PROJECT 10073 RECORD CARD

1. DATE 15 June 1963	2. LOCATION 33.40N 175.00W	(Pacific)	12. CONCLUSIONS						
3. DATE-TIME GROUP Local GMT 16/0947Z S. PHOTOS D You XD No	4. TYPE OF OBSERVATIO Ground-Visual Air-Visual 6. SOURCE military	N Ground-Roder Air-Intercept Reder	Possibly Balloon Was Aircraft Probably Aircraft Possibly Aircraft Was Astronomical Probably Astronomical Possibly Astronomical Possibly Astronomical						
7. LENGTH OF OBSERVATION 11 minutes	8. NUMBER OF OBJECTS	9. COURSE NE	Insufficient Date for Evaluation Unknown						
One bright white object about star appearing at 30 deg election of the star appearing at 30 deg election. In sight for 11 min.	evation heading	At 16/0907Z ECHO crossed the equator heading NE at 137 deg E. This places the Satellite in a sposition to be observed by the witnesses.							

ATIC FORM 329 (REV 26 SEP 52)

INCOMING

AF IN: 1838 (16 Jun 60) S/jej

Pg 1 of 2 INFO: NIN-9, XOP-1, XOPX-4, SAF-OS-3, Army-2, Navy-2, CMC-8, JCS-35, OSD-15, CIA-11, NSA-7, DIA-25, DIA/CIIC-2

SMB CØ18

ZCHQA533ZCE CAØ86

.... YY RUEAHQ

DE RUHPF BØ24

ZNR

Y 161011Z

FM COMBARPAC

TO RUHPHH/COMHAWSEAFRON

RUHLKM/CINCPACAF

RUAUAAH/HADD KUNIA

ZEN/CINCNORAD

INFO RUECW/CNO

RUEAHQ/COFS USAF

RUHPA/ CINCPAC

RUHPB/CINCPACFLT

RUHAFS/CINCUSARPAC

RUHLKM P/PACAFBASE COM HICKAM

RUECW/SECNAV

NAVY GRNC

BT

UNCLAS.

- A. JANAP 146D
- 1. CIRVIS REPORT
- 2. BARRIER AIRCRAFT N43200

INCOMING

AF IN: 1838 (16 Jun 630)

Pg 2 of 2

- 3. ONE BRIGHT WHITE OBJECT ABOUT SIZE OF STAR
- 4. AIRCRAFT POSIT 33-40N 175-00W
- 5. 160930Z
- 6. 30 DEGREES ABOVE HORIZON
- 7. COURSE 050 DEGREES
- 8. SPEED SLOW
- 9. OBJECT 45 DEGREES ABOVE HORIZON AT 0936Z
 OBJECT FADED 15 DEGREES ABOVE HORIZON AT 0947Z
- 10. EVALUATION UNKNOWN

BT

16/10122

NOTE: Adv cy delivered to XOPX, NIN & DIA.

INFO

1861 (16 Jun 63) M/gjl

: NIN-9, XOP-1, XOPX-4, SAF-OS-3) JCS-35, ARMY-2, CMC-8, OSD-15, CIA-11, NSA-7, DIA-25, DIA/CIIC-2 (123)

Page 1 of 2.

SMB AØ26

CHQA539ZCQJA132

OO RUEAHQ

DE RUHLKH 3

ZNR

0 161Ø39Z

FM 326 AIR DIV KUNIA FACILITY HAWAII TO RUHLKM/PACAF HICKAM AFB HAWAII

RUHPHH/C CM HAWSEAFRON PEARL HARBOR HAWAII

INFO RUEAHO/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

RUAUAZ/COMUSJAPAN FUCHU AS JAPAN

RUAMC/C OM USKOREA SEOUL KOREA

RUAGFL/COMUSTDC TAIPEI TAIWAN

RUCSBRB/C INCSAC OFFUTT AFB NEBR

AF GRNC

BT

UNCLAS/HADOC-D 1068 CIRVIS

STARF MESSAGE BRANCH
UNDASSAGE BRANCH
UNDASSAGE BRANCH
IN C 9 M | N G

AF IN : 1861 (16 Jun 63)

Pg 2 of 2.

