36.

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 THE OBJECT WAS A GRAY MASS
AGAINST A BLACK BACKGROUND.
EDGES WERE FAIRLY CLEAR,
ENOUGH SO TO DETERMINE SHAPE.

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.

NA

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? ~~NA~~

(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?

NA

(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 | <input checked="" type="radio"/> No | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes | <input checked="" type="radio"/> 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. Flicker, throb, or pulsate? | Yes | <input checked="" type="radio"/> 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: _____

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

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 _____

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 NEAR THE CONTROL TOWER
AT CARSWELL AFB.

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

ON MY WAY TO DUTY AND NOTICED THAT PERSONNEL IN THE
TOWER WERE WATCHING SOMETHING IN THE SKY. I LOOKED
UP AND SPOTTED THE OBJECT AND OBSERVED IT UNTIL
OUT OF SIGHT HIDDEN BY BUILDINGS.

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.

NA

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)

ALMOST STRAIGHT UP.

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

30. What direction were you looking when you last saw the object? (Circle One)

- | | | | |
|---|--------------|--------------|--------------|
| <input checked="" type="radio"/> a. North | c. East | e. South | g. West |
| b. Northeast | d. Southeast | f. Southwest | 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).

31.1 When it first appeared:

- a. From true North 200 degrees.
- b. From horizon 70° degrees.

31.2 When it disappeared:

- a. From true North 60 degrees.
- b. From horizon 30 degrees.

targets 17 miles SW of Carswell AFB, flying in formation at an estimated altitude of 5000 feet and speed of 200 NM. These two targets merged into one and when 12 miles from Carswell they separated again and ^{assumed} picked up a southerly heading. At approximately 14 miles from the base, the target to the rear suddenly reversed its course, flew for two miles, then reversed course again and gradually overtook the lead target. Both targets departed the capability of the GCA flying in formation to the SSE.

On the basis of the above information, a cil was placed by ATIC to Hq Air Defense Command and a request was made to have the nearest unit of the 4602d AIBS proceed to Carswell AFB for the purpose of carrying out a complete investigation of the sightings.

Capt Charles A. Hardin, project monitor for Project Blue Book, and Mr. [REDACTED], radar specialist, departed from ATIC for Carswell AFB to further the investigation. Upon arrival, a team was formed with 4602d AIBS and intelligence personnel at Carswell AFB.

The initial UFO report from Carswell had indicated that there were no aircraft in the area on the night of the sighting which would meet the UFO descriptions; however, in the course of a routine recheck, it was discovered that a C-124 enroute from Travis AFB to Turner AFB had reported in to the Ft. Worth radio at 2300 and had changed flight plan at that time. The new flight plan called for a descent from 13,000 to 7000 and the course from Ft. Worth radio to the east leg of the radio direction beam would carry the plane very near the Carswell AFB control tower.

The radar track on this sighting as well as the time coincided with the flight plan of the C-124 and the visual observations. It is, therefore, concluded that it was this C-124 which the control tower personnel reported.

The lack of sound was accounted for by the descent of the C-124 which was taking place at the time of the sighting together with the under-estimation of altitude by the reporting personnel.

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.

THERE WERE NO CHANGES IN THE PATH AS I OBSERVED THE OBJECT. THE OBJECT PASSED OVERHEAD FROM SOUTH TO NORTHEAST

21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension.

SEE _____ feet.

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?

(Circle One):

- | | |
|------------------|----------------------|
| a. Head of a pin | g. Silver dollar |
| b. Pea | h. Baseball |
| c. Dime | <u>i. Grapefruit</u> |
| 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 |
| <u>b. Fairly certain</u> | d. Uncertain |

23. How did the object or objects disappear from view? OBJECT AFTER CRASHING A CIVIL FIELD NE TWO OR THREE TIMES PASSED ON FROM VIEW EAST BOUND

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.

CONSTRUCTED OF METALS USED IN AIRCRAFT AND WOULD BE LARGER THAN A B-36 TYPE AIRCRAFT. THE SHAPE WOULD BE AS AN AIRCRAFT WITH WINGS AND TAIL. COMPARISON TO COMMON OBJECTS: ALMOST ANY CONVENTIONAL AIRCRAFT EXCEPT THE OBJECT APPEARED TO BE VERY LARGE IN SIZE

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
 d. Thick or heavy clouds
 e. Don't remember

34.2 WIND (Circle One)

- a. No wind
 b. Slight breeze
 c. Strong wind
 d. Don't remember

34.3 WEATHER (Circle One)

- a. Dry
 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
 e. Don't remember

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

4 FEB 54
 Day Month Year

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?

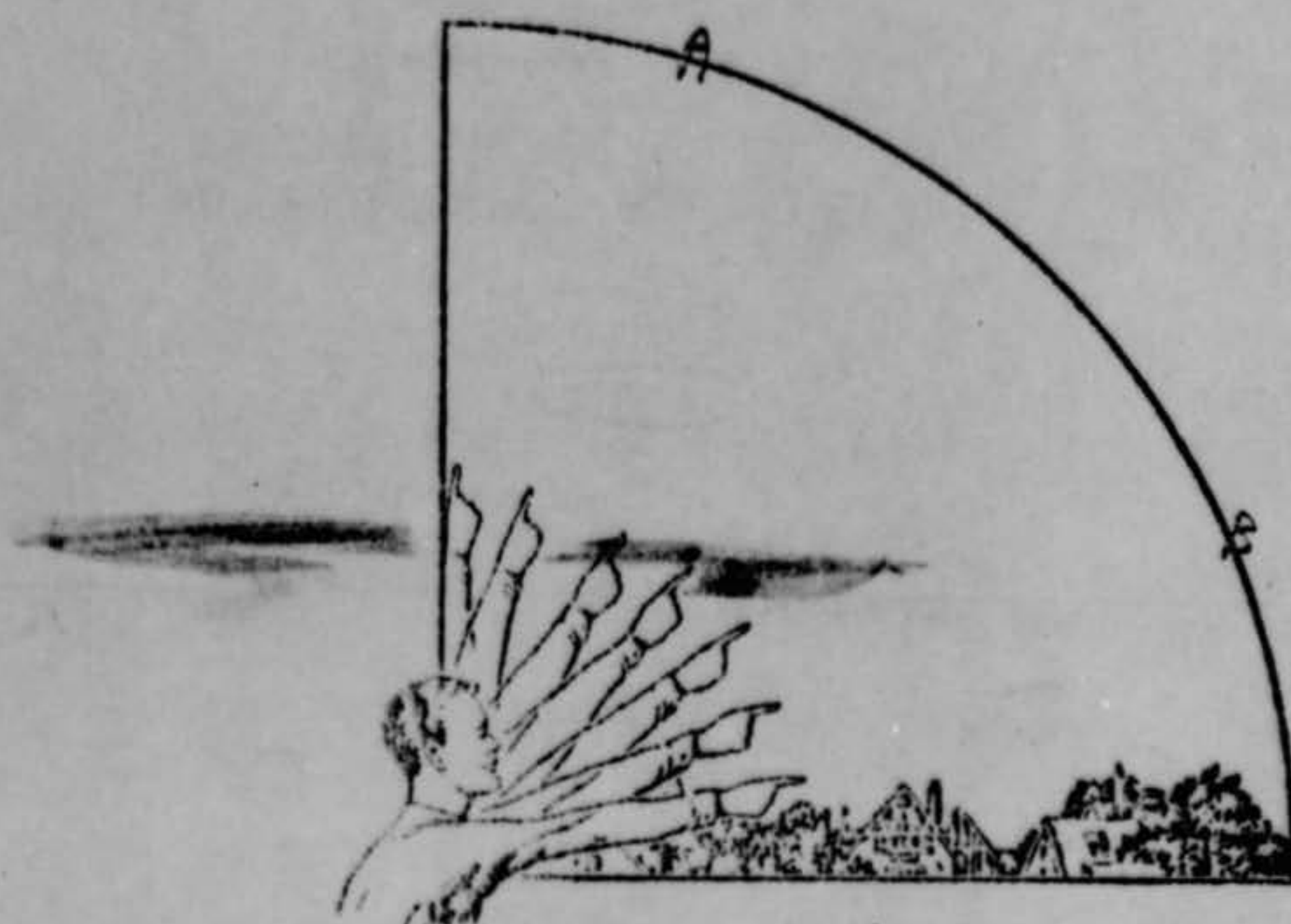
(Circle One) Yes No

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

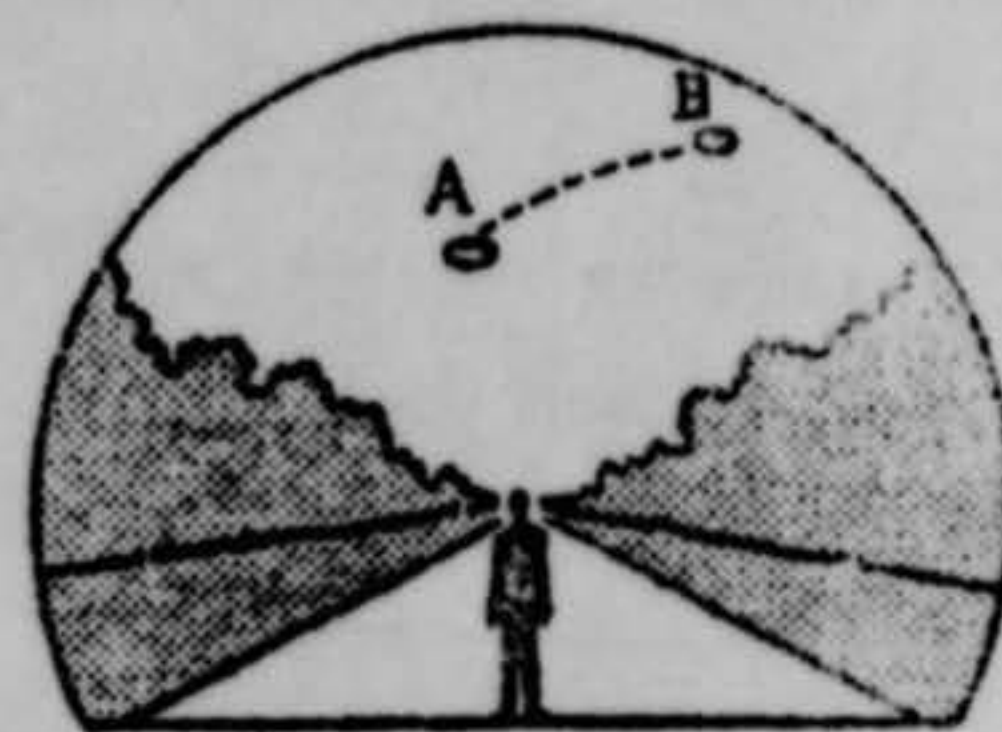
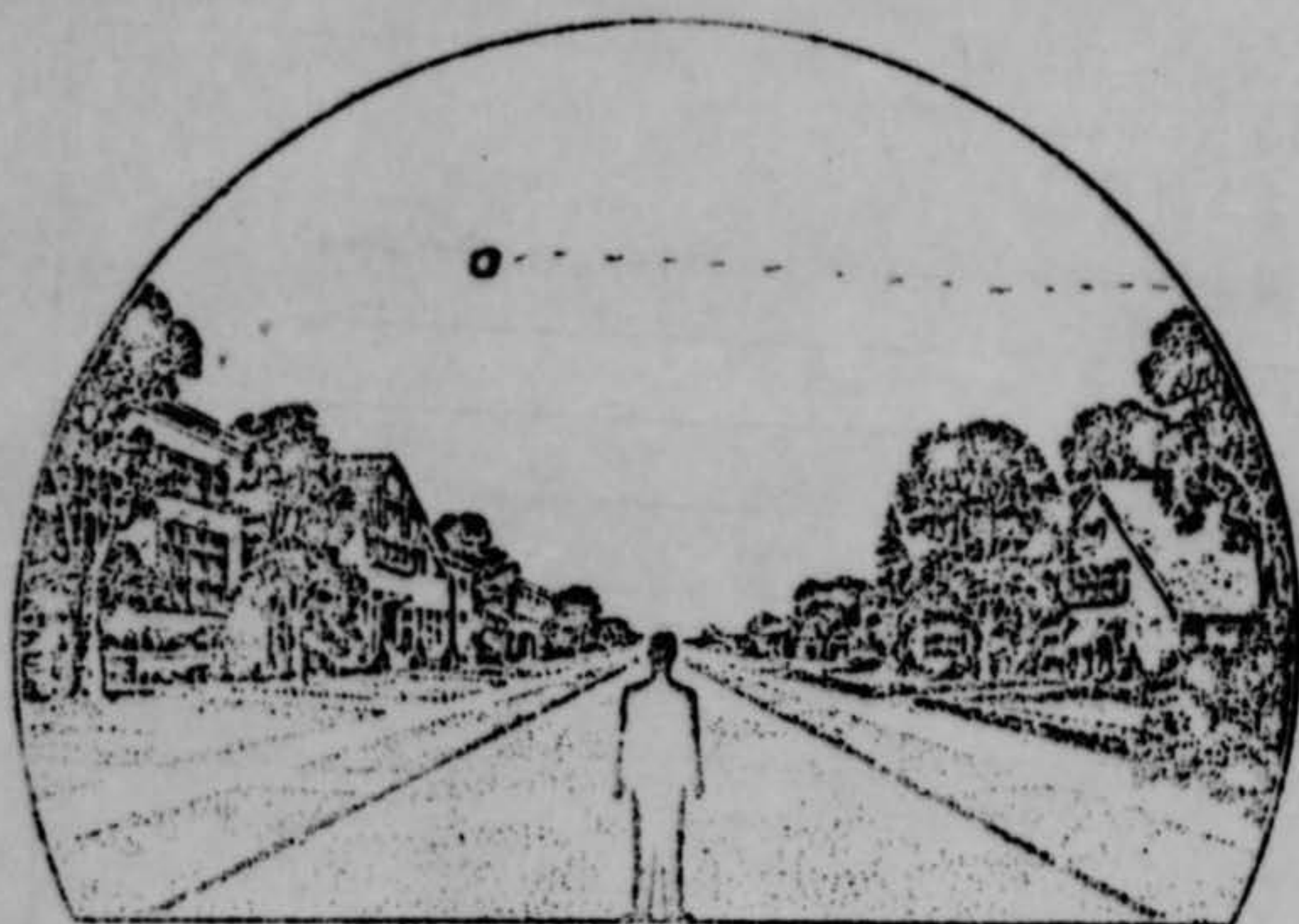
38. In your opinion what do you think the object was and what might have caused it?

