1. DATE - TIME GROUP	2. LOCATION
1 February 65 02/0041Z	Jacksonville, Florida
3. SOURCE Civilian (Tower Operator)	**10. CONCLUSION** SATELLITE Experienced Tower Operator. Thought to be Satellite. Not ECHO I or II. Case regarded as the observation of one of the other visible Satellites.
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION 60 ~~XXX~~ Seconds	**11. BRIEF SUMMARY AND ANALYSIS** Object appearing as a light about the same as a star. White color. No shape or details noted. Observed in North disappearing in NE. Flight to south or southeast. Thought to be a Satellite by observer.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE SE	
8. PHOTOS ☐ Yes ~~XX~~ No	
9. PHYSICAL EVIDENCE ☐ Yes ~~XX~~ No	

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

30. Have you ever seen this, or a similar object before. If so give date or dates and location.
Yes. Several times but dates are not available. Many times these sightings were coincidental with Newspaper notices of unidentified sightings.

31. Was anyone else with you at the time you saw the object? (Circle One) (Yes) No

31.1 IF you answered YES, did they see the object too? (Circle One) (Yes) No

31.2 Please list their names and addresses:

[redacted] Jacksonville, Fla
[redacted] Jacksonville, Fla.

32. Please give the following information about yourself:

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

ADDRESS [redacted] (Street) JACKSONVILLE (City) 8 (Zone) FLORIDA (State)

TELEPHONE NUMBER [redacted] AGE 33 SEX M

Indicate any additional information about yourself, including any special experience, which might be pertinent.
Air Traffic Controller

33. When and to whom did you report that you had seen the object?
1 (Day) 2 (Month) 1965 (Year) Jacksonville Air Route Traffic Control Center.

34. Date you completed this questionnaire: 5 (Day) 3 (Month) 1965 (Year)

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

NONE

3	27.5	87.66	80.0	26.2	-50.86	763	57.5°	29.4	-115.17	750	122.5°
5	16.1	114.93	70.0	22.2	-18.52	776	24.3	33.3	-147.52	733	155.7°
7	4.6	142.20	50.0	15.7	-6.26	789	10.9	39.7	-159.83	704	169.0°
8	58.1	169.47	40.0	12.5	-4.02	792	8.3	42.7	-162.10	690	171.7°
10	41.7	196.74	30.0	9.4	-2.57	795	6.6	45.7	-163.59	678	173.3°
12	30.2	224.01	20.0	6.2	-1.54	792	5.6	48.7	-164.66	667	174.3
14	18.8	251.29	0.	0.	0.	785	4.8	54.6	-166.28	653	175.1
16	7.3	278.56	-20.0	-6.2	1.54	774	5.6	-48.0	164.84	690	174.3
17	59.8	305.83	-30.0	-9.3	2.58	766	6.6°	-45.0	163.76	652	173.3
19	44.4	333.10	-40.0	-12.4	4.04	758	8.3°	-42.1	162.27	658	171.6
21	32.9	0.37	-50.0	-15.5	6.30	748	10.9°	-39.1	159.98	665	169.0
23	21.4	27.64	-70.0	-21.9	18.59	726	24.3°	-32.8	147.65	685	155.7
			-80.0	-25.8	50.95	712	57.5°	-29.0	115.27	700	122.5°
			-81.5	-27.4	83.07	706	90.0°	-27.4	83.15	706	90.0°

