

PROJECT 10073 RECORD CARD

1. DATE 25 June 1963		2. LOCATION Mount Vernon, New York		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☒ Was Aircraft ☒ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local 1000PM GMT 26/045-0100Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 5 minutes		8. NUMBER OF OBJECTS one		9. COURSE NE	
10. BRIEF SUMMARY OF SIGHTING Object believed to be ECHO in orbit in flight to NE across the big dipper. Thought to move too rapidly for a/c. In sight for 5 minutes.				11. COMMENTS Duration and description consistent with analysis as high flying a/c. ECHO in Souther Hemisphere at time. If witness on Daylight Saving Time ECHO was over the Pacific Ocean, Not visible in New York.	

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE SECRETARY

MEMORANDUM

August 12, 1963

Dear Mr. [REDACTED]:

Your letter to the National Aeronautics and Space Administration has been forwarded to this office. The Air Force has determined that Echo was moving southeast at the time of the sighting. The object observed, then, was not Echo but could have been an aircraft.

Sincerely,

MASTON M. JACKS
Major, USAF
Public Information
Office of Information

HEADQUARTERS
FOREIGN TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO



TDEW

1 August 1963

Request for UFO Information (Security & [redacted])

Hq USAF SAF-OI 3b (Mrs. Wells)
Wash 25 DC

1. Reference the attached correspondence from [redacted] and [redacted] requesting information on unidentified flying objects. This correspondence is forwarded to your office for whatever action you deem necessary.

2. Anent [redacted]' letter, if the time of the sighting was Daylight Saving Time, the object was Echo; if not, there is insufficient data for evaluation.

3. Anent Mr. [redacted] inquiry, Echo was moving southeast at the time of the sighting. The object observed, then, was not Echo but could have been an aircraft.

FOR THE COMMANDER

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

2 Atch

1. Ltr fm [redacted],
postmarked 2 Jul 63.

2. Postcard fm [redacted],
[redacted], postmarked
27 Jun 63.

National Aeronautics and Space Administration

Gentlemen:

Last evening (25 June) my brother, his wife and I sighted and visually followed a rapidly moving star-like object in the heavens. The object moved in a southwest to northeast direction across the Big Dipper. We maintained visual contact for approximately five minutes from 9:45 to 10:00.

We believe it was an earth satellite circling the globe. Perhaps it was the balloon satellite ECHO. The object moved too rapidly at that distance to be any type aircraft.

Would you please give us some answers to the "mystery".

Sincerely yours,
[redacted]

SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASSACHUSETTS

JUNE 19, 1963

SATELLITE 1960 IOTA 1, SCHE 1

These predictions are based on orbital elements revised on June 17, 1963
 T_0 = June 18.0, times are in days, U.T.
 Argument of perigee = $322.404 + 3.4818 (t - T_0)$
 Right ascension of ascending node = $156.783 - 3.3002 (t - T_0)$

Eccentricity = $0.049678 + 2.019 \times 10^{-4} (t - T_0)$ Semi-major axis = 7.041343 astronomical unitsMean anomaly (Rev.) = $0.33111 + 12.502001 (t - T_0) + 1.225 \times 10^{-4} (t - T_0)^2$