I HAVE NO IDEA WHAT OBJECT WAS OR WHAT CAUSED
 IT.

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.



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? 200 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? 300-4000 feet.

41. Please give the following information about yourself:

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

ADDRESS [REDACTED] FORT WORTH City CARSWELL AFB, TEX Zone State

TELEPHONE NUMBER [REDACTED]

What is your present job? CONTROL TOWER TECHNICIAN

Age 23 Sex M

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 _____
CONTROL TOWER OPERATOR
AIR ROUTE TRAFFIC CONTROL COURSE

42. Date you completed this questionnaire:

10 Day FEB Month 54 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 _____

(Do Not Write In This Space)

SIGNATURE _____

CODE: _____

DATE _____

10 FEB 1954

I first observed the object approximately 2300 when I was on my way to work in the Control Tower. I observed personnel in the tower watching the sky and looked up and spotted the object. The speed was in no way measurable and I can recall only one blinking amber light on the under side of the object. It appeared in the shape of a very large aircraft and what attracted my attention was that there was no engine noise what so ever for what I thought was an aircraft and later learned was reported to be an unidentified object. I observed the object for about 45 seconds when it was hidden from my view by buildings. I also observed the light from the object as it circled a civil field northeast of Carswell at the time I was in the tower. The object was observed from the Control Tower.

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?

 FEB 54
Day Month Year

2. Time of day: 234 05
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?

121-3 AAC S DET SQD CRFB FT WORTH TEX
Nearest Postal Address City or Town State or Country

Additional remarks: ON DUTY IN CONTROL TOWER AT CRFB

5. Estimate how long you saw the object.

 10
Hours Minutes Seconds

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

a. Certain
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

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 | <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? | Yes | <u>No</u> | Don't Know |
| f. Change shape? | Yes | <u>No</u> | Don't Know |
| g. Flicker, throb, or pulsate? | Yes | <u>No</u> | 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: _____

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.

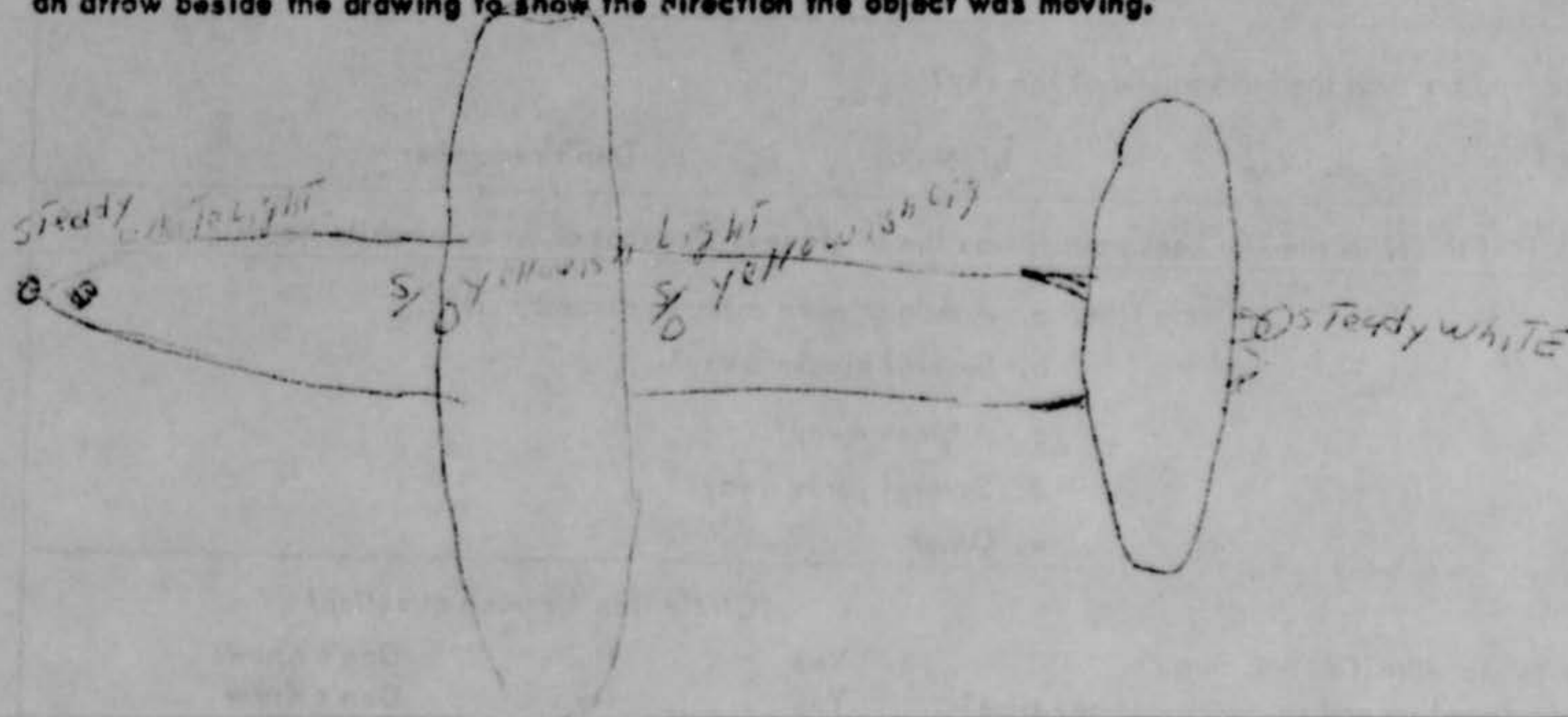
15. Did you observe the object through any of the following?

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

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

- a. Sound No sound was heard, as large as a B-36
- b. Color Grayish in 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.



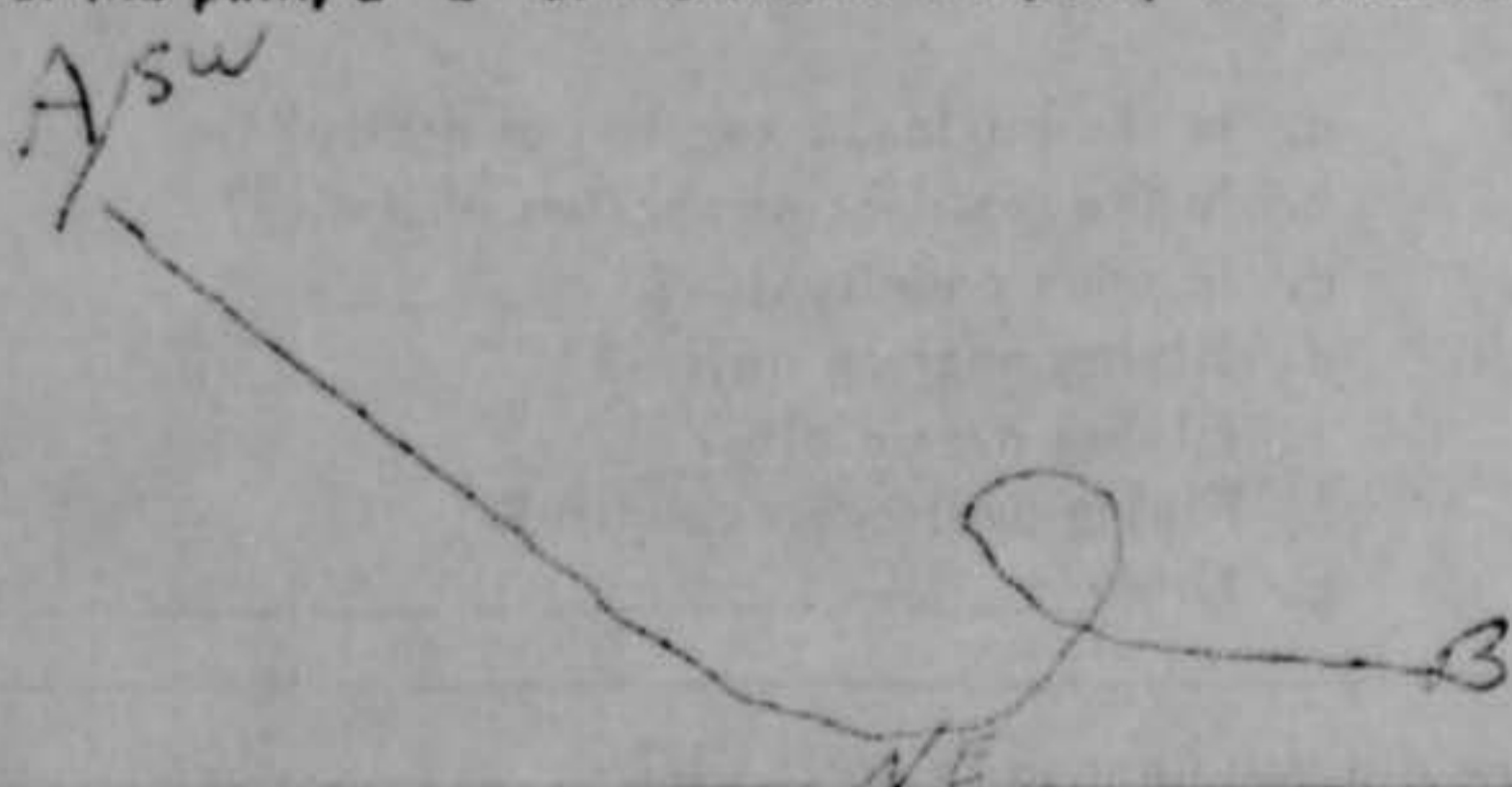
18. The edges of the object were:

- (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.



