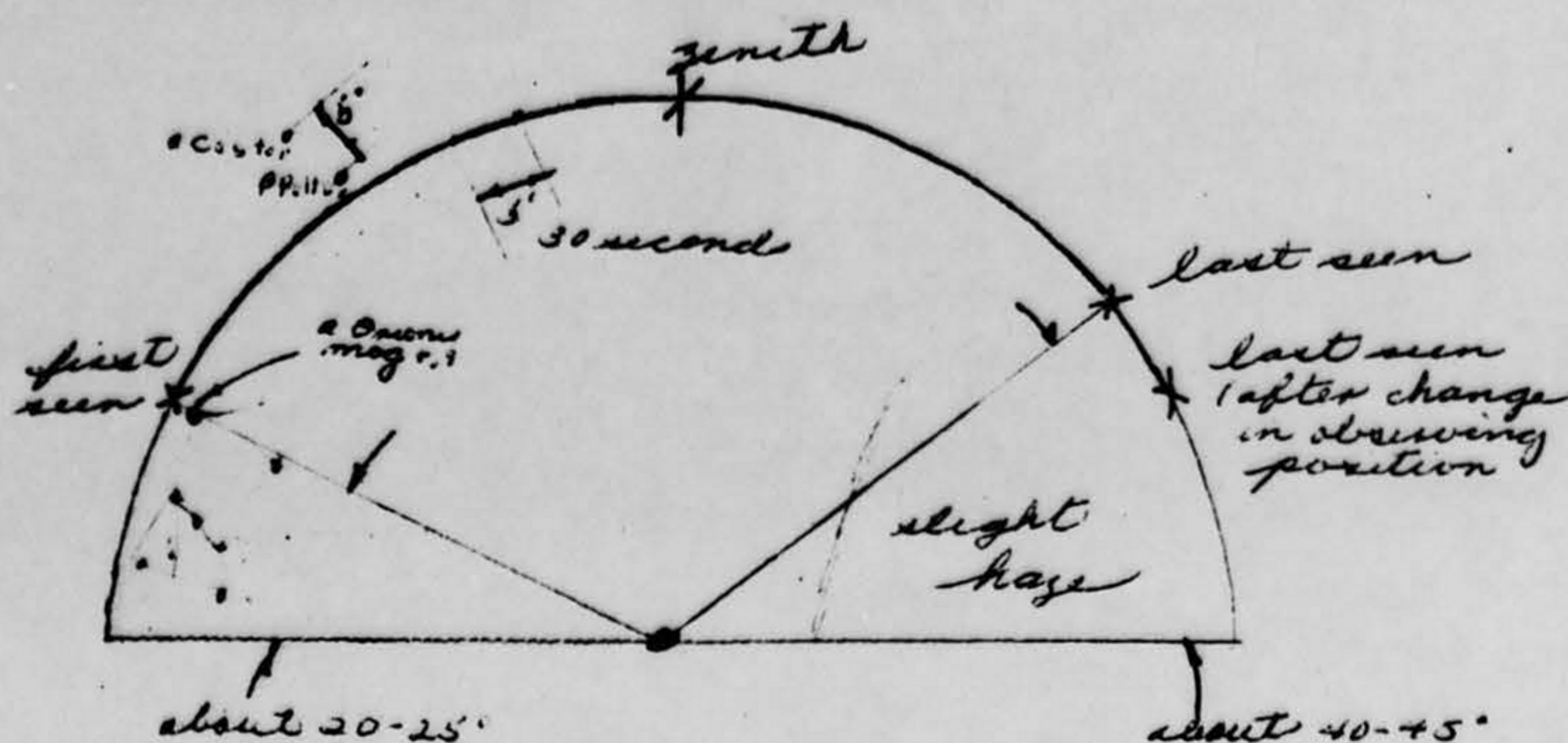


1. DATE - TIME GROUP 14 April 65 15/0035Z	2. LOCATION Lodi, New Jersey
3. SOURCE Civilian	10. CONCLUSION Satellite (ECHO 1)
4. NUMBER OF OBJECTS One	ECHO 1 was over New Jersey at 737PM heading NW at 87 deg elevation. This places the Satellite over the location of the observer. Object
5. LENGTH OF OBSERVATION 11 Minutes about	11. BRIEF SUMMARY AND ANALYSIS Object of .5 deg in flight at constant rate of 10 degrees of arc per minute. Color maybe orange or white. Movement was steady without fluctuations.
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE NE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

- I measured δ using 2.3 Gemini as reference and a watch with a second hand (time was 3. sec for δ (degrees))
- 1 optical point (2.4" refractor, Tuxco, made in Japan)

7:35 PM EST. April 14, 1965



- ① magnitude = +.5, no variations
- ② angular velocity = 10° per minute
- ③ color = indefinite, maybe orange-white
- ④ diffraction pattern = 1 optical point
- ⑤ movement = steady without fluctuations in direction
- ⑥ seeing = slight airmass cover, fairly good

April 14, 1965 07644

A.T.I.C

Washington 25, D.C.

Dear Sirs,
Tonight, my brother and I (we are both amateur astronomers) saw something in the sky. I first thought it was a satellite, but it was too bright and too late for it to be one. We are very interested in what we saw. Any explanation would be appreciated.

Sincerely,

D. [redacted]

seen by,

(Age 14)

(Age 11)



Lodi, New Jersey
07044



GA/OF

A.T.I.C., Dept. of Air Force
Washington 25, D.C.

UPD

NEWARK, N.J.

1	08.16	PM	APR. 12	SOUTH OF CITY, 89 DEGREES ABOVE HORIZON	MOVING	2.00
1	10.16	PM	APR. 12	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	2.00
1	08.17	AM	APR. 13	SOUTH OF CITY, 77 DEGREES ABOVE HORIZON	MOVING	2.00
1	04.27	AM	APR. 13	SOUTH OF CITY, 84 DEGREES ABOVE HORIZON	MOVING	2.00
1	04.34	AM	APR. 13	SOUTH OF CITY, 85 DEGREES ABOVE HORIZON	MOVING	2.00
1	06.55	PM	APR. 13	SOUTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	08.58	PM	APR. 13	NORTH OF CITY, 78 DEGREES ABOVE HORIZON	MOVING	2.00
1	10.58	PM	APR. 13	NORTH OF CITY, 61 DEGREES ABOVE HORIZON	MOVING	2.00
1	11.58	PM	APR. 13	SOUTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	12.58	PM	APR. 13	SOUTH OF CITY, 71 DEGREES ABOVE HORIZON	MOVING	2.00
1	07.37	PM	APR. 14	SOUTH OF CITY, 77 DEGREES ABOVE HORIZON	MOVING	2.00
1	09.39	PM	APR. 14	NORTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	11.39	PM	APR. 14	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	2.00
1	04.58	AM	APR. 15	SOUTH OF CITY, 80 DEGREES ABOVE HORIZON	MOVING	2.00
1	05.19	AM	APR. 15	SOUTH OF CITY, 80 DEGREES ABOVE HORIZON	MOVING	2.00
1	10.17	PM	APR. 15	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	2.00
1	08.19	PM	APR. 15	NORTH OF CITY, 59 DEGREES ABOVE HORIZON	MOVING	2.00
1	11.02	PM	APR. 15	NORTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	11.11	PM	APR. 15	SOUTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	11.55	PM	APR. 15	SOUTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	10.55	PM	APR. 15	NORTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	11.51	PM	APR. 15	NORTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00
1	08.20	PM	APR. 15	NORTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	2.00