DISPOSITION FORM

FILE NO.

SUBJECT

TT Message AISOC 0894

Comdr., 4602D AISS

FROM OIC, Flt 2-B

DATE 5 Oct 56 COMMENT NO. 1

Stein/res/204

- 1. Reference your message AISOC 0894, investigation discontinued.
- Transmitted herewith are ATIC Forms 164 completed by Scaly, N.C.

Incls:

Two (2) ATIC Forms 164

Officer in Charge



4402 d

663RD AIRCRAFT CONTROL AND WARNING SQUADRON LAKE CITY AIR FORCE STATION
Lake City, Tennessee

2 4 SED 1988

IMT

SUBJECT: Letter of transmittal for AF Form 112.

TO:

Commander

Air Defense Command Ent Air Force Base

Colorado Springs, Colorado

The attached report is submitted in accordance with AFR 200-2 dated 12 August 195 l_1 .

1 Incl

RICHARD O. SNOW

2nd Lt.

USAF

Adjutant

AISOC

Long Distance Telephone Call (Outgoing)

Commander 4602d AISS AISOC

26 Sept 56 AISS # 23 J.A.Machycwsky/vva/4542

MEMORANDUM FOR RECORD:

- 1. Long-distance telephone conversation between Capt. Stein, Flight 2B 4602d AISS and Lt. Machyowsky at this Headquarters.
- 2. Lt. Machyowsky informed Captain Stein that this Headquarters desired a limited investigation of UFOB sighting on 14/0600Z, Sept. 56 in Highland, North Carolina.
- 3. The investigation will be conducted by means of a telephonic interview and completion of ATIC Form 164 by the observer.
 - 4. Lt. Machyowsky and Capt. Stein discussed various details of the sighting.
- 5. Lt. Machyowsky stated that a teletype message will be sent to Flight 2B giving all the details of the sighting.
- 6. Capt. Stein stated that Flight 2B would initiate a limited investigation and report the results by teletype message to this Headquarters as soon as possible.

JOSEPH A MACHYOWSKY, 2/LT., USAF Assistant Operations Control Officer UNCLASSIFIED

(SECURITY INFORMATION when filled in) (CLASSIFICATION) (Leave blank) COUNTRY OF ORIGIN REPORT NO. UNITED STATES AIR INTELLIGENCE INFORMATION REPORT AREA REPORT CONCERNS AGENCY OF ORIGIN 663RD AC&W Squadron DATE OF REPORT HIGHLAND, N.C.

HIGHLAND, N.C.

TO 2-B ON 2652P56

PHOS CON LIGHT

TO 2-B ON 2652P56 21 Sept. 1956 Lake City, Tennessee DATE OF INFORMATION SOURCE OF INFORMATION 14 Sept. 1956 Knoxville, Tennessee GOC PREPARING OFFICER EVALUATION Intelligence Officer 663RD AC&W Squadron REFERENCES (Control number, directive, previous report, etc., as applicable)

AFR 200-2

SUBJECT

"UFOB"

SUMMARY (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112a.)

- 1. Description of the object:
 - a. Round
 - b. Size of a grapefruit
 - c. Yellow to deep red
 - d. Total of fourteen
 - Seem to fly in formation, but type of formation not known.
 - Negative
 - Tremendous exhaust unable to estimate size.
 - h. Mone
 - i. Mone
- 2. Description of objects course:
 - a. other people
 - b. Negative
 - c. Negative
 - d. SW to E to NE and returned, swooping up and down.
 - e. Out of sight
 - f. Approx one and one half hours.
- 3. Manner of Observation:
 - a. Ground visual
 - b. Mone
 - c. None
- 4. Time and date of sighting

- a. 111/06007
- b. Might
- 5. Location of Observer: Highland, N. C. F 4802.
- Identifying information of observer.
 - Scaly N. C. Policeman, Ph. Highland 3435

DISTRIBUTION BY ORIGINATOR

Declassification Authority NND 923007 UNCLASSIFIED (SECURITY INFORMATION when filled in) (CLASSIFICATION) (Leave blank) COUNTRY OF ORIGIN AIR INTELLIGENCE INFORMATION REPORT AREA REPORT CONCERNS AGENCY OF ORIGIN DATE OF REPORT DATE OF INFORMATION SOURCE OF INFORMATION PREPARING OFFICER EVALUATION REFERENCES (Control number, directive, previous report, etc., as applicable) SUBJECT 663RD AC&W Squadron, Subject: "UFOB" (CONTINUED SUMMARY (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112a.) b. N/A 7. Weather and winds

- Negative
- b. Negative
- c. Negative
- Negative
- Negative e.
- Negative
- 8. Any other unusual activity: Unknown.
- 9. Interception or identification action taken: None.
- 10. Location of air traffic in the area: None.
- 11. Position title and comments: Intelligence Officer, no comment, possible cause of sighting unknown.
- 12. Negative

	INCL
 	мы

281851 AISCR AISDC LISAI AISAD AISPR EN0008 AISDD RR RJEDEN AISOP DE RJEDFL 8G AISOC R 281645Z AISEC FM OIC FLT 2B 4602D AISS MCGTEE TYSON APRT KNOXVILLE AISIR TO COMDR 4602D AISE ENT AFB COLO SPRINGS COLO AISCM BT AISOU /UNCLASSIFIED/AIS2B 155 PD REF AISOC Ø876 AND TELCON WITH LT JOSEPH AISMS A MACHYOWSKY 26 SEP 56 PD CONTACTED D'S GRYMAN CMM SCALY CMM N C CMM AISUP DESCRIPTION SLIGHTLY CHANGED PD LOCATION ESTIMATED BY OBSVR 50-75 S ISGT & SW PD STATED MANY PEOPLE HAVE SEEN AND ARE SEEING THESE LIGHTS ON O-CLK CLEAR NIGHTS BETWEEN 2200 AND 0400 LOCAL TIME PD GENERAL OPINION DETS FLTS IS THAT THEY ARE HEADLIGHTS PD GRYMAN WOULD NOT STATE HIS OPINION PD FILE INVESTIGATION LED TO FRANKLIN CMM N C CMM TWO ADDITIONAL OBSVRS CONTACTED PD LATER DESCRIPTION DIFFERS IN NUMBER AND TIME PD POSSIBILITY OF TWO DIFFERENT SIGHTINGS PD AM SENDING 164 TO 0 S GRYMAN CMM SCALY CMM N C AND CMM FRANKLIN CMM N C PD TENTATIVE DETERMINATION CLN OPTICAL PHENOMENA OR CAR LIGHTS PD END 28/1710Z R SEPT JREDFL

DE RJEDEN 004P
R 041725Z
FM COMDR 4602ND AISS ENT AFB COLO
TO OIC FLT 2B 4602ND AISS MCGHEE TYSON APRT TENN
BT

/UNCLAS/AISOC 0894 PD REFERENCE YOUR MESSAGE A1528159 PD DISCONTINUE FURTHER INVESTIGATION OF SUBJECT UFOBS AT THIS TIME PD REQUEST YOU FORWARD COMPLETED ATIC FORMS 164 TO THIS HEADQUARTERS AS SOON AS POSSIBLE PD END BT

