

NOTICE: THIS
DOCUMENT
TRACES THE
EXACT HISTORY
OF THE UN-
CORRELATED ITEMS

March 5, 1987
FAA, Alaskan Region
Public Affairs Office
701 C Street, Box 14
Anchorage, Alaska 99513

COMPUTER CDR PRINTOUT
Reference to Japan Air Lines Flight #1628
November 17, 1986, 5:19 pm AKST
RECORDED FAA RADAR DATA

TIME:11/18/86, 02:11.23 UTC
11/18/86, 02:49.13 UTC*

(38 minutes computer time)
(20 minutes between first and last uncorrelated return)

RANGE:35-215, **AZIMUTH:** 1-90

1550 = Computer assignment number for JAL #1628.

RB = Reinforced Beacon return (Normal)
RT = Primary radar return, uncorrelated (Skin/surface)
BT = Secondary radar return, (Beacon/transponder)

Number of pages in computer printout = 15
Pages with uncorrelated returns: 2,3,4,5,6,7,10.

19 = NUMBER OF UNCORRELATED RETURNS
86 = NUMBER OF USABLE RADAR RETURNS
105 = TOTAL NUMBER OF RETURNS FOR ABOVE TIME FRAME.

0219:15, (5:19 pm) Pilot first questioned ARTCC re other traffic.
0253:13, (5:53 pm) Pilot said, "I couldn't see UFO".

*UTC = UNIVERSAL TIME COORDINATED

3/3/87

CDR EDITOR LISTING

D1--

DATA SELECTED

BT RT RB

FILTERS

TIME: 11/18/86 02:11:00-11/18/86 02:59:00 CONTROLLER: _____
ALTITUDE: - ACIL: _____ SUBSYSTEM: 01
BEACON CODE: RANGE: 35-215 AZIMUTH: 1-90
ETC: N INTERFACILITY: _____

①

STIME=TIME.		Range+Azimuth Direction equal JAL #1628				11/18/86		PAGE 1	
BEACON	TARGET REPORTS	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
	STIME								
	2:11:23.549	185.00	862	75	7			RT	1
SUBSYS	= 1 TOTAL =	1							
	2:11:33.700	194.75	153	13	7	1550-3	350-3	RB	1
	2:11:35.518	103.25	808	71	7			RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:11:45.735	193.12	153	13	7	1550-3		UNCORRELATED	RB
	2:11:47.619	103.37	807	70	7			PRIMARY	RT
SUBSYS	= 1 TOTAL =	2						RETURN (skin)	RB
	2:11:57.761	191.50	154	13	7	1550-3	350-3	RT →	RT
	2:11:59.637	103.25	806	70	7				
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:12:09.786	169.87	155	13	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:12:21.827	188.25			7	1550-3		RB	1
SUBSYS	= 1 TOTAL =	1							
	2:12:33.603	144.37	DISTANCE BETWEEN SIGNAL RETURN					RT	1
		186.75	RT/BT					RT	1
		186.50	1/8 to 1/4 MILE			1550-3	1550- Computer assigned number for JAL#1628	BT	1
		103.25			7			BT	1
SUBSYS	= 1 TOTAL =	4	MOI						
	2:12:35.481	184.87			0	1550-3		BT	1
SUBSYS	= 1 TOTAL =	1	MOI						
	2:12:57.718	183.25	160	14	0	1550-3	351-3	BT	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:09.799	181.62	160	14	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:21.829	180.00	161	14	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:33.723	178.37	163	14	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:45.810	144.12	146	12	7			RT	1
		176.75	165	14	7	1550-3	350-3	RB	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:13:57.836	175.12	164	14	7	1550-3	350-3	RB	1
	2:14:09.551	144.12	37	3	7			RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:14:09.926	173.50	167	14	7	1550-3	350-3		
	2:14:11.807	103.25	810	71	7				
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:14:21.952	171.87	167	14	0	1550-3	350-3	BT	1
		171.62	169	14	7			BT	1
		103.25	806	70	7			RT	1
SUBSYS	= 1 TOTAL =	3	MODE C TOTAL =	1					
	2:14:34.042	170.12	172	15	7			RT	1
		170.25	169	14	0	1550-3	350-3	BT	1
		103.25	807	70	7			RT	1
SUBSYS	= 1 TOTAL =	3	MODE C TOTAL =	1					
	2:14:35.918	168.62	170	14	7	1550-3	350-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:14:57.954	167.00	172	15	7	1550-3	349-3	RB	1
	2:14:59.833	103.37	807	70	7			RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:15:10.041	165.37	173	15	7	1550-3	349-3	RB	1

DISTANCE BETWEEN
SIGNAL RETURN
RT/BT
1/8 to 1/4 MILE

1550-3

1550- Computer
assigned
number
for
JAL#1628

EXAMPLE OF
COORDINATED
or rein-
forced return

RB-NORMAL
reinforced
beacon
(return)
RT-PRIMARY
Return
(Uncorrelated
Skin/Surface
BT-SECONDARY
(Transpond.)

2

BEACON TARGET REPORTS				11/18/86		BEACON		ALT	PAGE	2
STIME	RANGE	AOP	DEG	Q	DEG	Q	DEG	Q	QUA	SYS
2:15:10.416	35.25	240	21	7	1200-3				RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2							
2:15:22.069	163.75	175	15	7	1550-3				RB	1
2:15:22.444	35.75	238	20	7	1200-3				RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2							
2:15:34.159	162.25	175	15	7	1550-3				BT	1
	162.12	178	15	7	1550-1				RB	1
	36.37	235	20	7	1200-3				RB	1
2:15:36.038	103.25	807	70	7					RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2							
2:15:46.239	160.75	178	15	7	1550-3	349-3			RT	1
	160.50	177	15	0	1200-3				BT	1
	37.00	231	20	7					RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1							
2:15:58.083	158.87	178	15	7	1550-3	349-3			RT	1
	159.00	179	15	0	1200-3	75-3			BT	1
2:15:58.458	37.62	231	20	7					RB	1
2:16:00.024	103.25	807	70	7					RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2							
2:16:10.170	157.25	180	15	7	1550-3	349-3			RB	1
	38.25	226	19	0	1200-3	75-3			BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2							
2:16:22.196	155.75	182	15	7	1550-3	349-3			RB	1
	38.87	226	19	0	1200-3	75-3			BT	1
2:16:24.132	103.25	806	70	7					RT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2							
2:16:34.300	154.12	184	16	7	1550-3	349-3			RB	1
	39.50	223	19	7					RT	1
2:16:36.178	39.37	225	19	0	1200-3	75-3			BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2						RT	1
2:16:46.324	152.37	186	16	7	1550-3	349-3			RT	1
	152.50	186	16	0	1200-3	75-3			BT	1
	40.00	222	19	7					RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2							
2:16:58.344	150.87	187	16	7	1550-3	349-3			RB	1
	40.50	219	19	7	1200-3	75-3			RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2							
2:17:10.371	149.25	189	16	7	1550-3	349-3			RB	1
	41.12	218	19	7	1200-3	75-3			RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2							
2:17:22.397	147.62	190	16	7	1550-3	349-3			RB	1
	41.75	215	16	7	1200-3	75-3			RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2							
2:17:34.422	146.00	192	16	7	1550-3	349-3			RB	1
	42.37	212	18	0	1200-3	75-3			BT	1
2:17:37.050	36.75	1033	90	0	0313-3	6-3			BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3							
2:17:46.444	144.37	194	17	7	1550-3	349-3			RB	1
	43.00	210	18	7	1200-3	75-3			RB	1
2:17:48.701	36.37	1015	89	0	0313-3	6-3			BT	1
	36.50	1031	90	0	0313-3				BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3							

FLACON TARGET REPORTS

11/18/86

PAGE 3

STIME	RANGE	AOP	DEG	Q	BEACON	ALT	QUA	SYS
2:17:58.464	142.62	196	17	7			RT	1
	142.75	196	17	0	1550-3	350-3	BT	1
	43.62	208	18	0	1200-3	74-3	BT	1
	36.00	1022	89	0	0313-3	8-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:18:00.716	141.12	196	17	7	1550-3	350-3	RB	1
2:18:10.308	44.12	206	18	0	1200-3	74-3	BT	1
2:18:10.685	35.62	1005	88	0	0313-1		BT	1
2:18:12.938	35.75	1017	89	0	0313-3	11-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:18:22.327	139.62	199	17	7	1550-3	350-3	RB	1
2:18:22.703	44.75	205	18	0	1200-3	74-3	BT	1
2:18:24.958	35.37	1006	88	0	0313-3	13-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3					
2:18:34.415	137.87	201	17	7	1550-3	350-3	RB	1
	45.37	202	17	0	1200-3	74-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:18:46.499	136.25	203	17	7	1550-3	350-3	RB	1
	45.87	199	17	0	1200-3	74-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:18:58.516	134.62	206	18	7			RT	1
	134.75	206	18	0	1550-3	350-3	BT	1
	46.50	196	17	0	1200-3	75-3	BT	1
2:19:00.394	103.25	807	70	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:19:10.600	47.12	194	17	0	1200-3	75-3	BT	1
	133.12	208	18	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:19:22.428	47.75	192	16	0	1200-3	75-3	BT	1
2:19:22.804	131.50	210	18	7	1550-3	350-3	RB	1
2:19:24.307	103.37	806	70	7			RT	1
2:19:34.133	144.50	48	4	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:19:34.636	48.37	190	16	0	1200-3	75-3	BT	1
	129.87	213	18	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:19:46.535	48.87	179	15	0	1200-3	74-3	BT	1
	49.00	196	17	0	1200-3		BT	1
	128.25	214	18	7	1550-3	350-3	RB	1
2:19:58.249	144.62	45	3	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:19:58.623	49.50	185	16	0	1200-3	74-3	BT	1
	126.62	216	18	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:20:10.640	50.25	169	16	7	0000-0		RB	1
	50.12	184	16	0	1200-3		BT	1
	125.00	218	19	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1					
2:20:22.662	50.75	181	15	0	1200-3	74-3	BT	1
	123.37	225	19	7			RT	1
	123.50	222	19	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:20:34.493	51.37	160	15	0	1200-3		BT	1

4

(7)

BEACON TARGET REPORTS						11/18/86	PAGE	
STIME	RANGE	ACF	DEG	Q	BEACON	ALT	QUA	SIC
2:20:34.868	121.87	224	19	7	1550-3	350-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:20:46.574	52.00	184	16	0	1200-3	75-3	BT	1
	51.87	177	15	7	1200-3		RE	1
	120.12	227	19	7			RT	1
2:20:46.94E	120.25	227	19	0	1550-3	350-3	BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						
2:20:58.585	52.50	177	15	0	1200-3	74-3	BT	1
2:20:58.962	118.62	228	20	7	1550-3	350-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:21:10.666	53.12	175	15	0	1200-3	74-3	BT	1
2:21:11.041	117.00	232	20	7	1550-3	350-3	RE	1
2:21:12.543	103.37	806	70	7			RT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:21:22.950	53.62	171	15	7			RT	1
	53.75	176	15	0	1200-3	75-3	BT	1
	115.37	236	20	7			RT	1
	115.50	235	20	0	1550-3	350-3	FT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						
2:21:34.775	54.37	175	15	7	1200-3	75-3	RE	1
	113.87	238	20	7	1550-3	350-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:21:46.615	54.87	174	15	0	1200-3		BT	1
2:21:46.990	112.37	240	21	7	1550-3	350-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:21:58.656	55.50	174	15	7	1200-3	75-3	RE	1
2:21:59.073	110.62	246	21	7			RT	1
	110.75	242	21	0	1550-3	350-3	BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:22:10.716	56.25	175	15	7			RT	1
	56.12	173	15	0	1200-3		BT	1
2:22:11.094	109.12	247	21	7	1550-3	350-3	RB	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:22:22.794	56.75	172	15	7	1200-3		RE	1
2:22:23.170	107.50	249	21	7	1550-3	350-3	RB	1
2:22:24.672	103.25	807	70	7			RT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:22:34.880	57.37	171	15	7	1200-3		RP	1
	105.87	255	22	7			RT	1
	106.00	252	22	7	1550-3	350-3	RE	1
2:22:46.341	144.62	45	3	7			RT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 1						
2:22:46.718	58.00	169	14	7	1200-3	75-3	RB	1
2:22:47.217	104.37	257	22	7	1550-3		RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:22:58.800	58.62	168	14	7	1200-3	75-3	RB	1
2:22:59.177	102.87	258	22	7	1550-3	350-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:23:10.826	59.00	171	15	7			RT	1
	59.25	167	14	0	1200-3	75-3	BT	1
2:23:11.200	101.25	263	23	7	1550-3	350-3	RB	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:23:22.012	59.75	166	14	7	1200-3	75-3	RE	1

(5)

BLACON TARGET REPORTS		11/18/86				PAGE		5	
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:23:23.289	99.62	271	23	7			RT	1	
	99.75	266	23	0	1550-3	350-3	BT	1	
2:23:25.169	35.00	932	81	0	0260-3		BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2						
2:23:34.944	60.37	165	14	7	1200-3	75-3	RB	1	
2:23:35.320	98.12	270	23	7	1550-3	350-3	RB	1	
2:23:37.202	25.12	920	81	0	0260-3		BT	1	
2:23:37.575	36.87	1034	90	0	1200-3		BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2						
2:23:47.040	61.00	163	14	7	1200-3	75-3	RB	1	
2:23:47.414	96.62	274	24	7	1550-3	350-3	RB	1	
2:23:49.291	35.00	927	81	0	0260-3		BT	1	
	36.62	1030	90	0	1200-3		BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2						
2:23:58.938	61.50	161	14	7	1200-3		RB	1	
	95.25	283	24	7			RT	1	
2:23:59.443	95.12	279	24	0	1550-3	350-3	BT	1	
2:24:01.572	36.12	1023	89	0	1200-3		BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1						
2:24:10.961	62.12	155	13	7	1200-3	75-3	RB	1	
	62.25	160	14	0	1200-3	75-3	BT	1	
2:24:11.462	93.50	282	24	7	1550-3	350-3	RB	1	
2:24:13.593	35.75	1015	89	0	1200-3	11-3	BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	4						
2:24:23.047	62.75	160	14	7	1200-3	75-3	RB	1	
2:24:23.422	92.00	288	25	7	1550-3	350-3	RB	1	
2:24:25.301	35.25	1012	88	0	1200-3	14-3	BT	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3						
2:24:35.072	63.37	150	13	7	1200-3	75-3	RB	1	
2:24:35.447	90.62	295	25	7			RT	1	
	90.37	293	25	7	1550-3	350-3	RB	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2						
2:24:47.090	64.00	156	13	7	1200-3	75-3	RB	1	
2:24:47.466	68.67	290	26	7	1550-3	350-3	RB	1	
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2						
2:24:59.110	64.62	155	13	7	1200-3	74-3	RB	1	
2:24:59.487	87.37	304	26	7	1550-3	350-3	RB	1	
2:25:01.741	48.12	1025	90	7	1200-3		RB	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2						
2:25:10.951	65.12	155	13	7			RT	1	
	65.25	154	13	0	1200-3	74-3	BT	1	
2:25:11.325	85.87	307	26	0	1550-3	351-3	BT	1	
2:25:13.579	48.37	1018	89	7	1200-3	114-3	RB	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3						
2:25:22.980	65.75	153	13	7	1200-3	74-3	RB	1	
2:25:23.480	84.37	314	27	7	1550-3	350-3	RB	1	
2:25:25.669	48.63	1011	88	0	1200-3	112-3	BT	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3						
2:25:35.071	66.37	150	13	0	1200-1		BT	1	
	66.50	154	13	7	1200-3		RB	1	
2:25:35.446	82.87	319	28	7	1550-3	350-3	RB	1	
2:25:37.700	48.87	996	87	7	1200-3	109-3	RB	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2						

(6)

BEACON TARGET REPORTS		11/18/86						PAGE 6	
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:25:47.153	67.00	150	13	0	1200-3	75-3	BT	1	
2:25:47.529	81.37	328	28	7	1550-3	350-3	RB	1	
2:25:49.408	49.25	983	86	7	1200-3	105-3	RB	1	
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	3				
2:25:59.169	67.75	151	13	7			RT	1	
	67.62	151	13	0	1200-3	75-3	BT	1	
2:25:59.543	79.87	331	29	7	1550-3	350-3	RB	1	
2:26:01.485	49.75	967	84	0	1200-3	97-3	BT	1	
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	3				
2:26:11.064	68.12	158	13	7			RT	1	
	68.25	150	13	0	1200-3	75-3	BT	1	
2:26:11.814	78.37	338	29	7	1550-3	350-3	RB	1	
2:26:13.318	50.37	955	83	0	1200-3	88-3	BT	1	
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	3				
2:26:23.149	68.87	149	13	7	1200-3	75-3	RB	1	
2:26:23.902	76.87	344	30	7	1550-3	350-3	RB	1	
2:26:25.405	51.00	952	83	7			RT	1	
	50.87	946	83	0	1200-3	79-3	BT	1	
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	3				
2:26:35.174	69.50	148	13	0	1200-3	74-3	BT	1	
2:26:35.925	75.37	353	31	7	1550-3	350-3	RB	1	
2:26:37.429	51.50	924	81	7	1200-3	71-3	RB	1	
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	3				
2:26:47.256	70.00	148	13	7	1200-3	74-3	RB	1	
2:26:47.759	73.87	362	31	7			RT	1	
	74.00	360	31	7	1550-3	350-3	RB	1	
2:26:49.514	51.62	917	80	7			RT	1	
	51.75	916	80	0	1200-3	61-3	BT	1	
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	3				
2:26:59.279	70.62	144	12	0	1200-1		BT	1	
	70.75	150	13	7	1200-3	75-3	RB	1	
2:26:59.654	72.50	366	32	7	1550-3	350-3	RB	1	
2:27:01.220	52.62	911	80	7			RT	1	
2:27:01.594	51.12	902	79	7	1200-3	45-3	RB	1	
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	3				
2:27:11.364	71.25	148	13	7	1200-3	75-3	RB	1	
2:27:11.740	71.12	373	32	7	1550-3	350-3	RB	1	
2:27:13.242	52.87	903	79	7			RT	1	
	50.37	890	78	7	1200-3	46-3	RB	1	
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	3				
2:27:23.203	71.50	149	13	7			RT	1	
	71.87	147	12	0	1200-3	75-3	BT	1	
2:27:23.954	69.62	363	33	7	1550-3		RB	1	
	69.87	392	34	0	0000-0		BT	1	
2:27:25.457	49.87	876	76	7	1200-3	56-3	RB	1	
2:27:25.832	37.12	1034	90	0	0162-3		BT	1	
SUBSYS = 1	TOTAL =	6	MODE C	TOTAL =	2				
2:27:35.228	72.50	146	12	7	1200-3	75-3	RB	1	
2:27:35.980	68.25	390	34	0	1550-3	350-3	BT	1	
2:27:37.173	103.25	806	70	7			RT	1	
	52.25	875	76	7			RT	1	
2:27:37.548	50.37	868	76	7	1200-3	64-3	RB	1	
	36.87	1035	90	0	0162-3		BT	1	

