

PROJECT 10073 RECORD CARD

1. DATE 26 June 1963	2. LOCATION 31.45N 176.25W (Pacific)		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 _____ GMT 26/1540Z	4. TYPE OF OBSERVATION ☐ Ground-Visual ☐ Ground-Radar ☒ Air-Visual ☐ Air-Intercept Radar		
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Military		
7. LENGTH OF OBSERVATION not reported	8. NUMBER OF OBJECTS one	9. COURSE 130 dgr	
10. BRIEF SUMMARY OF SIGHTING Pin head sized white light observed at 20dgr elevation fm a/c. Course of 130dgr true. No other information. No evaluation by Navy.		11. COMMENTS Echo not in area having crossed the equator heading North East about one hour earlier at 2005 0600. Duration & other essential data missing for evaluation.	

26/15402
DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

01

AF IN : 15345 (26 Jun 63) **NCOMING**

PAGE 1 OF 2

INFO : NIN-9, XOP-1, XOPX-4, SAF-OS-3, ARMY-2, CMC-8, JCS-35, OSD-15,
NSA-7, DIA-25, DIA/CIIC-2 (112)

SMB A178

CHQA393ZCECB342

..... YY RUEAHQ

DE RUHPF B058

ZNR

Y 261647Z

FM COMBARPAC

TO RUHPHH/COMHAWSEAFRON

RUHLKM/CINCPACAF

RUUAUAAH/HADD KUNIA

ZEN/CINCNOAD

INFO RUECW/CNO

RUEAHQ/COFS USAF

RUHPA/CINCPAC

RUHPB/CINCPACFLT

RUHAFS/CINCUSARPAC

RUHLKMP/PACAFBASECOM HICKMAN

RUECW/SECNAV

NAVY GRNC

BT

14.42.6 06.03
+ 58. -165

-159° E
EQUATOR
KUNIA

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

PAGE 2 OF 2

AF IN : 15345 (26 Jun 63) **INCOMING**
NNNN

UNCLAS.

A. JANAP 146D

1. CIRVIS REPORT
2. V143218 BARRIER AIRCRAFT
3. PIN HEAD SIZE OBJECT WHITE LIGHT
4. 31-45N 176-25W
5. 261540Z
6. ELEVATION 20 DEGREES
- 7 130 DEGREES TRUE
8. UNKNOWN
9. UNKNOWN

BT

26/1648Z

NOTE : ADVANCE COPIES DELIVERED TO NIN, XOPX & DIA.
XMITT TO CIA.

DEPARTMENT OF THE AIR FORCE

STAFF MESSAGE BRANCH

UNCLASSIFIED MESSAGE

AF IN : 15352 (26 Jun 63)

INFO : NIN-9, XOP-1, XOPX-4, **INCOMING** SAF-OS-3, ARMY-2, CMC-8, JCS-35, OSD-15,
NSA-7, DIA-25, DIA/CIIC-2 (112)

SMB C149

CZCHQA394ZCECA336

.....YY RUEAHQ

DE RUHPF B059

ZNR

Y 261701Z

FM COMBARPAC

TO RUHPHH/COMHAWSEAFRON

RUHLKM/CINCPACAF

RUAUAAH/HADD KUNIA

ZEN/CINCNORAD

INFO RUECW/CNO

RUEAHQ/COFS USAF

RUHPA/CINCPAC

RUHPB/CINCPACFLT

RUHAFS/CINCUSARPAC

RUHLKMP/PACAFBASECOM HICKMAN

RUECW/SECNAV

NAVY GRNC

BT

UNCLAS.

A. JANAP 146D

1. CIRVIS EVALUATION
2. 261647Z
3. UNKNOWN

BT NOTE: ADVANCE COPIES DELIVERED TO XOPX, NIN & DIA. XMIT TO CIA.

02

AF IN : 15434 (26 Jun 63) DE THE AIR FORCE

INFO : NIN-9, DIA-25, DIA-21, XOP-1, XOPX-4, SAF-OS-3, JCS-35,
ARMY-2, MC-8, OSD-15, NSA-7 (112)
SMB B204

CHQA402ZCQJA834

00 RUEAHQ

DE RUHLKH 8

ZNR

O 261726Z

FM 326 AIR DIV KUNIA FACILITY HAWAII

TO RUHLKM/PACAF HICKAM AFB HAWAII

RUHPHH/COMHAWSEAFRON PEARL HARBOR HAWAII

INFO RUEAHQ/CSAF USAF WASH DC

RUECW/CNO WASH DC

RUECW/SECNAV WASH DC

RUWGALB/CINCNORAD ENT AFB COLO

RUHPA/CINCPAC CAMP H M SMITH HAWAII

RUHAFS/CINCUSARPAC FT SHAFTER HAWAII

RUHPB/CINCPACFLT PEARL HARBOR HAWAII

RUUAUZ/COMUSJAPAN FUCHU AS JAPAN

RUAMC/COMUSKOREA SEOUL KOREA

RUAGFL/COMUSTDC TAIPEI TAIWAN

RUCSBRB/CINCSAC OFFUTT AFB NEBR

RUHPD/COMASWFORPAC FORD ISLAND HAWAIPP

AF GRNC

BT

UNCLAS

1. CIRVIS REPORT CORRECTION

2. 26/1540Z

3. ITEM THREE SHOULD READ PLN HEAD

SIZE OBJECTS, WHITE LIGHT"