1 47. 4 5

PACIFIC BARRIER A/C NAVY-1 43200

SIGHTED ONE BRIGHT WHITE OBJECT ABOUT THE SIZE OF A STAR

33 DEGREES 40 MINS NORTH 175 DEGREES 00 MIN WEST A 16/0930Z

INITIALLY APPEARED 30 DEGREES ABOVE THE HORIZON HEADING 050

DEGREES, TRAVERSED TO 45 DEGREES ABOVE HORIZON AT 16/0936.

FADED 15 DEGREES ABOVE HORIZON A 16/0947Z SPEED SLOW. NO

ELALVATION.

BT

16/1041Z JUN RUHLKH

NOTE: Adv cy's del to NIN, DIA, and XOPX.

MATRIA

JUNE 5, 1963

SATELLITE 1960 IDTA 1, ECHO I

These predictions are based on orbital elements revised on June 3, 1963

T. - June 4.0, times are in days, U.T.

Argument of periods - 274:366 + 3:3877 (t-T.)

Right ascension of secunding node - 203:064 - 3:2982 (t-T.)

Inclination = 47:2357

Eccentricity = 0.044912 + 6.22 x 10⁻⁴ (t-T_s)

Seai-major exis = 7.842635 magameters

Nean anomaly (kev.) = 0.32530 + 12.498859 (t-T_s) + 3.0853 x 10⁻⁴ (t-T_s)²

			SA	HILTIE	1940 1	I ATO								-							
S-N SOUTH-NORTH			TITUOES		ROTATOR					SATELLITE 1960 10TA L											
TIME	LUNG.	LAT.	TIPE	O MILLAND DO		BEAR.	TIME	LONE.	SOUTH .	BEAR.	S-		10.3	- t-855	SOUTH-	NORTH			NORTH-	SOUTH	
- (tal)	(m)		CORR.	CORR.	(141)		CORA.	COAR.	\$40 mm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 Charles 100 Ch	TIME	LONG.	LAT.	CORR.	CORR.	The second second second	REAR.	TIME CORR.	CORR.	HT.	BEAR.
and the second	82			JUN	E 0,	1963	OF THE	2 - 554		· 大麻山产					100						"" "
	40.47	47.4	20.4		the Court	39 73 34		5 1 19 2 3	3050	1	1 11 4	106.43	47.4	29.3	-82.56	1119	90.0	29. 1	-82.60	1119	90.00
3 14.1	119.79	45.0	222	-82.43	1103		Law to	-82.46	110000000000000000000000000000000000000	107.70	770 034007	135.54	45.0	THE RESERVE OF THE PARTY OF THE	-60.73	1071	12.30		-104.41	75 T 65 H 65 H	107.70
5 30.2	140.90	40.0	19.8				52354547754V	-119.41	1.50 CO 100 CO 1		5 23.7	164.65	40.0	19.3	-45.54	1023			-119.55		- C12 (24) 250
T 24.3	178.02	35.0	16.5			34.00		-120.95		126.10		193.76	35.0	The state of the s	-35.95		49.40		-129.06		130.70
11 14.5	214.24	30.C 20.Q	0.1	-28.54		49.40		-136.22				251.99	20.0	100000000000000000000000000000000000000	-17.37		43.10	978 U.S. 187-04, S	THE RESIDENCE OF THE PARTY OF T		136.40
13 9.4	76.165	0.	0.	0.	824			-164.50		140.10		281.10	0.	0.	0.		40.00		-164.65		1+0.20
BELL TO	294.49	-20.0	-8.4	17.41	227531453	43.80		148.98	108	136.30	14 54.1		-30.0	-12.6	20.84		49.50		137.49		130.60
14 54.0	151.13	-10.6	-12.4	36.16	708		-40.7			130.50	16 54.2		-35.0	-15.0	36.23	The second second	34.10	E-12-1-12-1-12-1	130.35	21237	120.00
29 30.0		-40.0	-10,1	45.84	607	ALCOHOLD TO	-35.3			119.20	20 44.4		-40.0	-17.8	45.92	671	60.80	-35.1	120.70	786	119.20