FEBRUARY 2, 1965

1	10.0	54.91	81.5	27.8	-82.98	755	90.0°	27.8	-83.05	755	90.0°
2	58.5	82.18	80.0	26.2	-50.86	761	57.5°	29.4	-115.17	748	122.5°
4	47.0	109.45	70.0	22.2	-18.52	774	24.3	33.3	-147.52	730	155.7°
6	35.6	136.72	50.0	15.7	-6.26	788	10.9	39.7	-159.83	700	169.0°
8	24.1	163.99	40.0	12.5	-4.02	792	8.3	42.7	-162.11	687	171.6°
10	12.7	191.26	30.0	9.4	-2.57	795	6.6	45.7	-163.59	674	173.3°
12	1.2	218.54	20.0	6.2	-1.54	797	5.6	48.7	-164.67	664	174.3
13	49.7	245.81	0.	0.	0.	798	4.8	54.6	-166.29	651	175.1
15	38.3	273.08	-20.0	-6.2	1.54	777	5.6	-48.0	164.83	648	174.3
17	26.8	300.35	-30.0	-9.3	2.58	769	6.6°	-45.1	163.75	652	173.3
19	15.3	327.62	-40.0	-12.4	4.04	761	8.3°	-42.1	162.26	657	171.6
21	3.8	354.89	-50.8	-15.6	6.29	752	10.9°	-39.1	159.97	665	169.0
22	52.4	22.16	-70.8	-22.0	18.58	729	24.3°	-32.9	147.64	687	155.7
			-80.9	-29.9	50.94	714	57.5°	-29.1	115.28	702	122.5°
			-81.5	-27.4	83.07	708	90.0°	-27.5	83.14	708	90.0°