14/2059Z OCT RJEDEN

```
DE RJEDEN 005P
 R 261800Z
 FM COMDR 4602ND AISS-ENT AFB COLO
 TO OIC FLT 2B 4602ND AISS MCGHEE TYSON AFB KNOXVILLE TENN
 /UNCLAS/AISOC Ø876 PD SUBJECT UFOB
(1) (A) ROUND PD (B) SIZE OF GRAPEFRUIT PD (C) YELLOW TO DEEP RED PD
 (D) TOTAL OF FOURTEEN PD (E) SEEM TO FLY IN FORMATION, BUT TYPE OF
FORMATION NOT KNOW PD (F) NEGATIVE PD (G) TREMENDOUS EXHAUST DASH
UNABLE TO ESTIMATE SIZE PD (M) NONE PD (I) NONE PD
(2) (A) OTHER PEOPLE PD (B) NEGATIVE PD (C) NEGATIVE PD (D) SOUTHWEST
TO EAST TO NORTHEAST AND RETURNED, SWOOPING UP AND DOWN PD (E) OUT OF
SIGHT PD (F) APPROX ONE AND ONE HALF HOURS
(3) (A) GROUND VISUAL PD (B) NONE PD (C) N/A PD
(4) (A) 14/0600Z SEP 56 PD (B) NIGHT PD
(5) HIGHLAND, NORTH CAROLINA, GF 4802 PD
(6) (A) O. S. GRYMAN, SCALY N. C. POLICEMAN, PHONE HIGHLAND 3435 PD
(B) N/A PD
(7) (A) NEGATIVE PD (B) NEGATIVE (B) NEGATIVE (D) NEGATIVE (E) NEGATIVE
(F) NEGATIVE PD
(8) UNKNOWN PD
(9) NONE
(10) NONE
(11) NO COMMENT OF ORGINIATING OFFICER AT 663RD ACWRON, KNOXVILLE
TENN
(12) NONE
PROCEED IN ACCORDANCE WITH INSTRUCTIONS RECEIVED BY TELEPHONE PD END
2611820Z SEP RJEDEN
```

041515E

ENOØØ3 ENBØ95 FLAØ31
RR RJEDEN
DE RJEDFL 38G
R Ø3213ØZ
FM OIC FLT 2B 46Ø2D AISS MCGHEE TYSON APRT TENN
TO COMDR 46Ø2D AISS ENT AFB COLO
BT

ANGLAS/AIS2B 159 PD MSG IN TWO PARTS PD PART ONE REF AISOC Ø876 PD FOLLOW UP MSG AIS2B 155 PD DEFINITELY ESTABLISHED TWO DIFFERENT SIGHTINGS UPON RECEIPT OF 64 PD SIGHTING UR MSG Ø876 PD DESCRIPTION BY O FRAGMENTARY PD ADDS LITTLE TO PRESENT INFORMATION PD RELIABILITY OF SOURCE CANNOT BE PROPERLY EVALUATED DATA THIS SIGHTINL REQUIRES ON THE SPOT INPESTILATION PD SUPPLEMENTARY SOURCES NEGATIVE PD DETERMINATION ON BASIS OF PRESENT DATA CLN OPTICAL PHENOMENA OR CAR LIGHTS PD PART TWO PD SECOND SIGHTING ERRONEOUSLY REPORTED AS 14 SEP 56 CMM FRANKLIN N C PD STURCE COMPLETED 164 PD DESCRIPTION FRAGMENTARY AND VAGUE PD 5 TO 10 SECONDS PD SUPPLEMENTARY DATA NOT SOUGHT PD FEELQ INVESTIGATION NOT WARRANTED PD REQUEST INSTRUCTIONS PD END

OT DE AISS RGR UR ØØ3 undated intracting to fime

01 770

1 / 4 3b 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?	2. Time of day: 5 G.M. Minutes
Day Sept. 1956 Year	(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? Mason Prison Camp Nearest Pastal Address Additional remarks: Luas at the same when a first same	Tranklin M.C. Maccos City or Town State or Country Lieut Dares of the Collablack Lieut.
Estimate how long you saw the object. Hours 5.1 Circle one of the following to indicate how cert	Seconds Minutes Seconds tain you are of your answer to Question 5.
	Not very sure 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 DAYL OHT, TWILIGHT, the object?	, or DAWN, where was the SUN located as you looked at
(Circle One): a. In front of you b. In back of you c. To your right	d. To your lefte. Overheadf. Don't remember

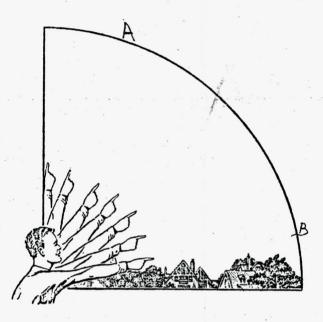
EO IE AL LILA ANICHT T	WILLIAM TO A WAY L.	A 111	L. AL. STARS J. HOOM
8. IF you saw the object at NIGHT, T		-	
8.1 STARS (Circle One):	1	B.2 MOON (Circle One)	:
a. None		a. Bright moon!	ight
b. (A few)		b. Dull moonlig	ht
c. Many		c. (No moonlight	pitch dark
d. Don't remember		d. Don't rememb	
9. Was the object brighter than the bac	kground of the sky?		
(Circle One): a.(Yes	b. No	c. Don't rea	nember
10. IF it was BRIGHTER THAN the sky	y background, was the br	ightness like that of an	automobile headlight?:
(0	ircle One) a. A mile or	more away (a distant c	or)?
	b. Several b		,
	c. A block o	~	
	d. Several y	•	
	e. Other	aras away!	
	e. Officer		
11. Did the object:		(Circle One for ear	•
 a. Appear to stand still at any t b. Suddenly speed up and rush a 		Yes) No Yes) No	Don't Know Don't Know
c. Break up into parts or explod		Yes (No)	Don't Know
d. Give off smoke?		Yes (No)	Don't Know
e. Change brightness?	,	Yes (No)	Don't Know
f. Change shape?	•	Yes (No)	Don't Know
g. Flicker, throb, or pulsate?		Yes (No)	Don't Know
12. Did the object move behind somethin	ng at anytime, particular	y a cloud?	
(Circle One): (Yes)	No Don't Know.	IF you answe	ered YES, then tell what
it moved behind:			
into a	light for	<i>y</i>	
13. Did the object move in front of some	thing at anytime, particu	larly a cloud?	
(Circle One): Yes it moved in front of:	(No) Don't Know.	IF you answe	red YES, than tell what
14. Did the object appear: (Circle One	o): a.(Solid?)	b. Transparent?	c. Don't Know.
15. Did you observe the object through o	and also fallowing		
13. Did you observe the object inrough o	iny of the following:		
a. Eyeglasses Yes	(No) e. Bi	noculars Yes	
a. Eyeglasses Yes b. Sun glasses Yes	(No) e. Bi (No) f. Te	lescope Yes	(No)
a. Eyeglasses Yes	(No) e. Bi (No) f. Te (No) g. Th		(No)

	rages
16.	Tell in a few words the following things about the object.
	a. Sound round like the moon
	b. Color bright yellows) reflected Kindly like the sun
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.
	"it lame from the north West and went across the sky to the north East.
10	The along of the abide and an arrangement of the abide and arrangement of the abide arrang
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 Kindly like the relleatting of the
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.