0162 Code
Reserved for aircraft
under Anchorage
Airport Approach
Control. (Not

0162 Code
Reserved for aircraft
under Anchorage
Airport Approach
Control. (Not
enroute)

(7)

BEACON TARGET REPCRTS		11/18/86				PAGE	7
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA
SUBSYS = 1	TOTAL = 6	MODE C	TOTAL = 3				
2:27:47.31E	73.12	147	12	7	1200-3	75-3	RB
2:27:48.070	66.87	368	34	0	1550-3	350-3	BT
2:27:49.197	51.75	860	75	7			RT
	50.37	884	77	7			RT
2:27:49.573	50.50	877	77	0	1200-3	45-3	BT
2:27:49.948	36.75	1030	90	0	0162-3		BT
SUBSYS = 1	TOTAL = 6	MODE C	TOTAL = 3				
2:27:59.39E	73.62	146	12	7	1200-3	75-3	RB
2:28:00.151	65.37	428	37	0	0000-0		BT
	66.50	404	35	0	1550-3	350-3	BT
2:28:01.276	50.87	854	75	7			RT
	50.12	886	77	7			RT
	50.50	888	78	0	1200-3	46-3	BT
2:28:02.029	36.50	1026	90	0	0162-3		BT
SUBSYS = 1	TOTAL = 7	MODE C	TOTAL = 3				
2:28:11.415	74.25	146	12	7	1200-3	75-3	RB
2:28:12.228	64.00	417	36	7	1550-3	350-3	RB
2:28:13.354	49.87	860	75	7			RT
	50.25	888	78	7			RT
	51.25	907	79	7			RT
2:28:13.729	51.12	902	79	0	1200-3	58-3	BT
	36.25	1022	89	0	0162-3		BT
SUBSYS = 1	TOTAL = 7	MODE C	TOTAL = 3				
2:28:23.314	74.87	145	12	7	1200-3	75-3	RB
2:28:24.066	62.75	425	37	0	1550-3	350-3	BT
	62.62	438	38	7	0000-0		RB
2:28:25.193	48.75	858	75	7			RT
2:28:25.569	51.75	903	79	0	1200-3	78-3	BT
2:28:25.945	36.12	1017	89	0	0162-3		BT
SUBSYS = 1	TOTAL = 6	MODE C	TOTAL = 3				
2:28:35.332	75.50	145	12	7	1200-3	75-3	RB
2:28:36.083	61.37	437	38	7	1550-3	350-3	RB
2:28:37.584	52.12	898	78	7	1200-3	101-3	RB
2:28:38.094	35.87	1013	89	0	0162-3		BT
SUBSYS = 1	TOTAL = 4	MODE C	TOTAL = 3				
2:28:48.174	60.00	448	39	7	1550-3	350-3	RB
2:28:49.677	52.00	889	78	0	1200-3	105-3	BT
2:28:50.052	35.62	1010	88	0	0162-3		BT
SUBSYS = 1	TOTAL = 3	MODE C	TOTAL = 2				
2:29:00.193	58.62	457	40	0	1550-3	350-3	BT
2:29:01.756	51.62	883	77	0	1200-3	102-3	BT
	48.00	900	78	7			RT
	35.37	1005	88	0	0162-3		BT
2:29:02.131	37.62	1031	90	0	1200-3		BT
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 2				
2:29:12.282	57.37	468	41	7	1550-3	350-3	RB
2:29:13.408	49.37	897	78	7			RT
2:29:13.785	51.00	876	76	7	1200-3	107-3	RB
	35.12	1002	88	0	0162-3		BT
SUBSYS = 1	TOTAL = 4	MODE C	TOTAL = 2				
2:29:24.372	56.12	480	42	7	1550-3	350-3	RB
2:29:25.497	50.12	875	76	0	1200-3	112-3	BT

(8)

BEACON TARGET REPORTS
TIME

11/18/86

PAGE 8
QUA SYS

	RANGE	ACP	DEG	Q	BEACON	ALT		
	50.25	886	77	7			RT	1
2:29:25.875	35.00	999	87	0	0162-3		BT	1
2:29:26.250	37.00	1035	90	0	1200-3		BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	2					
2:29:36.389	54.75	494	43	7	1550-3	350-3	RB	1
2:29:37.517	50.00	879	77	7			RT	1
	49.62	884	77	7	1200-3	101-3	RB	1
2:29:38.268	36.75	1033	90	0	1200-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:29:48.598	53.62	507	44	7	1550-3	350-3	RB	1
2:29:49.727	49.25	877	77	7			RT	1
	50.25	893	78	7	1200-3	45-3	RB	1
2:29:50.228	36.37	1025	90	0	1200-3		BT	1
	36.50	1019	89	0	1200-3	6-3	BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:30:00.313	99.12	381	33	7			RT	1
2:30:00.689	52.37	522	45	7	1550-3	350-3	RB	1
2:30:01.814	48.75	887	77	7			RT	1
	51.00	900	79	0	1200-3	61-3	BT	1
2:30:02.192	36.00	1020	89	0	1200-3	8-3	BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:30:12.711	51.12	536	47	7	1550-3	350-3	RB	1
2:30:13.828	48.12	896	78	7			RT	1
	51.00	912	80	7	1200-3	79-3	RB	1
2:30:14.213	35.62	1018	89	0	1200-3	10-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:30:24.789	50.00	549	48	0	1550-3	350-3	BT	1
2:30:25.916	48.75	897	78	7			RT	1
	50.75	911	80	7			RT	1
	50.62	919	80	0	1200-3	94-3	BT	1
2:30:26.281	35.12	1008	88	0	1200-3	12-3	BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:30:36.872	48.87	567	49	0	1550-3	350-3	BT	1
2:30:37.999	50.12	920	80	7	1200-3	101-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:30:48.958	47.62	579	50	0	1550-3		BT	1
	47.75	587	51	7	1550-3	350-3	RB	1
2:30:49.710	50.62	897	78	7			RT	1
	49.62	912	80	7	1200-3	103-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:31:00.862	46.37	594	52	0	1550-3	350-3	BT	1
2:31:01.985	49.62	905	79	7			RT	1
	49.87	904	79	0	1200-3	77-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:31:13.256	44.87	607	53	7	1550-3	350-3	RB	1
2:31:14.008	50.37	892	78	7	1200-3	30-3	RB	1
	49.75	918	80	7			RT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:31:24.959	43.37	612	53	0	1550-3	350-3	BT	1
2:31:25.335	51.25	760	66	2	1200-3		BT	1
2:31:26.086	51.25	885	77	7	1200-3	50-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:31:36.985	41.87	615	54	0	1550-3	349-3	BT	1

9

BEACON TARGET REPORTS				11/18/86		PAGE		9	
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:31:37.736	48.37	899	75	7					
2:31:38.114	51.87	893	76	7	1200-3	65-3	RT	1	
SUBSYS = 1 TOTAL =	3 MODE C TOTAL =	2					RB	1	
2:31:49.086	40.25	623	54	7	1550-3	350-3			
2:31:49.836	48.87	889	78	7			RB	1	
	52.12	896	76	7	1200-3	81-3	BT	1	
SUBSYS = 1 TOTAL =	3 MODE C TOTAL =	2					RB	1	
2:32:01.307	38.75	629	55	7	1550-3	349-3			
2:32:01.807	103.37	806	70	7			RB	1	
2:32:02.122	50.00	892	78	7			RT	1	
	52.00	905	79	7	1200-3	91-3	RT	1	
SUBSYS = 1 TOTAL =	4 MODE C TOTAL =	2					RB	1	
2:32:13.011	37.25	632	55	7			RT	1	
2:32:13.387	37.12	636	55	0	1550-3	349-3	BT	1	
2:32:13.764	50.62	885	77	7			RT	1	
2:32:14.141	51.37	905	79	7	1200-3	89-3	RB	1	
SUBSYS = 1 TOTAL =	4 MODE C TOTAL =	2							
2:32:25.105	35.75	644	56	7			RT	1	
2:32:25.481	35.62	644	56	0	1550-3	349-3	BT	1	
2:32:25.856	50.62	878	77	7			RT	1	
	50.87	900	79	0	1200-3	56-3	BT	1	
SUBSYS = 1 TOTAL =	4 MODE C TOTAL =	2							
2:32:37.879	49.87	882	75	7			RT	1	
2:32:38.255	50.00	892	78	7	1200-3	38-3	RB	1	
SUBSYS = 1 TOTAL =	2 MODE C TOTAL =	1							
2:32:49.967	49.25	897	78	7	1200-3	69-3			
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					RB	1	
2:33:01.995	49.37	904	79	7	1200-3	92-3			
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					RB	1	
2:33:14.213	49.75	928	79	7	1200-3	99-3			
2:33:14.714	37.12	1033	90	0	4441-3	6-3	RB	1	
SUBSYS = 1 TOTAL =	2 MODE C TOTAL =	2					BT	1	
2:33:25.918	103.37	806	70	7					
2:33:26.293	51.25	904	79	7			RT	1	
	50.25	910	79	7	1200-3	101-3	RT	1	
2:33:26.668	37.00	1033	90	0	4441-3		RB	1	
SUBSYS = 1 TOTAL =	4 MODE C TOTAL =	1					BT	1	
2:33:37.946	51.62	891	78	7					
2:33:38.321	50.62	907	79	7	1200-3	103-3	RT	1	
2:33:38.696	36.87	1025	90	0	4441-3		RB	1	
SUBSYS = 1 TOTAL =	3 MODE C TOTAL =	1					BT	1	
2:33:49.968	51.75	877	77	7					
2:33:50.408	50.50	898	78	7	1200-3	56-3	RT	1	
2:33:50.720	36.87	1022	90	0	4441-3		RB	1	
SUBSYS = 1 TOTAL =	3 MODE C TOTAL =	1					BT	1	
2:34:02.056	51.50	873	76	7					
	49.87	887	77	7	1200-3	43-3	RT	1	
2:34:02.806	36.75	1032	90	0	4441-3	6-3	RB	1	
SUBSYS = 1 TOTAL =	3 MODE C TOTAL =	2					BT	1	
2:34:14.061	103.25	806	70	7					
	49.00	888	78	0	1200-3	71-3	RT	1	
2:34:14.833	36.75	1032	90	0	4441-3	6-3	BT	1	
SUBSYS = 1 TOTAL =	3 MODE C TOTAL =	2					BT	1	

4441 - Military Flts
4371 Code - C-130

BEACON TARGET REPORTS		11/18/86				PAGE		10
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:34:25.911	103.25	806	70	7				
2:34:26.287	50.25	870	76	7			RT	1
	48.62	900	79	7	1200-3	98-3	RT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1				RB	1
2:34:38.377	50.25	890	78	7				
	48.75	905	79	7	1200-3	107-3	RT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1				RB	1
2:34:50.399	51.12	892	78	7				
	49.12	904	79	7			RT	1
	49.25	902	79	0	1200-3	103-3	RT	1
2:34:50.773	36.87	1033	90	0	4441-1	6-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2				BT	1
2:35:02.111	51.50	884	77	7				
2:35:02.549	49.87	902	79	0	1200-3	70-3	RT	1
	36.87	1030	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2				BT	1
2:35:14.133	50.50	898	76	7				
	51.12	876	76	7			RT	1
2:35:14.510	50.75	893	78	0	1200-3	33-3	RT	1
2:35:14.947	36.87	1029	90	0	0000-0		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				BT	1
2:35:26.222	50.37	865	76	7				
2:35:26.598	51.25	901	79	7	1200-3	50-3	RT	1
	36.87	1029	90	0	0000-0		RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1				BT	1
2:35:38.427	49.87	878	77	7				
	51.37	911	80	7			RT	1
	51.12	908	79	0	1200-3	68-3	RT	1
2:35:38.801	36.75	1029	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				BT	1
2:35:50.511	50.25	892	78	7				
	50.62	913	80	7	1200-3	81-3	RT	1
2:35:50.886	36.75	1029	90	0	4441-3	6-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2				BT	1
2:36:02.158	103.37	805	70	7				
2:36:02.533	49.75	900	79	7			RT	1
	50.12	913	80	7	1200-3		RT	1
2:36:02.907	36.75	1030	90	0	4465-3	484-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				BT	1
2:36:14.612	50.12	905	79	7	1200-3	58-3		
	36.87	1030	90	0	4441-1		RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1				BT	1
2:36:26.322	50.50	892	78	7	1200-3	33-3		
2:36:26.698	36.87	1024	90	0	1200-3		RB	1
2:36:27.074	36.62	1029	90	0	1200-1		BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1				BT	1
2:36:38.538	50.62	878	77	7	1200-3	60-3		
	50.25	916	80	7			RB	1
2:36:38.914	36.75	1028	90	0	4441-1		RT	1
	36.50	1029	90	0	0000-0		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				BT	1
2:36:50.625	50.75	869	76	7	1200-3	88-3		
2:36:51.000	36.50	1022	89	0	0000-0		RB	1
							BT	1

BEACON TARGET REPORTS
STIME

11/18/86

	RANGE	ACP	DEC	Q	BEACON	ALT	PAGE	11
							QUA	SYS
	36.37	1025	90	0	1721-3	484-3		
	36.75	1031	90	0	4441-1		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2				BT	1
2:37:02.268	123.25	805	70	7			RT	1
2:37:02.645	50.62	850	75	7	1200-3	98-3	RB	1
2:37:03.023	36.75	1028	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:37:14.414	49.87	860	75	7	1200-3	82-3	RB	1
	51.12	890	78	7			RT	1
2:37:14.789	36.75	1029	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:37:26.437	103.25	806	70	7			RT	1
	51.37	873	76	7			RT	1
2:37:26.938	49.50	887	77	0	1200-3	64-3	BT	1
2:37:38.839	36.75	1028	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1					
2:37:50.299	49.00	895	78	7	1200-3	55-3	RB	1
2:37:50.800	36.75	1029	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:37:51.050	48.25	768	67	0	1200-3		BT	1
2:38:02.753	48.12	906	70	7			RT	1
	48.25	901	79	0	1200-3	52-3	BT	1
2:38:03.129	36.75	1028	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:38:14.771	48.37	879	77	7			RT	1
	47.62	918	80	7	1200-3	53-3	RB	1
2:38:15.146	36.75	1029	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:38:26.485	47.87	927	81	7			RT	1
2:38:26.861	48.00	934	82	0	1200-3	72-3	BT	1
	36.75	1028	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:38:27.238	46.62	897	78	7			RT	1
2:38:38.956	48.62	923	81	0	1200-3	90-3	BT	1
	48.75	940	82	0	1200-3		BT	1
SUBSYS = 1 TOTAL =	36.75	1028	90	0	4441-3	6-3	BT	1
2:38:50.604	49.12	918	80	0	1200-3	95-3	BT	1
2:38:50.979	36.75	1029	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1					
2:39:02.818	46.50	930	81	7			RT	1
2:39:03.193	49.12	903	79	7	1200-3	90-3	RB	1
	36.75	1029	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1					
2:39:14.908	48.37	895	78	7	1200-3	103-3	RB	1
	36.75	1029	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:39:15.283	47.62	899	79	7			RT	1
2:39:26.927	47.75	896	78	0	1200-3	124-3	BT	1
2:39:27.304	36.75	1029	90	0	4441-3	292-3	BT	1
	47.12	903	79	7	1200-3	123-3	RB	1
	36.75	1016	89	0	4441-3	292-3	BT	1

(12)