53 48-1	10.16	-45.0	-21.9	61-19	485	A CONTRACTOR OF THE PARTY OF TH	-31.4		151.	107.60	22 39.4	66.66	-45.0	-21.6	61.26	679	90.00	-31.1	22 2002	745	107.60
and the second	hat.	-47.4	-20.6	13.24	495	90,00	-50.0	63.26	693	90.00	The same of the same of		-47.4	-26.3	63.32	103	*0.0-	-24.3	*3.36	105	10.00
是一种的一种。 是一种工作,	1	1 31 5	V 133	JUN	€ 1,	1943	1 2		eset a				13.3	19	JUN	F-13,	1963	2 -			
*****	40.00	47.4	29 7	-87.66			AND PARTY				0 14.5	95.77	47.4	29.2	-02.60	1111	90.00	29.2	-82.64	1113	90.00
2 39.3	101.19	45.0	24.1			72.30		-104.30			7 4 1 2	124.00	45.0		-60.76	CONTRACTOR TO SECURITION OF THE RESIDENCE OF THE PARTY OF	and the second of the second o		-104.45		
9 3Q.4	198.31	40.0	19.1	-45.45	1056	60.70		-119.44	and the second s	Control of the Contro		153.94	40.0		-45.57				-119.59		
THE RESERVE AND THE PROPERTY OF THE PARTY OF	194.54	35.0	16.4	-35.84		49.40		-124.98	And the second second second			217.71	30.0		-35.98		49.40	Print the Brief Service	-129.12	The Second Property and the Se	130.70
10 15.7		20.0	4.7			43.70	March 2017 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-136.24			10 9.9	The state of the s	20.0		-17,36	ALL PAROLON	43.70	31.1	-147.53	1126	136.44
	The state of the s	0.	0.	0.	814	46.00	60.9	-164.60	985	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	12 5.0		0.	0.	0.		40.00		148.48		136.30
12 1:3	313-00	-10.0	-12.4	24.79	729 TOB	49.50	-45.4	148.90		134.30	15 56.6	320.66	-20.0	-12.6	The state of the s	A	49.50		137.69		130.60
17 54.1	342.12	-15.0	-15.2	\$6.10	BBC 10 67 67 8	4.10		137.47		9 700D D100E00	17 50.2	The second second	-35.0	-15.0	34.24	11.647	54.10	-38.0	130.35	632	
19 51.2	11-20	-40.0	-10.1	45.84	482	40.80	-35.2	11 1 To 1	12/4/25/4/	119-20	19 45.3	The state of the s	-40.0	-17.0			12.40		120.71	796	107.60
21 41-1	49.15	-47.0	-21.6	63.24	1000000	90.00	-71,3	A-100 (A) 15 (100 M)	170	107.60	21 48.3		-47.4	-21.5		The second second	90.0	-26.3		709	90.0-
23 41.3				A CONTRACTOR	To be book			83.30	200	**.0.	S STATE			G. 1. 5			2221				
			- 4	, JUN	£ 10.	1963	170	Bright V.	Ath	1 11 12	STATE OF		1	111	JUA	WE 14,	1963				
1 36.4		47.4	0.0000000000000000000000000000000000000	-82.49				-42.55			1 30.5	114.21	47.4	24.0	-82.64	1104	40.00	79.0	-82.68	1106	90.0
5 20.A	154.81	40.0	The second second	-40.66	THE POST OF THE PO	72.30		-104.34				143.32	45.0		-60.79		CV-100011		-104.50		167.7
7 21.7	105.53	35.6		-45.40		- 54.00	A STATE OF THE PARTY OF THE PAR	-119.48		124.10	7 15.7		35.0	19.9	-47.60	100 MIN 100 TK. 10	54.00		-119.63	12720000	1.12
16.8	215.04	10.0	2012/07/2013	-10.40		49.40	March 12 (1972)	-134.27	The Book of March 1981			230.65	30.0	11.2		100 100 100 100 100	49.40	02.00 to 60.00 to 60.	-136.42	12. ICA/14.Pm/	130. 70
