

PROJECT 10073 RECORD CARD

1. DATE 22 April 1963		2. LOCATION Kauai, Hawaii		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 23/0608Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 4 minutes		8. NUMBER OF OBJECTS one		9. COURSE SE or E	
10. BRIEF SUMMARY OF SIGHTING Reddish light same size as star in flight to SE or E observed at 80 dgr elevation in NW.				11. COMMENTS Jet a/c reported in area at high altitude at this time w/afterburner. Object conforms with this description and case evaluated as a/c. Echo over ATLANTIC OCEAN.	

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

INCOMING

NNNN

AF IN : 48234 (24 Apr 63) A/hk

Pg 1 of 2

INFO : NIN-9, XOP-1, XOPX-4, SAF-OS-3, ARMY-2, CMC-8, JCS-35,
OSD-15, CIA-11, NSA-7, DIA-20, DIA-CIIC-2 (118)

01

SMB B278

..... ZZ RUEAHQ

ZNR ZFD

KHB688

..... ZZ RUHLKM RUHPA RUHPB RUHPD RUHPQ RUHAFS RUAGFL RUUAZ RUAMCR
DE RUHLKH 3

ZNR

Z 230720Z

FM 326 AIR DIV KUNIA FACILITY HAWAII

TO RUHLKM/PACAF HICKAM AFB HAWAII

RUHAC/COMALSEAFROM KODIAK ALASKA

RUWSPG/COMWESTSEAFROM SAN FRANCISCO CALIF

RUHPQ/COMHAWSEAFRON PEARL HARBOR HAWAII

INFO RUEAHQ/COFS USAF WASHINGTON D C

RUWGALB/CINCNOAD ENT AFB COLO

RUHPA/CINCPAC CAMP H M SMITH HAWAII

RUHAFS/CINCUSARPAC FT SHAFTER HAWAII

0515 209.15

0545 82.65

116.50

0515

48.5

209.15

-148.18

20°N - 0603.5

61°W

ECHO AT 20°N 61°W

NOT OVER PACIFIC

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UNCLASSIFIED MESSAGE

I N C O M I N G

AF IN : 48234 (24 Apr 63)

Pg 2 of 2

RUHPB/CINCPACFLT PEARL HARBOR HAWAII

RUUAZ/COMUSJAPAF FUCHU AS JAPAN

RUAMCR/COMUSKOREA SEOUL KOREA

RUAGFL/COMUSTDC TAIPEI TAIWAF

RUHPD/COMASWFORPAC FORD ISLAND HAWAII

RUCSBR/CINCSAC OFFUTT AFB NEBR

RUECW/CNO WASHINGTON DC

RUECW/SECNAV WASHINGTON DC

AF GRNC

BT

UNCLAS/CIRVIS REPORT ~~XXXXXXXXXX~~ A NON-MILITARY RESIDENT OF
PORT ALLEN KAUAI HAWAII REPORTED SIGHTING A REDISH LIGHT SAME
SIZE AND COLOR AS A STAR 80 DEGREES ABOVE THE HORIZON MOVING
FROM THE NORTHWEST TOWARDS THE SOUTHEAST OR EASTERLY AT 23/0608Z
FOR ABOUT FOUR MINUTES. NO EVALUATION AT THIS TIME.

OF NOTE. JET AIRCRAFT WERE ON A HIGH ALTITUDE TEST RUN IN THE
AREA AT THIS TIME AND IN AFTERBURNER.

BT NOTE: ADVANCE COPY DELIVERED TO XOPX, DIA, NIN,
SUSPECTED DUPE OF AF IN 45464 (23 Apr 63)

23/0730Z APR RUHLKH

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STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

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01

AF IN : 45464 (23 Apr 63) C/doc

Page 1 of 2

INFO : DIA-20, DIA/CIIC-2, XOP-1, XOPX-4, NIN-9, SAF-OS-3, ARMY-2
CMC-8, JCS-35, OSD-15, CIA-11, NSA-7 -118-

SMB A153

ZCHQA768ZCUJA168

***** ZZ RUEAHQ

DE RUHLKH 3H

ZNR

Z 230720Z

FM 326 AIR DIV KUNIA FACILITY HAWAII

TRUHPKM/PWCAF HICKAM AFB HAWAII

RUKAC/COMALSEAFRON KODIAK ALASKA

RUWS/PG/COMWESTSEAFRON SAN FRANCISCO CALIF

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INCOMING

AF IN : 45464 (23 Apr 63)