EQUATOR S-N				SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES								EQUATOR S-N				SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES							
TIME	LONG.	LAT.		TIME	LONG.	MT.	BEAR.	TIME	LONG.	MT.	BEAR.	TIME	LONG.	LAT.		TIME	LONG.	MT.	BEAR.				
(UT)	(M)			CORR.	CORR.	(M)	(N-E)	CORR.	CORR.	(M)	(N-E)	(UT)	(M)			CORR.	CORR.	(M)	(N-E)				
JUNE 22, 1963																							
1 22.7	146.52	47.5		27.4	-82.95	1003	90.00	27.4	-83.00	1003	90.00	1 17.0	162.23	47.5		27.2	-83.09	944	90.00				
3 17.4	175.64	45.0		22.4	-60.70	933	72.20	22.4	-60.70	933	72.20	3 12.1	191.55	45.0		22.0	-61.00	873	72.20				
5 12.9	204.75	40.0		19.3	-49.72	877	60.70	19.3	-49.72	877	60.70	5 7.2	220.46	40.0		19.0	-45.80	818	60.70				
7 8.0	233.87	35.0		15.3	-36.11	836	54.00	15.3	-36.11	836	54.00	7 2.3	249.57	35.0		15.0	-36.17	780	54.00				
9 3.0	262.98	30.0		12.7	-28.77	802	49.40	12.7	-28.77	802	49.40	9 57.4	278.69	30.0		12.5	-28.82	751	49.40				
10 58.1	292.10	20.0		9.2	-17.45	748	43.70	9.2	-17.45	748	43.70	10 52.4	307.80	20.0		9.0	-17.47	704	43.70				
12 53.2	321.21	0.0		0.0	0.0	681	40.0	0.0	0.0	681	40.0	12 47.5	336.91	0.0		0.0	0.0	662	40.0				
14 48.3	350.33	-20.0		-8.0	17.48	565	43.6	-8.0	17.48	565	43.6	14 42.6	366.03	-20.0		-8.0	17.49	671	43.6				
16 43.4	379.44	-30.0		-12.4	28.86	478	49.5	-12.4	28.86	478	49.5	16 37.7	395.14	-30.0		-12.4	28.86	699	49.5				
18 38.5	408.56	-35.0		-14.9	36.23	422	54.00	-14.9	36.23	422	54.00	18 32.8	424.25	-35.0		-14.8	36.23	720	54.00				
20 33.6	437.67	-40.0		-17.6	45.89	374	60.70	-17.6	45.89	374	60.70	20 27.9	453.36	-40.0		-17.7	45.87	749	60.70				
22 28.7	466.79	-45.0		-21.5	61.14	350	72.20	-21.5	61.14	350	72.20	22 22.9	482.48	-45.0		-21.6	61.11	795	72.20				
		-47.5		-26.4	83.30	307	90.00	-26.4	83.34	308	90.00			-47.5		-26.6	83.23	861	90.00				
JUNE 23, 1963																							
0 23.0	159.90	47.5		27.6	-82.98	989	90.00	27.6	-83.03	989	90.00	0 18.0	191.59	47.5		27.1	-83.12	930	90.00				
2 18.1	188.02	45.0		22.3	-60.92	919	72.20	22.3	-60.95	1054	107.80	2 13.1	220.70	45.0		21.9	-61.03	858	72.20				
4 13.0	216.13	40.0		18.2	-49.74	862	60.70	18.2	-49.74	1096	119.40	4 8.2	249.81	40.0		17.9	-45.82	804	60.70				
6 8.0	244.25	35.0		15.2	-36.11	822	54.00	15.2	-36.11	1121	126.10	6 3.3	278.93	35.0		15.0	-36.19	768	54.00				
8 3.1	272.36	30.0		12.7	-28.77	789	49.40	12.7	-28.77	1138	130.70	8 58.3	308.04	30.0		12.5	-28.83	739	49.40				
9 59.2	301.48	20.0		9.2	-17.45	737	43.70	9.2	-17.45	1155	136.50	9 53.4	337.15	20.0		9.0	-17.48	698	43.70				
11 54.3	330.59	0.0		0.0	0.0	675	40.0	0.0	0.0	1139	140.30	11 48.5	366.26	0.0		0.0	0.0	659	40.0				
13 49.4	359.70	-20.0		-8.0	17.49	665	43.6	-8.0	17.49	1089	136.40	13 43.6	395.38	-20.0		-8.0	17.49	675	43.6				
15 44.5	388.82	-30.0		-12.4	28.86	602	49.5	-12.4	28.86	1015	130.70	15 38.7	424.49	-30.0		-12.4	28.86	705	49.5				
17 39.6	417.93	-35.0		-14.9	36.23	548	54.00	-14.9	36.23	981	126.10	17 33.7	453.60	-35.0		-14.8	36.23	728	54.00				
19 34.7	447.05	-40.0		-17.6	45.89	500	60.70	-17.6	45.89	941	119.40	19 28.8	482.71	-40.0		-17.7	45.86	759	60.70				
21 29.7	476.16	-45.0		-21.5	61.14	460	72.20	-21.5	61.14	866	107.80	21 23.9	511.83	-45.0		-21.6	61.09	808	72.20				
23 24.8	505.28	-47.5		-26.4	83.30	420	90.00	-26.4	83.33	820	90.00	23 19.0	540.94	-47.5		-26.7	83.22	875	90.00				