SATELLITE 1960 IOTA 1
FOR OTHER LATITUDES

EQUATOR S-N TIME (UT)	EQUATOR S-N LONG. (W)	LAT.	SOUTH-NORTH TIME CORR.	SOUTH-NORTH LONG. CORR.	SOUTH-NORTH HT. (MI)	SOUTH-NORTH BEAR. (N-E)	NORTH-SOUTH TIME CORR.	NORTH-SOUTH LONG. CORR.	NORTH-SOUTH HT. (MI)	NORTH-SOUTH BEAR. (N-E)
				JANUARY 31, 1965						
0 37.1	159.89	47.4	28.1	-82.87	874	90.0*	28.1	-82.91	874	90.0*
2 24.1	188.73	45.0	23.0	-60.84	861	72.3*	33.3	-104.93	886	107.7
4 18.1	217.58	40.0	18.9	-45.61	852	60.7*	37.4	-120.15	895	119.3
6 12.1	246.42	35.0	15.9	-35.98	846	54.0*	40.5	-129.75	901	126.0
8 6.1	275.26	30.0	13.3	-28.65	841	49.4*	43.2	-137.07	906	130.6
10 0.1	304.11	20.0	8.6	-17.34	835	43.7*	48.0	-148.34	914	136.3
11 54.1	332.95	0.	0.	0.	834	39.9	56.9	-165.61	923	140.1
13 48.1	1.83	-20.0	-8.6	17.34	846	43.7	-48.3	148.25	925	136.4*
15 42.1	30.64	-30.0	-13.3	28.64	857	49.4	-43.5	136.99	922	130.6*
17 36.1	59.49	-35.0	-16.0	35.97	863	54.0	-40.8	129.68	920	126.0*
19 30.1	88.33	-40.0	-19.0	45.58	872	60.7	-37.7	120.08	916	119.3*
21 24.1	117.17	-45.0	-23.1	60.81	883	72.3	-33.5	104.87	908	107.7*
23 18.2	146.02	-47.4	-28.3	82.83	897	90.0*	-28.3	82.87	897	90.0*
				FEBRUARY 1, 1965						
1 12.2	174.86	47.4	28.1	-82.87	871	90.0*	28.1	-82.91	871	90.0*
3 6.2	203.71	45.0	23.0	-60.85	859	72.3*	33.2	-104.93	883	107.7
5 0.2	232.55	40.0	18.9	-45.61	850	60.7*	37.4	-120.15	892	119.3
6 54.2	261.39	35.0	15.9	-35.98	844	54.0*	40.4	-129.76	898	126.0
8 48.2	290.24	30.0	13.3	-28.65	840	49.4*	43.1	-137.08	904	130.6
10 42.2	319.08	20.0	8.6	-17.34	835	43.7	47.9	-148.35	912	136.3
12 36.2	347.93	0.	0.	0.	835	39.9	56.8	-165.62	922	140.1
14 30.2	16.77	-20.0	-8.6	17.34	848	43.7	-48.4	148.24	925	136.4
16 24.2	45.61	-30.0	-13.3	28.63	859	49.4	-43.5	136.98	924	130.6*
18 18.2	74.46	-35.0	-16.0	35.96	866	54.0	-40.8	129.67	921	126.0*
20 12.2	103.30	-40.0	-19.0	45.58	875	60.7	-37.7	120.07	918	119.3*
22 6.2	132.14	-45.0	-23.1	60.81	886	72.3	-33.5	104.86	911	107.7*
		-47.4	-28.3	82.82	900	90.0*	-28.3	82.86	900	90.0*
				FEBRUARY 2, 1965						
0 0.2	160.99	47.4	28.1	-82.88	868	90.0*	28.1	-82.92	868	90.0*
1 54.2	189.83	45.0	23.0	-60.85	856	72.3*	33.2	-104.94	880	107.7
3 48.2	218.68	40.0	18.9	-45.61	848	60.7*	37.3	-120.16	889	119.3
5 42.2	247.52	35.0	15.9	-35.98	842	54.0*	40.4	-129.77	896	126.0
7 36.2	276.36	30.0	13.3	-28.65	839	49.4*	43.1	-137.09	901	130.6
9 30.2	305.21	20.0	8.6	-17.34	834	43.7	47.9	-148.36	909	136.3
11 24.2	334.05	0.	0.	0.	836	39.9	56.8	-165.63	921	140.1
13 18.2	2.89	-20.0	-8.6	17.34	850	43.7	-48.4	148.23	926	136.4
15 12.2	31.74	-30.0	-13.4	28.63	862	49.4	-43.5	136.97	925	130.6*
17 6.2	60.58	-35.0	-16.0	35.96	869	54.0	-40.8	129.66	923	126.0*
19 0.3	89.42	-40.0	-19.0	45.58	878	60.7	-37.7	120.06	920	119.3*
20 54.3	118.27	-45.0	-23.1	60.80	889	72.3	-33.6	104.85	913	107.7*
22 48.3	147.11	-47.4	-28.3	82.81	903	90.0*	-28.3	82.85	903	90.0*
				FEBRUARY 3, 1965						
0 42.3	175.95	47.4	28.1	-82.88	865	90.0*	28.1	-82.92	865	90.0*
2 36.3	204.80	45.0	23.0	-60.85	854	72.3*	33.2	-104.94	877	107.7
4 30.3	233.64	40.0	18.9	-45.61	846	60.7*	37.3	-120.17	886	119.3
6 24.3	262.48	35.0	15.9	-35.98	841	54.0*	40.4	-129.77	893	126.0
8 18.3	291.33	30.0	13.3	-28.65	838	49.4*	43.1	-137.09	898	130.6
10 12.3	320.17	20.0	8.6	-17.34	834	43.7	47.9	-148.36	907	136.3
12 6.3	349.01	0.	0.	0.	837	39.9	56.7	-165.64	920	140.1
14 0.3	17.85	-20.0	-8.6	17.33	852	43.7	-48.4	148.22	926	136.4
15 54.3	46.70	-30.0	-13.4	28.63	865	49.4	-43.6	136.96	926	130.6*
17 48.3	75.54	-35.0	-16.0	35.96	872	54.0	-40.9	129.65	924	126.0*
19 42.3	104.38	-40.0	-19.1	45.57	881	60.7	-37.8	120.05	922	119.3*
21 36.3	133.23	-45.0	-23.2	60.79	892	72.3	-33.6	104.84	916	107.7*
23 30.3	162.07	-47.4	-28.4	82.80	905	90.0*	-28.4	82.84	905	90.0*