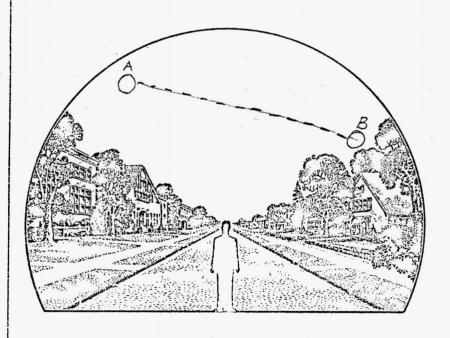
and the second s		Page 4
20. Draw a picture that	will show the master shouth at a	internal and a second
of the noth of "B"	at the and of the motion that the ob	pject or objects made. Place an "A" at the beginning
or me pain, a B	in the end of the path, and snow a	iny changes in direction during the course.
À	and the same of th	management of the second of th
A	the state of the s	
		B
		~
21. IF POSSIBLE, try to	guess or estimate what the real	size of the object was in its longest dimension.
26	feet. 10 in to	O V m
	- 10 m, vs m	yelly mi.
22. How large did the ob	ject or objects appear as compar-	ed with one of the following objects held in the hand
and at about arm's le	ength?	the factor was a second of the factor with the factor
(5) 1 0 1		
(Circle One):	a. Head of a pin	g. Silver dollar
	b. Pea	h. Baseball
	c. Dime	i. Grapofruit
	d. Nickel	j. (Basketball)
	e. Quarter	k. Other
	f. Half dollar	
22.1 (Circle One of the	following to indicate how certai	n you are of your answer to Question 22.
	a. Certain	c. Not very sure
	b. (Fairly certain)	d. Uncertain
23. How did the object of	r objects disappear from view? _	Slowly into the foci.
		(and the second
24		
24. In order that you can gi	ve as clear a picture as possible of	what you saw, we would like for you to imagine that you could
would is bound Donneth	T you saw. Ut what type material wa	ould you make it? How large would it be, and what shape
would it have Descrip	e in your own words a common object	t or objects which when placed up in the sky would give the
same appearance as the		
Ot los	bod libe alle	rution light but much not shinny, just
de lor	rea rise a ca	accord regni pi di
larach	Many to but	not Obigues Aust
range ,	or work with	more partitionally of
1-94	Of Oxa	
Doftin	C. Clarken der	
Frank Contract		•

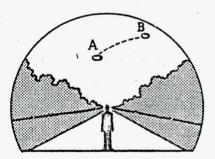
25. Where were you located when you saw the object? _(Circle One):	26. Were you (Circle	One)	
	a. In the busin	ess section of a city?	
a. Insid e a building		ential section of a city?)	
b. In a car	c. In open cou		
c. Outdoors	d. Flying near		
d. In an airplane	e. Flying over		
e. At sea	f. Flying over		
f. Other	g. Other		
27. What were you doing at the time you saw the object, and			
Coming out of the down	of the Pr	son Camp sand Daw	
Little D. 4	- 6 1 . 0 .	4 2 1	
Avereng. I just	Surred 11	Dand Day	
+ 0	≈ χ		
28. IF you were MOVING IN AN AUTOMOBILE or other vehi	icle at the time, then con	nplete 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?			
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 a	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 o	bject? (Circle One)		
a. North c. East	e. South	g. West	
b. (Northeast) d. Southeast	f. Southwest	h. Northwest	1
		The Month west	
31. If you are familiar with bearing terms (angular direction), from true North and also the number of degrees it was up	try to estimate the numb ward from the horizon (el	per of degrees the object was evation).	
31.1 When it first appeared:			
a. From true North 15 degrees. b. From horizon degrees.			
b. I roin norizon degrees.			
31.2 When it disappeared:			
a. From true North 45 degrees. b. From horizon 90 degrees.			1
			- 1
b. From horizon 90 degrees.			

32. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you first saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you last saw it.



33. In the following larger sketch place an "A" at the position the object was when you first saw it, and a "B" at its position when you last saw it. Refer to smaller sketch as an example of how to complete the larger sketch.



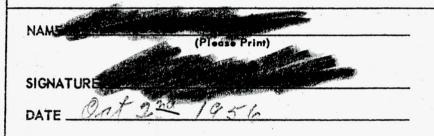


34.	What were the weather conditions at the time you	saw the object?
	34.1 CLOUDS (Circle One)	34.2 WIND (Circle One)
	a.(Clear sky)	a. No wind
	b. Hazy	b. (Slight breeze)
	c. Scattered clouds	c. Strong wind
	d. Thick or heavy clouds	d. Don't remember
	e. Don't remember	a. Boil Fromoniso
	34.3 WEATHER (Circle One)	34.4 TEMPERATURE (Circle One)
	a.(Dry)	a. Cold
	b. Fog, mist, or light rain	b. (Cool)
	c. Moderate or heavy rain	c. Warm
	d. Snow	. A war of d. Hotel and a contract of the first section of the first sec
	e. Don't remember	e. Don't remember
35.	When did you report to some official that you had s 23 No Sept. 193 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	it too?
	(Circle One) (Yes) No	
'	36.2 Please list their names and addresses:	
	Franklin)	
	n.c.	
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?
		•
30	In the state of th	-dl. a a a 22
	In your opinion what do you think the object was a	na what inight have caused it:
	A Don't no.	
	, b (

39. Do you think you ca	n estimate the speed of the o	bject?		**
(Circle One	e) (Yes) No			
	S, then what speed would you	estimate?		o.h.
	n estimate how far away from			
		you me object much		
) Yes No		1000 feet.	
IF you answered YE	S, then how far away would y	you say it was?	7 - 1001.	
41. Please give the foll	owing information about your:	self:	and the second s	
NAME	Las Name	First-Name	Middl	e Name
		7 12 80	Zone	nc.
ADDRESS	Street	- Illist City	Zone	State
	Silver			
TELEPHONE NUM	BER			*.
	BER Prise	and Guas	1	S. P. J.
What is your presen	it job?	A SAME	Service Security	
Am 34	Sex male			
Age	2 .			
Please indicate any	y special educational training	g that you have had.		
	8/20		I	
	01			-
c. College			ining	
	ite			The state of the s
42. Date you completed	this questionnaire:		<u> 10</u>	56 Year
42. Date you completed	yes	Day	Month	1 Bui

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.