		20.0	1.1	-17.34	910		THE RESERVE OF THE PARTY OF THE	-147.45		136.40	11 5.0		20.0	1.5	100 March 2012 N. O. 1991	Management and the second	43.70	911 (20 =)-21	-147.57		136.4
13 7.0		-20.C	-4.3	17.49	11233-03-03	43.80		148.99		134.30	2 The Section 12 Control of the Cont	317.97	-20.0	-4.2	17.47	CHARLES ACCOUNT	43.80		148.97		130.30
16 57-2		-30.0	-12.7	28.81		49.50		137.44	Company of the Company of the Company			347.08	-30.0	-12.5		Market Control	49,50		137.49		
19.25.5	0.41	-37.0	-13.2	36.19	11 (2000) 10 (10 (10 (10 (10 (10 (10 (10 (10 (10	34.10	-38.1	130.32	799	120.00	18 46.1	10.17	-35.0	-19.9	36.76	603	34.10		130.36		1 (1 (3 - 1) A (1) (1)
22 42.4	54.44	-40.0	-15.0	45.88		40.80	-35.2	120.66	746	119.20	20 41.2	45.30		-17.1	The second second	100 March 1777 (1975)	60.60		120.12	1000	107.6
Yall	15	-47.4	1144233101021	\$1.25	690	94.00	-26.9	101,36	3490	90.00	. , 22 14.2	74.41	77.0	-21.5	The second secon		12.40		-43.39		
The state of the s				NAT WAS	14.00	790.00		43.37	7	a rid	* to		offsery.	1	STAR OF	-		93	PERS.		211.5
	2017	4 1957	13-16	344	e tie	1961	A		OF SE		1980	1 - 2 m	14.04	4. (4. 4)	JU	ie 12.	1009	THE PERSON NAMED IN		3.1	11 200
0 37.5	87.96	47.4	29.5	-07-52	1175	90.04	180	-01.50	1123	1.40.00	1.0. 0 11.5	103.52	47,4		-82.48				-82.72	11/12/13/14	
	The second second second	45.0	Company of the second					-104.31			384.3	132.45	45.0	23.7	-45.62	1034	60.70		-104.54		
1.15 6 4	144.10	40.C	. 19.4	-45.51	1035	AC.74.	30.8	-119.31	2156	114.40	WHEN THE RESERVE AND A STATE OF	190.64	35.0		-34.02		34.00	* 42.5	-129,21	1145	126-1
6 22.6 8 17.4	204.41	30.0		The state of the s				-124.05		BERTHAM TO THE STATE OF THE STA	· 11.5	219.95	10.0	\$ 13.1	-24.70	903	49.40		-134.44		
10 12.0		20.0	The state of the s	-1 T. 15	896	43.74	7. 51.4	-141.47	1105	136,44	10 4.6	244.06	50.6	0.1	0.		40.00		-164.72	The Transfer of Bank	The second secon
12	257.04	0.	. 0.	0.		40.00		-164.65			A STATE OF THE STA	307.14	-20.0		- LT.44			-45.5	148.74	958	116.1
15 56.2	THE RESERVE TO SERVE AND ADDRESS OF THE PARTY OF THE PART	-30.0	-12.7	28.82		49.50	The second of th	117.69	Company of the Compan	THE RESERVE OF THE PARTY OF THE	7 15 51.8	334.36	-30.0	-12.5	20.80	640	49.50		137.69		
17 51.3		-95.0	-15.1	36.21	477	54.10	-30.0	130,34	809	126.00	17 46.9		DESCRIPTION OF THE RESERVE AND ADDRESS OF THE RE		45.96	DESCRIPTION OF THE PROPERTY OF	60.80	U-2-V-2-C-V-	120.72	The second second	
14 48.3	19.09	-40.0						120.49			21 37.0	43.71						-31.0	105.42	771	107.6
21 49.4	48.20	-43.0	-21. L	61.251	MAL 0 00	12.99	- Falaz	105:38	138	IBY-AA				****	41_3A	721	1 90.00	-24.2	83.40	151	90.0