BEACON TARGET REPORTS		11/18/86				BEACON		ALT		PAGE	12
STIME		RANGE	ACP	DEG	Q					QUA	SYS
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	2								
	2:39:38.635	48.75 898	78	7						RT	1
	2:39:39.010	47.25 917	80	0		1200-3	115-3			BT	1
	2:39:39.385	36.87 1029	90	0		4441-3				BT	1
SUBSYS	= 1 TOTAL =	3 MODE C TOTAL =	1								
	2:39:51.091	48.12 923	81	7		1200-3	111-3			RB	1
		36.87 1030	90	0		4441-3				BT	1
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	1								
	2:42:02.733	47.12 899	79	7						RT	1
	2:40:03.110	48.75 917	80	7		1200-3	82-3			RB	1
		36.87 1023	89	0		4441-3	6-3			BT	1
SUBSYS	= 1 TOTAL =	3 MODE C TOTAL =	2								
	2:40:14.940	46.62 910	79	7						RT	1
		48.50 905	79	7		1200-3	39-3			RB	1
	2:40:15.441	36.87 1027	90	0		4441-3				BT	1
SUBSYS	= 1 TOTAL =	3 MODE C TOTAL =	1								
	2:40:27.032	48.75 895	78	7		1200-3	61-3			RB	1
		48.25 916	80	7						RT	1
	2:40:27.408	36.87 1029	90	0		4655-1				BT	1
SUBSYS	= 1 TOTAL =	3 MODE C TOTAL =	1								
	2:40:39.050	49.25 827	77	7		1200-3	76-3			RB	1
		47.62 928	81	7						RT	1
	2:40:39.425	36.87 1028	90	0		4441-3	6-3			BT	1
SUBSYS	= 1 TOTAL =	3 MODE C TOTAL =	2								
	2:40:51.130	49.75 897	78	7		1200-3	65-3			RB	1
	2:40:51.504	36.75 1027	90	0		4441-3				BT	1
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	1								
	2:41:02.834	49.87 906	79	7						RT	1
	2:41:03.208	50.00 909	79	0		1200-3	90-3			BT	1
		36.75 1027	90	0		4441-3	6-3			BT	1
SUBSYS	= 1 TOTAL =	3 MODE C TOTAL =	2								
	2:41:15.036	49.87 912	80	0		1200-3				BT	1
	2:41:15.411	36.87 1028	90	0		4441-3	6-3			BT	1
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	1								
	2:41:27.123	49.12 916	80	0		1200-3	70-3			BT	1
SUBSYS	= 1 TOTAL =	1 MODE C TOTAL =	1								
	2:41:38.780	48.00 776	68	0		0000-0				BT	1
	2:41:39.156	48.00 907	79	7		1200-3	38-3			RB	1
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	1								
	2:41:51.245	47.37 909	79	0		1200-3	79-3			BT	1
		47.12 913	80	7						RT	1
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	1								
	2:42:02.948	49.50 901	79	7						RT	1
		47.12 922	81	7						RT	1
	2:42:03.324	47.25 914	80	0		1200-3	94-3			BT	1
SUBSYS	= 1 TOTAL =	3 MODE C TOTAL =	1								
	2:42:14.966	49.12 904	79	7						RT	1
	2:42:15.343	47.62 924	81	0		1200-3	99-3			BT	1
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	1								
	2:42:27.173	48.12 928	81	7						RT	1
		48.25 929	81	0		1200-3	97-3			BT	1
SUBSYS	= 1 TOTAL =	2 MODE C TOTAL =	1								
	2:42:39.257	48.12 919	80	7		1200-3	63-3			RB	1

BEACON TARGET REPORTS
STIME

11/18/86
BEACON

PAGE 13
QUA SYS

STIME	RANGE	ACP	DEC	Q	BEACON	ALT	QUA	SYS
SUBSYS = 1 TOTAL = 2:42:51.282	1 MODE C TOTAL = 46.62 906	79	7				RT	1
	48.62 907	79	7		1200-3	33-3	RB	1
SUBSYS = 1 TOTAL = 2:43:03.367	2 MODE C TOTAL = 46.87 917	80	7				BT	1
	49.25 909	79	0		1200-3	56-3	BT	1
SUBSYS = 1 TOTAL = 2:43:14.699	2 MODE C TOTAL = 49.37 777	68	0		1200-3		BT	1
	47.75 915	80	7				RT	1
2:43:15.074	49.37 913	80	0		1200-3	69-3	BT	1
2:43:24.843	121.25 83	7	7				RT	1
SUBSYS = 1 TOTAL = 2:43:27.475	4 MODE C TOTAL = 49.12 922	81	0		1200-3	73-3	BT	1
SUBSYS = 1 TOTAL = 2:43:39.252	1 MODE C TOTAL = 48.50 931	81	0		1200-3	73-3	BT	1
SUBSYS = 1 TOTAL = 2:43:51.338	1 MODE C TOTAL = 47.62 932	81	7				RT	1
	47.75 928	81	0		1200-3	71-3	BT	1
SUBSYS = 1 TOTAL = 2:44:03.363	2 MODE C TOTAL = 47.12 924	81	7		1200-3	71-3	RB	1
SUBSYS = 1 TOTAL = 2:44:15.449	1 MODE C TOTAL = 47.12 925	81	7				RT	1
	46.75 909	79	7		1200-3	71-3	RB	1
SUBSYS = 1 TOTAL = 2:44:27.475	2 MODE C TOTAL = 46.87 901	79	7		1200-3	70-3	RB	1
SUBSYS = 1 TOTAL = 2:44:39.183	1 MODE C TOTAL = 47.25 891	78	7		1200-3	71-3	RB	1
SUBSYS = 1 TOTAL = 2:44:51.393	1 MODE C TOTAL = 47.75 885	77	7		1200-3	72-3	RB	1
SUBSYS = 1 TOTAL = 2:45:03.486	1 MODE C TOTAL = 48.37 882	77	7		1200-3	74-3	RB	1
SUBSYS = 1 TOTAL = 2:45:15.502	1 MODE C TOTAL = 48.87 886	77	7				RT	1
	49.00 880	77	7		1200-3	76-3	RB	1
2:45:24.955	144.37 46	4	7				RT	1
SUBSYS = 1 TOTAL = 2:45:27.583	3 MODE C TOTAL = 49.87 881	77	7		1200-3	77-3	RB	1
SUBSYS = 1 TOTAL = 2:45:39.912	1 MODE C TOTAL = 50.50 757	66	0		1200-1		BT	1
	50.37 884	77	7				RT	1
2:45:39.662	50.50 887	77	7		1200-3	81-3	RB	1
SUBSYS = 1 TOTAL = 2:45:51.502	3 MODE C TOTAL = 51.00 887	77	7		1200-3	84-3	RB	1
SUBSYS = 1 TOTAL = 2:46:03.213	1 MODE C TOTAL = 51.37 766	67	0		1200-3		BT	1
	51.37 888	78	7		1200-3	85-3	RB	1
2:46:03.714	51.50 909	79	7		1200-3	86-3	RB	1
SUBSYS = 1 TOTAL = 2:46:15.621	3 MODE C TOTAL = 51.75 910	79	7		1200-3	85-3	RB	1
SUBSYS = 1 TOTAL = 2:46:27.708	1 MODE C TOTAL = 52.12 920	80	7		1200-3	86-3	RB	1
SUBSYS = 1 TOTAL = 2:46:39.731	1 MODE C TOTAL = 52.50 926	81	7		1200-3	86-3	RB	1

BEACON TARGET REPORTS
STIME

	RANGE	AGF	DEG	Q
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:46:51.820	52.87	935	82	7
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:47:03.664	53.37	948	83	7
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:47:15.691	53.50	960	84	7
	53.87	955	83	0
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1	
2:47:27.776	54.37	966	84	7
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:47:39.488	103.37	885	70	7
2:47:39.863	54.87	976	85	7
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1	
2:47:51.868	55.37	977	85	7
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:48:03.974	55.75	995	87	7
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:48:16.130	56.00	957	87	0
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:48:28.160	56.37	1005	88	7
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1	
2:48:40.246	56.37	1021	89	7
	56.50	1016	89	7
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1	
2:48:52.327	56.37	1028	90	7
	56.50	1026	90	0
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1	
2:49:03.973	56.12	1035	90	7
2:49:13.427	121.00	89	7	7
SUBSYS = 1 TOTAL =	2			

11/18/86

BEACON ALT

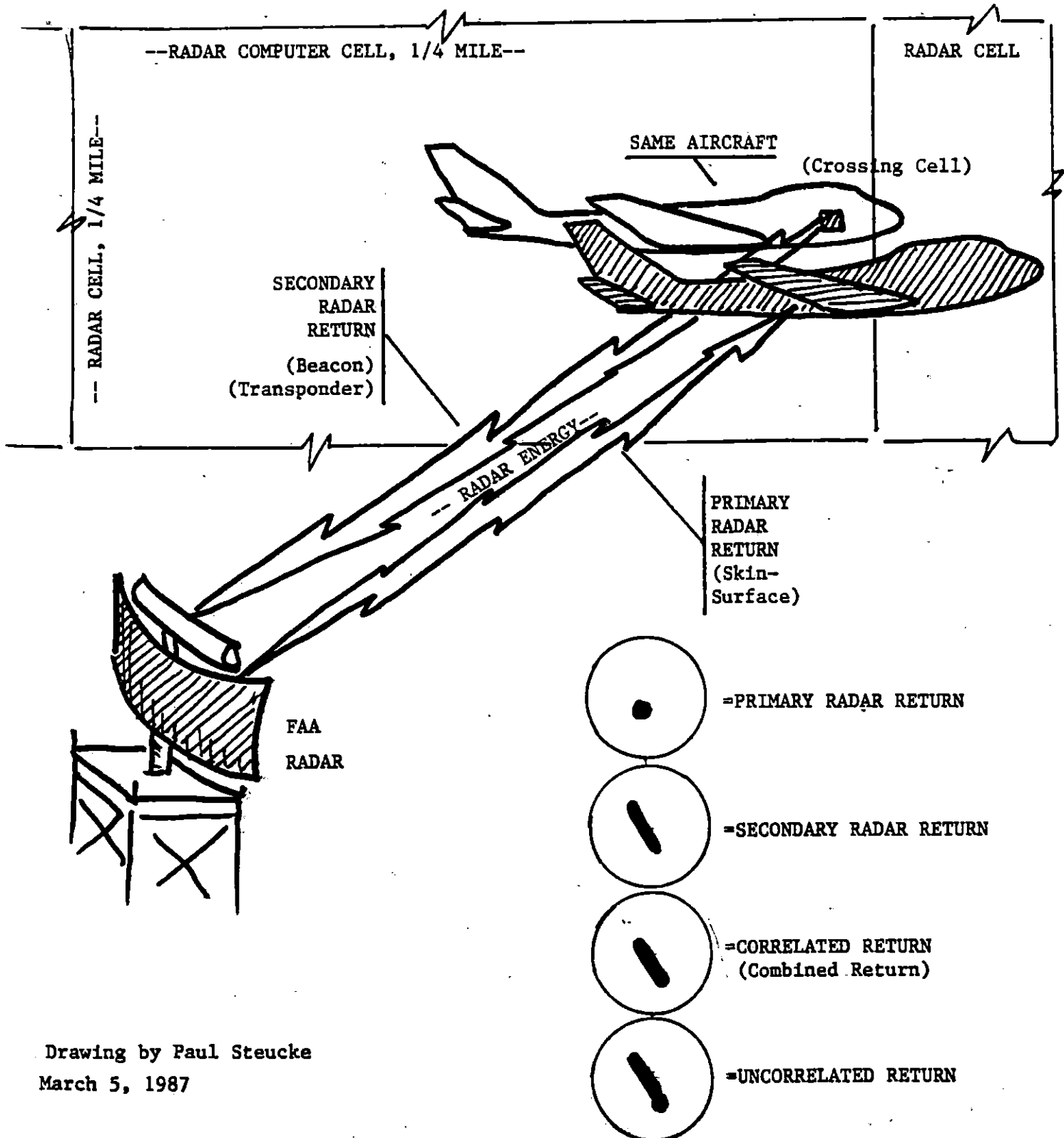
PAGE 14
SYS

BEACON	ALT	QUA	SYS
1200-3	85-3	RB	1
1200-3	83-3	RB	1
1200-3	82-3	RT	1
1200-3	80-3	BT	1
1200-3	80-3	RB	1
1200-3	78-3	RT	1
1200-3	78-3	RB	1
1200-3	76-3	RB	1
1200-3	74-3	RB	1
4431-3	74-3	BT	1
4431-3	70-3	RB	1
4431-3	66-3	RT	1
4431-3	64-3	RB	1
4431-3	64-3	RT	1
4431-3	64-3	BT	1
4431-3	64-3	RT	1
4431-3	64-3	RT	1

15

UNCORRELATED RADAR SIGNALS

An "uncorrelated primary and beacon(secondary) return on a radar screen occurs when the radar energy that is sent up toward the aircraft (primary signal) returns off the surface of the aircraft at a slightly different moment than the beacon (secondary) transponder signal and the two do not match up as being at the same place or same computer radar cell.



Drawing by Paul Steucke
March 5, 1987



U.S. Department
of Transportation
**Federal Aviation
Administration**

Memorandum

Subject: ACTION: Description of Radar Split Image

Date: February 5, 1987

From: PUBLIC AFFAIRS OFFICER, AAL-5

Reply to
Attn. of:

To: Manager, Airways Facilities, AAL-400

The Alaskan Region FAA Air Traffic Division has informed me that the intermittent radar images of Japan Air Lines flight 1628, on November 17, 1986, which occurred between Ft. Yukon and Anchorage, are the result of "split images".

Do you concur with this interpretation? If you do, please provide me with an easy to understand written description of what a "split image" is, how it occurs, approximately how often it occurs, and why it might have, or did occur on this flight segment of this flight.

Your response will be used to provide the news media and the public with an explanation of what a "split image" is and how it relates to this flight.

I will need this information for media response by February 18, 1987.

Thank you.

Paul Steucke

cc: ~~AAL-5~~ 200, 500

C D R E D I T O R L I S T I N G

JL1629, FROM FIRST RETURN TO 120 NW MPY

D A T A S E L E C T E D

R B B T R T T D

F I L T E R S

TIME: 11/18/86 22:11:00-11/18/86 02:30:00 CONTROLLER:

ALTITUDE: - ACID:

SUBSYSTEM: 01

BEACON CODE:

RANGE: 119-215 AZIMUTH: 1-32

ETG: N INTERFACILITY:

RADAR REINFORCED TARGET REPORTS								11/18/86		PAGE 1	
TIME	RANGE	ACP	DEG	Q	REASON	ALT	QUA	SYS			
2:11:33.788	194.75	153	13	7	1550-3	350-3	RD	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:11:45.735	193.12	153	13	7	1550-3		RB	1			
SUBSYS = 1	TOTAL = 1										
2:11:57.761	191.50	154	13	7	1550-3	350-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:12:09.793	199.87	155	13	7	1550-3	351-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:12:21.827	199.25	157	13	7	1550-3		RB	1			
SUBSYS = 1	TOTAL = 1										
2:13:02.799	191.32	150	14	7	1550-3	351-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:13:21.829	190.00	151	14	7	1550-3	351-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:13:33.723	179.37	153	14	7	1550-3	351-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:13:45.912	176.75	155	14	7	1550-3	350-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:13:57.935	175.12	154	14	7	1550-3	350-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:14:09.926	173.50	167	14	7	1550-3	350-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:14:42.972	159.62	170	14	7	1550-3	350-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:14:57.954	167.00	172	15	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:15:10.041	155.37	173	15	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:15:22.059	153.75	175	15	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:15:34.159	152.12	179	15	7	1550-1		RB	1			
SUBSYS = 1	TOTAL = 1										
2:15:42.170	157.25	190	15	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:16:22.196	155.75	192	15	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:16:34.303	154.12	194	16	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:16:53.344	150.87	197	16	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:17:10.371	149.25	199	16	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:17:22.397	147.62	190	16	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:17:34.420	145.00	192	16	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:17:45.444	144.37	194	17	7	1550-3	349-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:18:10.303	141.12	195	17	7	1550-3	350-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:18:22.327	139.62	199	17	7	1550-3	350-3	RB	1			
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1									
2:18:34.415	137.87	201	17	7	1550-3	350-3	RB	1			

RADA PREDICTED TARGET REPORT				11/18/88		11/18/88		11/18/88	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:19:45.499	136.25	203	17	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:19:10.502	133.12	209	19	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:19:22.304	131.50	210	18	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:19:34.536	123.97	213	19	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:19:43.535	129.25	214	18	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:19:58.523	125.62	216	19	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:20:10.542	125.00	219	19	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:20:22.652	123.50	222	19	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:20:34.953	121.97	224	19	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							

PERSON TARGET RECORDS		11/18/80		1				
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:12:33.523	133.50	157	13	0	1550-3	351-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:12:45.630	134.87	159	13	0	1550-3	351-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:12:57.713	133.25	160	14	0	1550-3	351-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:14:21.352	171.87	157	14	0	1550-3	350-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:14:34.042	172.25	159	14	0	1550-3	350-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:15:34.152	152.25	175	15	0	1550-3	342-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:15:43.232	152.50	177	15	0	1550-3	342-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:15:53.293	159.00	179	15	0	1550-3	342-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:16:46.324	152.50	193	15	0	1550-3	342-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:17:59.494	142.75	196	17	0	1550-3	350-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:18:58.516	134.75	206	18	0	1550-3	350-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:20:46.949	122.25	227	19	0	1550-3	350-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						

WATER JET TARGET REPORTS

11/19/95

PAGE 1

STIME	RANGE	ACP	DEG	Q	BEACON	ALT	OUA	SYS
2:11:29.339	199.00	151	13	7			RT	1
SJBSYS = 1	TOTAL = 1							
2:12:33.503	144.37	144	12	7			RT	1
	195.75	159	13	7			RT	1
SUBSYS = 1	TOTAL = 2							
2:13:45.910	144.12	145	12	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:14:09.551	144.12	37	3	7			RT	1
SJBSYS = 1	TOTAL = 1							
2:14:21.952	171.62	159	14	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:14:34.042	170.12	172	15	7			RT	1
SJBSYS = 1	TOTAL = 1							
2:15:45.239	150.75	178	15	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:15:53.093	159.97	179	15	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:16:45.324	152.37	186	16	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:17:59.464	142.62	196	17	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:18:59.515	134.52	205	18	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:19:31.133	144.50	48	4	7			RT	1
SJBSYS = 1	TOTAL = 1							
2:19:58.249	144.62	45	3	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:20:22.552	123.37	225	19	7			RT	1
SJBSYS = 1	TOTAL = 1							
2:20:46.574	120.12	227	19	7			RT	1
SUBSYS = 1	TOTAL = 1							
2:22:46.341	144.62	45	3	7			RT	1
SJBSYS = 1	TOTAL = 1							