SATELLITE 1960 IOTA 1
FOR OTHER LATITUDES

EQUATOR S-N TIME (UT)	EQUATOR S-N LONG. (W)	LAT.	SOUTH-NORTH TIME CORR.	SOUTH-NORTH LONG. CORR.	SOUTH-NORTH HT. (MI)	SOUTH-NORTH BEAR. (N-E)	NORTH-SOUTH TIME CORR.	NORTH-SOUTH LONG. CORR.	NORTH-SOUTH HT. (MI)	NORTH-SOUTH BEAR. (N-E)
				FEBRUARY 4, 1965						
1 24.3	190.91	47.4	28.0	-82.88	862	90.0*	28.1	-82.92	862	90.0*
3 18.3	219.75	45.0	22.9	-60.85	851	72.3*	33.2	-104.95	884	107.7*
5 12.3	248.60	40.0	18.9	-45.61	844	60.7*	37.3	-120.17	893	119.3
7 6.3	277.44	35.0	15.9	-35.98	840	54.0*	40.4	-129.78	899	126.0
9 0.3	306.28	30.0	13.3	-28.65	837	49.4*	43.0	-137.10	905	130.6
10 54.3	335.13	20.0	8.6	-17.34	834	43.7	47.8	-148.37	914	136.3
12 48.3	3.97	0.	0.	0.	838	39.9	56.7	-165.65	918	140.1
14 42.3	32.81	-20.0	-8.7	17.33	855	43.7	-48.5	148.21	926	136.4
16 36.3	61.65	-30.0	-13.4	28.63	868	49.4	-43.6	136.95	926	130.6*
18 30.3	90.50	-35.0	-16.0	35.95	875	54.0	-40.9	129.64	926	126.0*
20 24.3	119.34	-40.0	-19.1	45.57	884	60.7	-37.8	120.04	923	119.3*
22 18.3	148.18	-45.0	-23.2	60.79	895	72.3*	-33.6	104.84	918	107.7*
		-47.4	-28.4	82.80	908	90.0*	-28.4	82.84	908	90.0*
				FEBRUARY 5, 1965						
0 12.3	177.02	47.4	28.0	-82.88	860	90.0*	28.1	-82.92	860	90.0*
2 6.3	205.86	45.0	22.9	-60.85	849	72.3*	33.2	-104.95	871	107.7*
4 0.3	234.71	40.0	18.9	-45.61	843	60.7*	37.3	-120.18	880	119.3
5 54.3	263.55	35.0	15.9	-35.98	839	54.0*	40.3	-129.79	886	126.0
7 48.3	292.39	30.0	13.3	-28.65	836	49.4*	43.0	-137.11	892	130.6
9 42.3	321.23	20.0	8.6	-17.34	834	43.7	47.8	-148.38	902	136.3
11 36.3	350.08	0.	0.	0.	840	39.9	56.7	-165.66	916	140.1
13 30.3	18.92	-20.0	-8.7	17.33	857	43.7	-48.5	148.20	926	136.4
15 24.3	47.76	-30.0	-13.4	28.62	870	49.4	-43.7	136.94	927	130.6*
17 18.3	76.60	-35.0	-16.0	35.95	878	54.0	-41.0	129.63	926	126.0*
19 12.3	105.44	-40.0	-19.1	45.56	887	60.7	-37.8	120.03	923	119.3*
21 6.3	134.29	-45.0	-23.2	60.78	898	72.3*	-33.7	104.83	920	107.7*
23 0.3	163.13	-47.4	-28.4	82.79	911	90.0*	-28.4	82.83	911	90.0*
				FEBRUARY 6, 1965						
0 54.3	191.97	47.4	28.0	-82.88	857	90.0*	28.0	-82.93	857	90.0*
2 48.2	220.81	45.0	22.9	-60.85	848	72.3*	33.2	-104.95	868	107.7*
4 42.2	249.65	40.0	18.9	-45.61	841	60.7*	37.3	-120.18	877	119.3
6 36.2	278.50	35.0	15.9	-35.98	838	54.0*	40.3	-129.79	885	126.0
8 30.2	307.34	30.0	13.3	-28.65	836	49.4	43.0	-137.11	893	130.6
10 24.2	336.18	20.0	8.6	-17.34	834	43.7	47.8	-148.39	909	136.3
12 18.2	5.02	0.	0.	0.	842	39.9	56.6	-165.67	914	140.1
14 12.2	33.86	-20.0	-8.7	17.33	860	43.7	-48.6	148.19	925	136.4
16 6.2	62.70	-30.0	-13.4	28.62	873	49.4	-43.7	136.93	927	130.6
18 0.2	91.55	-35.0	-16.1	35.94	881	54.0	-41.0	129.62	927	126.0*
19 54.2	120.39	-40.0	-19.1	45.56	890	60.7	-37.9	120.02	926	119.3*
21 48.2	149.23	-45.0	-23.2	60.78	901	72.3*	-33.7	104.82	922	107.7*
23 42.2	178.07	-47.4	-28.5	82.78	913	90.0*	-28.5	82.82	913	90.0*