Page 2 of 2

RUCSBR/CINCSUC OFFUTT AFB NEB

RUECW/CNO WASHINGTON DC

RUECW/SECNAV WASHINGTON DCN

AF GRNC

5

UNCLAS/CIRVIS REPORT MR [REDACTED], A NON-MILITARY RESIDENT OF
PORT ALLEN KAUAI HAWAII REPORTED SIGHTING A REDISH LIGHT SAME
SIZE AND COLOR AS A STAR 30 DEGREES ABOVE THE HORIZON MOVING
FROM THE NORTHWEST TOWARDS THE SOUTHEAST OR EASTERLY YAZ 23/0608Z
FOR ABOUT FOR MINUTES. NO EVALUATION AT THIS TIME.
OF NOTE. ~~JET~~ AIRCRAFT WERE ON ~~ON~~ HIGH ALTITUDE TEST RUN IN THE
AREA AT THIS TIME AND IN AFTER BURNER.

BT

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223/# 0730Z APR RUHLKH

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INCOMING

AF IN : 45509 (23 Apr 63) C/doc

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CMC-8, JCS-35, OSD-15, NSA-7, CIA-11 -118-

B 157
NNNNNSWA879LKA215KHA803

..... ZZ RUECW

DE RUHLKH 107S

ZNR

UNCLAS SVC ZUI DE RUEC 144P X CITING PWA 120

KHB689

..... ZZ RUWSPG RUECW RUKAC RUEAHQ RUWGALB RUCSBR

DE RUHLKH 3H

ZNR

Y 230720Z

FM 326 AIR DIV KUNIA FACILITY HAWAII

TO RUHLKM/PWCAF HICKAM AFB HAWAII

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I N C O M I N G

AF IN : 45509 (23 Apr 63)

Page 2 of 2
NNNN

RUCSBR/CINCSAC OFFUTT AFB NEB

RUECW/CNO WASHINGTON DC

RUECW/SECNAV WASHINGTON DCN

AF GRNC

BT

TUNCLAS/CIRVIS REPORT MR. [REDACTED] A NON-MILITARY RESIDENT OF
PORT ALLEN KAUAI HAWAII REPORTED SIGHTING A REDISH LIGHT SAME
SIZE AND COLOR AS A STAR 80 DEGREES ABOVE THE HORIZON MOVING
FROM THE NORTHWEST TOWARDS THE SOUTHEAST OR EASTERLY AT 23/0608Z
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23/0730Z APR RUHLKH

NOTE: ADVANCE COPY TO DIA, NIN & XOPX.
CORRECTED COPY OF AF IN : 45464 (23 Apr 63)

ECLIPSE S-A				SATELLITE 1960 JOTA 1 FOR OTHER LATITUDES									
TIME (UT)	LONG. (W)	LAT.		SOUTH-NORTH				NORTH-SOUTH					
				TIME CORR.	LONG. CORR. (MI)	HT. (IN-E)	BEAR.	TIME CORR.	LONG. CORR. (MI)	HT. (IN-E)	BEAR.		
APRIL 21, 1963													
1 20.4	241.14	47.4		28.8	-82.69	877	90.0	28.8	-82.73	877	90.0		
1 18.0	240.37	48.0		23.7	-80.87	890	72.5	33.9	-104.55	847	107.5		
5 13.4	240.54	48.0		19.6	-44.54	902	60.8	36.0	-119.84	861	119.2		
7 6.3	370.35	34.0		16.5	-37.90	911	54.1	41.0	-129.54	859	129.3		
9 2.1	147.94	30.0		13.4	-78.37	919	49.4	43.6	-138.89	858	138.5		
10 57.5	240.11	20.0		9.0	-17.29	926	43.7	48.4	-148.71	840	148.3		
12 52.8	34.27	0.0		0.0	0.0	960	38.9	57.0	-155.57	874	156.0		
14 40.1	100.00	-20.0		4.1	17.25	980	43.7	-44.7	147.86	906	136.3		
16 31.7	149.44	-34.0		-14.0	35.37	986	49.4	-44.9	146.57	921	130.1		
18 24.0	147.84	-48.0		-16.0	30.34	987	54.0	-47.7	129.24	934	124.0		
20 19.0	147.84	-60.0		-20.0	45.45	987	60.8	-49.1	114.61	946	119.2		
22 17.0	100.00	-64.0		-26.1	60.77	993	72.4	-44.9	104.31	959	107.6		
24 17.4	240.37	-67.4		-29.6	82.55	974	90.0	-29.6	82.55	974	90.0		