(Do Not Write in This Space)
CODE:

as I came out of the Cell block and saw this object round like the moon and moving slowely across the sky. I said to mry "I don't know," and is that and he said "I don't know," and he and I watched it till it disappeared into the fog.

notice

Inregard to the letter & got from
you Stating, you get the Call that
you Stating, you get the Call that
I saw this Object the 14th of Sept.
It was the 22nd of Sept. instead.
It was the 22nd of Sept. instead.
If the 14th mr

your's Truly

UFO OBSERVERS INSTRUCTION SHEET (Sky Diagram)

1. GENERAL:

- a. The diagram represents all of the sky normally visible to the observer, who is pictured standing under the center of the "dome" of the sky. It is designed to show a three-dimensional view of the area centered around the observer at the time of the UFC sighting.
- b. The position of any object in the sky can be described by giving its elevation, or angle upward from the horizon, and its bearing or angle along the horizon, eastward from north.

(1) Illustrations:

- (a) Elevation is 0 degrees for an object on the horizon, and 90 degrees for the point directly over the observer (zenith). Thus, an object half-way up from the horizon to the zenith has an elevation of 45 degrees.
- (b) Bearing (or "azimuth") is the angle along the horizon, starting from north and moving clockwise eastward. Thus, an object directly toward the east, no matter what its elevation is above the horizon, has a bearing of 90 degrees, an object in the south has a bearing of 180 degrees; toward the west, 270 degrees and so on. North is, of course, zero.

EXAMPLE: An object is seen in the northeast and one-third way up from horizon to overhead. Thus, the object has a bearing of 45 degrees, and elevation of 30 degrees. Similarly, an object having a bearing of 180 degrees and an elevation of 60 degrees would be seen directly south and two-thirds of the way up from the horizon.

2. PLOTTING THE COURSE OF AN OBJECT ON THE SKY DIAGRAM:

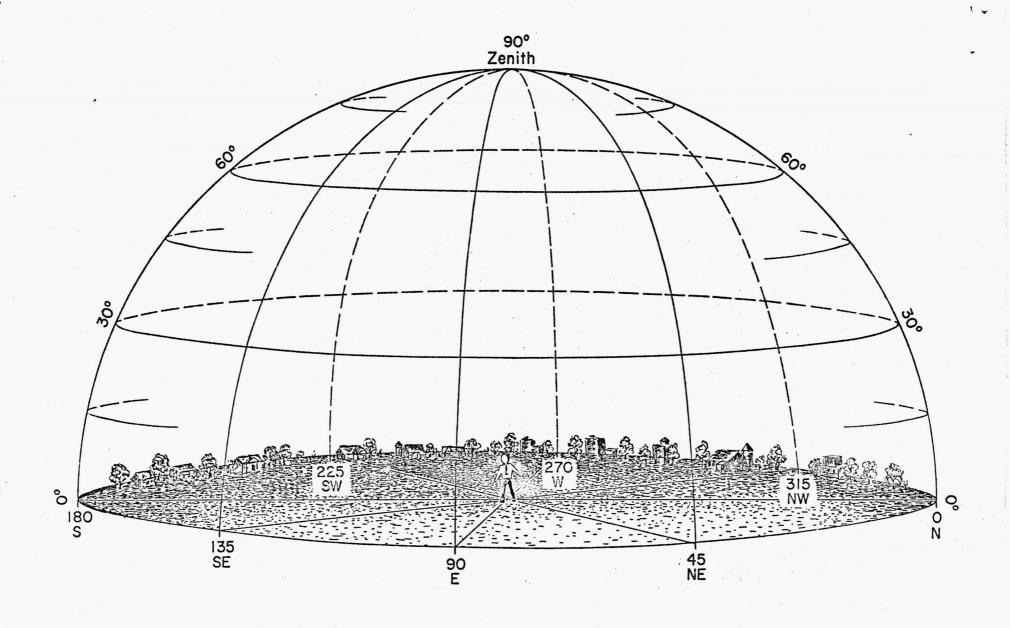
- a. The path of an object across the sky can be shown completely on this diagram simply by connecting with a curved or straight line the various positions the object successively occupies (see example sheet). To aid visualization, the path on the western side of the sky is represented by broken lines; the eastern side in solid lines. Direction of the object is indicated by arrows. The duration of the sighting can be shown by indicating the time at the position, where the object was <u>first</u> and <u>last</u> observed. Where possible, the time at various intermediate positions occupied by the object should also be shown.
- b. The diagram can be made a more effective investigative and analytical tool by making the lines (showing the path of the object) thicker or thinner to indicate any varying brightness of the object observed. This is especially valuable when the object appeared only as a moving light at night. Thus, if a light becomes brighter and then gradually fades, it can be represented by a line becoming increasingly thicker and then gradually thinning out to nothing.
- c. Use of colored pencils is especially recommended if the object changes color or hue during the sighting.

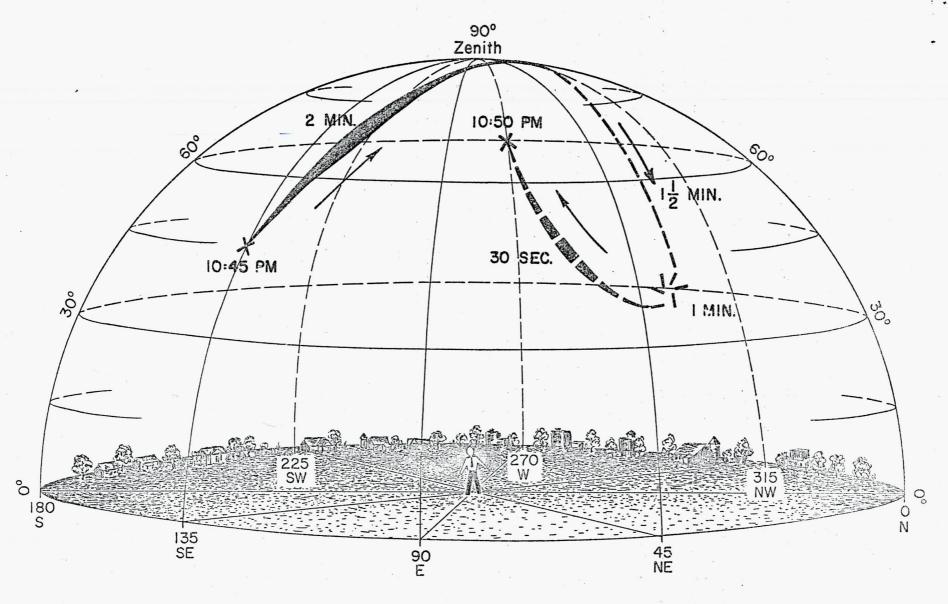
3. EXAMPLE OF DIAGRAM USE:

- a. Verbal Description of Example Sighting: Object was first sighted in the southeast, about half-way up from the horizon to overhead, at 10:45 FM local time. Its shape or outline was hazy, but appeared round and about the size of a pea (at arm's length) from where observed. It was dim at first but brightened considerably as it got higher in the sky. Its color at this point was bluish white. After about two minutes it crossed to the western part of the sky a little to the north of overhead (zenith) and continued its flight toward the west. At this point its color appeared yellowish white. The light went dim when it got two-thirds of the way to the horizon. It then stopped and hovered for about one minute and then climbed rapidly, going toward the southwest and getting brighter. In less than thirty seconds, it had climbed to an elevation of approximately 60 degrees, and then the light went out abruptly.
- b. Pictorial Description of the Sighting: By referring to the example sheet, notice how simply the above sighting can be portrayed and described, without words, on the example diagram attached here. Note the starting point at bearing 135 degrees (southeast) and elevation 45 degrees (half-way up from the horizon) at 10:45 FM (military time, 2245), and the arrow marking direction of flight. Note also the varying thickness of the line to denote changes in brightness, and the use of the dotted line to indicate its path in the western part of the sky. The "time indications" along the path 2 minutes to get to the meridian (the north-south overhead line), the hovering for 1 minute, and the ascent in 30 seconds to its complete disappearance, are all shown with a few lines. Thus, the entire sighting can be represented easily on one diagram.

4. FURTHER INSTRUCTIONS AND INFORMATION:

- a. Relatively complex trajectories can easily be shown on a diagram of this type. A number of objects sighted can also be indicated, as can any changing formation. The apparent size and shape of the object should be drawn in, preferably by the observer. In the case of an object changing shape or color, this likewise can be drawn in. As previously pointed out, the use of colored pencils to indicate change of color is very desirable.
- b. The landscaping in the sky diagram is placed there to help visualization. If any prominent landmarks such as known mountains, buildings, water towers, or specific installations, trees, etc., are part of the sighting area, they should be incorporated into the drawing. These landmarks may later prove to be invaluable as location, plotting or reference points.
- c. If you are familiar with the constellations or other heavenly bodies, indicate if possible, the relationship (and movements) of the object with respect to these bodies. This can be sketched on either page 6, item 33 or pages 9-10 of "Summary Data" sheet. Typical examples that can be easily illustrated: "...The object seemed to pass very slowly between the two bottom stars on the handle of the Big Dipper, which was in a vertical position, with the handle pointing down." or "...Object was about the size of a tennis ball -- and remained slightly below and about 15 degrees to the left of the moon."





(EXAMPLE SHEET)

, •	PA	of car light	ght on Da	•				
27 10	This ques information as p Please try to an be used for rese	tionnaire has been possible concerning swer as many questiarch purposes, and w	prepared so the the unidentified ons as you po- vill be regarded	at you can give od aerial phenom ssibly can. The d as confidential	the U.S. A enon that y information material.	Air Force ou have o that you 'our name	bserved. give will will not	
		ection with any state personal information		is deemed nece	ssary, we m	ay contac		
1. W	hen did you see the		v .	2. Time of d	ay:/	r	30 Minutes	
	Day	Sept 19 Month You	56 ar	(Circle	One):	A.M.	or P.M.	
3. T	ime zone: (Circle	One): a. Eastern b. Central c. Mountain& d. Pacific e. Other		(Circle	o One): a. b.	Daylight Standard,	_	,
		n you saw the object)? 	Lighland City or Town	12 12	Noco State	or Country	11. L.
5 E	stimate how long y	ou saw the chiest		20				
J. L	stimule now long y	oo saw me objecti	Hours	Minutes	Second	5		
		the following to indi		in you are of you	ur answer to	Question	5.	
		airly certain		ust a guess				
6. W	hat was the condit	ion of the sky?			19 4 E			endereda granda altre anno esta esta esta esta esta esta esta esta
		Bright daylight Dull daylight Bright twilight		d. Just a tra e. No trace f. Don't rem	of daylight			
	you saw the object of the object?	ct during DAYLIGHT	T, TWILIGHT,	or DAWN, where	was the SUI	N located	as you loo	ked at
		In front of you In back of you To your right		d. To your le e. Overhead f. Don't reme				

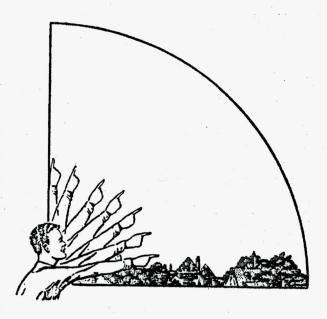
8. IF you saw the object at NIGHT, TWILIGHT,	, or DAWN, what did	you notice concerning	g the STARS and MOON?
8.1 STARS (Circle One):	8.2	MOON (Circle One):	
a. None		a. Bright moonlig	nt ·
b. A few 2		b. Dull moonlight,	
c. Many		c. No moonlight -	
d. Don't remember		d. Don't remember	•
9. Was the object brighter than the background of	of the sky?		
(Circle One): a. Yes	b. No	c. Don't reme	mber
10. IF it was BRIGHTER THAN the sky backgrou	and, was the brightn	ess like that of an au	tomobile headlight?:
(Circle One) a. A mile or more	away (a distant car)	?
	b. Several blocks		
	c. A block away?		
	d. Several yards		
	e. Other	Lew miles	<u>2</u>
11. Did the object:		(Circle One for each	question)
a. Appear to stand still at any time?	Y03	No	Don't Know
b. Suddenly speed up and rush away at an	- 1	No	Don't Know
c. Break up into parts or explode?d. Give off smoke?	Yes	No.	Don't Know
e. Change brightness?	Yes	€	Don't Know
f. Change shape?	Yes	No No	Don't Know Don't Know
g. Flicker, throb, or pulsate?	Yes	No	Don't Know
12. Did the object move behind something at anyti	ma particularly a a		
(Circle One): Yes No	Don't Know.		I Vee dead of
it moved behind:	Don't Know.	ir you answere	d YES, then tell what
it looped like	it wie	+ Behing	a mainton
13. Did the object move in front of something at a	nytime, particularly	a cloud?	
(Circle One): Yes No	Don't Know.	IF you answere	YES, than tell what
it moved in front of:			-
Muld not	Penow	TO DESCRIPTION OF THE PARTY OF	•
14. Did the object appear: (Circle One):	s. Solid?	b. Transparent?	c. Don't Know.
15. Did you observe the object through any of the	following?		
a. Eyeglasses Yes No -	e. Binocul	ars Yes	No
b. Sun glasses Yes No	f. Telesco		No Z
c. Windshield Yes No V			No ¿
d. Window glass Yes No ∠	h. Other_	was an	the grown
			ŕ

			a abasa aba abia				
16. Tell in a	few words th	e following thing	elgo eur moons si	ct.		•	
a. Sound		hure 2	un 7	so sar	not the	at I law	th
The second second				r gilla			
of the obj	ect that you	saw such as wing	gs, protrusions,	r objects. Label aretc., and especially object was moving.			
					<i>U</i>		
18. The edges	le One): a. b. c.	Fuzzy or blurred Like a bright sta Sharply outlined	<i>y</i> / <i>v</i>	e. Other	ling look	ing Sov	
(Circi	de One): a. b. c. d.	Fuzzy or blurred Like a bright sta Sharply outlined Don't remember HAN ONE object,	then how many	e. Other were there? rrow to show the dis	rection that they w		- - -
(Circle) 19. IF there w Draw a pic	de One): a. b. c. d. as MORE That the true of how	Fuzzy or blurred Like a bright sta Sharply outlined Don't remember HAN ONE object, they were arrange	then how many	e. Other were there? rrow to show the di			