TIME	ACID/SX	ABG/SX	RBC	FRM	RALT	PAGE	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	DDG	SPD	ADS	C	SYS	CLS
2:11:04.539		0002	24		150	13	127.95	45.21	194.40	13	192.21	-99	-425	191	525				RO 1	NPM
	45.21	194.40																		
SUBSYS = 1	TOTAL = 1																			
2:11:15.515		0022	34		150	13	196.29	45.43	192.58	13	197.53	-97	-425	199	504				RO 1	NEM
	45.39	192.69																		
SUBSYS = 1	TOTAL = 1																			
2:11:23.343		0022	33		151	13	134.51	45.10	191.23	13	195.83	-97	-425	199	504				RO 1	PAP
	45.10	191.23																		
2:11:28.345	3022-1505	0022	11		139	12	135.77	.23	.20										RO 1	LT
	41.79	101.25																		
2:11:28.349	3022-1505	0022	11		151	14	135.15	.00	.00										RO 1	LT
	49.32	190.10																		
SUBSYS = 1	TOTAL = 3																			
2:11:40.354		1550	1550	07	350	152	13	194.72	45.28	189.39	13	194.22	3	0	45	0			1	NPM
	45.28	189.39																		
2:11:42.355		0022	27		151	13	192.93	44.81	190.37	13	194.15	-97	-425	199	504				RO 1	PAR
	44.81	189.37																		
2:11:43.353	2022-1605	0022	10		134	11	195.19	.00	.00										RO 1	RT
	40.12	191.03																		
2:11:42.371	2022-1505	0022	10		157	14	195.76	.00	.00										PO 1	LT
	49.79	189.32																		
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 1																		
2:11:52.229		1552	1552	20	152	13	191.53	44.90	197.79	13	192.59	-108	-457	193	469				1	NPM
	44.90	197.79																		
2:11:52.210		0022	21		151	13	191.25	44.51	187.71	13	192.46	-97	-425	199	504				RO 1	TAR
	44.51	197.71																		
2:11:52.213	2022-1325	0022	12		123	11	195.14	.00	.00										PO 1	RT
	39.45	191.31																		
2:11:52.215	2022-1605	0022	10		172	15	195.21	.00	.00										RO 1	LT
	51.43	199.23																		
SUBSYS = 1	TOTAL = 4																			
2:12:04.933		1550	1550	30	350	154	13	199.99	44.81	185.15	13	190.94	-53	-479	196	195			1	NEM
	44.75	185.15																		
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1																		
2:12:15.245	JL1529 -2057	1550	1550	40	351	155	13	198.26	44.71	194.50	13	199.28	-43	-485	185	486	UAR	N	1	NPM
	44.54	194.54																		
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1																		
2:12:23.745	JL1529 -2057	1550	1550	47	157	13	186.66	44.99	192.79	13	187.60	-11	-491	191	491	UAR	N	1	NPM	
	44.72	192.97																		
SUBSYS = 1	TOTAL = 1																			
2:12:40.767	JL1529 -2057	1550	1550	47	351	157	13	194.98	44.46	191.29	13	195.86	-26	-425	193	427	UAR	N	1	NPM
	44.55	191.20																		
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1																		
2:12:52.375	JL1529 -2057	1550	1550	47	351	159	13	193.33	44.64	179.37	13	194.17	-13	-531	181	500	UAR	N	1	NPM
	44.55	179.51																		
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1																		
2:13:04.931	JL1529 -2057	1550	1550	47	351	162	14	191.67	44.51	177.73	14	192.97	-13	-524	181	523	UAR	N	1	NEM
	44.51	177.91																		
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1																		
2:13:15.931	JL1529 -2057	1550	1550	47	351	151	14	179.95	44.12	175.15	14	191.05	-41	-503	184	525	UAR	N	1	NEM
	44.29	175.14																		
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1																		
2:13:23.952	JL1529 -2057	1550	1552	47	351	151	14	179.30	44.00	174.51	14	179.47	-54	-521	186	500	UAR	N	1	NEM

TIME	ACID/SX	AGE/SY	RBC	FRM	RALT	PAGE	PDEG	PRAN	RX	PY	DDEG	DRAN	XY	YV	HDE	SPD	ADC	C	SYE	CIS
11.27	174.49																			
SUBSYS = 1	TOTAL = 1	MODE J	TOTAL = 1																	
2:13:42.917	JL1629	-0257	1550	1550	47	351	163	14	176.65	44.12	172.79	14	177.69	-35	-522	184	505	UAR	N	1 NFM
11.01	172.79																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1																	
2:13:52.878	JL1629	-0257	1550	1550	47	350	165	14	175.05	44.25	171.29	14	175.33	-7	-524	190	503	UAR	N	1 NFM
11.05	171.10																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1																	
2:14:25.222	JL1629	-0257	1550	1550	47	350	165	14	173.37	43.57	169.59	14	171.62	-11	-532	195	523	UAR	N	1 NFM
13.81	169.45																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1																	
2:14:17.113	JL1629	-0257	1550	1550	47	350	167	14	171.79	43.95	167.91	14	173.15	-21	-520	182	501	UAR	N	1 NFM
13.31	167.73																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1																	
2:14:22.175	JL1629	-0257	1550	1550	47	352	169	14	170.14	43.54	166.25	14	171.53	-37	-495	184	495	UAR	N	1 NFM
13.54	165.14																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1																	
2:14:41.310	JL1629	-0257	1550	1550	47	350	169	14	169.55	43.64	164.53	14	169.95	-29	-495	183	496	UAR	N	1 NFM
13.55	161.13																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1																	
2:14:53.353	JL1629	-0257	1550	1550	47	350	171	15	166.33	43.45	162.30	14	169.36	-29	-423	193	495	UAR	N	1 NFM
13.45	162.95																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1																	
2:15:05.177	JL1629	-0257	1550	1550	47	349	172	15	165.35	43.54	161.22	15	163.79	-15	-494	181	494	UAR	N	1 NFM
13.45	161.22																			
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1			</														

TRACKING DATA

11/15/55

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PAGE	PDEG	PRAN	RX	RY	DDEG	DEAN	XV	YV	HPG	SPD	ADS	G	SYS	CIS
2:17:35.513	JL1629	-0257	1550	1550	47	342	198	16	149.23	42.67	144.59	15	152.95	-19	-493	122	493	UAR	N	1 NFM
42.73 144.63																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:17:17.577	JL1629	-0257	1550	1550	47	349	190	15	147.67	42.65	143.20	15	149.35	-19	-494	182	494	UAR	N	1 NRM
42.67 143.23																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:17:23.592	JL1629	-0257	1550	1550	47	349	191	16	146.03	42.40	141.37	16	147.74	-34	-494	183	496	UAR	N	1 NFM
42.50 141.39																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:17:41.593	JL1629	-0257	1550	1550	47	349	193	16	144.40	42.37	139.58	15	145.14	-35	-495	184	497	UAR	N	1 NRM
42.37 139.73																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:17:53.510	JL1629	-0257	1550	1550	47	349	195	17	142.78	42.32	139.21	17	144.55	-30	-497	193	499	UAR	N	1 NRM
42.29 138.05																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:18:05.417	JL1629	-0257	1550	1550	47	350	197	17	141.17	42.26	136.32	17	142.94	-24	-499	192	500	UAR	N	1 NRM
42.23 135.39																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:18:17.434	JL1629	-0257	1550	1550	47	350	199	17	139.49	41.79	134.79	17	141.32	-54	-496	196	501	UAR	N	1 NRM
41.96 134.73																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:18:29.541	JL1629	-0257	1550	1550	47	350	200	17	137.90	41.95	133.15	17	139.85	-41	-495	184	498	UAR	N	1 NFM
41.95 133.09																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:18:41.503	JL1629	-0257	1550	1550	47	350	202	17	136.23	41.82	131.35	17	138.12	-32	-499	193	500	UAR	N	1 NFM
41.79 131.42																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:18:53.552	JL1629	-0257	1550	1550	47	350	204	17	134.66	41.73	129.59	17	135.51	-27	-500	183	501	UAR	N	1 NRM
41.72 129.73																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:19:05.753	JL1629	-0257	1550	1550	47	350	207	19	133.10	41.85	129.26	19	135.02	-7	-500	190	500	UAR	N	1 NRM
41.73 128.36																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:19:17.554	JL1629	-0257	1550	1550	47	350	210	19	131.51	41.75	126.39	19	133.41	-5	-500	180	499	UAR	N	1 NRM
41.73 126.39																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:19:29.631	JL1629	-0257	1550	1550	47	350	212	18	129.90	41.62	124.71	19	131.89	-12	-500	181	500	UAR	N	1 NFM
41.57 124.71																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:19:41.593	JL1629	-0257	1550	1550	47	350	215	18	128.29	41.67	122.93	19	130.18	-9	-502	180	501	UAR	N	1 NRM
41.65 123.03																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:19:53.723	JL1629	-0257	1550	1550	47	350	216	13	126.64	41.34	121.39	13	123.57	-30	-501	193	503	UAR	N	1 NFM
41.49 121.35																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:20:05.802	JL1629	-0257	1550	1550	47	350	219	19	124.99	41.19	119.71	19	125.94	-45	-500	195	504	UAR	N	1 NFM
41.29 119.70																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:20:17.327	JL1629	-0257	1550	1550	47	350	220	19	123.35	41.01	119.05	19	125.32	-54	-499	186	504	UAR	N	1 NFM
41.27 118.03																				
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1																				
2:20:29.556	JL1629	-0257	1550	1550	47	350	223	19	121.80	41.23	116.39	19	123.83	-27	-500	183	502	UAR	N	1 NFM
41.25 115.35																				

11/10/75
TIME ACID/SX ABC/SY RBC FRM RALT PACP PDEC PRAN RX RY DDE3 DRAN XV YV HDQ SPD ADS C SYS DIS

SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1
2:20:41.574 JL1628 -0057 1550 1550 47 350 226 19 120.22 41.04 114.73 19 122.20 -21 -499 162 502 UAR N 1 NPM
41.01 114.70
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1

C.D.R. EDITOR LISTING

JL1529. FROM 120 NM NW MPY TO 30NM NW

DATA SELECTED

RB RT RT TD

FILTERS

TIME: 11/19/35 02:22:02-11/19/35 02:33:00 CONTROLLER: SUBSYSTEM: 01
ALTITUDE: - ACID: BEACON CODE: RANGE: 32-120 AZIMUTH: 10-90
ETC: N INTERFACILITY:

RADAR REINFORCED TARGET REPORTS								11/18/55		PAGE		1
	STIME	RANGE	ACP	DEG	Q	BEACON	ALT			QUA	SYS	
SUBSYS	2:20:10.540	50.25	139	16	7	0000-0				RB	1	
	= 1 TOTAL =	1										
SUBSYS	2:20:46.574	51.87	177	15	7	1200-3				RB	1	
	= 1 TOTAL =	1										
SUBSYS	2:20:59.952	113.62	226	20	7	1550-3	350-3			RB	1	
	= 1 TOTAL =	1	MODE C TOTAL =	1								
SUBSYS	2:21:11.041	117.02	232	20	7	1550-3	350-3			RB	1	
	= 1 TOTAL =	1	MODE C TOTAL =	1								
SUBSYS	2:21:34.775	54.37	175	15	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	113.87	238	20	7	1550-3	350-3			RB	1	
SUBSYS	2:21:45.990	112.37	210	21	7	1550-3	350-3			RB	1	
	= 1 TOTAL =	1	MODE C TOTAL =	1								
SUBSYS	2:21:59.596	55.50	174	15	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	1	MODE C TOTAL =	1								
SUBSYS	2:22:11.034	109.12	247	21	7	1550-3	350-3			RB	1	
	= 1 TOTAL =	1	MODE C TOTAL =	1								
SUBSYS	2:22:22.794	55.75	172	15	7	1200-3				RB	1	
	= 1 TOTAL =	107.50	219	21	7	1550-3	350-3			RB	1	
SUBSYS	2:22:34.990	57.37	171	15	7	1200-3				RB	1	
	= 1 TOTAL =	105.00	252	22	7	1550-3	350-3			RB	1	
SUBSYS	2:22:46.719	59.00	169	14	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	104.37	257	22	7	1550-3				RB	1	
SUBSYS	2:22:59.177	53.52	159	14	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	102.87	258	22	7	1550-3	350-3			RB	1	
SUBSYS	2:23:11.200	101.25	253	23	7	1550-3	350-3			RB	1	
	= 1 TOTAL =	1	MODE C TOTAL =	1								
SUBSYS	2:23:22.912	59.75	156	14	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	1	MODE C TOTAL =	1								
SUBSYS	2:23:34.344	50.37	155	14	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	99.12	270	23	7	1550-3	350-3			RB	1	
SUBSYS	2:23:47.040	51.00	153	14	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	96.62	274	24	7	1550-3	350-3			RB	1	
SUBSYS	2:23:59.938	51.50	151	14	7	1200-3				RB	1	
	= 1 TOTAL =	1										
SUBSYS	2:24:10.961	52.12	155	13	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	93.50	282	24	7	1550-3	350-3			RB	1	
SUBSYS	2:24:23.047	52.75	150	14	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	92.00	289	25	7	1550-3	350-3			RB	1	
SUBSYS	2:24:35.072	53.37	158	13	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	90.37	293	25	7	1550-3	350-3			RB	1	
SUBSYS	2:24:47.155	54.00	155	13	7	1200-3	75-3			RB	1	
	= 1 TOTAL =	93.97	299	26	7	1550-3	350-3			RB	1	

TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:24:59.110	54.52	155	13	7	1200-3	74-3	PP	1
2:24:59.497	37.37	304	26	7	1550-3	350-3	PP	1
2:25:01.741	49.12	1025	90	7	1200-3		PP	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:25:13.579	49.37	1219	90	7	1200-3	114-3	PP	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:25:22.980	55.75	153	13	7	1200-3	74-3	PP	1
2:25:23.480	94.37	314	27	7	1550-3	350-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:25:35.071	55.50	154	13	7	1200-3		PP	1
2:25:35.446	92.87	319	28	7	1550-3	350-3	PP	1
2:25:37.700	49.87	995	97	7	1200-3	109-3	PP	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:25:47.529	31.37	329	29	7	1550-3	350-3	PP	1
2:25:49.409	49.25	993	85	7	1200-3	105-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:25:59.543	79.97	331	29	7	1550-3	350-3	PP	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:26:11.814	79.37	339	29	7	1550-3	350-3	PP	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:26:23.149	59.97	149	13	7	1200-3	75-3	PP	1
2:26:23.902	76.87	344	30	7	1550-3	350-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:26:35.925	75.37	353	31	7	1550-3	350-3	PP	1
2:26:37.429	51.50	924	81	7	1200-3	71-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:26:47.255	72.00	149	13	7	1200-3	74-3	PP	1
2:26:47.759	74.00	350	31	7	1550-3	350-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:26:59.279	70.75	150	13	7	1200-3	75-3	PP	1
2:26:59.554	72.50	355	32	7	1550-3	350-3	PP	1
2:27:01.594	51.12	902	79	7	1200-3	45-3	PP	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3						
2:27:11.364	71.25	149	13	7	1200-3	75-3	PP	1
2:27:11.742	71.12	373	32	7	1550-3	350-3	PP	1
2:27:13.242	50.37	990	79	7	1200-3	46-3	PP	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3						
2:27:23.954	69.62	383	33	7	1550-3		PP	1
2:27:25.457	49.97	825	75	7	1200-3	55-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:27:35.229	72.50	146	12	7	1200-3	75-3	PP	1
2:27:37.549	50.37	969	76	7	1200-3	64-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:27:47.319	73.12	147	12	7	1200-3	75-3	PP	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:27:59.399	73.62	146	12	7	1200-3	75-3	PP	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:29:11.415	74.25	146	12	7	1200-3	75-3	PP	1
2:29:12.229	54.00	417	36	7	1550-3	350-3	PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:29:23.314	74.87	146	12	7	1200-3	75-3	PP	1
2:29:24.066	52.62	439	38	7	0000-0		PP	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						

RADAR REINFORCED TARGET REPORTS							11/13/88	IAGF	
SPIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:23:35.332	75.50	145	12	7	1202-3	75-3	RB	1	
2:23:36.083	61.37	437	38	7	1550-3	350-3	RB	1	
2:23:37.554	52.12	999	79	7	1200-3	101-3	RB	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3							
2:23:43.174	52.20	449	39	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:23:12.292	52.37	469	41	7	1550-3	350-3	RB	1	
2:23:13.755	51.20	976	76	7	1200-3	107-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:23:24.372	56.12	490	42	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:23:36.089	54.75	494	43	7	1550-3	350-3	RB	1	
2:23:37.517	49.62	994	77	7	1200-3	101-3	RB	1	
2:23:37.693	34.75	993	87	7	0162-3		RB	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2							
2:23:49.595	53.62	507	44	7	1550-3	350-3	RB	1	
2:23:49.727	52.25	593	78	7	1200-3	45-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:30:20.592	52.37	522	45	7	1550-3	350-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:30:12.711	51.12	535	47	7	1550-3	350-3	RB	1	
2:30:13.339	51.00	912	80	7	1200-3	79-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:30:37.999	50.12	920	80	7	1200-3	101-3	RB	1	
	34.62	1010	88	7	1200-3	14-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:30:49.958	47.75	537	51	7	1550-3	350-3	RB	1	
2:30:49.710	49.62	912	80	7	1200-3	103-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:31:13.256	44.97	507	53	7	1550-3	350-3	RB	1	
2:31:14.009	50.37	892	79	7	1200-3	39-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:31:26.085	51.25	935	77	7	1200-3	52-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:31:39.114	51.87	893	78	7	1200-3	55-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:31:49.095	42.25	623	54	7	1550-3	350-3	RB	1	
2:31:49.936	52.12	996	79	7	1200-3	91-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:32:01.307	39.75	629	55	7	1550-3	349-3	RB	1	
2:32:22.122	52.00	205	79	7	1200-3	91-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:32:14.141	51.37	975	79	7	1200-3	89-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:32:37.129	34.00	651	57	7	1550-3	349-3	RB	1	
2:32:39.255	50.00	992	79	7	1200-3	39-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:32:49.591	42.50	657	57	7	1550-3	349-3	RB	1	
2:32:49.967	49.25	927	79	7	1200-3	59-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							