BT NOTE : ADVANCE COPY DELIVERED TO DIA, NIN & XOPX
RETRANSMITTED TO CIA

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

NNNN

I N C O M I N G

AF IN : 15448 (26 June 63) N/dfc

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INFO : NIN-9, XOP-1, XOPX-4, SAF-OS-3, ARMY-2, CMC-8, JCS 35, OSD-15,
NSA-7, DIA-25, DIA CIIC-2 (112)

SMB C160

LKA037KHA029

OO RUEAHQ

DE RUHLKH 7

ZNR

O 261712Z

FM 326 AIR DIV KUNIA FACILITY HAWAII

TO RUHLKM/PACAF HICKAM AFB HAWAII

RUHPHH/COMHAASEAFRON PEARL HARBOR HAWAII

INFO RUEAHQ/CSAF USAF WASH DC

RUECW/CNO WASH DC

RUECW/SECNAV WASH DC

RUWGALB/CINCNORAD ENT AFB COLO

RUHPA/CINCPAC CAMP H M SMITH HAWAII

RUHAFS/CINNUSARPAC FT SHAFTER HAWAII

RUHPB/CINNPACFLT PEARL HARBOR HAWAII

RUAUAZ/COMUSJAPAN FUCHU AS JAPAN

RUAMC/COMUSKOREA SEOUL KOREA

RUAGFL/COMUSTDC TAIPEI TAIWAN

RUCSBRB/CINCSAC OFFUTT AFB NEBR

RUHPDJ/COMASWFORPAC FORD ISLAND HAWAII

AF GRNC

BT

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
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INCOMING

AF IN : 15448 (26 June 63)

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NNNN

UNCLAS

JANAP 146D

1. CIRVIS REPORT
2. V43318 BARRIER AIRCRAFT
3. PEN HEAD, 5 OBJECTS
4. 31.45N 176.25W
5. 26/1540Z

JYM ELVATION 20 DEGREES ABOVE HORIZATION

7. 130 DEGREES TRUE
8. UNKNOWN
9. UNKNOWN
10. NO EVALUATION AT THIS TIME

BT

CC TO LINE 2. V43218 BARRIED AIRCRAFT

26/1718Z JUN RUHLKH

NOTE : ADV CY DEL TO DIA NIN AND XOPX.
RETRANSMITTED TO CIA.

JUNE 19, 1963

SATELLITE 1960 IOTA 1, SMO I

These predictions are based on orbital elements revised on June 17, 1963

T₀ = June 18.0, times are in days, U.T.Argument of perigee = 322.404 + 3.4818 (t-T₀)Right ascension of ascending node = 136.885 + 3.1602 (t-T₀)

Inclination = 47.7699

Eccentricity = 0.049678 + 2.019 × 10⁻⁴ (t-T₀)