APRIL 22, 1963													
0 3.1	341.00	-71.4		-34.9	124.67	892	90.0	28.7	-82.71	880	90.0		
2 20.3	240.37	-75.0		-38.8	140.85	894	72.5	34.0	-104.53	865	107.5		
4 17.8	147.84	-78.0		-42.7	156.53	907	60.8	38.1	-119.87	863	119.2		
6 15.0	147.84	-81.0		-46.6	172.21	917	54.1	41.1	-129.57	857	129.3		
8 12.1	147.84	-84.0		-50.5	187.89	925	49.4	43.7	-138.87	856	138.5		
10 9.2	147.84	-87.0		-54.4	203.57	931	43.7	48.4	-148.70	856	148.3		
12 6.3	147.84	-90.0		-58.3	219.25	936	38.9	57.1	-155.56	870	156.0		
14 3.4	147.84	-93.0		-62.2	234.93	941	33.0	-44.7	147.87	898	136.3		
16 1.5	147.84	-96.0		-66.1	250.61	946	27.1	-44.9	146.57	917	130.1		
18 0.0	147.84	-99.0		-70.0	266.29	951	21.2	-47.7	129.24	931	124.0		
20 0.0	147.84	-102.0		-73.9	281.97	956	15.3	-49.1	114.61	946	119.2		
22 0.0	147.84	-105.0		-77.8	297.65	961	9.4	-44.9	104.31	959	107.6		
24 0.0	147.84	-108.0		-81.7	313.33	966	3.5	-29.6	82.55	974	90.0		

APRIL 23, 1963													
1 24.1	240.37	-71.4		-34.9	124.67	894	90.0	29.0	-82.69	883	90.0		
3 20.1	240.37	-75.0		-38.8	140.85	899	72.5	34.1	-104.51	870	107.5		
5 15.1	240.37	-78.0		-42.7	156.53	912	60.8	38.2	-119.85	861	119.2		
7 10.1	240.37	-81.0		-46.6	172.21	924	54.1	41.2	-129.50	856	129.3		
9 5.1	240.37	-84.0		-50.5	187.89	933	49.4	43.6	-138.85	854	138.5		
11 0.1	240.37	-87.0		-54.4	203.57	940	43.7	48.5	-148.70	853	148.3		
13 50.1	34.27	-90.0		-58.3	219.25	947	38.9	57.1	-155.55	865	156.0		
15 42.1	149.44	-93.0		-62.2	234.93	952	33.0	-44.7	147.88	891	136.3		
17 34.1	149.44	-96.0		-66.1	250.61	957	27.1	-44.9	146.59	910	130.1		
19 26.1	149.44	-99.0		-70.0	266.29	962	21.2	-47.7	129.25	920	124.0		
21 18.1	149.44	-102.0		-73.9	281.97	967	15.3	-49.1	114.62	931	119.2		
23 18.1	100.00	-105.0		-77.8	297.65	972	9.4	-44.9	104.32	949	107.6		
25 18.1	240.37	-108.0		-81.7	313.33	977	3.5	-29.6	82.56	961	90.0		

APRIL 24, 1963													
0 24.1	240.37	-71.4		-34.9	124.67	895	90.0	29.0	-82.67	884	90.0		
2 20.1	240.37	-75.0		-38.8	140.85	900	72.5	34.1	-104.44	872	107.5		
4 15.1	240.37	-78.0		-42.7	156.53	913	60.8	38.2	-119.83	862	119.2		
6 10.1	240.37	-81.0		-46.6	172.21	926	54.1	41.3	-129.48	857	129.3		
8 5.1	240.37	-84.0		-50.5	187.89	935	49.4	43.7	-138.84	854	138.5		
10 0.1	240.37	-87.0		-54.4	203.57	942	43.7	48.6	-148.70	853	148.3		
12 50.1	34.27	-90.0		-58.3	219.25	949	38.9	57.2	-155.54	865	156.0		
14 42.1	149.44	-93.0		-62.2	234.93	954	33.0	-44.7	147.89	892	136.3		
16 34.1	149.44	-96.0		-66.1	250.61	959	27.1	-44.9	146.60	911	130.1		
18 26.1	149.44	-99.0		-70.0	266.29	964	21.2	-47.7	129.26	922	124.0		
20 18.1	149.44	-102.0		-73.9	281.97	969	15.3	-49.1	114.63	933	119.2		
22 18.1	100.00	-105.0		-77.8	297.65	974	9.4	-44.9	104.33	949	107.6		
24 18.1	240.37	-108.0		-81.7	313.33	979	3.5	-29.6	82.57	962	90.0		