MODIFIED ORBITAL ELEMENTS FOR EARTH SATELLITE 1960 IOTA 1

REFERENCE TIME 1965 Y 1 M 23 D 0 H 29.62 M UT
INCLINATION 47.25 DEG.
ASCENDING NODE (LONG.) 125.15 DEG. WEST
PRIME SWEEP INTERVAL ONE DAY -17.10 MIN.
ARGUMENT OF PERIGEE 343.90 DEG.
RATE OF CHANGE 0.30352 DEG. PER PERIOD
ANOMALISTIC PERIOD 114.115 MIN.
RATE OF CHANGE -0.00013 MIN. PER PERIOD
ECCENTRICITY 0.00950
RADIUS OF PERIGEE 4796.2 MILES
RADIUS OF APOGEE 4888.2 MILES
RATE OF CHANGE -0.03 MILES PER DAY
ASCENDING NODE (R.A.) 4.20 DEG.
RATE OF CHANGE -3.34200 DEG. PER DAY
LATITUDE OF PERIGEE -11.75 DEG.
READ-IN EXPECTED MAG. #1

OFFICIAL FILE COPY FEB FLORIDA

TDEW/UFO

UFO Sighting, 1 Feb 65, Jacksonville & Tallahassee, Fla 26 Feb 65

Federal Aviation Agency
Jacksonville, Florida

1. On the night of 1 Feb 65 at 1900 hours, an unidentified flying object was reported over Jacksonville, Tallahassee and by various aircraft over Daytona and off the coast of Florida.

2. The object was reported as tracking West to East. The tower operator at Jacksonville was listed as one of the observers. Additional information on the observation is required for positive identification. Your assistance in having the operator who witnessed this event complete the attached form will be appreciated.

FOR THE COMMANDER

ERIC T de JONCKHEERE
Colonel, USAF
Deputy for Technology
and Subsystems

1 Atch
FTD Form 164

FEDERAL AVIATION AGENCY

AIRPORT TRAFFIC CONTROL TOWER
P. O. Box 18006
Jacksonville, Florida 32229

March 5, 1965

Commander
Foreign Technology Division
Air Force Systems Command
Wright-Patterson Air Force Base, Ohio

Attention: TDEW/UFO

Dear Sir:

As requested in your letter dated February 26, 1965, the questionnaire furnished has been completed by Air Traffic Control Specialist (Tower) GS-11 Norvell L. Cole. The completed questionnaire is enclosed.

If we may be of further service, please advise.

Sincerely yours,

Carl R. Leavitt, Jr., Chief

Enclosure

2321.6
FED 1, 02/0042Z

39
01
80 + ECHO II IN SOUTHERN HEMISPHERE

ECHO I 0000

41 = 35°N · 16.99
12.77
31.22 W

35°N 31°W — NORTH ATLANTIC

U.S. AIR FORCE TECHNICAL INFORMATION

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. 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?

1	2—	1965
Day	Month	Year

2. Time of day: 19 Hour 41 Minutes

(Circle One): A.M. or (P.M.)