JUNE 24, 1963																							
1 19.9	164.33	47.5		27.5	-83.02	974	90.00	27.5	-83.07	974	90.00	1 14.0	170.05	47.5		27.0	-83.15	914	90.00				
3 15.0	193.45	45.0		22.2	-60.95	903	72.20	22.2	-60.95	1041	107.40	3 9.1	209.16	45.0		21.8	-61.05	843	72.20				
5 10.1	222.57	40.0		18.1	-49.76	847	60.70	18.1	-49.76	1086	118.40	5 4.2	238.27	40.0		17.8	-45.83	790	60.70				
7 5.2	251.69	35.0		15.1	-36.14	807	54.00	15.1	-36.14	1113	126.10	7 59.3	267.39	35.0		14.9	-36.20	755	54.00				
9 0.3	280.81	30.0		12.6	-28.80	776	49.40	12.6	-28.80	1132	130.70	9 54.4	296.50	30.0		12.4	-28.84	728	49.40				
10 55.3	309.93	20.0		9.1	-17.46	726	43.70	9.1	-17.46	1153	136.50	10 49.5	325.61	20.0		9.0	-17.48	689	43.70				
12 50.4	339.05	0.0		0.0	0.0	670	40.0	0.0	0.0	1166	140.30	12 44.6	354.72	0.0		0.0	0.0	657	40.0				
14 45.5	368.17	-20.0		-8.0	17.49	660	43.6	-8.0	17.49	1087	136.50	14 39.6	383.83	-20.0		-8.0	17.49	679	43.6				
16 40.6	397.29	-30.0		-12.4	28.86	597	49.5	-12.4	28.86	1029	130.70	16 34.7	412.95	-30.0		-12.4	28.86	713	49.5				
18 35.7	426.41	-35.0		-14.9	36.23	543	54.00	-14.9	36.23	986	126.10	18 29.7	442.06	-35.0		-14.9	36.21	738	54.00				
20 30.8	455.53	-40.0		-17.6	45.89	503	60.70	-17.6	45.89	957	119.40	20 24.8	471.17	-40.0		-17.8	45.85	771	60.70				
22 25.9	484.65	-45.0		-21.5	61.14	463	72.20	-21.5	61.14	902	107.80	22 19.9	500.28	-45.0		-21.7	61.08	821	72.20				
		-47.5		-26.4	83.30	423	90.00	-26.4	83.32	834	90.00			-47.5		-26.8	83.17	871	90.00				
JUNE 25, 1963																							
0 20.9	153.76	47.5		27.4	-83.05	960	90.00	27.4	-83.10	960	90.00	0 15.0	159.39	47.5		26.9	-83.18	899	90.00				
2 16.0	182.88	45.0		22.1	-60.98	889	72.20	22.1	-60.98	1028	107.80	2 10.1	188.50	45.0		21.7	-61.07	828	72.20				
4 11.1	211.99	40.0		18.0	-49.78	833	60.70	18.0	-49.78	1075	117.40	4 5.1	217.62	40.0		17.7	-45.85	777	60.70				
6 6.2	241.11	35.0		15.0	-36.16	794	54.00	15.0	-36.16	1104	126.10	6 0.2	246.73	35.0		15.0	-36.21	743	54.00				
8 1.3	270.23	30.0		12.5	-28.81	763	49.40	12.5	-28.81	1125	130.70	8 55.3	275.84	30.0		12.4	-28.85	718	49.40				
9 56.4	300.35	20.0		9.0	-17.47	713	43.70	9.0	-17.47	1150	136.50	9 50.4	304.95	20.0		9.0	-17.49	682	43.70				
11 51.5	329.47	0.0		0.0	0.0	664	40.0	0.0	0.0	1150	140.30	11 45.5	334.06	0.0		0.0	0.0	659	40.0				
13 46.6	358.59	-20.0		-8.0	17.49	654	43.6	-8.0	17.49	1093	136.50	13 40.6	363.17	-20.0		-8.0	17.49	674	43.6				
15 41.7	387.71	-30.0		-12.4	28.86	591	49.5	-12.4	28.86	1042	130.70	15 35.6	392.28	-30.0		-12.4	28.85	702	49.5				
17 36.8	416.83	-35.0		-14.9	36.23	537	54.00	-14.9	36.23	1010	126.10	17 30.7	421.39	-35.0		-14.9	36.21	734	54.00				
19 31.9	445.95	-40.0		-17.6	45.89	497	60.70	-17.6	45.89	971	119.40	19 25.7	450.51	-40.0		-17.8	45.84	763	60.70				
21 27.0	475.07	-45.0		-21.5	61.14	457	72.20	-21.5	61.14	916	107.80	21 20.9	479.62	-45.0		-21.8	61.06	814	72.20				
23 22.1	504.19	-47.5		-26.4	83.30	417	90.00	-26.4	83.30	847	90.00	23 17.1	508.73	-47.5		-26.9	83.17	864	90.00				
JUNE 26, 1963																							
0 18.0	191.59	47.5		27.1	-83.12	930	90.00	27.1	-83.17	930	90.00	0 13.0	191.59	47.5		27.0	-83.15	914	90.00				
2 13.1	220.70	45.0		21.9	-61.03	858	72.20	21.9	-61.03	928	72.20	2 8.1	220.70										