STIME		RANGE	ACP	DEG	Q	11/19/95 BEACON	ALT	PAUF CUR	1 SYC
	2:20:22.875	32.25	970	85	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 1								
	2:20:10.540	52.12	134	16	0	1200-3		BT	1
	2:20:12.395	32.37	956	84	2	0252-3		BT	1
		32.50	972	85	2	0260-3		BT	1
SUBSYS = 1	TOTAL = 3								
	2:20:22.552	52.75	181	15	0	1200-3	74-3	BT	1
	2:20:24.316	32.62	957	84	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
	2:20:34.493	51.37	190	15	0	1200-3		BT	1
	2:20:37.122	32.87	952	84	2	0250-3		BT	1
SUBSYS = 1	TOTAL = 2								
	2:20:46.574	52.00	194	16	0	1200-3	75-3	BT	1
	2:20:46.949	120.25	227	19	0	1552-3	350-3	BT	1
	2:20:49.823	33.20	950	84	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2							
	2:20:58.595	52.50	177	15	0	1200-3	74-3	BT	1
	2:21:02.902	33.12	952	83	0	0260-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
	2:21:10.666	53.12	175	15	0	1200-3	74-3	BT	1
	2:21:12.918	33.37	954	83	0	0260-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
	2:21:22.750	53.75	175	15	0	1200-3	75-3	BT	1
		115.50	235	20	0	1550-3	350-3	BT	1
	2:21:25.006	33.50	947	83	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2							
	2:21:37.231	33.75	945	83	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 1								
	2:21:45.515	54.87	174	15	0	1200-3		BT	1
	2:21:43.969	33.97	946	83	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 2								
	2:21:59.073	110.75	242	21	0	1550-3	350-3	BT	1
	2:22:00.947	34.12	949	83	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
	2:22:10.716	56.12	173	15	0	1200-3		BT	1
	2:22:12.970	34.37	951	83	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 2								
	2:22:25.049	34.50	949	83	2	0252-3		BT	1
SUBSYS = 1	TOTAL = 1								
	2:22:37.134	34.62	945	83	0	0260-3		BT	1
SUBSYS = 1	TOTAL = 1								
	2:22:49.969	34.75	943	82	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 1								
	2:23:01.056	34.75	937	82	0	0260-3		BT	1
SUBSYS = 1	TOTAL = 1								
	2:23:10.926	59.25	157	14	0	1200-3	75-3	BT	1
	2:23:13.079	34.87	939	82	0	0260-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
	2:23:23.239	32.75	255	23	0	1550-3	350-3	BT	1
	2:23:25.169	35.00	932	91	0	0250-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
	2:23:37.200	35.12	929	91	0	0260-3		BT	1
	2:23:37.575	35.87	1034	90	0	1200-3		BT	1

TARGET REPORTS						11/19/86	PAGE 2	
SUBSYS	TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA
SUBSYS = 1	TOTAL = 2							
2:23:49.291	35.00	927	81	0	0	0260-3		PT 1
	35.62	1030	90	0	0	1200-3		BT 1
SUBSYS = 1	TOTAL = 2							
2:23:59.443	95.12	279	24	0	0	1552-3	350-3	BT 1
2:24:01.196	34.87	930	81	0	0	0260-3		BT 1
2:24:01.572	35.12	1023	89	0	0	1200-3		BT 1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:24:10.961	62.25	158	14	0	0	1200-3	75-3	BT 1
2:24:13.217	34.75	926	81	0	0	0260-3		BT 1
2:24:13.593	35.75	1015	89	0	0	1200-3	11-3	BT 1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:24:25.301	34.75	925	81	0	0	0260-3		BT 1
	35.25	1012	89	0	0	1200-3	14-3	PT 1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:24:37.324	34.75	1017	89	0	0	1200-3	15-3	BT 1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:24:49.343	34.75	924	81	0	0	0260-3		BT 1
2:24:49.720	34.25	1019	99	0	0	1200-3	16-3	BT 1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:25:01.366	34.75	925	81	0	0	0260-3		BT 1
2:25:01.741	33.87	1028	90	0	0	1200-3	15-3	PT 1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:25:10.951	65.25	154	13	0	0	1200-3	74-3	BT 1
2:25:11.325	95.87	307	26	0	0	1552-3	351-3	BT 1
2:25:13.205	34.75	921	80	0	0	0250-3		PT 1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:25:25.294	34.75	918	89	0	0	0260-3		BT 1
2:25:25.669	48.62	1011	99	0	0	1200-3	112-3	BT 1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:25:35.071	55.37	150	13	0	0	1200-1		BT 1
2:25:37.323	34.75	922	81	0	0	0260-3		BT 1
SUBSYS = 1	TOTAL = 2							
2:25:47.153	57.00	150	13	0	0	1200-3	75-3	BT 1
2:25:49.409	34.75	924	81	0	0	0260-3		BT 1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:25:59.169	37.62	151	13	0	0	1200-3	75-3	BT 1
2:25:01.495	34.75	925	91	0	0	0260-3		BT 1
	49.75	957	84	0	0	1200-3	97-3	BT 1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:25:11.034	39.25	150	13	0	0	1200-3	75-3	BT 1
2:25:13.313	34.75	922	91	0	0	0250-3		BT 1
	50.37	955	83	0	0	1200-3	89-3	BT 1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:25:25.405	34.75	920	89	0	0	0250-3		BT 1
	50.97	946	93	0	0	1200-3	73-3	BT 1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:25:35.174	69.50	149	13	0	0	1200-3	74-3	PT 1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:25:49.514	34.37	924	81	0	0	0250-1		BT 1
	51.75	916	90	0	0	1200-3	61-3	BT 1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:25:59.272	70.62	144	12	0	0	1200-1		PT 1

DEADEND TARGET REPORTS						11/19/86	PAGE 3	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:27:01.594	34.12	924	81	0	0260-1		BT	1
SUBSYS = 1	TOTAL = 2							
2:27:13.513	33.75	923	91	2	0260-3		BT	1
SUBSYS = 1	TOTAL = 1							
2:27:23.203	21.87	147	12	0	1200-3	75-3	BT	1
2:27:23.954	59.87	392	34	0	0000-0		BT	1
2:27:25.333	37.12	1034	90	2	0152-3		BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:27:35.980	69.25	390	34	0	1550-3	350-3	BT	1
2:27:37.543	33.12	933	92	0	0253-3		BT	1
	35.87	1035	90	2	0162-3		BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:27:49.070	66.87	399	34	0	1550-3	350-3	BT	1
2:27:49.573	50.50	977	77	0	1200-3	45-3	BT	1
2:27:49.949	35.75	1030	90	2	0152-3		BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:29:00.151	55.37	429	37	2	0002-0		BT	1
	55.50	404	35	0	1550-3	350-3	BT	1
2:29:01.275	50.50	399	79	0	1200-3	45-3	BT	1
2:29:02.029	36.50	1026	90	0	0162-3		BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						
2:29:13.729	51.12	902	79	0	1200-3	50-3	BT	1
	32.25	937	92	0	0260-1		BT	1
	36.25	1022	89	0	0162-3		BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:29:24.053	32.75	425	37	3	1550-3	350-3	BT	1
2:29:25.563	51.75	323	79	2	1200-3	75-3	BT	1
	31.87	936	92	0	0260-3		BT	1
2:29:25.945	36.12	1017	89	0	0162-3		BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						
2:29:37.584	31.50	941	82	2	0260-3		BT	1
2:29:39.094	35.87	1013	99	0	0162-3		BT	1
SUBSYS = 1	TOTAL = 2							
2:29:49.577	52.00	939	79	0	1200-3	125-3	BT	1
2:29:50.052	35.62	1010	89	0	0162-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:29:00.193	59.52	457	40	0	1550-3	350-3	BT	1
2:29:01.756	51.62	933	77	2	1200-3	102-3	BT	1
	35.37	1005	89	0	0162-3		BT	1
2:29:02.131	37.62	1031	90	0	1200-3		BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						
2:29:13.795	30.50	941	82	2	0000-0		BT	1
	35.12	1002	89	0	0162-3		BT	1
SUBSYS = 1	TOTAL = 2							
2:29:25.497	52.12	975	75	2	1200-3	112-3	BT	1
2:29:25.875	35.00	999	87	0	0162-3		BT	1
2:29:26.250	37.00	1035	90	0	1200-3		BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:29:33.268	35.75	1033	90	2	1200-3		BT	1
SUBSYS = 1	TOTAL = 1							
2:29:43.227	34.50	987	86	0	0162-3		BT	1
2:29:52.229	36.37	1025	90	0	1200-3		BT	1
	36.50	1019	89	0	1200-3	5-3	BT	1

TARGET REPORTS						11/13/85	PAGE 4		
BEACON	TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 1									
	2:33:01.814	51.00	900	79	0	1200-3	51-3	BT	1
		34.25	992	86	0	0162-3		BT	1
	2:30:02.192	35.00	1020	89	0	1200-3	8-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2									
	2:33:13.338	34.00	979	85	0	0162-3		BT	1
	2:30:14.213	35.62	1013	89	0	1200-3	10-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1									
	2:32:24.792	50.20	549	46	0	1550-3	350-3	BT	1
	2:30:25.915	50.62	919	80	0	1200-3	94-3	BT	1
		33.75	974	85	0	0162-3		BT	1
	2:30:25.291	35.12	1038	83	0	1200-3	12-3	BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3									
	2:30:35.872	49.87	567	49	0	1550-3	350-3	BT	1
	2:32:37.999	33.50	976	85	0	0162-3		BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1									
	2:30:49.959	47.62	579	50	0	1550-3		BT	1
	2:30:50.086	33.25	955	84	0	0162-3		BT	1
		34.25	1020	89	0	1200-3	15-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 1									
	2:31:00.362	46.37	594	52	0	1550-3	350-3	BT	1
	2:31:01.989	49.87	904	79	0	1200-3	77-3	BT	1
		33.00	959	84	0	0162-3		BT	1
		33.37	1023	97	0	1200-3	16-3	BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3									
	2:31:14.009	32.75	954	83	0	0162-3		BT	1
	2:31:14.385	33.50	1031	90	0	1200-3	16-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1									
	2:31:24.959	43.37	612	53	0	1550-3	350-3	BT	1
	2:31:25.335	51.25	760	66	0	1200-3		BT	1
	2:31:25.083	32.50	948	83	0	0152-3		BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 1									
	2:31:35.995	41.87	515	54	0	1550-3	349-3	BT	1
	2:31:38.114	32.37	942	82	0	0162-3		BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1									
	2:31:50.212	32.12	939	92	0	0162-3		BT	1
SUBSYS = 1 TOTAL = 1									
	2:32:02.122	32.00	930	91	0	0162-3		BT	1
SUBSYS = 1 TOTAL = 1									
	2:32:13.397	37.12	636	55	0	1550-3	349-3	BT	1
	2:32:14.141	31.75	925	81	0	0162-3		BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1									
	2:32:25.491	35.52	544	55	0	1550-3	349-3	BT	1
	2:32:25.856	31.50	920	80	0	0162-3		BT	1
		50.87	900	79	0	1200-3	56-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2									
	2:32:38.255	31.25	915	80	0	0162-3		BT	1
SUBSYS = 1 TOTAL = 1									
	2:32:49.967	31.00	908	79	0	0162-3		BT	1
SUBSYS = 1 TOTAL = 1									

RADAR ONLY TARGET REPORTS						11/19/99	PAGE 1		
	TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYE
	2:20:45.574	120.12	227	19	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:21:12.543	121.37	806	70	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:21:22.752	53.62	171	15	7			RT	1
		115.37	236	20	7			RT	1
SUBSYS = 1	TOTAL = 2								
	2:21:59.073	110.62	245	21	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:22:10.716	56.25	175	15	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:22:24.572	143.25	907	70	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:22:34.980	105.97	255	22	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:23:10.926	59.00	171	15	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:23:23.289	99.62	271	23	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:23:59.939	95.25	293	24	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:24:35.447	90.62	295	25	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:25:10.951	55.12	155	13	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:25:59.169	57.75	151	13	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:25:11.034	59.12	159	13	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:26:25.405	51.00	952	83	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:26:47.759	73.97	352	31	7			RT	1
	2:26:49.514	51.62	317	82	7			RT	1
SUBSYS = 1	TOTAL = 2								
	2:27:01.220	52.62	911	80	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:27:13.242	52.97	923	79	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:27:23.203	71.50	149	13	7			RT	1
SUBSYS = 1	TOTAL = 1								
	2:27:37.173	123.25	305	70	7			RT	1
		52.25	875	76	7			RT	1
SUBSYS = 1	TOTAL = 2								
	2:27:49.197	51.75	950	75	7			RT	1
		52.37	934	77	7			RT	1
SUBSYS = 1	TOTAL = 2								
	2:29:01.275	50.87	954	75	7			RT	1
		50.12	995	77	7			RT	1
SUBSYS = 1	TOTAL = 2								
	2:29:13.354	49.87	860	75	7			RT	1
		50.25	899	79	7			RT	1
		51.25	907	79	7			RT	1
SUBSYS = 1	TOTAL = 3								

UNDER OCEA TARGET REPORTS						11/18/86	PAGE 2		
	STIME	RANGE	ACP	DEG	Q	BEACON	ALT	CUA	SYS
SUBSYS	2:29:25.193	49.75	858	75	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:22:21.756	49.00	800	73	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:29:13.408	49.37	897	78	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:22:25.197	50.25	895	77	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:29:37.517	50.00	879	77	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:22:42.727	49.25	877	77	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:30:00.313	99.12	891	33	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:32:01.814	49.75	897	77	7			RT	1
= 1	TOTAL =	2							
SUBSYS	2:30:13.933	46.12	896	78	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:32:25.918	49.75	897	78	7			RT	1
= 1	TOTAL =	1							
SUBSYS		50.75	911	80	7			RT	1
= 1	TOTAL =	2							
SUBSYS	2:32:49.710	50.62	897	78	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:31:21.989	49.62	905	79	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:31:14.008	49.75	918	90	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:31:37.736	49.37	899	79	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:31:49.836	49.87	899	78	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:32:01.807	103.37	805	70	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:32:02.122	50.00	892	78	7			RT	1
= 1	TOTAL =	2							
SUBSYS	2:32:13.011	37.25	832	55	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:32:13.764	50.62	895	77	7			RT	1
= 1	TOTAL =	2							
SUBSYS	2:32:25.105	35.75	844	56	7			RT	1
= 1	TOTAL =	1							
SUBSYS	2:32:25.856	50.62	878	77	7			RT	1
= 1	TOTAL =	2							
SUBSYS	2:32:37.879	49.87	862	75	7			RT	1
= 1	TOTAL =	1							

TIME	ACID/SX	ARC/SY	98G	FRM	RALT	PACF	PDEG	PRAN	RY	RY	DDEG	DPAN	XV	YV	HOG	SPD	ADS	C	SYS	CIS		
2:20:05.300	13.62	47.59	1200	47	74	179	15	50.11	13.94	47.51	16	49.51	-12	194	356	195			1	NRM		
2:20:09.067	32.12	2.56	0260	0260	47	969	95	32.39	32.12	2.65	85	32.32	40	53	32	76			1	NRM		
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1																						
2:20:17.304	14.35	48.14	0000	07		199	16	50.24	14.35	49.14	15	50.29	0	0	45	0			1	NRM		
2:20:17.305	13.76	48.21	1200	1200	47	179	15	50.79	13.95	49.12	15	50.12	15	192	4	194			1	NRM		
2:20:20.053	32.34	2.70	0260	0260	47	966	94	32.64	32.39	2.57	95	32.57	53	53	45	74			1	NRM		
SUBSYS = 1 TOTAL = 3																						
2:20:29.553	14.35	49.14	0000	05		199	15	50.24	14.35	49.14	15	50.29	0	0	45	0			1	NRM		
2:20:29.555	13.95	49.94	1200	1200	47	179	15	51.41	13.90	49.79	15	50.73	23	190	6	192			1	NRM		
2:20:31.303	32.51	2.87	0250	0250	47	963	94	32.93	32.49	2.34	95	32.72	52	52	45	73			1	NRM		
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 1																						
2:20:41.570	14.35	49.14	0000	05		199	15	50.24	14.35	49.14	15	50.29	0	0	45	0			1	NRM		
2:20:41.571	13.96	49.46	1200	1200	47	179	15	52.03	14.00	49.42	15	51.35	20	139	8	131			1	NRM		
2:20:41.574	41.01	114.72	JL1529	-0257	1550	1550	47	350	225	19	120.22	41.04	114.73	19	122.20	-21	-499	192	520	UAR N	1	NRM
2:20:43.399	32.59	3.25	0260	0260	47	959	94	33.02	32.71	3.10	94	32.97	52	55	43	75			1	NRM		
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 1																						
2:20:53.751	13.90	49.96	1200	1200	07	126	15	51.96	13.90	49.36	15	51.93	0	0	45	0			1	NRM		
2:20:53.753	14.35	49.14	0000	04		199	16	50.24	14.35	49.14	15	52.29	2	0	45	0			1	NRM		
2:20:53.755	14.28	50.04	1200	1200	47	181	15	52.69	14.46	49.33	15	52.00	61	190	19	121			1	NRM		
2:20:53.757	40.99	113.23	JL1529	-0257	1550	1550	47	350	229	20	119.65	41.01	113.01	19	120.59	-14	-520	191	530	UAR N	1	NRM
2:20:55.376	32.85	3.25	0250	0250	47	955	94	33.20	32.82	3.21	94	33.09	50	54	42	74			1	NRM		
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 2																						
2:21:05.307	13.90	49.96	1200	05		175	15	51.86	13.90	49.36	15	51.93	0	0	45	0			1	NRM		
2:21:05.309	14.29	50.67	1200	1200	47	179	15	53.27	14.07	50.56	15	52.46	32	194	10	187			1	NRM		
2:21:05.310	40.79	111.37	JL1529	-0257	1550	1550	47	350	231	20	117.01	40.64	111.43	20	119.96	-37	-497	191	500	UAR N	1	NRM
2:21:09.047	32.95	3.51	0260	0260	47	950	93	33.29	32.90	3.54	93	33.22	39	59	29	79			1	NRM		
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																						
2:21:17.933	13.90	49.96	1200	05		175	15	51.96	13.90	49.36	15	51.93	0	0	45	0			1	NRM		
2:21:17.935	14.25	51.29	1200	1200	47	174	15	53.93	14.07	51.20	15	53.06	9	185	2	185			1	NRM		
2:21:17.937			JL1529	-0257	1550	1550	47	350	234	20	115.42	40.75	103.55	22	117.33	-29	-499	133	501	UAR N	1	NRM