21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension.

225 feet.

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?

(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.)

- | | |
|---|------------------|
| <input checked="" type="radio"/> a. Certain | c. Not very sure |
| <input type="radio"/> b. Fairly certain | d. Uncertain |

23. How did the object or objects disappear from view? followed its sight with
binoculars until it was lost from sight gradual

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.

To me The object looked like an oversized DC-6
but appeared to be larger than a B-36
BUT was not equipped with engines or jets. The object
seemed to glide thru the air without the use of engines
or jets

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 outsiderump of Control Tower

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 in Control Tower

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

we were in the lookout for unidentified objects
when GCA advised tower of an object moving
from SW to NE

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

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

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).

31.1 When it first appeared:

- a. From true North _____ degrees.
 b. From horizon _____ degrees.

31.2 When it disappeared:

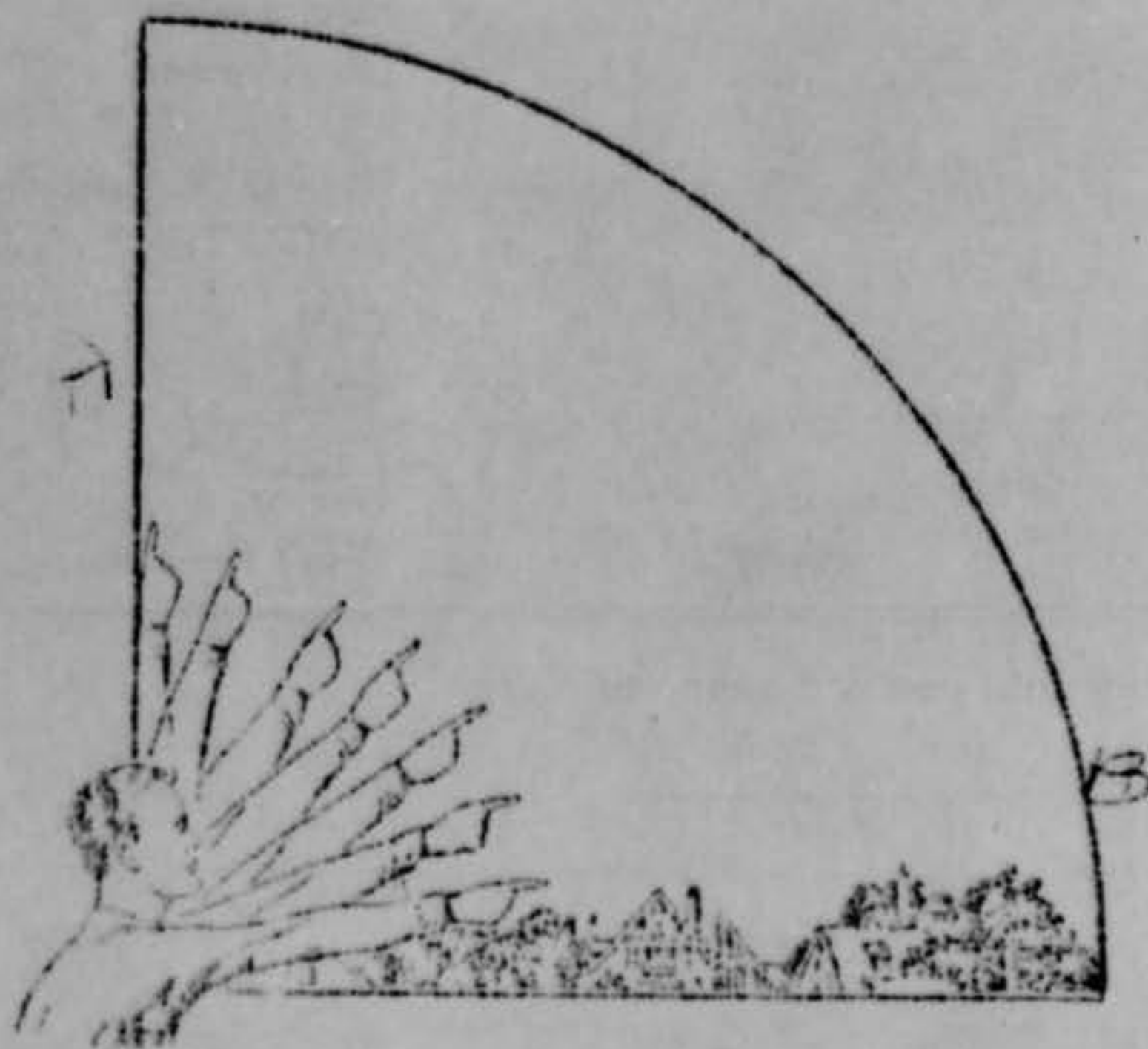
- a. From true North _____ degrees.
 b. From horizon _____ degrees.

Since the first sighting was established to be the C-124 there appears to be no relation between this and the second radar sighting.

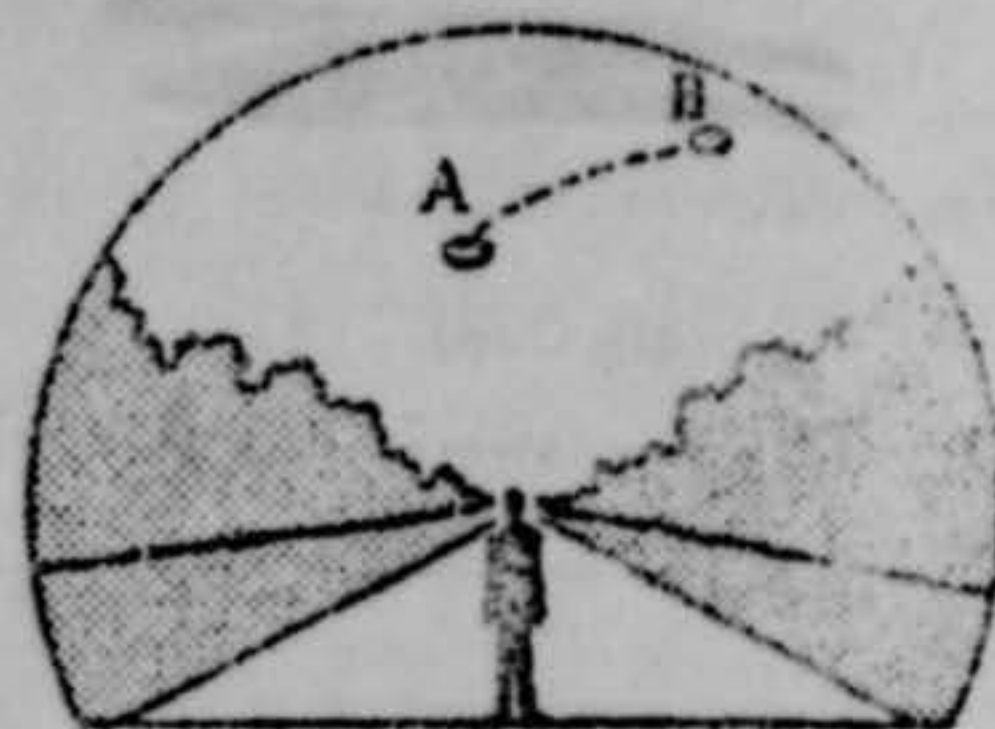
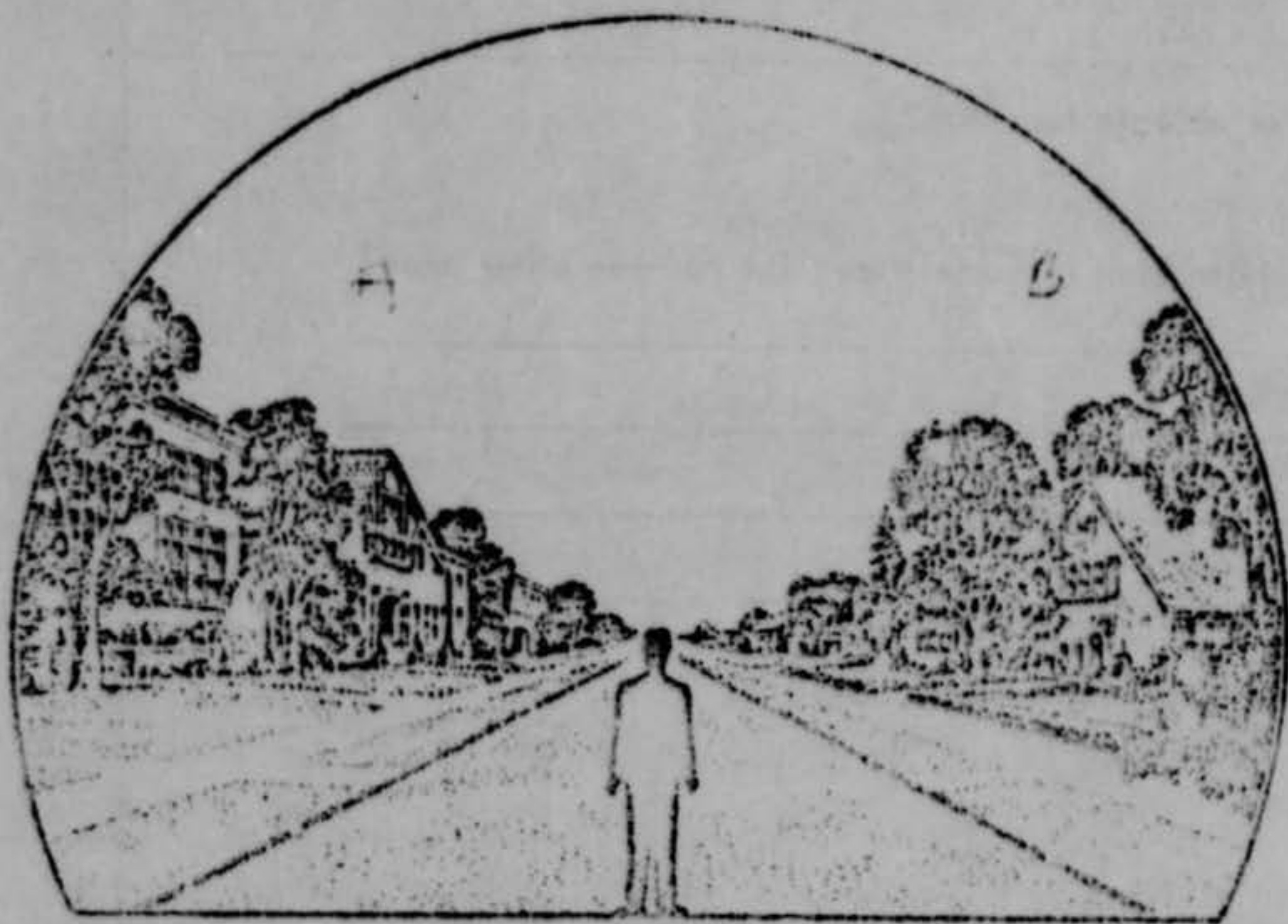
Mr. [REDACTED] after interrogating the GCA operator, was of the opinion that the reported returns indicated aircraft with the exception of the sudden reversal of course (for about 2 miles or 3.3 seconds) and the investigation was continued on that basis. The Duncanville radar station was alerted, after the target of interest reportedly temporarily reversed its course, and their recorded tracks of this target(s) were those of normal aircraft traveling at about 240 NM. A check was made through flight service for all flight plans; however, no flights of this description could be found. Since flight service has plans on cross-country flights only, a further check was initiated to all surrounding air fields for information on local or round robin flights which might have been in the area at the time of the sightings.