Semi-major axis = 7.84134 megameters

Mean anomaly (Rev.) = 0.33111 + 12.907001 (t-T₀) + 1.225 × 10⁻⁴ (t-T₀)²

SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES											SATELLITE 1960 IOTA 1 FOR OTHER LATITUDES											
LATITUDE S-N	LONG. (M)	LAT.	SOUTH-NORTH				NORTH-SOUTH				EQUATOR S-N		LAT.	SOUTH-NORTH				NORTH-SOUTH				
			TIME CORR.	LONG. CORR.	MT. (M)	BEAR. (N-E)	TIME CORR.	LONG. CORR.	MT. (M)	BEAR. (N-E)	TIME (UT)	LONG. (M)		TIME CORR.	LONG. CORR.	MT. (M)	BEAR. (N-E)	TIME CORR.	LONG. CORR.	MT. (M)	BEAR. (N-E)	
JUNE 22, 1963											JUNE 26, 1963											
1	146.52	47.5	27.4	-82.95	1003	90.0°	27.8	-83.00	1003	90.0°	1	17.0	162.23	47.5	27.2	-83.09	944	90.0°	27.2	-83.14	944	90.0°
2	175.64	45.0	22.4	-60.70	933	72.2°	33.3	-105.01	1065	107.8°	1	12.1	191.35	45.0	22.0	-61.00	873	72.2°	32.6	-105.18	1014	107.8°
3	204.15	40.0	19.3	-45.72	877	60.7°	37.7	-120.11	1105	119.4°	5	7.2	220.44	40.0	18.0	-45.80	818	60.7°	37.0	-120.30	1063	119.4°
4	233.87	35.0	15.3	-36.11	836	54.0°	41.1	-129.63	1128	126.1°	7	2.3	249.57	35.0	15.0	-36.17	780	54.0°	40.3	-129.84	1094	126.1°
5	262.98	30.0	12.7	-28.77	802	49.4°	44.0	-136.88	1143	130.8°	8	57.4	278.69	30.0	12.5	-28.82	751	49.4°	43.2	-137.09	1117	130.7°
6	292.10	20.0	1.2	-14.45	749	43.7°	49.1	-148.01	1156	136.5°	10	52.4	307.80	20.0	8.0	-17.47	706	43.8°	48.5	-148.23	1146	136.5°
7	321.21	0.	0.	0.	681	40.0°	59.1	-165.06	1133	140.3°	12	47.5	336.91	0.	0.	0.	662	40.0°	58.2	-165.28	1155	140.3°
8	350.33	-20.0	-12.4	28.96	665	43.8°	-46.6	148.71	1057	136.4°	14	42.6	6.03	-20.0	-8.0	17.49	671	43.8°	-47.3	148.53	1104	136.5°
9	379.44	-30.0	-14.4	36.23	678	49.5°	-41.5	137.51	1001	130.7°	16	37.7	35.14	-30.0	-12.4	28.86	699	49.5°	-42.1	137.16	1056	130.7°
10	408.56	-40.0	-17.6	45.89	714	60.7°	-38.7	130.22	967	126.1°	18	32.8	64.25	-40.0	-14.8	36.23	720	54.0°	-39.3	130.09	1025	126.1°
11	437.67	-45.0	-21.5	61.14	750	72.2°	-35.6	120.64	927	119.4°	20	27.9	93.36	-45.0	-17.7	45.87	749	60.7°	-36.1	120.53	987	119.4°
12	466.79	-47.5	-26.4	83.28	807	90.0°	-31.5	105.46	873	107.8°	22	22.9	122.48	-47.5	-21.6	61.11	795	72.2°	-31.9	105.37	932	107.8°
JUNE 23, 1963											JUNE 27, 1963											
1	155.90	47.5	27.6	-82.98	989	90.0°	27.6	-83.03	989	90.0°	0	18.0	151.59	47.5	27.1	-83.12	930	90.0°	27.1	-83.17	930	90.0°
2	185.02	45.0	22.3	-60.92	919	72.2°	33.1	-105.05	1054	107.8°	2	13.1	180.70	45.0	21.9	-61.03	858	72.2°	32.5	-105.22	1000	107.8°
3	194.13	40.0	18.2	-45.74	862	60.7°	37.6	-120.15	1096	119.4°	4	8.2	209.81	40.0	17.9	-45.82	804	60.7°	36.8	-120.34	1051	119.4°
4	223.25	35.0	15.2	-36.13	822	54.0°	40.9	-129.68	1121	126.1°	6	3.3	238.93	35.0	15.0	-36.19	768	54.0°	40.1	-129.86	1084	126.1°
5	252.36	30.0	12.7	-28.79	799	49.4°	43.8	-136.93	1138	130.7°	7	58.3	268.04	30.0	12.5	-28.83	739	49.4°	43.0	-137.14	1109	130.7°
6	281.48	20.0	1.1	-14.45	737	43.7°	49.1	-148.06	1155	136.5°	9	53.4	297.15	20.0	8.0	-17.48	698	43.8°	48.2	-148.29	1142	136.5°
7	310.59	0.	0.	0.	675	40.0°	58.9	-165.11	1139	140.3°	11	48.5	326.26	0.	0.	0.	659	40.0°	58.0	-165.33	1156	140.3°
8	339.70	-20.0	-12.4	28.99	665	43.8°	-46.7	148.67	1069	136.4°	13	43.6	355.38	-20.0	-8.0	17.49	675	43.8°	-47.5	148.48	1114	136.5°