11/19/83																	PAGE 2			
TIME	ACID/SX	ABC/SX	RBC	FRM	RALT	PAGE	PDE3	PRAN	RX	RY	DDE3	DRAN	XV	YV	PDG SPD	ADS G	SYS	CIS		
2:21:20.152	40.70	109.70	0250	0250	47			949	93	33.53	33.17	3.55	93	33.43	49	59	39	77		
SUBSYS = 1		TOTAL = 4		MODE C TOTAL = 2															1	NPM
2:21:29.914	33.14	3.53	1200	1200	47			176	15	51.96	13.90	49.36	15	51.93	0	0	45	0		
2:21:29.915	13.92	49.96	1200	1200	47			173	15	54.42	14.32	51.79	15	53.70	12	132	2	183		
2:21:29.915	JL1629	-0057	1550	1550	47			350	20	113.95	40.73	109.76	20	115.82	-20	-499	192	499		
2:21:32.150	40.57	109.03	0250	0250	47			944	92	33.89	33.25	3.93	93	33.62	44	53	35	79		
SUBSYS = 1		TOTAL = 4		MODE C TOTAL = 2															1	NPM
2:21:41.739	33.29	3.90	1200	1200	47			172	15	55.00	14.43	52.42	15	54.32	19	190	5	181		
2:21:41.741	14.37	52.45	JL1629	-0057	1550	1550	47			350	21	112.29	40.64	106.35	20	114.19	-16	-499		
2:21:44.004	40.62	106.37	0250	0250	47			941	92	33.90	33.49	4.07	93	33.95	49	59	39	79		
SUBSYS = 1		TOTAL = 3		MODE C TOTAL = 2															1	NPM
2:21:53.799	33.45	4.09	1200	1200	47			172	15	55.56	14.45	52.92	15	54.91	20	176	5	177		
2:21:53.800	14.45	53.03	JL1629	-0057	1550	1550	47			350	21	110.71	42.43	104.92	21	112.67	-27	-495		
2:21:56.039	40.50	104.73	0260	0260	47			940	92	34.14	33.62	4.23	93	33.99	56	47	50	73		
SUBSYS = 1		TOTAL = 3		MODE C TOTAL = 1															1	NPM
2:22:05.945	33.95	4.21	1200	1200	47			172	15	56.14	14.52	53.51	15	55.42	29	172	9	175		
2:22:05.947	14.57	53.59	JL1629	-0057	1550	1550	47			350	21	109.11	40.17	103.20	21	111.05	-47	-492		
2:22:09.101	40.29	103.12	0260	0260	47			942	92	34.42	33.97	3.96	93	34.23	68	22	71	71		
SUBSYS = 1		TOTAL = 3		MODE C TOTAL = 2															1	NPM
2:22:17.944	33.92	4.20	1200	1200	47			171	15	56.71	14.71	54.14	15	55.04	32	171	12	174		
2:22:17.945	14.70	54.17	JL1629	-0057	1550	1550	47			350	21	107.56	40.35	101.37	21	109.40	-22	-495		
2:22:20.177	40.25	101.43	0260	0260	47			943	93	34.67	34.15	3.92	93	34.49	74	-10	98	75		
SUBSYS = 1		TOTAL = 3		MODE C TOTAL = 1															1	NPM
2:22:29.992	34.19	4.07	1200	1200	47			171	15	57.30	14.79	54.79	15	56.67	30	172	12	175		
2:22:29.994	14.79	54.75	JL1629	-0057	1550	1550	47			350	22	105.96	40.06	99.75	21	107.76	-35	-496		
2:22:32.225	40.10	99.79	0250	0260	47			949	93	34.95	34.25	4.70	93	34.60	69	-14	101	71		
SUBSYS = 1		TOTAL = 3		MODE C TOTAL = 1															1	NPM
2:22:41.955	34.40	4.21	1200	1200	47			170	14	57.89	14.97	55.40	14	57.29	27	174	9	177		
2:22:41.957	14.37	55.34	JL1629	-0057	1550	1550	47			350	22	104.39	39.95	99.17	22	106.25	-39	-495		
2:22:44.130	39.96	98.12	0250	0260	47			949	93	35.03	34.35	4.17	93	34.73	63	-1	90	53		

TIME	ACID/SX	ARE/SY	REC	FRM	RALT	PACP	PDEG	PRAN	RY	DDE3	DRAN	XV	YV	LEG	SPD	APS	C	SYS	CIS	
	34.59	4.04																		
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	1															
2:22:53.373	14.90	55.95	1200	1200	47	75	159	14	59.50	14.95	55.24	14	57.92	19	179	5	190	1	NRM	
2:22:53.991	JL1628 -0057	1550	1550	47			259	22	102.84	43.07	95.35	22	101.59	-19	-429	192	193	UAR N	1	NRM
2:22:55.354	39.96	96.45	0250	0250	47		945	93	35.17	34.45	4.29	92	31.85	54	19	71	57	1	NRM	
	34.73	4.17																		
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	1															
2:23:05.959	14.35	55.57	1200	1200	47	75	155	14	59.13	14.93	56.67	14	59.50	14	192	4	193	1	NRM	
2:23:05.333	JL1629 -0057	1550	1550	47	350		262	23	101.25	39.65	94.90	22	103.07	-38	-435	194	199	UAR N	1	NRM
2:23:09.221	39.78	94.81	0260		46		944	82	35.36	34.92	4.23	83	35.30	54	18	71	57	1	PAB	
2:23:09.223	34.92	4.23	0115-1616	0260		12	935	92	34.93	34.43	4.50			-17	74	347	75	1	DFV	
	34.60	4.67																		
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	2															
2:23:19.229	15.20	57.21	1200	1200	47	75	155	14	59.75	15.20	52.29	14	59.11	14	195	4	196	1	NRM	
2:23:19.354	JL1629 -0057	1550	1550	47	350		266	23	99.68	39.73	93.10	23	101.41	-30	-426	193	199	UAR N	1	NRM
2:23:20.235	39.69	93.14	0250	0260	27		933	92	34.95	34.56	4.53	82	34.98	-19	57	343	70	1	NRM	
2:23:20.534	34.59	4.59	1200	1200	37		1035	90	37.12	37.48	-1.23	91	37.45	-111	32	303	145	1	NRM	
	37.48	-95																		
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	2															
2:23:30.333	15.04	57.82	1200	1200	47	75	164	14	50.36	15.04	57.31	14	59.61	14	195	4	196	1	NRM	
2:23:30.461	JL1628 -0057	1550	1550	47	350		269	23	98.14	39.57	91.54	23	99.89	-32	-495	193	197	UAR N	1	NRM
2:23:32.345	39.57	91.50	0250	0250	37		929	91	34.94	34.64	4.92	91	35.10	-7	76	354	75	1	NRM	
2:23:32.729	34.59	4.92	1200	1200	47		1031	90	36.73	37.10	-0.73	91	37.05	-113	95	307	143	1	NRM	
	37.10	-59																		
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	2															
2:23:42.157	15.10	58.43	1200	1200	47	75	163	14	60.98	15.10	59.43	14	60.22	15	135	4	186	1	NRM	
2:23:42.551	JL1629 -0057	1550	1550	47	350		273	23	95.57	39.40	89.92	23	99.23	-31	-495	193	197	UAR N	1	NRM
2:23:44.434	39.49	89.34	0260	0260	47		923	81	35.10	34.73	5.14	91	35.23	7	77	5	79	1	NRM	
2:23:44.313	34.65	5.14	1200	1200	47		1027	90	35.39	35.95	-0.53	91	35.78	-110	92	305	139	1	NRM	
	35.75	-43																		
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	2															
2:23:54.034	15.12	59.05	1200	1200	47	75	161	14	61.59	15.07	59.09	14	60.93	10	195	3	186	1	NRM	
2:23:54.453	JL1629 -0057	1550	1550	47	350		273	24	95.05	39.42	89.20	24	95.69	-29	-495	193	196	UAR N	1	NRM
2:23:55.379	39.39	89.19	0260	0260	47		919	90	35.10	34.60	5.18	91	35.10	2	72	2	72	1	NRM	
2:23:55.707	34.34	5.35	1200	1200	47		1023	99	36.09	36.62	-0.32	92	35.52	-123	76	306	130	1	NRM	
	36.42	-20																		

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RK	RY	DDEG	DRAN	XV	YV	HDC	STD	ADS	C	SIS	CLS
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																				
2:24:05.116			1200	1200	47			159	13	62.15	15.03	59.52	14	61.31	0	194	0	193	1	NRM
			15.09	59.67																
2:24:05.541	JL1629	-3257	1550	1550	47	350	293	24	93.55	39.46	96.53	24	95.13	-14	-495	191	495	UAR	N	1 NRM
			32.32	36.53																
2:24:05.359			1200	1200	47		1019	99	35.75	35.12	.04	99	35.99	-101	79	307	129			1 NRM
			35.09	.04																
2:24:09.350			0260	0260	47		919	80	35.02	34.50	5.20	91	34.97	-8	55	351	55			1 NRM
			31.57	5.46																
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 1																				
2:24:13.148			1200	1200	47	75	154	13	62.69	14.62	60.35	13	61.92	-35	196	349	199			1 NRM
			14.85	60.31																
2:24:13.500	JL1629	-2257	1550	1550	47	350	297	25	91.93	39.19	94.37	24	93.47	-26	-425	193	495	UAR	N	1 NRM
			39.26	84.87																
2:24:20.440			1200	1200	47	11	1011	92	35.45	35.73	.40	92	35.65	-98	90	311	132			1 NRM
			35.79	.37																
2:24:20.442			0260	0260	47		917	90	34.81	34.34	5.20	91	34.84	-29	13	325	40			1 NRM
			34.43	5.54																
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3																				
2:24:30.213			1200	1200	47	75	155	13	53.37	15.23	50.95	14	52.54	1	199	9	199			1 NRM
			14.39	50.93																
2:24:30.515	JL1629	-0057	1550	1550	47	350	292	25	90.49	39.32	83.15	25	91.90	-14	-497	191	497	UAR	N	1 NRM
			32.25	83.20																
2:24:32.451			1200	1200	47	14	1007	99	35.02	35.23	.84	99	35.17	-120	91	306	136			1 NRM
			35.37	.62																
2:24:32.453			0260	0260	47		917	90	34.51	34.34	5.25	91	34.85	-39	21	209	44			1 NRM
			34.29	5.56																
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3																				
2:24:42.222			1200	1200	47	75	155	13	64.00	15.20	51.51	13	63.14	19	197	5	199			1 NRM
			15.09	61.56																
2:24:42.511	JL1629	-0057	1550	1550	47	350	297	26	98.95	39.26	91.39	25	90.22	-9	-521	191	500	UAR	N	1 NRM
			39.23	91.51																
2:24:44.490			1200	1200	47	15	1009	93	34.41	34.75	.35	92	34.66	-134	11	287	141			1 NRM
			34.84	.65																
2:24:44.491			0260		46		916	90	34.50	34.15	5.52	90	34.71	-39	21	209	44			1 P.P
			34.15	5.62																
2:24:44.494	0115-1521		0260	0260	11		914	90	35.07	.02	.02			31	29	47	43			1 RT
			34.56	5.87																
2:24:44.497	0115-1622		0260	0260	11		926	91	34.55	.00	.20			-9	-42	190	43			1 IT
			34.17	5.14																
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 3																				
2:24:54.252			1200	1200	47	75	154	13	64.62	15.15	62.15	13	63.77	19	196	5	199			1 NRM
			15.15	62.17																
2:24:54.525	JL1629	-0057	1550	1550	47	350	303	26	97.42	39.21	79.75	25	99.65	-9	-504	190	503	UAR	N	1 NRM
			32.20	79.92																
2:24:55.312			1200	1200	47	16	1013	99	33.83	34.25	.25	99	34.14	-147	-2	269	147			1 NRM
			34.31	.53																
2:24:55.514			0260	0260	47		917	90	34.40	34.32	5.29	91	34.94	-36	11	297	39			1 NRM
			34.05	5.56																
2:24:55.974			1200	1200	37	115	1031	90	49.14	47.95	-1.76	92	47.98	54	377	0	393			1 NRM
			47.95	-1.82																
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4																				
2:25:05.091			1200	1200	47	74	153	13	65.24	15.21	62.79	13	64.42	18	196	5	199			1 NRM

11/15/23

TIME	ACID/SX	ABC/SY	RRC	FRM	RALT	PACP	PDE3	PRAN	RK	RY	DD51	PRAN	YV	YV	PTG	SPD	ADS	C	SYS	CIS		
2:25:03.432	JL1629	-0057	1550	1550	47	350	309	27	85.92	39.29	79.74	25	95.97	-0	-506	190	504	UAR	N	1	NRM	
2:25:03.375			1200		46		1013	89	33.34	33.82	.53	89	33.75	-147	-0	269	147			1	PAR	
2:25:03.375	0003-1507		1200		12	15	1027	90	33.39	33.97	-.20			-142	-129	232	180			1	DFV	
2:25:09.377			0260		46		916	90	34.29	33.93	5.50	92	34.49	-36	11	297	38			1	PAR	
2:25:09.379	0115-1510		0250		12		924	91	34.52	34.34	5.25			22	-41	150	15			1	DFV	
2:25:09.743			1200	1200	47		1011	98	48.29	48.12	-.06	90	47.94	50	399	7	404			1	NRM	
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 3																						
2:25:13.109			1200	1200	47	74	152	13	65.95	15.26	63.42	13	65.25	17	136	5	187			1	NRM	
2:25:19.491	JL1629	-0057	1550	1550	47	351	313	27	84.34	39.95	76.51	26	85.39	-22	-504	192	505	UAR	N	1	NRM	
2:25:20.425			1200	1200	47	114	995	97	43.59	43.37	.43	99	43.24	60	334	9	390			1	NRM	
2:25:20.409			0260	0260	27		924	91	34.77	34.31	5.45	91	34.84	27	-32	139	42			1	NRM	
2:25:20.736			0000		24		1233	90	49.96	49.71	-1.34	91	49.69	39	222	10	205			90	1	NRM
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																						
2:25:30.217			1200	1200	47	74	151	13	65.44	15.29	63.93	13	65.56	14	193	1	194			1	NRM	
2:25:30.535	JL1628	-0057	1550	1550	47	350	319	29	82.93	39.07	74.76	27	94.03	-17	-524	191	504	UAR	N	1	NRM	
2:25:32.455			1200		45		979	85	49.88	49.54	2.09	87	49.61	62	394	8	390			1	PAP	
2:25:32.457	0027-1612		1200		12	114	994	97	48.86	49.60	.96			59	216	17	227			1	DFV	
2:25:32.451			0250	0250	37		922	91	34.84	34.29	5.52	90	34.83	23	-3	99	23			1	NRM	
2:25:32.971			0000		23		1324	90	49.09	49.95	-.73	90	49.87	38	222	10	206			90	1	NRM
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																						
2:25:42.279			1200	1200	47		152	13	67.07	15.56	64.54	13	65.32	29	133	9	196			1	NRM	
2:25:42.546	JL1629	-0057	1550	1550	47	350	325	29	81.32	38.95	73.14	29	82.64	-20	-502	192	503	UAR	N	1	NRM	
2:25:44.503			1200	1200	27	129	996	96	49.14	49.92	2.29	87	49.99	70	228	19	222			1	NRM	
2:25:44.511			0260	0260	47		922	91	34.86	34.31	5.40	91	34.83	19	-7	111	29			1	NRM	
2:25:44.979			0022		17		1015	99	49.22	49.09	-.24	92	49.91	38	222	10	205			90	1	NRM
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 2																						
2:25:54.332			1200	1200	47	75	149	13	67.66	15.26	65.21	13	65.91	8	194	2	194			1	NRM	
2:25:54.706	JL1629	-0057	1550	1550	47	350	333	29	79.90	39.23	71.29	29	91.28	5	-527	179	505	UAR	N	1	NRM	