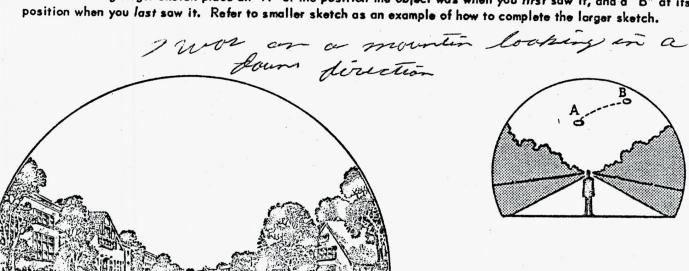
	it the e <mark>nd of the path, a</mark> nd show any c		
1. IF POSSIBLE, try t	o guess or estimate what the real size	of the object was in its longest dimension	n.
	feet. I last not	Sax	
			, ,
		vith one of the following objects held in th	e hand
and at about arm's	length?		
(Circle One):	a. Head of a pin	g. Silver dollar	
(Circle One):	b. Pea	h. Baseball	
•			
	a Dima	i Grapeiruit	
	c. Dime	i. Grapefruit	
	d. Nickel	j. Basketball	
22.1 (Circle One of th	d. Nickel e. Quarter f. Half dollar	j. Basketball k. Other and larger	
22.1 (Circle One of th	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain y	j. Basketball k. Other and larges ou are of your answer to Question 22.	
22.1 (Circle One of th	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain y	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure	
22.1 (Circle One of th	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain y	j. Basketball k. Other and larges ou are of your answer to Question 22.	
	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain you a. Certain b. Fairly certain	i. Basketball k. Other and larges ou are of your answer to Question 22. c. Not very sure d. Uncertain	T
	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain you a. Certain b. Fairly certain	i. Basketball k. Other and larges ou are of your answer to Question 22. c. Not very sure d. Uncertain	v
	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain you a. Certain b. Fairly certain	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure	T_
	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain you a. Certain b. Fairly certain	i. Basketball k. Other and larges ou are of your answer to Question 22. c. Not very sure d. Uncertain	v
3. How did the object According	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Some of them multiples	
How did the object	d. Nickel e. Quarter f. Half dollar ne following to indicate how certain y a. Certain b. Fairly certain or objects disappear from view? The action	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acoust of them well at you saw, we would like for you to imagine the	ał you cou
How did the object Accum In order that you can	d. Nickel e. Quarter f. Half dollar se following to indicate how certain year. Certain b. Fairly certain or objects disappear from view? The action give as clear a picture as possible of whether you saw. Of what type material would	i. Basketball k. Other And Longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acros of Them well at you saw, we would like for you to imagine the dryou make it? How large would it be, and wha	at you cou t shape
How did the object Accum In order that you can	d. Nickel e. Quarter f. Half dollar se following to indicate how certain year. Certain b. Fairly certain or objects disappear from view? The action give as clear a picture as possible of whether you saw. Of what type material would	i. Basketball k. Other And Longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acros of Them well at you saw, we would like for you to imagine the dryou make it? How large would it be, and wha	at you cou t shape
I. In order that you can construct the object t would it have? Description	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action of the common object of what you saw. Of what type material would be in your own words a common object of the common object of th	i. Basketball k. Other answer to Question 22. c. Not very sure d. Uncertain Acros of them well at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would	at you cou t shape Id give the
I. In order that you can construct the object t would it have? Description	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action of the common object of what you saw. Of what type material would be in your own words a common object of the common object of th	i. Basketball k. Other answer to Question 22. c. Not very sure d. Uncertain Acros of them well at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would	at you cou t shape Id give the
I. In order that you can construct the object t would it have? Description	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action of the common object of what you saw. Of what type material would be in your own words a common object of the common object of th	i. Basketball k. Other answer to Question 22. c. Not very sure d. Uncertain Acros of them well at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would	at you cou t shape Id give the
4. In order that you can construct the object t would it have? Description	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action of the common object of what you saw. Of what type material would be in your own words a common object of the common object of th	i. Basketball k. Other answer to Question 22. c. Not very sure d. Uncertain Acros of them well at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would	at you cou t shape Id give the
4. In order that you can construct the object t	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action of the common object of what you saw. Of what type material would be in your own words a common object of the common object of th	i. Basketball k. Other And Longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acros of Them well at you saw, we would like for you to imagine the dryou make it? How large would it be, and wha	at you cou t shape Id give the
4. In order that you can construct the object t would it have? Describe same appearance as the same appearance as	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action give as clear a picture as possible of what you saw. Of what type material would the object which you saw. Mather actions and actions are actions and actions are actions and actions are actions and actions and actions are actions and actions and actions are actions as a complete actions and actions are actions and actions are actions as a complete actions and actions are actions as a complete action actions and actions are actions as a complete action actions actions are actions as a complete action action actions are actions as a complete action actions actions are actions as a complete action actions a	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acoust of Them multiple at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would Alike and A	at you cou t shape Id give the
4. In order that you can construct the object t would it have? Describe same appearance as the same appearance as	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action give as clear a picture as possible of what you saw. Of what type material would the object which you saw. Mather actions and actions are actions and actions are actions and actions are actions and actions and actions are actions and actions and actions are actions as a complete actions and actions are actions and actions are actions as a complete actions and actions are actions as a complete action actions and actions are actions as a complete action actions actions are actions as a complete action action actions are actions as a complete action actions actions are actions as a complete action actions a	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acoust of Them multiple at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would Alike and A	at you cou t shape Id give the
4. In order that you can construct the object t would it have? Describe same appearance as the same appearance as	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action give as clear a picture as possible of what you saw. Of what type material would the object which you saw. Mather actions and actions are actions and actions are actions and actions are actions and actions and actions are actions and actions and actions are actions as a complete actions and actions are actions and actions are actions as a complete actions and actions are actions as a complete action actions and actions are actions as a complete action actions actions are actions as a complete action action actions are actions as a complete action actions actions are actions as a complete action actions a	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acoust of Them multiple at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would Alike and A	at you cou t shape Id give the
4. In order that you can construct the object t would it have? Describe same appearance as the same appearance as	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action of the common object of what you saw. Of what type material would be in your own words a common object of the common object of th	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acoust of Them multiple at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would Alike and A	at you cou t shape Id give the
In order that you can construct the object t would it have? Descisame appearance as the state of the construct the construct the object to would be some appearance as the construct the construction of the c	d. Nickel e. Quarter f. Half dollar de following to indicate how certain year. a. Certain b. Fairly certain or objects disappear from view? The action give as clear a picture as possible of what you saw. Of what type material would the object which you saw. Mather actions and actions are actions and actions are actions and actions are actions and actions and actions are actions and actions and actions are actions as a complete actions and actions are actions and actions are actions as a complete actions and actions are actions as a complete action actions and actions are actions as a complete action actions actions are actions as a complete action action actions are actions as a complete action actions actions are actions as a complete action actions a	i. Basketball k. Other and longer ou are of your answer to Question 22. c. Not very sure d. Uncertain Acoust of Them multiple at you saw, we would like for you to imagine the d you make it? How large would it be, and what or objects which when placed up in the sky would Alike and A	at you cou t shape Id give the