Through this checking of surrounding bases, it was found that the 3627th WACCO SQ, James Connley AFB, which is a radar observer training school was carrying out exercises on the night of the fourth in the vicinity and covering the same time period. These operations consisted of flights of two B-25's running missions on each other. While their exact locations at any given time could not be determined, the maneuvers described by the radar operator were very similar and lead to the belief that these were the same objects as reported.

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?

34.1 CLOUDS (Circle One)

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds
- e. Don't remember

34.2 WIND (Circle One)

- a. No wind
- b. Slight breeze
- c. Strong wind
- d. Don't remember

34.3 WEATHER (Circle One)

- a. Dry
- 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 50° F
- d. Hot
- e. Don't remember

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

4 Feb 54
 Day Month Year

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:

R/2c [redacted]
 A/1c [redacted]
 T/sgt [redacted]

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?

no idea, ~~missile~~

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? 240-250 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? 2,000-4,000 ^{overhead} feet.

41. Please give the following information about yourself:

NAME [Redacted] [Redacted] [Redacted]
Last Name First Name Middle Name

ADDRESS [Redacted] T. W. Th 7 Texas
Street City Zone State

TELEPHONE NUMBER [Redacted]

What is your present job? USAF - CONTROL TOWER OPERATOR CAER

Age 22 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 CONTROL TOWER
(Type) Master AFB
- f. Other special training CONTROL TOWER
Technician (77700) IAFB

42. Date you completed this questionnaire:

10 Feb 54
Day Month 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] ¹¹
(Please Print)

(Do Not Write in This Space)

SIGNATURE [REDACTED] 9/10

CODE:

DATE 10 Nov 54

Object from [REDACTED] C. P. [REDACTED] 1
at approximately 5 miles SW of the field with [REDACTED]
at [REDACTED] in visual contact until he disappeared from
sight. Object flew overhead and noticed very clearly
that he had no engines + no pts visible. Object appeared
to be a grey mass of airplane larger in size than a
B-36 - noticed only lights visible to me were 4 lights
under fuselage, steady white light in nose
(1) steady yellowish along fuselage and a steady
white light in tail. No lights appeared on wing tips

Gunnage

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?

4 Day Feb. Month 1954 Year

2. Time of day: 2300 Hour 15 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
C. DST

4. Where were you when you saw the object?

Central Tower Nearest Postal Address Fort Worth City or Town TEXAS State or Country

Additional remarks: 1921-3 HHS

5. Estimate how long you saw the object. _____ Hours 15 Minutes _____ Seconds

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

- a. Certain
- 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

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 | <input checked="" type="radio"/> No | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes | <input checked="" type="radio"/> 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. Flicker, throb, or pulsate? | Yes | <input checked="" type="radio"/> 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: _____

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?

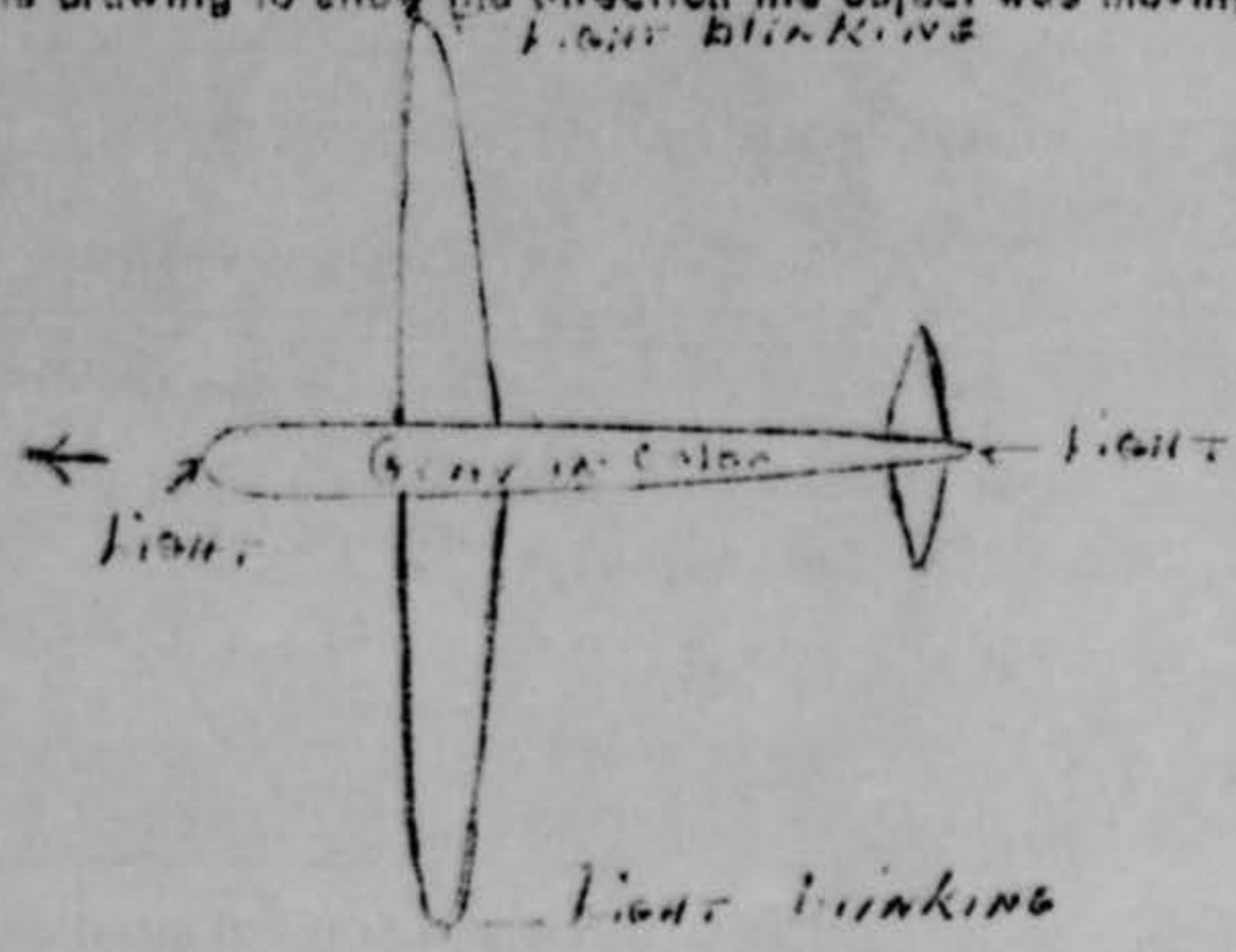
- | | | | | | |
|-----------------|--------------------------------------|-------------------------------------|----------------|--------------------------------------|-------------------------------------|
| a. Eyeglasses | <input checked="" type="radio"/> Yes | <input checked="" type="radio"/> No |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

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

a. Sound No sound

b. Color It was a dull gray.

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.



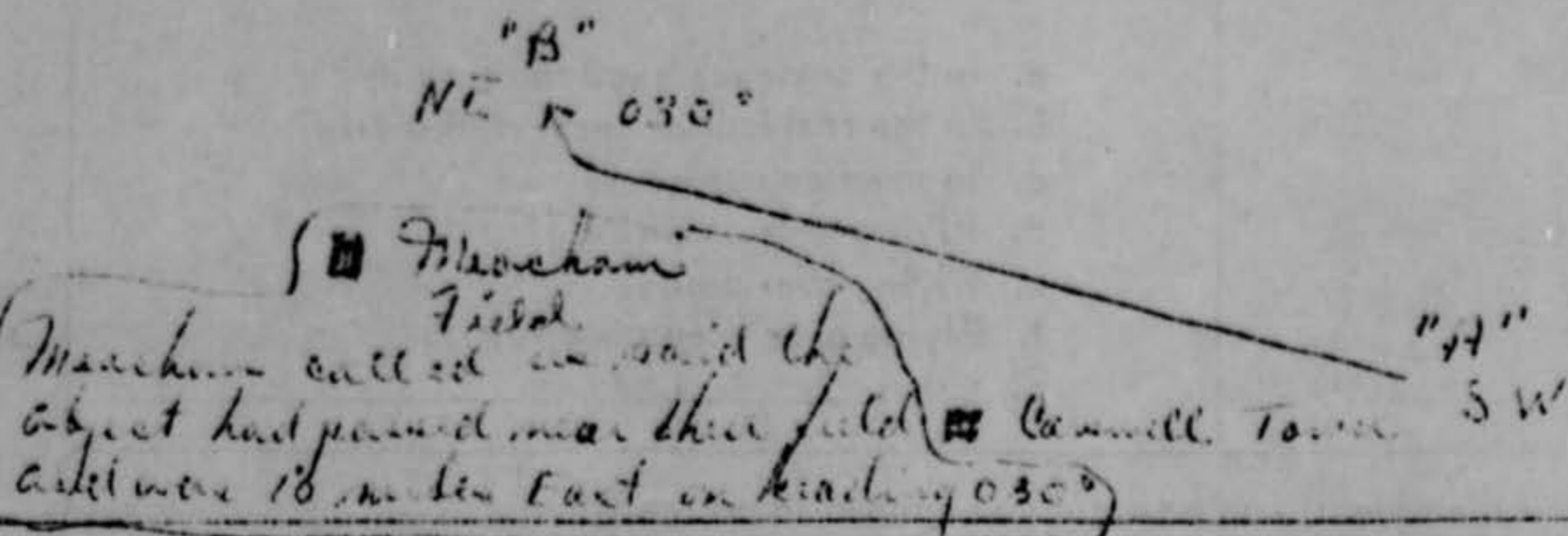
18. The edges of the object were:

- (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.



21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension.

225 feet.

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?

(Circle One):

- | | |
|------------------|--|
| a. Head of a pin | g. Silver dollar |
| b. Pea | h. Baseball |
| c. Dime | i. Grapefruit |
| d. Nickel | <input checked="" type="radio"/> 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?

put out of sight it about 030° from March

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.

The same type of material as a B-36. It would be as large as a B-36 or larger. It would have a long narrow body & thin wings not swept back. It would be similar to a B-36 but the engine mounting was not visible to me. The body was long & thin as was the wings.

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

Other Control tower on runway

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?

Other in field

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

I was working in the Control Tower and P.C.A. called me
and said an object was heading on a heading 36 to the
so I watched with the glasses & then saw it with a
eye

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 | <input checked="" type="radio"/> f. Southwest | h. Northwest |

30. What direction were you looking when you last saw the object? (Circle One)

- | | | | |
|---|--------------|--------------|--------------|
| a. North | c. East | e. South | g. West |
| <input checked="" type="radio"/> b. Northeast | d. Southeast | f. Southwest | 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).