TIME		ACID/SX	ABC/SY	RBC	PRM	RALT	PACP	PDEG	PRAN	RX	RY	DDE3	DRAN	XV	YV	HDC	SPD	ADS	C	PAGF	SYS	CLS
2:25:53.592			0200		14		1207	89	49.35	49.21	.30	82	49.10	39	232	10	205			RO	1	NRM
		49.21	.60																			
2:25:55.592			1202	1200	37	105	974	85	49.50	49.14	3.29	85	49.33	77	226	18	240				1	NRM
		49.09	2.96																			
2:25:55.537			0232	0260	47		321	81	34.55	34.32	5.29	81	34.84	14	-16	139	21				1	NPM
		34.42	5.34																			
SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 3																		
2:26:05.367			1200	1200	47	75	149	13	68.25	15.51	65.91	13	67.45	14	182	4	183				1	NRM
		15.49	65.95																			
2:26:05.302		JL1629	-0257	1550	1550	47	350	339	29	79.39	39.92	69.79	29	79.93	-14	-524	191	504	UAR	N	1	NRM
		38.95	69.70																			
2:26:09.455			1200	1200	47	97	951	84	49.92	49.54	4.34	85	49.89	94	252	18	266				1	NPM
		49.42	3.22																			
2:26:09.459			0250	0260	47		325	91	34.82	34.34	5.25	91	34.95	7	-21	151	22				1	NRM
		34.40	5.25																			
SUBSYS = 1		TOTAL = 4		MODE C TOTAL = 3																		
2:26:19.229			1200	1200	47	75	149	13	68.85	15.56	65.43	13	68.02	16	182	5	183				1	NPM
		15.54	65.45																			
2:26:19.741		JL1629	-0257	1550	1550	47	350	345	30	76.97	39.92	69.26	29	78.41	-20	-523	182	504	UAR	N	1	NPM
		38.87	68.84																			
2:26:22.471			1200		45		951	93	50.30	49.70	4.75	84	50.29	84	252	18	266				1	PAB
		49.70	4.76																			
2:26:22.472		0227-1515	1200		12	97	344	92	50.74	50.07	5.31			141	333	22	362				1	FEV
		50.35	6.15																			
2:26:22.473			0250	0260	47		325	91	34.79	34.31	5.40	81	34.83	2	-15	171	15				1	NRM
		34.39	5.23																			
SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 3																		
2:26:30.336			1200	1200	47	75	147	12	69.46	15.59	67.06	13	68.71	16	182	5	183				1	NRM
		15.59	67.05																			
2:26:32.593		JL1629	-0257	1550	1550	47	350	351	30	75.36	39.70	65.42	30	77.00	-29	-502	193	503	UAR	N	1	NRM
		38.75	66.37																			
2:26:32.595			1200	1200	27	79	932	91	51.45	50.50	6.06	93	51.05	148	329	24	360				1	NPM
		50.43	5.10																			
2:26:32.599			0250	0260	47		325	91	34.75	34.29	5.51	92	34.93	-2	-6	203	7				1	NRM
		34.35	5.23																			
SUBSYS = 1		TOTAL = 4		MODE C TOTAL = 3																		
2:26:42.335			1200	1200	47	74	145	12	70.07	15.54	67.70	12	69.35	14	182	4	193				1	NPM
		15.54	67.69																			
2:26:42.952		JL1629	-0257	1550	1550	47	350	359	31	73.92	38.84	64.52	31	75.53	-13	-525	181	504	UAR	N	1	NRM
		39.75	64.67																			
2:26:44.342			1200	1200	37	71	913	90	52.10	50.97	7.25	81	51.84	139	392	19	429				1	NRM
		50.89	7.53																			
2:26:44.345			0250		46		326	91	34.74	34.35	5.21	91	34.86	-2	-6	203	7				1	PAB
		34.35	5.21																			
2:26:44.343		0115-1503	0250	0260	11		324	91	34.72	.02	.00			-4	4	310	5				1	PT
		34.31	5.29																			
2:26:44.651		0115-1623	0260	0260	11		325	91	34.83	.02	.20			6	-9	93	6				1	IT
		34.43	5.23																			
SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 3																		
2:26:54.443			1200	1200	47	74	145	12	70.66	15.75	69.13	12	69.95	19	179	6	191				1	NRM
		15.71	69.26																			
2:26:54.922		JL1629	-0257	1550	1550	47	350	357	32	72.52	38.81	63.20	31	74.27	-5	-504	180	503	UAR	N	1	NRM
		39.76	62.93																			

11/18/85														PAGE	7					
TIME	ACID/SI	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAM	RY	RY	PDEG	DRAN	XV	YV	EDC	SPD	ADS	C	SYS	CLS
2:26:55.695		1200	35			998	78	52.79	51.35	9.91	80	52.24	138	332	19	409			1	PAR
	51.35	8.81																		
2:26:53.597	0227-1310	1200	12	21	301	79	52.42	51.03	9.53				90	340	14	352			1	DEF
	51.50	9.91																		
2:26:56.700		0260	42			926	81	34.72	34.34	5.20	81	34.84	-2	-6	223	7			1	PAR
	34.34	5.20																		
2:26:53.702	0115-1523	0250	12			325	91	34.45	33.95	5.25			-30	-4	261	31			1	DEF
	34.01	5.20																		
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 3																				
2:27:05.490		1200	1200	47	75	149	13	71.30	16.12	69.97	13	73.58	46	177	14	193			1	NRM
	15.95	69.95																		
2:27:25.205	JL1629 -0057	1550	1550	47	352	374	32	71.04	39.59	51.37	32	72.92	-16	-503	191	503	UAR	N	1	NRM
	39.67	61.31																		
2:27:09.792		1200	1200	07	45	902	79	51.11	50.21	9.50	79	51.19	0	0	45	0			1	NRM
	50.21	9.50																		
2:27:03.794		1200	32			994	77	53.50	51.91	12.09	79	52.95	139	332	19	409			1	PAR
	51.91	10.09																		
2:27:09.799		0260	27			924	81	34.12	33.71	5.20	81	34.22	-41	-4	263	42			1	NRM
	33.85	5.20																		
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																				
2:27:13.339		1200	1200	47	75	147	12	71.89	16.03	69.40	12	71.10	40	177	12	191			1	NRM
	16.07	69.45																		
2:27:13.703	JL1629 -0057	1550	1550	47	352	392	33	69.60	39.50	59.79	32	71.47	-25	-409	182	490	UAR	N	1	NRM
	33.55	59.67																		
2:27:20.223		1200	24			970	76	54.24	52.29	11.37	77	53.47	139	332	19	409			1	PAR
	52.28	11.37																		
2:27:20.530		1200	1200	20	45	979	77	49.55	49.29	12.25	79	50.36	-265	221	309	347			1	NRM
	49.29	10.26																		
2:27:20.593		0260	0260	37		923	91	33.69	33.32	5.20	91	33.93	-72	-3	267	72			1	NRM
	33.53	5.20																		
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																				
2:27:30.357		1200	1200	47	75	145	12	72.50	16.05	70.04	12	71.75	29	179	9	192			1	NRM
	16.14	70.04																		
2:27:30.904	JL1629 -0057	1550	1550	47		391	34	68.21	39.59	57.95	33	70.02	-16	-520	191	500	UAR	N	1	NRM
	39.53	57.99																		
2:27:32.233		1200	1200	30	56	963	75	49.27	49.57	11.21	77	49.76	-233	251	319	351			1	NRM
	48.54	11.17																		
2:27:32.525		0260	36			922	81	33.45	33.28	5.18	81	33.79	-72	-3	267	72			1	PAR
	33.29	5.18																		
2:27:32.526	0115-1606	0250	0260	11		911	90	34.17	.00	.20			18	59	15	71			1	PT
	33.65	5.99																		
2:27:32.629	0115-1607	0260	0250	11		937	92	34.02	.00	.20			24	-67	159	71			1	IT
	33.71	4.53																		
2:27:32.935		0162	0162	47		1031	90	36.95	37.10	-5.56	90	37.03	-66	62	313	90			1	NRM
	37.06	-5.56																		
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 2																				
2:27:42.453		1200	1200	47	75	145	12	73.09	15.09	72.37	12	72.37	19	190	5	182			1	NRM
	15.17	70.55																		
2:27:43.216	JL1629 -0057	1550	1550	47	350	399	35	66.90	39.43	56.39	34	59.65	-19	-438	192	499	UAR	N	1	NRM
	38.45	56.32																		
2:27:44.340		1200	27			949	74	49.73	47.76	12.94	75	49.12	-233	251	318	351			1	PAR
	47.76	12.04																		
2:27:44.343	0055-1616	1200	1200	13	64	953	74	50.96	49.92	11.23			75	344	12	352			1	ETT

TIME	ACID/SY	ABC/SY	RBC	FRM	PALT	PACP	PDEG	PRAN	RX	PY	DDEG	PRAN	YV	YV	EDG	SPD	ADS	C	SYS	CIS	
	-15.20	-24.39																			
2:45:23.475		1547	1547	47	39	1153	101	23.79	23.34	-5.53	193	23.92	0	294	0	294			1	NPM	
	23.31	-5.37																			
2:45:23.475		0152	0152	47		1297	113	19.49	17.96	-7.21	111	19.41	-23	-115	191	119			1	NPM	
	17.99	-7.26																			
2:45:23.479		1271	1271	47	710	1237	103	22.95	21.53	-7.32	109	22.80	0	1	7	1			1	NPM	
	21.34	-7.35																			
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 3																					
2:45:25.750	111629	-0121	1550			42		1925	169	33.74	6.18	-31.50	162	32.17	21	-431	175	493	UAD N	1	PAP
	6.18	-31.50																			
2:45:25.751	0101	-1522	1550			12		1215	139	33.92	5.99	-31.52		92	-520	170	520		1	FEY	
	6.91	-33.23																			
2:45:25.482		1200				36		2223	195	34.36	-9.56	-33.32	195	21.73	119	20	56	144		1	PAP
	-9.56	-33.39																			
2:45:25.433	0023	-1505	1200			12		2237	195	34.25	-17.25	-33.06		19	127	9	129		1	FEY	
	-9.84	-32.79																			
2:45:25.999		1200				46		2393	210	27.67	-14.49	-24.14	210	29.23	154	76	63	171		1	PAP
	-14.49	-24.14																			
2:45:25.992	0030	-1523	1200	1200	11	74	2392	209	29.99	.00	.00			24	-169	171	170		1	FEY	
	-14.54	-26.04																			
2:45:25.995	0030	-1624	1200	1200	11	74	2444	214	29.17	.00	.00			-121	121	315	170		1	IT	
	-16.10	-23.10																			
2:45:35.313		1547	1547	47	36	1137	99	23.60	23.20	-4.99	102	23.72	-7	196	357	196			1	NPM	
	23.25	-4.75																			
2:45:35.618		1271	1271	47	710	1239	109	22.77	21.51	-7.35	102	22.79	-9	2	283	9			1	NPM	
	21.57	-7.34																			
2:45:35.390		0152	0152	47		1209	114	19.57	17.93	-7.62	113	19.52	-21	-115	190	117			1	NPM	
	17.92	-7.64																			
SUBSYS = 1 TOTAL = 10 MODE C TOTAL = 4																					
2:45:37.904	JL1629	-0101	1550	27	310	1914	162	35.66	7.03	-33.25	169	33.99	99	-520	160	510	UAD N		1	NPM	
	6.95	-33.23																			
2:45:33.557		1200	1200	27		2239	195	33.90	-9.92	-32.92	195	34.40	14	122	3	121			1	NPM	
	-9.99	-32.85																			
2:45:39.930		1200				42		2396	209	27.19	-13.96	-23.99	210	27.72	154	76	63	171		1	PAP
	-13.96	-23.99																			
2:45:33.933	0030	-1523	1200	1200	10	74	2392	209	30.45	.00	.00			-79	-150	207	170		1	FEY	
	-14.90	-26.54																			
2:45:39.935	0030	-1624	1200	1200	10	74	2456	215	29.42	.00	.00			-169	26	279	170		1	IT	
	-15.35	-23.23																			
2:45:47.053		1547	1547	47	33	1122	99	23.54	23.32	-4.42	102	23.77	-0	129	350	197			1	NPM	
	23.29	-4.15																			
2:45:47.432		1271	1271	47	710	1239	109	22.73	21.51	-7.35	109	22.79	-10	9	272	10			1	NPM	
	21.53	-7.35																			
2:45:47.317		0152	0162	47		1313	115	19.67	17.76	-3.30	114	19.49	-27	-113	193	113			1	NPM	
	17.91	-9.01																			
SUBSYS = 1 TOTAL = 9 MODE C TOTAL = 5																					
2:45:50.419		1200	1200	37		2241	196	33.46	-9.92	-32.40	196	33.99	16	125	7	127			1	NPM	
	-9.92	-32.42																			
2:45:50.799		1200				34		2379	209	26.72	-13.45	-23.32	209	27.20	154	76	63	171		1	PAP
	-13.45	-23.62																			
2:45:50.730	0030	-1523	1200	1200	10	74	2393	209	30.91	.00	.00			-152	-74	243	160		1	FEY	
	-15.40	-26.79																			
2:45:50.792	0030	-1624	1200	1200	10	74	2492	216	29.93	.00	.00			-152	-77	243	160		1	IT	

TIME

TRAN.....R

SYNOPSIS

TIME	ACID/SX	ABC/SY	RBC	ERM	RALT	PACP	PDEZ	PRAN	RX	RY	DDEZ	DRAN	XV	YV	HOG	SPD	ADS_C	SYS	CIS
2:45:59.250	-17.17	-23.29	1547	1547	47	31	1106	97	23.50	23.32	-3.70	93	23.69	2	193	0	192	1	NPM
2:45:59.133	23.29	-3.57	1271	1271	47	710	1238	108	22.74	21.64	-7.35	109	22.91	-6	-0	268	6	1	NPM
2:45:59.357	21.53	-7.35	0152	0152	47		1325	116	19.60	17.62	-9.32	115	19.47	-36	-110	198	115	1	NPM
SUBSYS = 1	TOTAL =	7	MODE C	TOTAL =	4														
2:46:22.438	17.67	-9.37	1200	1200	47		2235	196	33.03	-9.42	-32.14	195	33.53	49	119	22	129	1	NPM
2:46:02.968	-9.59	-32.06	0156	0156	07	74	2325	209	25.75	-13.21	-23.25	209	25.75	0	0	45	0	1	NPM
2:46:11.142	-13.21	-23.25	1547	1547	47	28	1099	95	23.42	23.29	-3.31	97	23.57	1	191	0	191	1	NPM
2:46:11.516	23.29	-2.96	1271	1271	47	710	1238	109	22.75	21.64	-7.35	109	22.91	-3	-1	250	3	1	NPM
2:46:11.935	21.53	-7.35	0152	0152	47		1339	117	19.57	17.57	-9.72	115	19.56	-34	-110	197	115	1	NPM
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	3														
2:46:14.519	17.56	-9.75	1200	1200	46		2235	196	32.61	-9.42	-31.55	195	33.05	48	118	22	129	1	FAS
2:46:14.521	-9.42	-31.55	0073-1515	1200	1200	11	2214	194	33.99	.00	.00		97	-99	130	129		1	RT
2:46:14.523	-8.36	-32.79	0073-1517	1200	1200	11	2261	198	33.57	.00	.00		-127.	7	273	129		1	IT
2:46:14.993	-10.92	-31.87	0155	0155	20	74	2355	207	25.75	-12.60	-23.21	203	25.27	177	77	59	101	1	NPM
2:46:23.160	-12.50	-23.01	1547	1547	47	25	1072	94	23.42	23.37	-2.35	95	23.57	6	191	2	192	1	NPM
2:46:23.530	23.34	-2.35	1271	1271	47	710	1239	109	22.79	21.64	-7.35	109	22.91	0	-3	159	3	1	NPM
2:46:23.932	21.54	-7.37	0162	0162	47		1350	118	19.71	17.40	-9.73	117	19.52	-37	-137	199	114	1	NPM
SUBSYS = 1	TOTAL =	7	MODE C	TOTAL =	3														
2:46:25.531	17.42	-9.79	1200	1200	42		2234	196	32.19	-9.26	-31.26	195	32.63	48	119	22	129	1	IAD
2:46:25.533	-9.26	-31.26	0073-1512	1200	1200	12	2223	195	32.23	-9.57	-31.59		99	95	45	137		1	RTV
2:46:27.002	-9.59	-31.10	0156	0156	30	74	2366	207	25.25	-12.31	-22.50	209	25.69	134	95	50	151	1	NPM
2:46:35.247	-12.25	-22.64	1547	1547	47	24	1055	92	23.56	23.54	-1.79	94	23.67	21	190	5	192	1	NPM
2:46:35.526	23.45	-1.76	1271	1271	47	710	1239	109	22.79	21.53	-7.22	109	22.72	0	-2	153	0	1	NPM
2:46:35.907	21.54	-7.37	0162	0162	47		1352	119	19.79	17.31									