ECLIPSE S-N				SATELLITE 1960 JOTA 1 FOR OTHER LATITUDES									
TIME (UT)	LONG. (W)	LAT.		SOUTH-NORTH				NORTH-SOUTH					
				TIME CORR.	LONG. CORR. (MI)	HT. (IN-E)	BEAR.	TIME CORR.	LONG. CORR. (MI)	HT. (IN-E)	BEAR.		
APRIL 25, 1963													
1 20.1	240.37	47.4		29.1	-82.61	893	90.0	29.1	-82.65	893	90.0		
3 24.4	240.37	45.0		24.0	-60.80	911	72.5	34.2	-104.47	876	107.5		
5 19.6	316.72	40.0		19.6	-45.45	927	60.8	38.3	-119.80	864	119.2		
7 15.2	347.30	34.0		16.7	-35.86	938	54.0	41.3	-129.44	857	129.3		
9 10.6	17.08	30.0		14.0	-26.53	947	49.4	44.0	-138.81	852	138.5		
11 5.9	46.77	20.0		9.1	-17.25	962	43.7	48.7	-148.13	857	148.3		
13 1.2	78.44	0.0		0.0	0.0	981	38.9	57.3	-155.51	859	156.0		
14 51.6	104.62	-20.0		4.2	17.24	983	43.7	-44.0	147.90	901	136.3		
16 52.0	131.81	-34.0		-14.1	35.34	991	49.4	-44.0	146.59	911	130.1		
18 51.3	160.00	-48.0		-16.7	35.81	993	54.0	-42.1	129.26	926	124.0		
20 47.7	188.17	-60.0		-20.1	45.42	993	60.8	-39.1	119.62	936	119.2		
22 40.1	221.35	-74.0		-24.4	60.71	974	72.4	-34.2	104.31	957	107.6		
24 30.1	251.53	-87.4		-29.6	82.49	957	90.0	-29.6	82.53	957	90.0		

APRIL 26, 1963													
0 31.5	250.51	47.4		-29.2	-82.59	898	90.0	29.2	-82.63	898	90.0		
2 27.8	279.71	45.0		-24.1	-60.79	918	72.5	34.3	-104.45	879	107.5		
4 24.2	308.89	40.0		19.5	-45.44	936	60.8	38.4	-119.78	866	119.2		
6 20.5	338.00	34.0		16.8	-35.85	945	54.0	41.5	-129.43	859	129.3		
8 16.8	7.04	30.0		14.1	-26.52	954	49.4	44.1	-138.78	852	138.5		
10 12.2	36.54	20.0		9.4	-17.25	969	43.7	48.8	-148.11	857	148.3		
12 7.6	65.62	0.0		0.0	0.0	986	38.9	57.4	-155.49	858	156.0		
14 1.0	94.80	-20.0		-9.2	17.23	994	43.7	-44.5	147.72	870	136.3		
16 54.3	121.08	-34.0		-14.1	35.34	991	49.4	-44.0	146.61	894	130.1		
18 51.7	150.16	-48.0		-16.9	35.81	997	54.0	-42.1	129.27	909	124.0		
20 47.1	179.34	-60.0		-20.1	45.42	991	60.8	-39.0	119.64	912	119.2		
22 42.5	208.52	-74.0		-24.4	60.71	969	72.4	-34.8	104.33	930	107.6		
24 37.9	237.70	-87.4		-29.6	82.49	951	90.0	-29.6	82.53	951	90.0		

APRIL 27, 1963													
1	31.1	260.69	47.4		-29.3	-82.57	905	90.0		29.3	-82.61	905	90.0
3	27.4	289.87	45.0		-24.1	-60.77	926	72.5		34.4	-104.42	884	107.5
5	23.7	319.05	40.0		19.0	-45.46	942	60.8		38.5	-119.75	870	119.2
7	20.0	348.23	34.0		16.3	-35.83	953	54.0		41.6	-129.40	860	129.3
9	16.3	377.41	30.0		14.1	-26.51	962	49.4		44.2	-138.76	853	138.5
11	12.6	406.59	20.0		9.2	-17.24	976	43.7		48.9	-148.09	857	148.3
13	8.9	435.77	0.0		0.0		991	38.0		53.6	-157.42	861	157.6
15	5.2	464.95	0.0		0.0		1005	32.3		58.5	-166.75	865	166.9
17	1.5	494.13	0.0		0.0		1019	26.6		63.4	-176.08	869	176.2
19	0.0	523.31	0.0		0.0		1033	20.9		68.3	-185.41	873	185.5
21	0.0	552.49	0.0		0.0		1047	15.2		73.2	-194.74	877	194.8
23	0.0	581.67	0.0		0.0		1061	9.5		78.1	-204.07	881	204.1
25	0.0	610.85	0.0		0.0		1075	3.8		83.0	-213.40	885	213.4
27	0.0	640.03	0.0		0.0		1089	0.0		87.9	-222.73	889	222.7
29	0.0	669.21	0.0		0.0		1103	0.0		92.8	-232.06	893	232.0
31	0.0	698.39	0.0		0.0		1117	0.0		97.7	-241.39	897	241.3