31.1 When it first appeared:

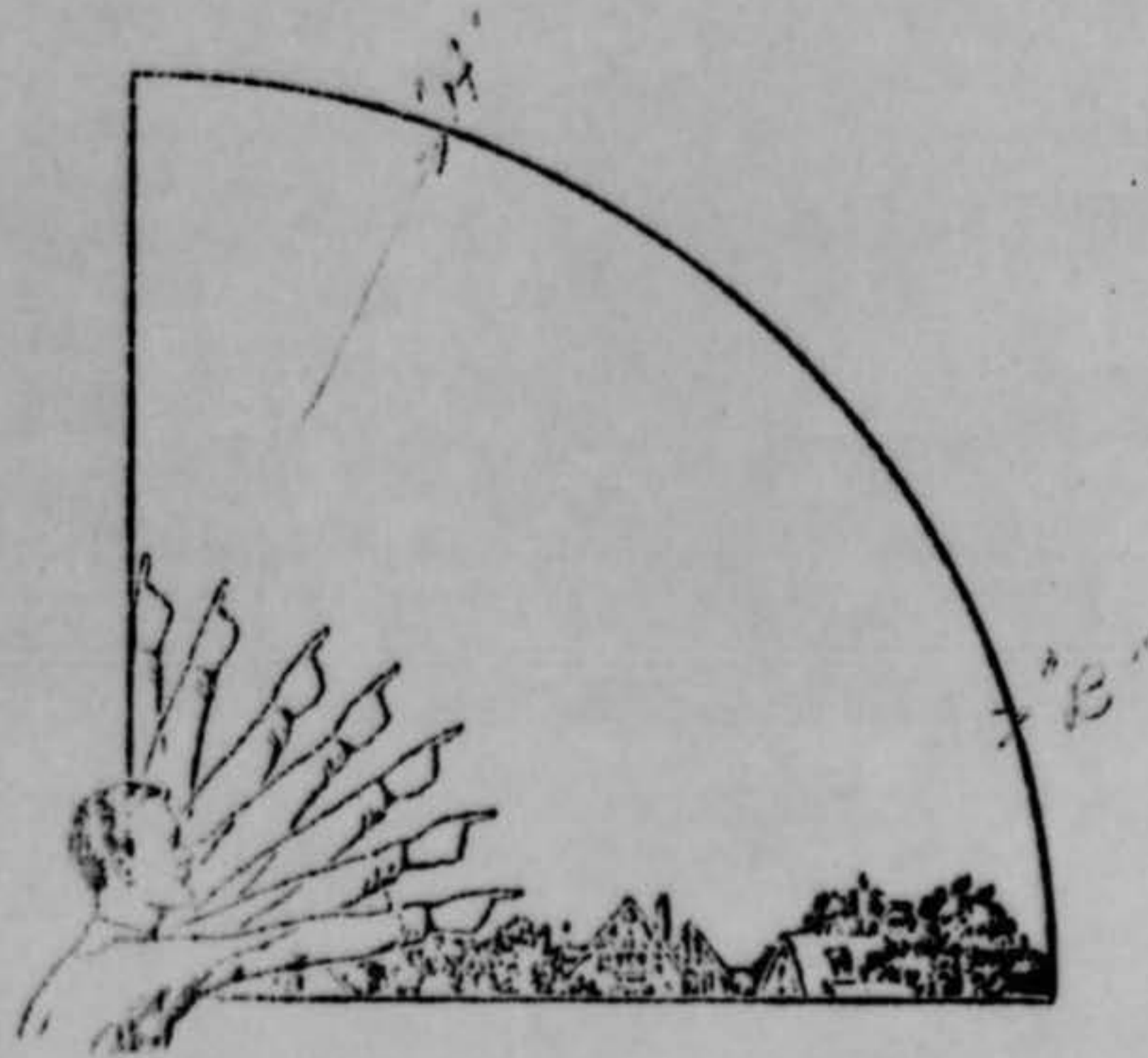
- a. From true North 20.5° degrees.
- b. From horizon 80° degrees.



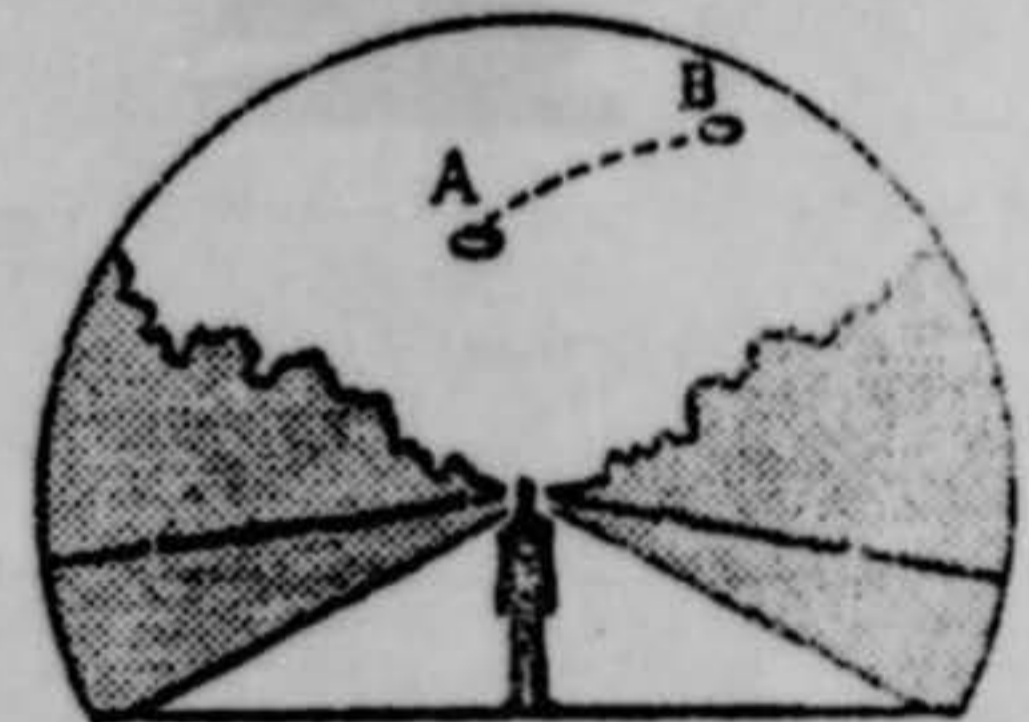
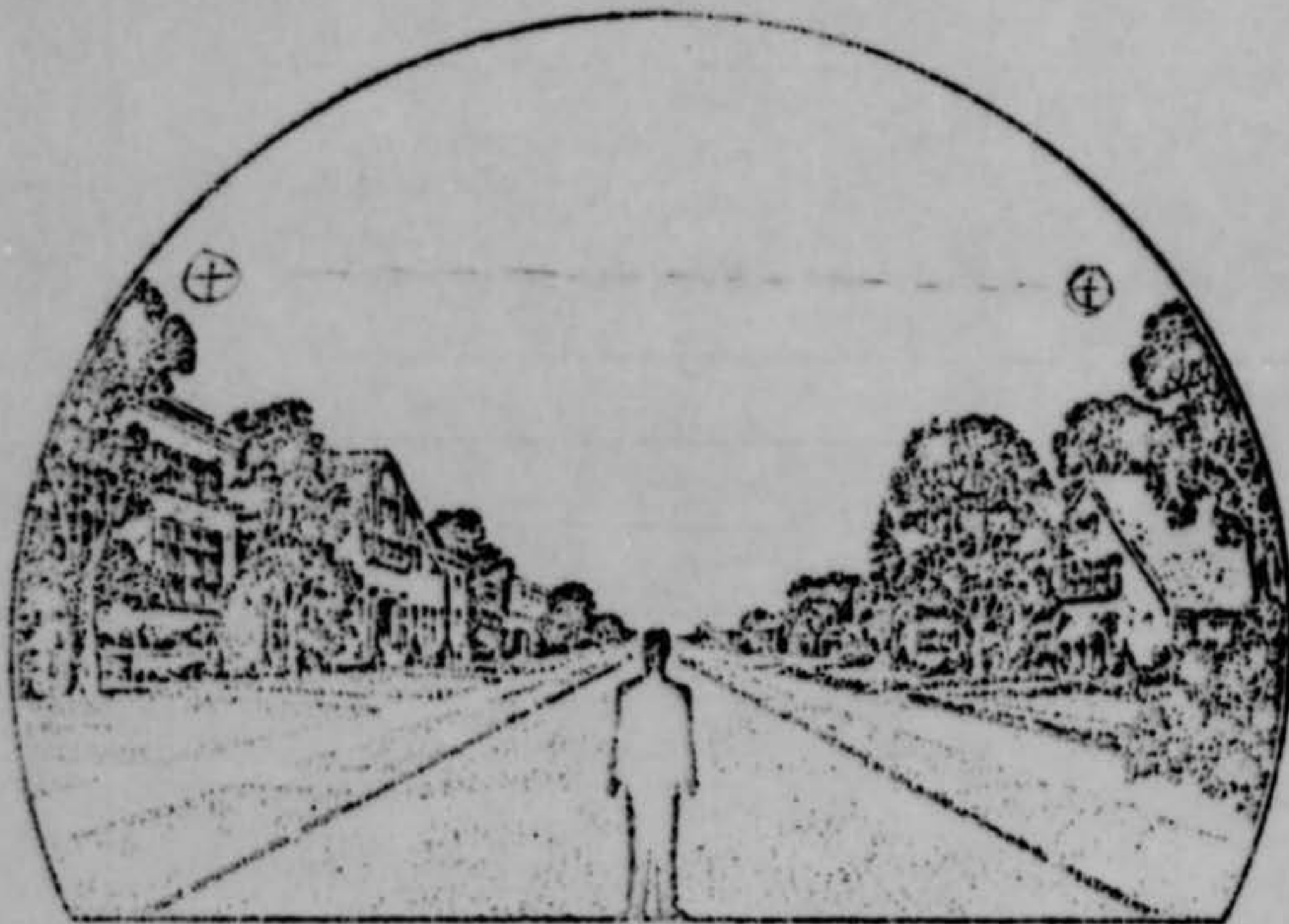
31.2 When it disappeared:

- a. From true North 23.2° degrees.
- b. From horizon 30° 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.



(E) NOT AVAILABLE. GCA RADAR COULD NOT TURN THIS INFO.

(C) 35 DEGREES

(D) OBJECT APPROACHED CARSWELL ON A HEADING OF USPEP DEGREES FROM THE SW. OBJECT DID NOT CHANGE COURSE AT ANY TIME WHILE UNDER OBSERVATION. OBJECT PASSED DIRECTLY OVER THE CARSWELL TOWER AND MAINTAINED HEADING OF 230 DEGREES UNTIL OUT OF SIGHT. OBJECT WAS WATCHED FOR AN ESTIMATED FIVE MINUTES AFTER IT PASSED OVER TOWER BY PERS ON DUTY. THE BRIGHT WHITE LIGHT IN THE TAIL WAS VISIBLE THROUGHOUT THIS TIME. IT WAS ESTIMATED THAT OBJECT PASSED 5 TO 6 MILES NW OF MEACHAM FLD WHICH IS NW OF THE CITY OF FORT WORTH.

(E) SEE (D) ABOVE.

(F) OBJECT FROM TIME OF FIRST DETECTION BY GCA (PARX 242326 LOCAL TIME) WAS UNDER SURVEILLANCE FOR APPROX SIX MIN UNTIL IT PASSED OUT OF SIGHT AT AROUND 242326 LOCAL TIME.

(3) MANNER OF OBSERVATION.

(A) GROUND ELECTRONIC AND GROUND VISUAL.

(B) TOWER OPERATOR, A/1C MCCLONNELL, DEPT OBJECT UNDER SURVEILLANCE WITH STANDARD AF BINOCULARS DURING ENTIRE OBSERVATION.

(C) NA.

UNCLASSIFIED

PAGE FOUR JWFQB 280

(4) TIME AND DTAE OF SIGHTING.

(A) 232522Z.

(B) NIGHT.

(5) LOCATION OF OBSERVERS. THE GCA OPERATOR WAS IN THE GCA TRUCK AT CARSWELL AND THE TOWER PERS WERE IN THE CONTROL TOWER AT CARSWELL AFB, FORT WORTH, TEX.

(6) A. NA.

(C) MILITARY OBSERVERS.