3. Time Zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other GMT

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

JACKSONVILLE AICT
P.O. [redacted]
Nearest Postal Address

JACKSONVILLE
City or Town

FLORIDA
State or County

5. How long was object in sight? (Total Duration) ____ Hours ____ Minutes 60 Seconds

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

5.1 How was time in sight determined? ESTIMATED

5.2 Was object in sight continuously? Yes X No ____

6. What was the condition of the sky?

DAY	NIGHT
a. Bright	a. Bright ✓
b. Cloudy	b. Cloudy

7. IF you saw the object during DAYLIGHT, 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

FTD FORM OCT 62 164 This form supersedes FTD 164, Jul 61, which is obsolete.

8. IF you saw the object at NIGHT, 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. What were the weather conditions at the time you saw the object?

CLOUDS *(Circle One)*:

a. Clear sky ✓
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*:

a. Dry ✓
b. Fog, mist, or light rain
c. Moderate or heavy rain
d. Snow
e. Don't remember

10. The object appeared: *(Circle One)*:

a. Solid
b. Transparent
c. Vapor
d. As a light ✓
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? *(Circle One)*:

a. Brighter
b. Dimmer
c. About the same ✓
d. Don't know

11.1 Compare brightness to some common object:

_____

_____

12. 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 _____

13. Did the object: *(Circle One for each question)*

a. Appear to stand still at any time?	Yes	No ✓	Don't know
b. Suddenly speed up and rush away at any time?	Yes	No ✓	Don't know
c. Break up into parts or explode?	Yes	No ✓	Don't know
d. Give off smoke?	Yes	No ✓	Don't know
e. Change brightness?	Yes	No ✓	Don't know
f. Change shape?	Yes	No ✓	Don't know
g. Flash or flicker?	Yes	No ✓	Don't know
h. Disappear and reappear?	Yes	No ✓	Don't know

14. Did the object disappear while you were watching it? If so, how?

NO

15. Did the object move behind something at any time, particularly a cloud?

(Circle One): Yes No ✓ Don't Know. IF you answered YES, then tell what it moved behind: _____

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One): Yes No ✓ Don't Know. IF you answered YES, then tell what in front of: _____

17. Tell in few words the following things about the object:

a. Sound NONE

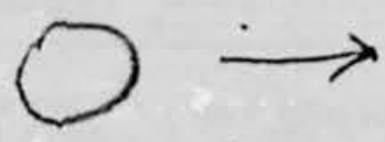
b. Color WHITE

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

ALL OF IT WOULD HAVE BEEN OBSCURED

19. 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.

N ↑ Place an arrow beside the drawing to show the direction the object was moving.



I have drawn this as a circular because there were no unusually shapes to the object.

20. 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? _____

21. Do you think you can estimate how faraway from you the object was?

(Circle One) Yes No ✓

IF you answered YES, then how far away would you say it was? _____

22. 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 (type)
e. At sea
f. Other _____

23. 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. Near an airfield? ✓
e. Flying over a city?
f. Flying over open country?
g. Other _____