-		T	
25	. Where were you located when you saw the object? (Circle One):	26. Were you (Circle	One)
		a. In the busine	ess section of a city?
	a. Inside a building		ential section of a city?
	b. In a car	c. In open cour	
	c. Outdoors	d. Flying near	•
	d. In an airplane	e. Flying over	
	e. At sea	f. Flying over	
	f. Other	g. Other	•
27.	What were you doing at the time you saw the object, and	how did you happen to n	notice it?
		•	
	The were sun be	she tome	To Tour
	and Told me about	Then as	of Meanter
	The to go and look	at them	I went with
28.	IF you were MOVING IN AN AUTOMOBILE or other veh	icle at the time, then con	nplete 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 N	•	
29.	What direction were you looking when you first saw the a	(Circle One)	
			 L
	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 o	bject? (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), from true North and also the number of degrees it was up		
	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.		
	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

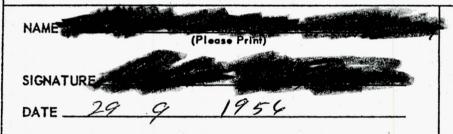


34. Wh	at were the weather conditions at the time you saw th	e object?
34.	1 CLOUDS (Circle One)	34.2 WIND (Circle One)
	a. Clear sky	a. No wind
	b. Hazy	b. Slight breeze
	c. Scattered clouds	c. Strong wind
	d. Thick or heavy clouds	d. Don't remember
	e. Don't remember	
34.	3 WEATHER (Circle One)	34.4 TEMPERATURE (Circle One)
	a. Dry	a. Cold
	b. Fog, mist, or light rain	b. Cool
	c. Moderate or heavy rain	c. Warm
	d. Snow	d. Hot
	e. Don't remember	e. Don't remember
35. Whe	Day Month Year	the boy that showed then to me Reported
36. Was	s anyone else with you at the time you saw the object	21/4/2/
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		7000
	(Circle One) Yes No	yes the were people with me they sou
36.	1 IF you answered YES, did they see the object too?	The median
	(Circle One) Yes No	ween me ing som
36.	2 Please list their names and addresses:	The some
	* · ·	and the second s
37. Was	this the first time that you had seen an object or obj	ects like this?
	(Circle One) Yes No	
37.	1 iF you answered NO, then when, where, and under	what circumstances did you see other ones?
		1
		•
a. In v	our opinion what do you think the object was and who	it might have caused it?
71.0	I it looled be lars	and marken runs
ar.	it lould have been	- Kadia Torwers
•		
	i	

9. Do you think you can estimate the speed of the o	object?
(Circle One) Yes (No)	
IF you answered YES, then what speed would yo	ou estimate?m.p.h.
Ir you answered 1E3, men wild speed wood yo	
Do you think you can estimate how far away from	n you the object was?
(Circle One) (Yes No	Twould say 30 00 40 mil
IF you answered YES, then how far away would	
II you diswated 125, months to the property	
1. Please give the following information about your	rself:
NAME Last Name	Pirst Name Milette Name
	0, n
ADDRESS	Scale Zone State
Street	City
TELEPHONE NUMBER	
What is your present job? Baliel	
What is your present job? Baliel	
What is your present job? Sex : Male	
What is your present job? Sex : Male	
What is your present job? Age 12 Sex : Male Please indicate any special educational training	
Please indicate any special educational training	ng that you have had.
Please indicate any special educational training	e. e. Technical school
Please indicate any special educational training a. Grade school	e. e. Technical school
Please indicate any special educational training	e. e. Technical school
Please indicate any special educational training a. Grade school b. High school c. College	e. e. Technical school
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training four inforcement Chapit Hill M. C. 29 9 19 19 15
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by
Please indicate any special educational training a. Grade school b. High school c. College	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by
Please indicate any special educational training a. Grade school b. High school c. College d. Post graduate	e. e. Technical school (Type) f. Other special training fair inforced Ment happing the model 29 19 by

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.



(Do Not Write in This Space)
CODE:

UFO OBSERVERS INSTRUCTION SHEET (Sky Diagram)

1. GENERAL:

- a. The diagram represents all of the sky normally visible to the observer, who is pictured standing under the center of the "dome" of the sky. It is designed to show a three-dimensional view of the area centered around the observer at the time of the UFC sighting.
- b. The position of any object in the sky can be described by giving its elevation, or angle upward from the horizon, and its bearing or angle along the horizon, eastward from north.

(1) Illustrations:

- (a) Elevation is 0 degrees for an object on the horizon, and 90 degrees for the point directly over the observer (zenith). Thus, an object half-way up from the horizon to the zenith has an elevation of 45 degrees.
- (b) Bearing (or "azimuth") is the angle along the horizon, starting from north and moving clockwise eastward. Thus, an object directly toward the east, no matter what its elevation is above the horizon, has a bearing of 90 degrees, an object in the south has a bearing of 180 degrees; toward the west, 270 degrees and so on. North is, of course, zero.

EXAMPLE: An object is seen in the northeast and one-third way up from horizon to overhead. Thus, the object has a bearing of 45 degrees, and elevation of 30 degrees. Similarly, an object having a bearing of 180 degrees and an elevation of 60 degrees would be seen directly south and two-thirds of the way up from the horizon.