1. GCA OPERATORS. T/SGT HARUN WOLZEL AND A/1C BRUCE PRICE OF THE 1921ST AACS UNIT AT CARSWELL AFB.

2. TOWER PERS. A/2C GUINAUGH, A/1C MCCLONNELL, AND A/1C WINE OF THE 824TH ACG, CARSWELL.

3. INTEROPATORS CONSIDERS SOURCE OF INFO AS COMPL RELIABLE AND AS TO CONTENT PROBABLY TRUE.

(7) (A) CLEAR (CAVU).

(B) WINDS AT 6222 FT FROM NW 5 KNOTS.

(C) NONE.

(D) 15 MILES.

(E) NONE.

(F) NONE.

(8) NO UNUSUAL ACTY, METEOROLOGICAL, ASTRONOMICAL, OR OTHERWISE, THAT COULD CONTRIBUTE TO SIGHTING.

UNCLASSIFIED

PAGE FIVE JWFQB 280

(9) NO PHYSICAL EVIDENCE WAS OBTAINED.

(10) NA.

(11) CARSWELL TRAFFIC WAS IN LOCAL AREA AT TIME OF SIGHTING.

AMON CARTER FLD, FORT WORTH INTERNATIONAL AIRPORT, WAS CONTACTED

TO CHECK ON FLT ARRIVALS DURING THIS PD AND TWO FLTS WERE REPORTED

ARRIVING AT CARSWELL LOCAL FROM CIVIL CITY AND DEPARTING AT 1150 FROM

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
 d. Thick or heavy clouds
 e. Don't remember

34.2 WIND (Circle One)

- a. No wind
 b. Slight breeze
 c. Strong wind
 d. Don't remember

34.3 WEATHER (Circle One)

- a. Dry
 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
 e. Don't remember

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

 Feb 1954
 Day Month Year

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:

A/1c [redacted] 3004 AAC5 1921-3 Barracks
 A/1c [redacted] 2001 Thomas Place Ft Worth Texas
 S/Sgt [redacted] 3004 AAC5 1921-3 Barracks
 A/1c [redacted] Don't know.

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?

An airplane of some kind.

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? 250 275 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? 30 to 400 feet.

41. Please give the following information about yourself:

NAME [Redacted] [Redacted] [Redacted]
Last Name First Name Middle Name

ADDRESS [Redacted] Tert Worth [Redacted] Texas
City Zone State

TELEPHONE NUMBER [Redacted]

What is your present job? Control Tower Operator

Age 20 Sex Male

Please indicate any special educational training that you have had.

- a. Grade school yes
- b. High school yes
- c. College _____
- d. Post graduate _____

- e. e. Technical school Control Tower School
(Type) Approach Controller
- f. Other special training _____

42. Date you completed this questionnaire:

10 Feb 1954
Day Month 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 _____
(Please Print)

SIGNATURE _____

DATE _____

(Do Not Write In This Space)

CODE:

4 FEB

05/0500Z

CARSWELL AFB, TEXAS

TO: Colonel John A. O'Mara
Commander, ATIC

ATIAE-5/Capt Hardin/jos/73147
9 February 1954

MEMORANDUM FOR RECORD

PROBLEM:

1. To request approval for Capt C. A. Hardin and Mr. R. L. James to travel to Carswell Air Force Base, Fort Worth, Texas, for the purpose of determining the origin of a reported unidentified flying object.

FACTS AND DISCUSSION:

2. On 5 Feb 54 at 0500Z, a sighting was made in the vicinity of Carswell AFB by both visual observation and radar. The object was observed by all the Carswell Tower personnel on duty. All of the observers are considered reliable.

RECOMMENDATIONS:

3. This appears to be a significant case and complete investigation should be carried out. It is, therefore, recommended that Capt C. A. Hardin and Mr. R. L. James proceed to Carswell Air Force Base, Texas, for approximately 5 days TDY.

COORDINATION:

ATIAE Lt Col H. C. Johnston, Branch Chief _____
ATIA Col W. L. O'Hern, Division Chief _____
ATIM Col D. F. Justice, Office Chief _____
ATI Col J. A. O'Mara, Commander _____

List of people who saw UFOs
on 4 Feb 54.

GCA Operators:
X T/Sgt. Farran Holod - * Home until 11 Feb
X A/IC. Bruce Proce On duty til 1730 - ^{home phone} No. 7027
phone 427

Tower Operators:

T/Sgt. Riddle - on duty til 1630 - lives BCC #4-280
^{2/c L. Beane} until Phone

Airman Hill - On duty - 1700-10 Feb 280

Airman Mc Clennel - On duty until 1730 Today - 444

X Airman Guinagh - On duty til 1730 - ^{home} phone 280

X Airman Ween - On duty til 1730 - lives in
BCC #4 - Phone 280

* will be at wife's business until
1730 today (PEO 26) then home
(CE 72686) until 0900 tomorrow
then back to shop (PEO 26) until
1730 tomorrow evening.

McConnell

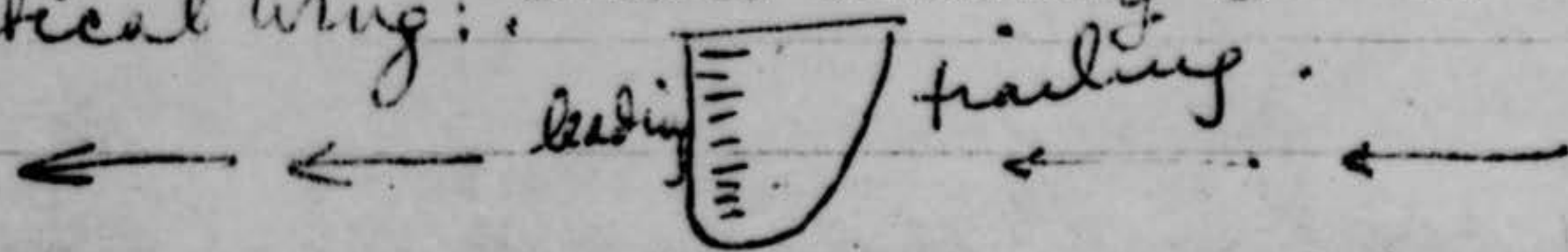
1. Job: Track-sheet; supervisor + controller.

2. Was 1st to see object.

3. Steady white light on nose
2 yellowish lights under fuselage. (1 under wing - other $\frac{3}{4}$ dist. from nose).

1 steady white light on tail.

4. Elliptical wing: ^{clairs actually seen.}



5. Tail tip was very obvious and $\frac{2}{3}$ the width of fuselage as it entered tail.

6. Twice as big as DC-6.

7. Wane: has worked days in the tower. Says he saw red + green blinking lights.

A/c just back from overseas. Radar man. no much experience. Tower apprentice.

8. Clear sharp silhouette: 10 sec
Silhouette in general: 30 sec.

9. McC has 2 years experience in CTR control tower.

S

first saw object.

a white
dash must be
lighter than
others are lighter
object not visible

5 mi.

now light
visible

3/4 miles

5 mi.