9	368.82	-30.0	-14.4	36.26	682	49.5°	-41.6	137.68	1015	130.7°	15	38.7	24.49	-30.0	-12.4	28.86	705	49.4°	-42.3	137.32	1069	130.7°
10	397.93	-40.0	-17.6	45.91	721	60.7°	-38.9	130.19	981	126.1°	17	33.7	53.60	-40.0	-14.8	36.27	728	54.0°	-39.4	130.05	1039	126.1°
11	427.05	-45.0	-21.5	61.17	761	72.2°	-35.7	120.62	941	119.4°	19	28.8	82.71	-45.0	-17.7	45.88	759	60.7°	-36.7	120.49	1001	119.4°
12	456.16	-47.5	-26.4	83.28	820	90.0°	-31.6	105.45	886	107.8°	21	23.9	111.83	-47.5	-21.6	61.09	808	72.2°	-32.0	105.35	946	107.8°
13	485.28	-45.0	-21.5	61.17	761	72.2°	-26.5	83.33	820	90.0°	23	19.0	140.94	-47.5	-21.6	61.22	875	90.0°	-26.7	83.26	876	90.0°
JUNE 24, 1963											JUNE 28, 1963											
1	155.14	47.5	27.5	-83.02	974	90.0°	27.5	-83.07	974	90.0°	1	14.0	170.05	47.5	27.0	-83.15	916	90.0°	27.0	-83.20	916	90.0°
2	184.26	45.0	22.2	-60.95	904	72.2°	32.9	-105.10	1041	107.8°	3	9.1	199.16	45.0	21.8	-61.05	843	72.2°	32.3	-105.26	985	107.8°
3	213.38	40.0	18.1	-45.76	847	60.7°	37.4	-120.21	1086	119.4°	5	4.2	228.27	40.0	17.8	-45.83	790	60.7°	36.6	-120.39	1037	119.4°
4	242.50	35.0	15.1	-36.16	807	54.0°	40.7	-129.73	1113	126.1°	6	59.3	257.39	35.0	14.9	-36.20	755	54.0°	39.9	-129.93	1072	126.1°
5	271.62	30.0	12.6	-28.80	776	49.4°	43.6	-136.98	1132	130.7°	8	54.4	286.50	30.0	12.4	-28.84	728	49.4°	43.8	-137.19	1099	130.7°
6	300.74	20.0	1.1	-14.46	725	43.7°	49.0	-148.12	1153	136.5°	10	49.4	315.61	20.0	8.0	-17.48	689	43.8°	48.0	-148.35	1134	136.5°
7	329.86	0.	0.	0.	670	40.0°	58.6	-165.17	1138	140.3°	12	44.5	344.72	0.	0.	0.	657	40.0°	57.7	-165.39	1160	140.3°
8	358.98	-20.0	-12.4	29.01	664	43.8°	-46.9	148.62	1087	136.5°	14	39.6	13.83	-20.0	-8.0	17.49	679	43.8°	-47.7	148.63	1124	136.5°
9	388.10	-30.0	-14.4	36.26	681	49.5°	-41.8	137.64	1029	130.7°	16	34.7	42.95	-30.0	-12.4	28.85	713	49.4°	-42.5	137.27	1082	130.7°
10	417.22	-40.0	-17.6	45.93	722	60.7°	-35.8	130.55	957	119.4°	18	29.7	72.06	-40.0	-14.9	36.21	738	54.0°	-39.5	130.00	1054	126.1°
11	446.34	-45.0	-21.5	61.19	762	72.2°	-31.7	105.42	902	107.8°	20	24.8	101.17	-45.0	-17.8	45.85	771	60.7°	-36.4	120.45	1016	119.4°
12	475.46	-47.5	-26.4	83.27	834	90.0°	-26.5	83.32	834	90.0°	22	19.9	130.28	-47.5	-21.7	61.08	821	72.2°	-32.1	105.31	962	107.8°
JUNE 25, 1963											JUNE 29, 1963											
1	143.76	47.5	27.4	-83.05	960	90.0°	27.4	-83.10	960	90.0°	0	15.0	159.39	47.5	26.9	-83.18	899	90.0°	26.9	-83.23	899	90.0°
2	172.87	45.0	22.1	-60.98	894	72.2°	32.8	-105.14	1028	107.8°	2	10.1	188.50	45.0	21.7	-61.07	828	72.2°	32.2	-105.30	970	107.8°
3	201.99	40.0	18.0	-45.79	833	60.7°	37.2	-120.25	1075	119.4°	4	5.1	217.62	40.0	17.7	-45.85	777	60.7°	36.4	-120.43	1024	119.4°
4	231.10	35.0	14.9	-36.18	794	54.0°	40.5	-129.78	1104	126.1°	6	0.2	246.73	35.0	14.7	-36.21	743	54.0°	36.2	-120.48	1004	126.1°
5	260.22	30.0	12.5	-28.81	763	49.4°	43.4	-136.93	1125	130.7°	7	53.3	275.84	30.0	12.4	-28.85	718	49.4°	42.6	-137.25	1039	130.7°
6	289.34	20.0	1.0	-14.47	712	43.7°	48.7	-148.18	1150	136.5°	9	50.4	304.95	20.0	8.0	-17.49	682	43.8°	47.8	-148.40	1129	136.5°
7	318.46	0.	0.	0.	685	40.0°	58.4	-165.22</														