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? *(Circle One)*

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

24.2 How fast were you moving? _____ miles per hour

24.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes No

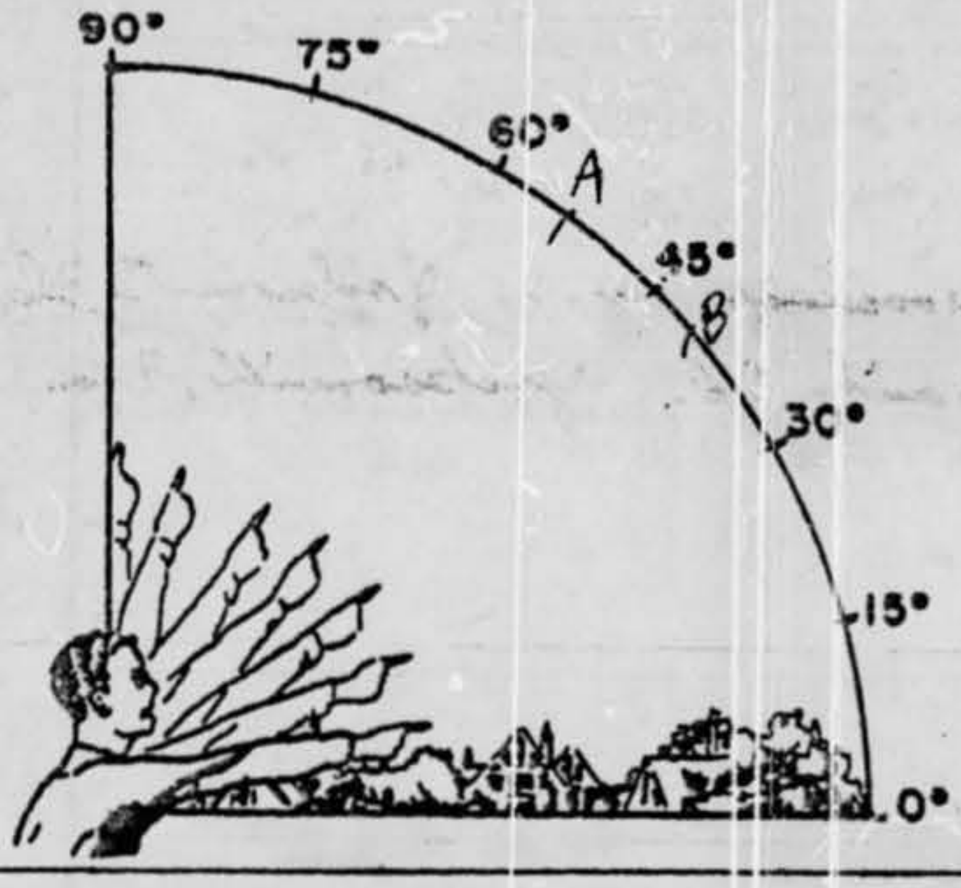
25. Did you observe the object through any of the following?

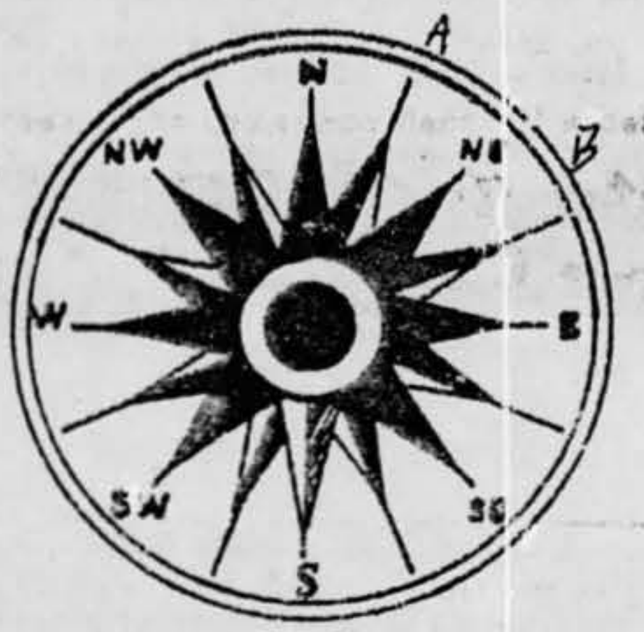
a. Eyeglasses	Yes	No ✓	e. Binoculars	Yes ✓	No
b. Sun glasses	Yes	No ✓	f. Telescope	Yes	No ✓
c. Windshield	Yes	No ✓	g. Theodolite	Yes	No ✓
d. Window glass	Yes ✓	No	h. Other _____		

26. In order that you can give as clear a picture as possible of what you saw, 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.

Because of its motion in relation to the stars it attracted my attention. I would consider this to be a artificial satellite from observations experienced in the past.

27. 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. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.





28. 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.

29. 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.