all lights visible

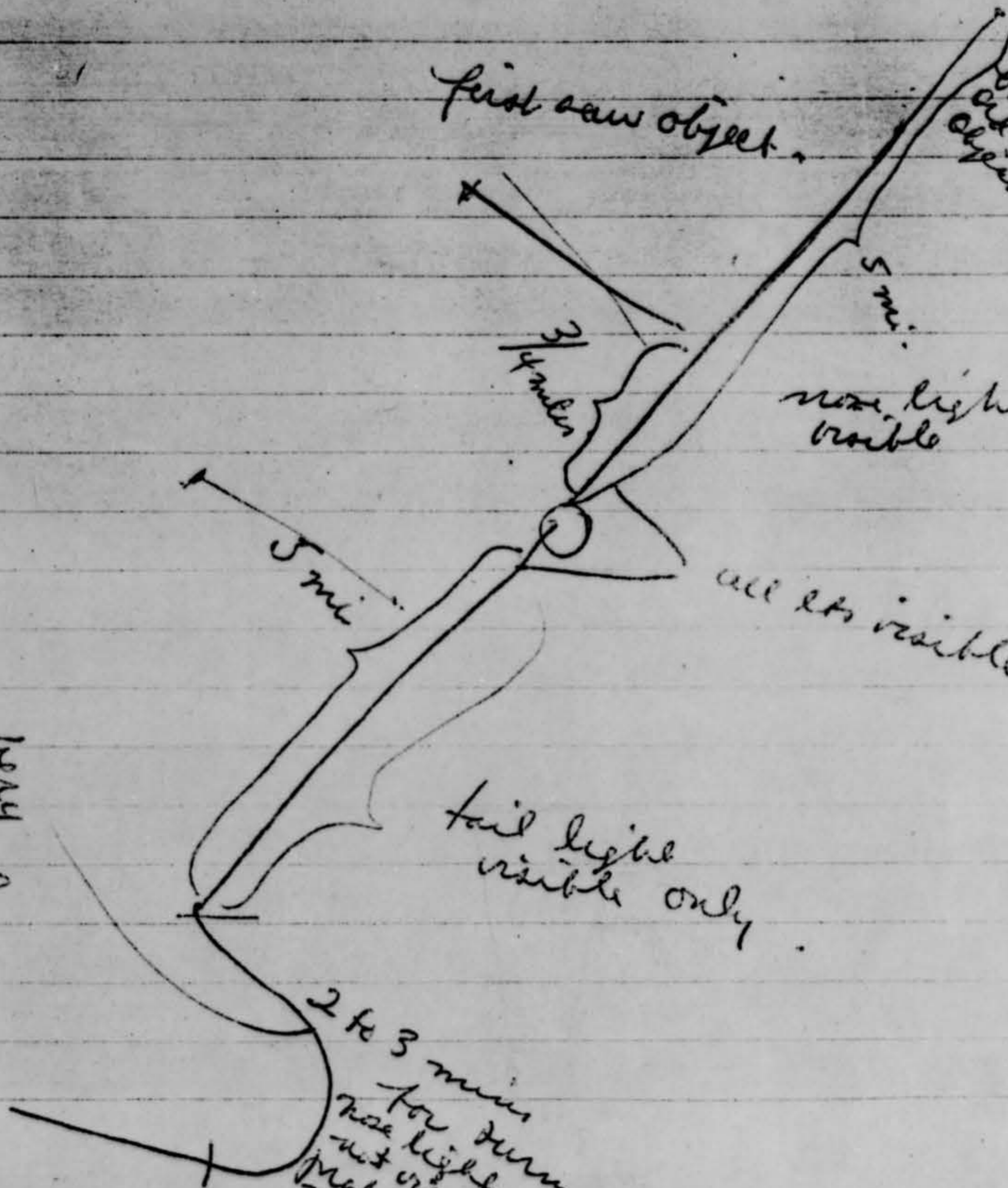
tail light
visible only

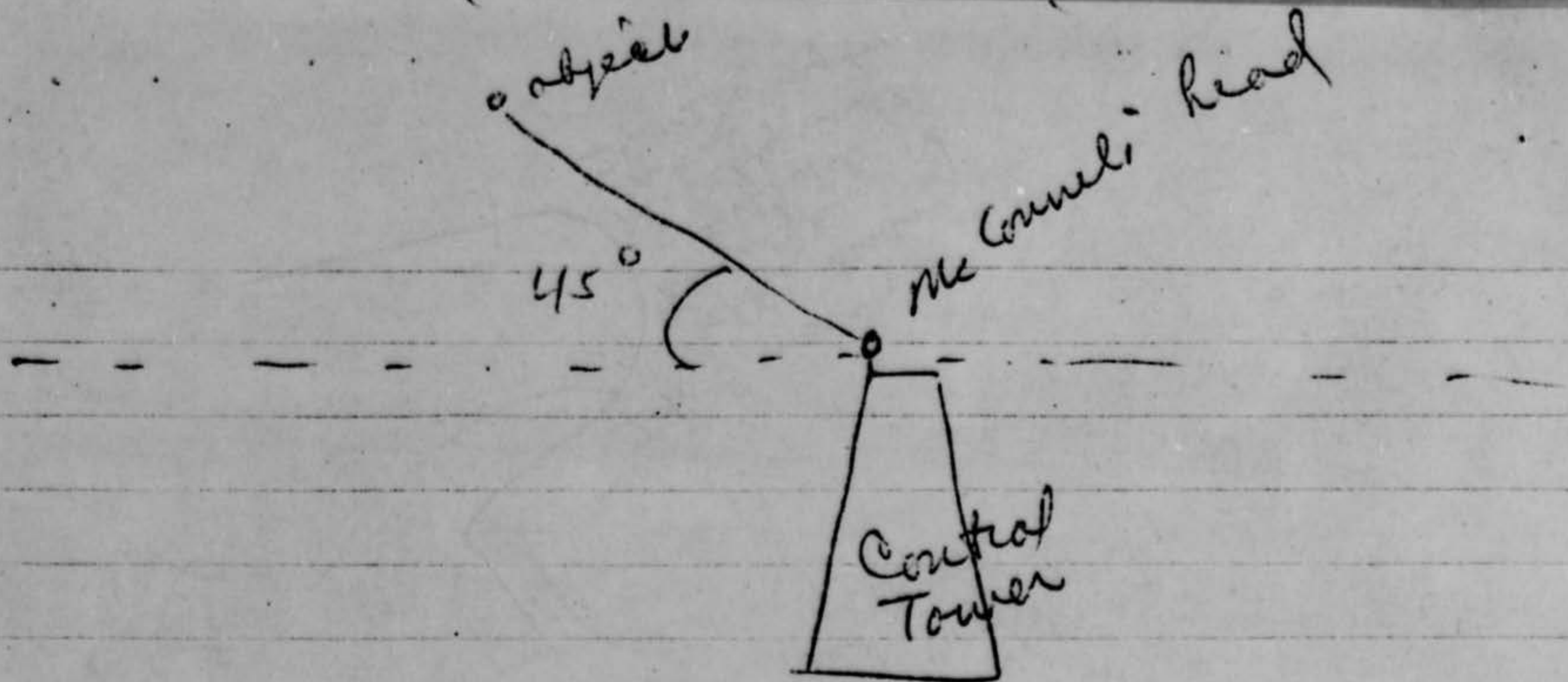
2 to 3 mins
for turn
nose light
not visible
probably under
nose
240-280 mph.

very
gradual
turn

W

M





~~Acron Gunnarugh talked to Meacham Fld.~~

(1)

B - Desc. as steps of B-36 - Was C-124

C - Dark Grey - at summit

F - $\frac{1}{4}$ snow not visible - clear 15

H - 3000 to 4000 - Per. Let down

I - Light - left of summit - no cabin



1. Dis by all observers on sept.

2. C-124 - Dis to Cont Center, Ft. Worth

(a) AF 1261 - From TRAVIS TO TURNER

(b) Ft. Worth cleared 7000 - INC. LET DOWN

CHANGE OF FIX AT FT. WORTH (7)

Est. Cont at Ft. Worth Radio at 2304 ⁽²³⁰⁰⁾

TIME ^{EXACTLY} SAME - 2304 - 2309 - 2312-13

PASSED OVER FT. WORTH RADIO & ON TO E. LEG OF BEAEM.

C. SAME TRACK AS SCOPE

D. ONLY 1 OBJ. ON SCOPE - THAT WAS THE C-124

~~0900~~ 2100 - 6000 - 360° @ 27 ~~MPH~~

CHANGE OF ALT. IF ANY ?

JEDMK A225

PANAPHAASE NOT REQUIRED. SEE CRYPTO-CENTER
BEFORE DECLASSIFYING

JM

UNCLASSIFIED

3. Atg-in
4. P. file

JWFOG 24
PP JEDEN JEDWP JEPHO 333
DE JWFOG 28C

CONDRAIRDIV 15 CARSWELL AFB TEX
TO JEDWP/CONDRAIR TECH INTEL CTR WRIGHT PATTERSON AFB OHIO
JEPHO/DIR OF INTEL HQ USAF WASHINGTON DC
JEDEN/CONDRAIR ENT AFB COLORADO
JEDWP/CONDRAIR 3 CARSWELL AFB TEX
SECTION ONE OF TWO. 7DI 1570. UFGF.

- (1) DESCRIPTION OF THE OBJECT.
- (A) SHAPE OF AN ACFT.
- (B) BASEBALL - WAS DESCRIBED BY OBS AS JUST AS LARGE OR LARGER THAN B-36.
- (C) DARK GREY.
- (D) ONE.
- (E) NA.
- (F) HAD A LONG FUSELAGE, ELIPTICAL WINGS, AND STABILIZER, AND NO VISIBLE MEANS OF PROPULSION.
- (G) OBJECT HAD TAIL, DID NOT LEAVE ANY TRAIL, NOR WAS ANY EXHAUST VISIBLE.

UNCLASSIFIED

PAGE TWO JWFOG 28C

(A) OBJECT EMITTED NO SOUND. THIS IS PREDOMINANT PHENOMENA OF THIS REPT. OBJECT PASSED DIR OVER THE CARSWELL AFB TOWER AT 3020 TO 3022 FT AND WAS OBSERVED BY ALL TOWER PERS ON DUTY. NOT A SOUND OR ANY EVIDENCE OF PROPULSION WAS EXHIBITED BY OBJECT.

(1) OBJECT WAS FIRST DETECTED BY THE CARSWELL GCA STA AT A DISTANCE OF 13 TO 15 MI FOR CARSWELL. ATTN WAS DRAWN TO THE OBJECT BECAUSE OF THE LARGE RTN PRESENTED ON THE SCOPE. OBJECT WHEN VIEWED ON SCOPE GAVE A RTN OF 1 I.C. CPR SCANNED FROM 10 DEGREES TO 30 DEGREES ON SEARCH AND OBJECT REMAINED THE SAME RTN DURING THIS PERIOD. BECAUSE OF THE UNUSUAL RTN, AND BECAUSE OBJECT WAS APPROACHING THE TOWER THE GCA CPR NOTIFIED THE AIRDROME OFFICER OF THE TOWER. OBJECT HAD A VERY BRIGHT WHITE LIGHT IN THE NOSE AND TWO VERY BRIGHT LIGHTS ON BOTTOM OF FUSELAGE. ONE OBSERVER REPORTED THAT HE THOUGHT OBJECT HAD SOME TYPE OF LIGHT

(2) DESCRIPTION OF COURSE OF OBJECT.

(3) ORIGINAL RADAR RTN RECD BY GCA SITE AT CARSWELL.

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 15 YEARS
DOD DIR

UNCLASSIFIED

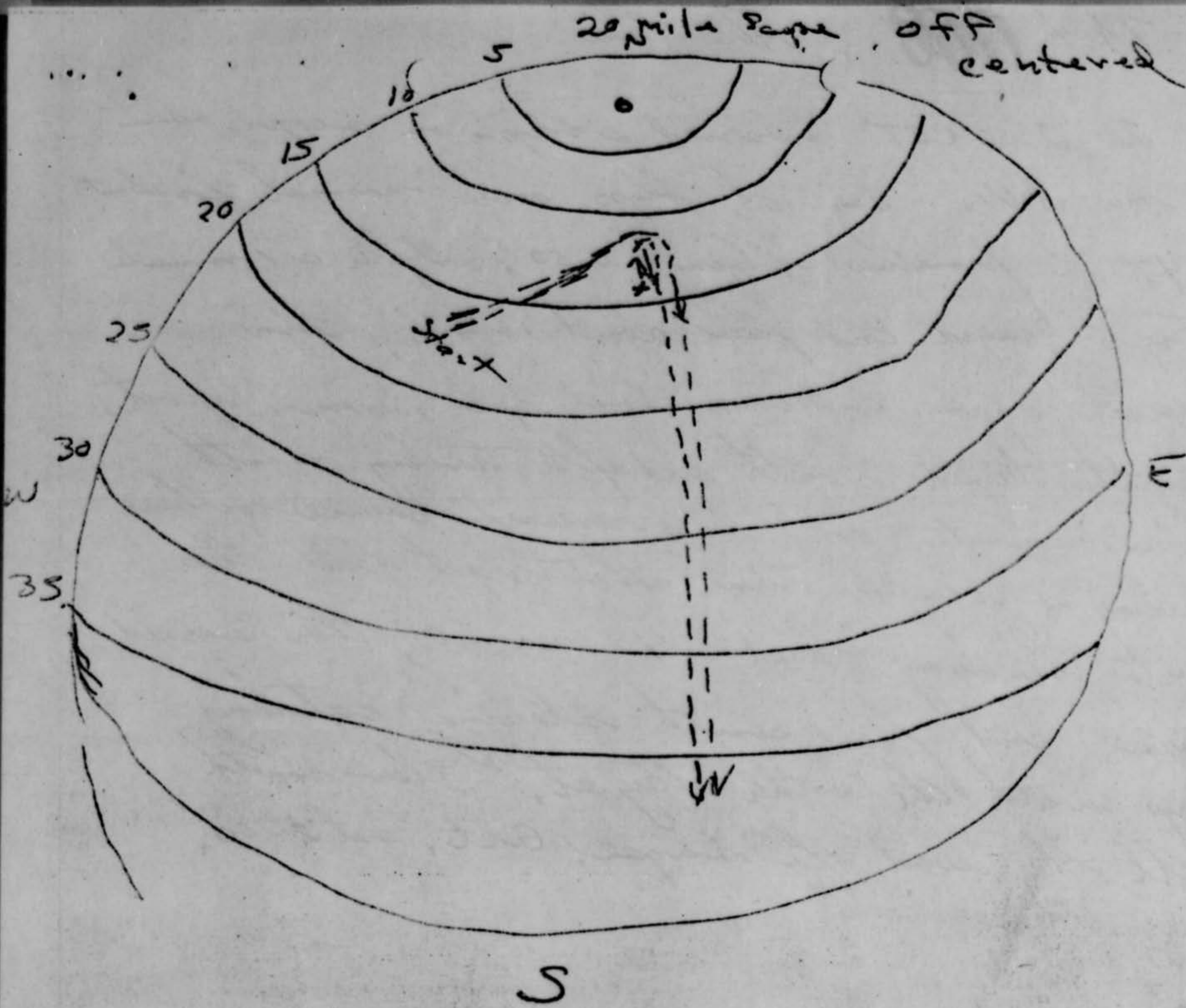
FLIGHT SERVICE - TRAINING FLIGHTS

CALL TRAVIS

Second Sighting on radar at Unsworth

Time - 2320 CST 4 Feb 54

- 8. No
- 9. ALL NO
- 10. _____
- 11. _____
- 12. NO
- 13. yes AM/C PN-4
- 14. NO
- 15. NO
- 16. _____
- 17. _____
- 18. Same as first report
- 19. yes
- 20. _____
- 21. _____
- 22. _____
- 23. Same
- 24. a yes — speed variable
b NO
c NO
d NO
e YES
- 25. yes — Tracked two targets — appeared to be in formation
- 26. PPI
- 27. $\frac{1}{2}$ - $\frac{3}{4}$ inch on 20 mile scope
- 28. 20 \pm 2 RPM
- 29. _____



Picked ~~up~~ Targets up 17 SW - Targets merged
 did a turn to the right to southerly heading
 approx 160-165°. Targets separated one slightly
 to rear and west of lead target. at approx
 14 miles lead target reversed course without
 any noticeable other change of direction. Target
 headed north for approx 1-1/2 miles then again
 reversed course to south - patching up to fly
 formation with lead target

7/597 ~~0000~~ - Altc Price

At 2320 CST observed 2 blips on scope about 17 mi. SW. Size of blips were normal for about C-47 in formation flying @ 50°. After a minute 2 targets merged and flew about 1 mile, then separated again and were about $\frac{1}{4}$ to $\frac{1}{2}$ mile apart. They then turned south and after traveling south about 1 minute one blip reversed course without making a visible turn. The target held this north heading about 45 seconds, then reversed course and flew south slowing catching up with the other target. Flew south till they went off scope. Alt. est 5000.