2. PLOTTING THE COURSE OF AN OBJECT ON THE SKY DIAGRAM:

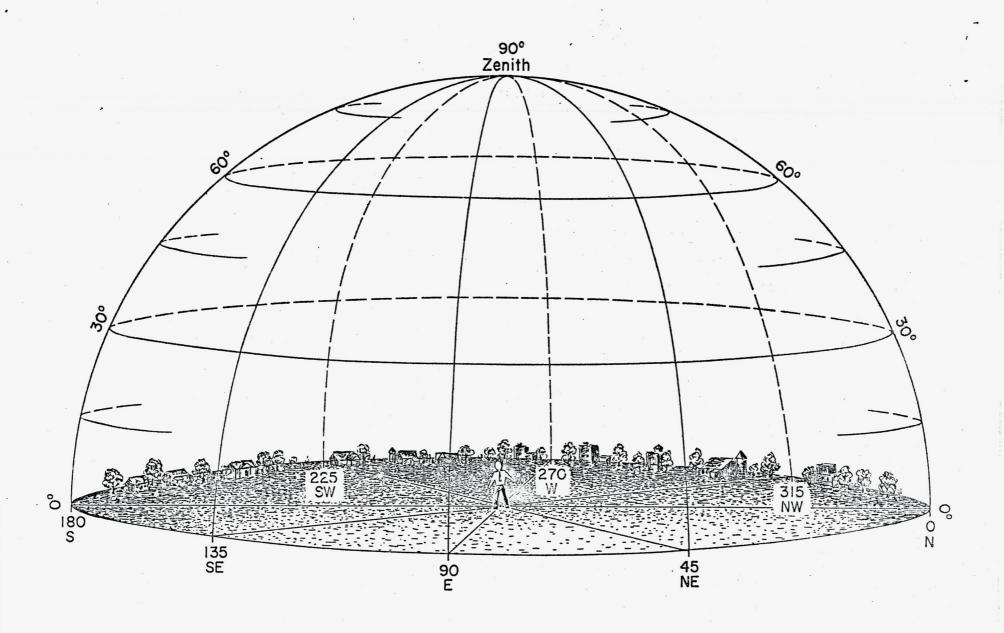
- a. The path of an object across the sky can be shown completely on this diagram simply by connecting with a curved or straight line the various positions the object successively occupies (see example sheet). To aid visualization, the path on the western side of the sky is represented by broken lines; the eastern side in solid lines. Direction of the object is indicated by arrows. The duration of the sighting can be shown by indicating the time at the position, where the object was first and last observed. Where possible, the time at various intermediate positions occupied by the object should also be shown.
- b. The diagram can be made a more effective investigative and analytical tool by making the lines (showing the path of the object) thicker or thinner to indicate any varying brightness of the object observed. This is especially valuable when the object appeared only as a moving light at night. Thus, if a light becomes brighter and then gradually fades, it can be represented by a line becoming increasingly thicker and then gradually thinning out to nothing.
- c. Use of colored pencils is especially recommended if the object changes color or hue during the sighting.

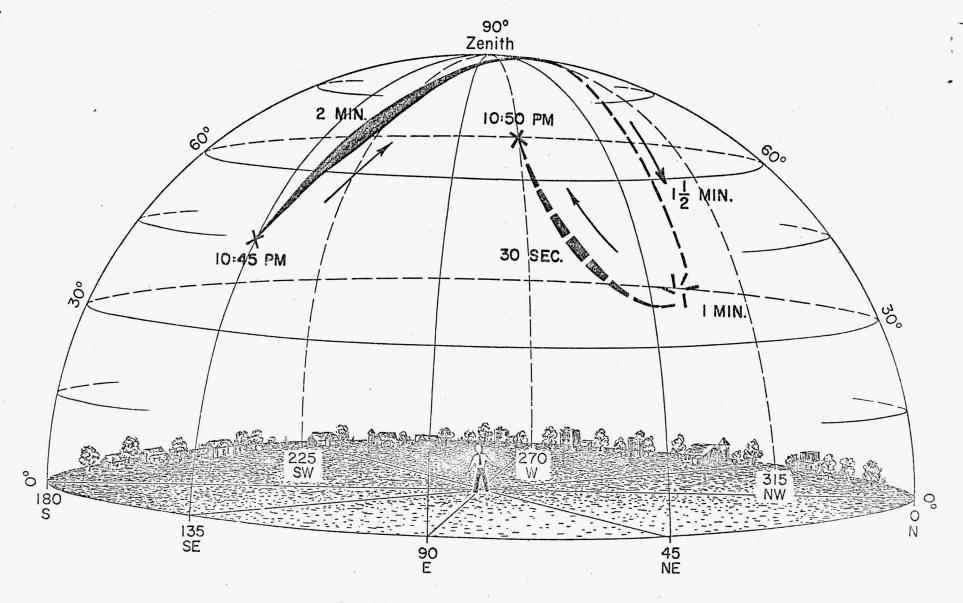
3. EXAMPLE OF DIAGRAM USE:

- a. Verbal Description of Example Sighting: Object was first sighted in the southeast, about half-way up from the horizon to overhead, at 10:45 FM local time. Its shape or outline was hazy, but appeared round and about the size of a pea (at arm's length) from where observed. It was dim at first but brightened considerably as it got higher in the sky. Its color at this point was bluish white. After about two minutes it crossed to the western part of the sky a little to the north of overhead (zenith) and continued its flight toward the west. At this point its color appeared yellowish white. The light went dim when it got two-thirds of the way to the horizon. It then stopped and hovered for about one minute and then climbed rapidly, going toward the southwest and getting brighter. In less than thirty seconds, it had climbed to an elevation of approximately 60 degrees, and then the light went out abruptly.
- b. Pictorial Description of the Sighting: By referring to the example sheet, notice how simply the above sighting can be portrayed and described, without words, on the example diagram attached here. Note the starting point at bearing 135 degrees (southeast) and elevation 45 degrees (half-way up from the horizon) at 10:45 FM (military time, 2245), and the arrow marking direction of flight. Note also the varying thickness of the line to denote changes in brightness, and the use of the dotted line to indicate its path in the western part of the sky. The "time indications" along the path 2 minutes to get to the meridian (the north-south overhead line), the hovering for 1 minute, and the ascent in 30 seconds to its complete disappearance, are all shown with a few lines. Thus, the entire sighting can be represented easily on one diagram.

4. FURTHER INSTRUCTIONS AND INFORMATION:

- a. Relatively complex trajectories can easily be shown on a diagram of this type. A number of objects sighted can also be indicated, as can any changing formation. The apparent size and shape of the object should be drawn in, preferably by the observer. In the case of an object changing shape or color, this likewise can be drawn in. As previously pointed out, the use of colored pencils to indicate change of color is very desirable.
- b. The landscaping in the sky diagram is placed there to help visualization. If any prominent landmarks such as known mountains, buildings, water towers, or specific installations, trees, etc., are part of the sighting area, they should be incorporated into the drawing. These landmarks may later prove to be invaluable as location, plotting or reference points.
- c. If you are familiar with the constellations or other heavenly bodies, indicate if possible, the relationship (and movements) of the object with respect to these bodies. This can be sketched on either page 6, item 33 or pages 9-10 of "Summary Data" sheet. Typical examples that can be easily illustrated: "...The object seemed to pass very slowly between the two bottom stars on the handle of the Big Dipper, which was in a vertical position, with the handle pointing down," or "...Object was about the size of a tennis ball -- and remained slightly below and about 15 degrees to the left of the moon."





(EXAMPLE SHEET)