Alc

more like B-36 but the wings weren't tapered like
a B-36. - Noticed that there was a yellow nose
light and ^{bright} white light in tail. Did not notice
red and green lights. No noise whatsoever.
No engines or engine mounts noticed. No
visible change of altitude.

Saw it was aircraft, but no sounds.

March 1954

MARCH 1954 SIGHTINGS

<u>DATE</u>	<u>LOCATION</u>	<u>OBSERVER</u>	<u>EVALUATION</u>
Spring Mar, Apr	Stalingrad, USSR Oakland, California	Civilian - Unknown [REDACTED]	Other (ROCKET) 1. Astro (METEOR) 2. Ball Lightning
2	Orangeville, Maryland	[REDACTED]	Insufficient Data
2	Pennsylvania	Military & Civilian	UNIDENTIFIED
4	Baltimore, Maryland	[REDACTED]	Other (REFLECTION)
5	Chihuahua, Mexico	Valenzuela	Other (UNRELIABLE RPT)
5	Nouasseur, French Morocco	Ground (RADAR) Air Visual Air Visual	1. Ground Reflection 2. Insufficient Data 3. UNIDENTIFIED
6	Milwaukee, Wisconsin	[REDACTED]	Astro (JUPITER)
7	Keesler AFB, Mississippi (physical specimen)	Military (PHOTOS)	Balloon
7	Arlington, Virginia	Military	Astro (STARS)
8	Panama City, Florida	Multi Civilian	Other (BIRDS)
8	San Antonio, Texas	Military & Civilian	Astro (METEOR)
9	Cincinnati, Ohio (CRIFO Newsletter)	(INFO) [REDACTED]	
9	Newfoundland	Military	Astro (METEOR)
11	Keesler AFB, Mississippi	Military	Astro (METEOR)
11-12	Pittsburg, Pennsylvania	Military (RADAR)	Other (GROUND REFLECTION)
12	Nouasseur AFB, French Morocco	Military	Insufficient Data
12	Nouasseur, French Morocco	Military	UNIDENTIFIED
12	Narsarsuak, Newfoundland	Military	A/C
12	Scranton, Pennsylvania	[REDACTED]	Astro (METEOR)
16	Oak Park, Illinois	Civilian & Military	Astro (METEOR)
17	Long Beach, California	[REDACTED]	Balloon
13	Alexandria, Virginia	[REDACTED]	Insufficient Data
22	Wertherly, Pennsylvania	[REDACTED]	Other (REFLECTIONS)
23	Hahn AB, Germany (CASE MISSING)	Military	A/C
27	Ocenee, Illinois	Multi Civilian	Balloon
27	Cherokee, Sinclair, Wyoming	[REDACTED]	Astro (METEOR)
27	Gateway Intersection, Alabama	Unknown Civilian	Insufficient Data
27	Fort Worth, Texas	Multi Civilian	A/C
28	Norwich, Connecticut	Multi Civilian	1. Balloon 2. Astro (METEOR)
29	Philadelphia, Pennsylvania	[REDACTED]	Other (BIRDS)

⊛ IN SEPARATE FOLDER

**ELECTRONICS DATA SHEET
(GROUND RADAR)**

The purpose of this questionnaire is to provide technical data for evaluating the report of an unusual radar target or track. It is requested that it be completed as accurately as possible.

When not filled in, the form is Unclassified. The reporting officer will use his own judgement as to what degree of classification is required.

It is preferred that the answers to the questions be typewritten, however, if it will expedite the completion of the form, the answers may be printed in ink. If additional space is needed, use reverse side of form.

<p>1. STATION OBSERVING TARGET: <u>GCA Unit</u> <u>CARSWELL AFB</u> Organization _____ Location _____</p>	<p>2. DATE OF THIS REPORT: <u>10</u> <u>FEB</u> <u>1954</u> Day Month Year</p>
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<p>3. DATE TARGET OBSERVED: <u>4</u> <u>FEB</u> <u>1954</u> Local Time <input checked="" type="checkbox"/> Day Month Year Z Time <input type="checkbox"/> Time-Local <u>2300</u> Time-Z _____</p>	<p>4. NAME, RANK AND ORGANIZATION OF REPORTING OFFICER: _____ _____ _____</p>
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5. EXACT LOCATION OF STATION (COORDINATES):

6. OBSERVER DATA (LIST EACH OBSERVER):

Name	Rank	Duty	No. of Years Exp. in Radar
A. <u>[REDACTED]</u>	<u>A/c</u>	<u>GCA MGR.</u>	<u>3 1/2</u>
B. <u>[REDACTED]</u>	<u>1st Lt</u>	<u>GCA Operator</u>	<u>5</u>
C. _____	_____	_____	_____
D. _____	_____	_____	_____
E. _____	_____	_____	_____

7. WAS A VISUAL SIGHTING MADE BY ANY PERSONNEL OF THE STATION? YES NO
IF SO, GIVE NAME AND RANK OF ALL PERSONNEL MAKING A VISUAL SIGHTING AND A BRIEF DESCRIPTION OF WHAT THEY SAW:

NO FIT DESCRIPTION OF TOWER PERS.
 (12) PREPARING OFFICER IS 1ST DIR OF INTEL FOR 7TH COMB W. THERE
 SEEMS TO BE NO APPARENT EXPLANATION FOR THE FACT THAT OBJECT SIGHTED
 ADMITTED NO NOISE WHATSOEVER. RELIABILITY AND EXPERIENCE OF
 THE PERS REPTG SIGHTING ARE GOOD. THE GCA OPR HAS HAD OVER
 5 YEARS OF EXPERIENCE IN HIS FLD. ONE OF THE TOWER OPR HAS BEEN
 AT CARSWELL FOR TWO YEARS IN HIS PRESENT JOB, AND ANOTHER FOR 1
 YEAR. FOL IS AN ADDITIONAL INCIDENT WHICH WAS OBSERVED BY THE GCA
 TEAM ON DUTY THAT NIGHT (T/SGT HOLZEL AND A/IC PRICE) SHORTLY
 AFTER THE INITIAL SIGHTING.
 AT 2322 LOCAL TIME (PARK 22 MIN AFTER INITIAL SIGHTING) TWO TGTS
 WERE OBSERVED BY THE GCA UNIT AT CARSWELL 17 MILES SW OF CARSWELL
 LEADING 230 DEGREES FLYING IN FORMATION. THE TWO TGTS MERGED INTO

JEDNA A234
 JFCE 23
 PP JED/P JEPHC 5.3
 DE JWFCE 25C

UNCLASSIFIED

PARAPHRASE MADE
 BEFORE DECLASSIFIED
 SAJIC
 JM

G. Atia
 3 Atty-2
 H. P. File

FM COMDRAIRDIV 19 CARSWELL AFB TEX
 TO JED/P/COMDRAIR TECH INTEL CTR WRIGHT PATTERSON AFB OHIO
 JEPHC/DIR OF INTEL HQ USAF WASHINGTON 25 DC
 ELW/COMDRAGC INT AFB COLO
 ELW/COMDRA7 8 CARSWELL AFB TEX

FINAL SECTION OF TWO. 701 1377. UFOB.
 ON THE GCA SCOPE GIVING A 1 1/2 INCH SCOPE PRESENTATION
 (BLIP) ON THE 22 MILE SCALE. WHEN TGTS WERE 12 MILES FROM CARSWELL
 THEY SEPARATED AND PICKED UP A SOUTHERLY HEADING. WHEN APPROX 14
 MILES AWAY FROM FIELD ONE OF THE TGTS WHICH WAS TO THE REAR AND
 WEST OF THE LEAD TGT SUDDENLY REVERSED CRSE FLYING 180 DEGREES
 RECIPROCAL HEADING TO THE NORTH WHILE THE LEAD TGT CONTINUED SOUTH.
 SPEED OF EA TGT WAS ESTIMATED AT 220 NM AT 5000 FT ALT. THE TGT WHICH
 REVERSED ITS FLT TRAVELED FOR AN ESTIMATED 2 MILES THEN REVERSED
 ITS HEADING AGAIN TAKING UP A PURSUIT CRSE OF THE LEAD TGT AND WITHIN

PAGE TWO JWFCE 25C

...MATTER OF SECONDS OVERTOOK THE LEAD TGT. BOTH TGTS DEPARTED THE
 CAPABILITY OF THE GCA SET IN FOR ACTION. WERE ROUGHLY 37 MILES SSE OF
 CARSWELL.
 ...OFFICER IF THE STAFF...
 ...LIGHT...
 BY THE...

19. ARE PERSONNEL FAMILIAR WITH THE EFFECTS CAUSED BY AN INTERFERING SIGNAL? YES NO

COMMENTS: _____

20. ARE PERSONNEL FAMILIAR WITH THE EFFECTS OF ANOMALOUS PROPAGATION (DUCTING EFFECTS) AS THEY PERTAIN TO THIS TYPE OF RADAR? YES NO

21. HAS ANOMALOUS PROPAGATION (DUCTING EFFECT) BEEN OBSERVED TO EXTEND THE RANGE OF THE GROUND CLUTTER OF THIS RADAR AT THIS SITE? YES NO

COMMENTS: _____

22. WAS ANOMALOUS PROPAGATION (DUCTING EFFECT) EXTENDING THE RANGE OF THE GROUND CLUTTER AT THE TIME THE TARGET WAS OBSERVED? YES NO

COMMENTS: _____

23. HOW DID THE TARGET APPEAR IN SIZE AND SHAPE AS COMPARED TO CONVENTIONAL AIRCRAFT TARGETS?

LARGER THEN B-36 RETURN

24. PERFORMANCE OF TARGET:

- | | | | |
|--------------------------------------|-------------------------------------|--|--------------------------|
| a. REMAINED CONSISTENT IN SIZE | <input checked="" type="checkbox"/> | CHANGED SIZE RAPIDLY | <input type="checkbox"/> |
| b. SPEED WAS CONSTANT | <input checked="" type="checkbox"/> | SPEED WAS VARIABLE | <input type="checkbox"/> |
| c. FOLLOWED CONSISTENT TRACK | <input type="checkbox"/> | APPEARED, DISAPPEARED, THEN REAPPEARED IN NEW LOCATION | <input type="checkbox"/> |
| d. FUZZY COMPARED TO AIRCRAFT TARGET | <input type="checkbox"/> | SHARP COMPARED TO KNOWN AIRCRAFT TARGET | <input type="checkbox"/> |
| e. SAME AS AIRCRAFT TARGET | <input checked="" type="checkbox"/> | | |

25. WERE OTHER TARGETS (KNOWN) OBSERVED IN THE SAME GENERAL AREA, AT APPROXIMATELY THE SAME TIME AND AT THE SAME ALTITUDE AS THE UNUSUAL TARGET? YES NO

IF SO, DESCRIBE. _____

26. WHAT TYPE INDICATORS ("A" SCOPE, "B" SCOPE, ETC.) WERE USED TO FOLLOW THE TARGET?

PPI

DESCRIBE THE SIGNAL: 1 INCH LONG BY 1/4 INCH WIDE ON 10 MILE SCOPE

27. WHAT WAS THE RADAR SCAN RATE? 20 ± 2 RPM

28. WHAT WAS THE FREQUENCY OF THE TRANSMITTER?

2800 mc

29. DID ANY OF THE OBSERVERS HAVE ANY OPINIONS AS TO THE NATURE OF THE TARGET? YES NO
IF YES, GIVE THEIR NAMES AND OPINIONS BELOW.