TIME	AGID/SX	ABC/SX	RBC	FRM	RALT	PACP	PDEG	PEAN	RY	RY	PDEG	PRAN	XV	YV	EDC	SPD	APC	SYS	CIS
2:46:47.748		1271	1271	47	710	1237	109	22.83	21.64	-7.35	109	22.91	6	1	75	6		1	NEM
	21.59	-7.35																	
2:46:48.121		0152	0162	47		1374	120	19.93	17.25	-9.31	119	19.96	-29	-129	105	113		1	NEM
	17.21	-9.32																	
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	3														
2:46:50.720		1200	1200	37		2201	193	31.61	-7.75	-31.23	194	31.09	127	79	57	151		1	NEM
	-7.92	-31.00																	
2:46:51.236		0156	0166	47	74	2353	226	24.25	-11.42	-21.93	227	21.62	127	102	51	154		1	NEM
	-11.37	-21.96																	
2:46:59.191		1547	1547	47	21	1224	90	23.90	23.73	-0.60	91	23.71	33	177	10	199		1	NEM
	23.58	-0.59																	
2:46:59.563		1271	1271	47	710	1237	109	22.92	21.51	-7.35	109	22.79	3	2	55	4		1	NEM
	21.59	-7.34																	
2:46:59.943		0162	0162	47		1395	121	20.09	17.20	-10.17	120	20.02	-23	-110	102	112		1	NEM
	17.17	-10.19																	
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	3														
2:47:02.579		1200	1200	47		2194	192	31.25	-7.43	-30.71	193	31.51	125	21	56	150		1	NEM
	-7.40	-30.71																	
2:47:02.952		0156	0166	47	74	2345	206	23.73	-10.99	-21.35	206	21.49	130	99	52	155		1	NEM
	-10.92	-21.64																	
2:47:10.918		0000		22		349	93	20.12	19.99	2.22	93	22.19	0	0	0	0		1	NEM
	19.98	2.29																	
2:47:11.332		1547	1547	47	20	1308	89	23.97	23.97	0.00	90	23.79	38	176	12	192		1	NEM
	23.92	-0.00																	
2:47:11.555		1271	1271	47	710	1237	109	22.85	21.64	-7.35	109	22.91	5	0	90	5		1	NEM
	21.52	-7.35																	
2:47:11.954		0152	0162	47		1395	122	20.24	17.10	-10.57	121	20.19	-21	-110	101	112		1	NEM
	17.09	-10.56																	
SUBSYS = 1	TOTAL =	6	MODE C	TOTAL =	3														
2:47:14.592		1200	1200	47		2192	192	30.77	-7.43	-30.34	193	31.13	103	99	45	143		1	NEM
	-7.14	-30.34																	
2:47:14.957		0156	0166	47	74	2335	205	23.35	-10.35	-21.50	205	23.02	147	95	59	155		1	NEM
	-10.42	-21.40																	
2:47:22.940		1547	1547	47	20	993	87	24.14	23.98	.50	98	23.94	41	174	13	179		1	NEM
	23.98	.55																	
2:47:22.942		0000		21		947	93	20.12	19.99	2.32	93	22.19	0	0	0	0		1	NEM
	19.98	2.32																	
2:47:23.595		1271	1271	47	710	1238	109	22.89	21.64	-7.40	109	22.92	5	-3	120	6		1	NEM
	21.54	-7.37																	
2:47:24.277		0152	0162	47		1409	123	20.36	16.96	-11.23	123	20.33	-25	-113	192	115		1	NEM
	17.00	-10.95																	
SUBSYS = 1	TOTAL =	6	MODE C	TOTAL =	3														
2:47:25.729		1200	1200	47		2191	192	30.34	-7.12	-30.23	193	30.72	95	107	39	139		1	NEM
	-5.90	-29.96																	
2:47:27.072		0156	0166	47	74	2325	204	22.92	-3.89	-21.17	205	23.35	144	30	60	155		1	NEM
	-9.92	-21.14																	
2:47:34.958		1547	1547	47	20	977	95	24.21	23.96	1.09	97	24.00	30	175	9	179		1	NEM
	24.04	1.14																	
2:47:34.960		0000		15		945	93	20.13	19.98	2.35	93	20.19	0	0	0	0		1	NEM
	19.98	2.35																	
2:47:35.720		1271	1271	47	710	1239	109	22.86	21.51	-7.35	109	22.79	0	-4	121	4		1	NEM
	21.52	-7.39																	
2:47:35.505		0152	0162	47		1409	124	20.51	16.20	-11.35	123	20.49	-25	-114	192	116		1	NEM

11/13/59

15.90 -11.34

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HDG	SPD	ADS	C	SYS	CLS
2:48:22.926		0000		14		959	94	20.10	20.00	2.29	94	20.17	1	-22	175	22			1	NRM
2:48:22.929	20.00	2.09																	1	NRM
	23.50	2.94	1547	37	17	974	92	23.53	23.45	2.78	97	23.72	-55	113	333	126			1	NRM
2:48:23.557		1271	1271	47	710	1237	109	22.71	21.51	-7.35	109	22.79	-6	5	310	2			1	NRM
2:48:24.134	21.53	-7.31																	1	NRM
	15.95	-12.07	0162	27		1457	129	19.71	15.75	-11.30	127	19.95	-102	-10	259	101			1	NRM
SUBSYS = 1	TOTAL =	6	MODE C TOTAL =	3																
2:48:25.590		0166	0166	47	74	2265	199	20.72	-7.07	-19.99	199	21.15	162	74	55	179			1	NRM
	-7.31	-19.82																	1	NRM
2:48:25.594		1200	1200	47		2192	191	29.46	-5.34	-29.25	191	29.97	72	121	35	125			1	NRM
	-6.36	-29.20																	1	NRM
2:48:35.005		1547	1547	47	16	924	91	23.26	23.15	3.14	92	23.44	-69	107	325	129			1	NRM
	23.21	3.17																	1	NRM
2:48:35.756		1271	1271	47	710	1237	109	22.70	21.53	-7.32	109	22.97	-6	4	305	7			1	NRM
	21.51	-7.31																	1	NRM
2:48:36.527		0162	0162	37		1460	129	19.29	15.45	-11.97	127	19.60	-107	6	273	197			1	NRM
	15.49	-12.20																	1	NRM
SUBSYS = 1	TOTAL =	5	MODE C TOTAL =	3																
2:48:39.770		0166	0166	47	74	2255	199	24.20	-6.93	-19.40	199	20.65	153	30	50	179			1	NRM
	-6.82	-19.49																	1	NRM
2:48:39.773		1200		45		2179	191	29.09	-5.82	-27.35	191	29.46	72	101	35	125			1	NRM
	-5.92	-27.85																	1	NRM
2:48:39.775	0073	-1511	1200	12		2153	190	29.11	-5.20	-29.20			163	70	63	192			1	NRM
	-4.96	-27.67																	1	NRM
2:48:47.031		1547	1547	47	15	915	90	22.97	22.85	3.42	91	23.19	-90	90	320	129			1	NRM
	22.92	3.43																	1	NRM
2:48:47.240		1271	1271	47	710	1237	109	22.72	21.64	-7.40	109	22.92	-2	1	290	2			1	NRM
	21.51	-7.31																	1	NRM
2:48:43.511		0162	0162	47		1453	129	19.99	15.04	-11.79	129	19.21	-109	22	281	112			1	NRM
	15.10	-11.97																	1	NRM
SUBSYS = 1	TOTAL =	6	MODE C TOTAL =	3																
2:48:50.349		0166	0166	47	74	2245	197	19.74	-6.48	-19.17	198	20.28	145	94	57	175			1	NRM
	-6.37	-19.15																	1	NRM
2:48:50.351		1200	1200	27		2149	139	27.76	-4.94	-27.69	189	29.17	170	79	65	197			1	NRM
	-4.89	-27.59																	1	NRM
2:48:59.115		1547	1547	47	15	907	79	22.65	22.57	3.62	90	22.93	-90	90	314	125			1	NRM
	22.59	3.75																	1	NRM
2:48:59.999		1271	1271	47	710	1235	129	22.72	21.53	-7.29	109	22.79	-1	3	335	3			1	NRM
	21.51	-7.29																	1	NRM
2:49:00.600		0162	0162	47		1457	129	19.49	14.67	-11.57	129	12.84	-110	32	205	115			1	NRM
	14.73	-11.73																	1	NRM
SUBSYS = 1	TOTAL =	5	MODE C TOTAL =	3																
2:49:02.961		0166	0166	47	74	2236	196	19.25	-5.07	-19.79	197	19.77	137	123	52	172			1	NRM
	-5.93	-19.79																	1	NRM
2:49:02.954		1200	1200	37		2139	197	27.39	-4.40	-27.39	189	27.92	164	92	53	192			1	NRM
	-4.35	-27.40																	1	NRM
2:49:11.373		1547	1547	47	14	902	79	22.25	22.17	3.73	92	22.54	-124	59	303	125			1	NRM
	22.20	3.90																	1	NRM
2:49:11.373		1271	1271	47	710	1236	109	22.71	21.53	-7.32	109	22.90	-1	2	320	2			1	NRM
	21.51	-7.29																	1	NRM
2:49:12.721		0162	0162	47		1471	129	19.12	14.40	-11.59	129	19.59	-129	34	287	114			1	NRM

SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 3																
2:49:14.957	-5.29	-18.64	0166	0166	47	74	2211	194	13.99	-4.93	-18.71	194	13.32	159	72	66	194	1	NRM	
2:49:14.959	-3.37	-27.89	1220	1200	47		2129	197	27.00	-3.96	-27.27	199	27.45	155	99	60	179	1	NPM	
2:49:23.021	19.98	2.32	0000		22		945	83	20.11	19.98	2.32	83	20.19	-1	7	345	7	1	NRM	
2:49:23.024	21.95	4.14	1547		45		993	79	21.95	21.95	4.14	79	22.29	-104	59	303	125	1	PAB	
2:49:23.025	21.49	3.81	0041-1623		12	14	909	79	21.92	21.92	3.57			-109	-15	262	110	1	DF7	
2:49:23.901	21.56	-7.29	1271	1271	47	710	1235	108	22.79	21.65	-7.32	108	22.91	7	3	63	7	1	NEM	
2:49:24.534	14.23	-11.45	0162	0162	47		1474	129	17.75	14.07	-11.40	129	13.20	-105	42	291	114	1	NEM	
SUBSYS = 1		TOTAL = 7		MODE C TOTAL = 3																
2:49:25.734	-4.70	-19.39	0165	0166	47	74	2193	192	18.63	-4.59	-19.40	194	13.94	170	71	67	194	1	NRM	
2:49:25.797	-3.42	-23.75	1200	1200	47		2119	196	25.50	-3.50	-25.75	197	27.09	140	94	57	177	1	NPM	
2:49:34.594	21.45	3.57	1547	1547	27	11	913	90	21.39	21.46	3.42	92	21.80	-129	-36	251	115	1	PAB	
2:49:35.057	19.95	2.39	0000		21		945	83	20.11	19.96	2.39	83	20.18	-1	7	345	7	1	NPM	
2:49:35.352	21.57	-7.28	1271	1271	47	710	1235	103	22.79	21.53	-7.32	109	22.92	5	1	77	5	1	NEM	
2:49:35.556	13.79	-11.17	0162	0162	47		1468	129	17.37	14.01	-11.07	129	17.95	-90	65	306	111	1	NPM	
SUBSYS = 1		TOTAL = 6		MODE C TOTAL = 3																
2:49:39.921	-4.25	-19.07	0166	0166	47	73	2192	191	18.17	-4.51	-19.25	194	13.55	154	35	50	177	1	NPM	
2:49:39.923	-2.96	-25.40	1200	1200	47		2110	195	25.19	-3.12	-25.42	195	25.70	139	100	54	173	1	NEM	
2:49:46.763	20.01	7.46	0000		22		733	69	20.39	20.01	7.46	69	21.12	-96	-53	236	116	1	NRM	
2:49:46.765	21.12	3.31	1547	1547	37		927	91	21.30	21.12	3.18	91	21.43	-105	-51	240	123	1	NEM	
2:49:47.150	19.95	2.40	0000		15		945	83	20.10	19.96	2.40	83	20.19	-1	7	345	7	1	NRM	
2:49:47.949	21.59	-7.29	1271	1271	47	710	1235	109	22.90	21.53	-7.32	109	22.90	4	-0	101	1	1	NEM	
2:49:49.554	15.62	-10.82	0162	0162	47		1459	129	17.07	13.90	-12.91	127	17.71	-67	93	321	109	1	NPM	

TRAINING DATA

11/18/86

PAGE 26

TIME	ACID/SX	ABC/SY	RRC	FRM	RALT	PACP	PDEG	PRAN	RY	RY	DDEG	CRAN	YV	YV	MDG	SPD	ADS	C	SYS	CIS
2:49:59.233		0000	0000	22		947	83	20.19	19.98	2.32	93	20.19	14	0	90	14			1	MEM
	19.98	2.32																		
2:49:59.235		0000		14		914	82	20.10	19.95	2.13	83	20.17	-1	7	345	7			1	MEM
	19.95	2.43																		
SUPSYS = 1		TOTAL = 5		MODE C TOTAL = 1																

C D R E D I T O R L I S T I N G

JL1523 AFTER 350 TURN

DATA SELECTED

RB BT RT TD

F I L T E R S

TIME: 11/19/86 02:45:20-11/19/86 03:10:00 CONTROLLER:

ALTITUDE: - ACID:

BEACON CODE:

SUBSYSTEM: 01

RANGE: 35-190 AZIMUTH: 140-190

ETC: N INTERFACILITY:

ADPAC REINFORCED TARGET REPORTS							11/19/96	PAGE	
TIME	RANGE	ACP	DEC	Q	BEACON	ALT		QUA	1 SYS
SUBSYS = 1	2:45:05.114	127.62	1953	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:45:19.130	126.12	1953	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:45:30.215	124.62	1952	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:45:41.912	21.02	1903	150	7	4371-3	211-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:45:54.135	22.12	1923	159	7	4371-3	211-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:45:05.222	93.25	1304	159	7	4371-3	211-3	RB	1
SUBSYS = 1	TOTAL =	2	MODE C TOTAL =	2					
SUBSYS = 1	2:45:13.253	91.25	1325	159	7	4371-3	211-3	RB	1
SUBSYS = 1	TOTAL =	2	MODE C TOTAL =	2					
SUBSYS = 1	2:46:30.335	117.12	1859	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:46:42.352	93.50	1907	159	7	4371-3	211-3	RB	1
SUBSYS = 1	TOTAL =	115.62	1959	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	2	MODE C TOTAL =	2					
SUBSYS = 1	2:46:54.076	97.50	1909	159	7	4371-3	211-3	RB	1
SUBSYS = 1	TOTAL =	111.12	1955	163	7	2332-1	290-3	RB	1
SUBSYS = 1	TOTAL =	2	MODE C TOTAL =	2					
SUBSYS = 1	2:47:05.293	112.75	1961	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:47:18.397	92.75	1310	159	7	4371-3	211-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:47:42.502	105.12	1947	162	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:47:54.517	105.32	1955	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:48:05.731	105.12	1859	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:48:19.759	105.62	1959	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:48:30.477	102.12	1951	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:48:42.497	102.62	1951	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:48:54.531	92.12	1863	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:49:02.239	27.52	1932	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:49:13.313	96.12	1963	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:49:30.995	94.62	1955	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:49:42.619	93.12	1965	163	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:49:54.235	21.52	1935	164	7	2332-3	290-3	RB	1
SUBSYS = 1	TOTAL =	1	MODE C TOTAL =	1					
SUBSYS = 1	2:50:06.719	115.25	1921	160	7	4371-3	211-3	RB	1

RAIAR UNRECORDED TARGET REPORTS

TIME		RANGE	ACP	DEG	Q	11/19/96 BEACON	ALT	PAGE QUA	2 SYS
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:52:19.427		88.62	1858	164	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:50:19.053		73.87	1927	169	7	1550-3	310-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:50:31.217		87.12	1971	164	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:50:42.735		119.50	1921	160	7	4371-3	211-3	RB	1
		35.62	1974	164	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	3	MODE C	TOTAL =	3		RB	1
2:50:43.112		77.12	1925	169	7	1550-3	310-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:52:54.751		34.25	1977	154	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:50:55.137		79.97	1924	169	7	1552-3	309-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:51:30.535		123.02	1924	160	7	4371-3	211-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:51:31.163		79.97	1996	155	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:51:42.749		78.50	1991	166	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:51:51.934		77.02	1995	156	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:52:07.229		75.62	1997	166	7	2332-3	290-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:52:43.179		71.25	1909	157	7	2332-3	291-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:52:55.320		69.97	1909	167	7	2332-3	272-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:53:05.907		131.75	1930	150	7	4371-3	212-3	RB	1
SUBSYS	= 1	TOTAL =	3	MODE C	TOTAL =	3		RB	1
2:53:07.274		59.37	1907	167	7	2332-3	253-3	RB	1
		97.00	1925	169	7	1550-3	309-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:53:19.993		132.52	1932	151	7	4371-3	211-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:53:19.352		52.22	1904	167	7	2332-3	255-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:53:30.996		133.25	1952	162	7	0000-0		RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:53:31.371		35.62	1900	165	7	2332-3	245-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:53:42.706		133.37	1949	162	7	4371-3		RB	1
		54.12	1997	166	7	2332-3	237-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:54:19.106		59.75	1991	165	7	2332-3	212-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:54:31.055		132.37	1955	163	7	4371-3	212-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:54:43.145		132.02	1920	164	7	4371-3	215-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:55:07.437		54.25	1973	154	7	2332-3	192-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1
2:55:19.146		131.12	1933	165	7	4371-3	233-3	RB	1
SUBSYS	= 1	TOTAL =	2	MODE C	TOTAL =	2		RB	1
2:55:31.174		51.52	1962	163	7	2332-3	169-3	RB	1
SUBSYS	= 1	TOTAL =	1	MODE C	TOTAL =	1		RB	1

RADAR ALL REPORTED TARGET REPORTS								11/13/35		PAGE	2
TIME	TARGET	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS		
2:55:51.973		130.50	1994	165	7	4371-3	241-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:56:07.309		130.37	1999	166	7	4371-3	241-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:56:19.955		15.37	1947	162	7	2332-3	147-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:56:31.729		130.12	1902	167	7	4371-3	240-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:56:43.591		130.00	1912	168	7	4371-3	241-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:56:55.021		126.62	1934	169	7	1550-3	303-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 1								
2:56:55.272		130.37	1914	168	7	4371-3	242-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:57:07.722		129.25	1935	170	7	1550-3	299-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:57:19.593		132.37	1921	165	7	4371-3	242-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:57:31.654		129.87	1934	169	7	1550-3	296-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:57:43.744		131.52	1930	159	7	1550-3	292-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:57:55.765		132.87	1932	169	7	0000-0		RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:58:07.403		133.37	1925	169	7	0000-0		RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:58:07.545		136.00	1931	169	7	1550-3	232-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:58:19.173		35.00	1795	157	7	2332-3	111-3	RB	1		
SUBSYS = 1	TOTAL = 3	MODE C	TOTAL = 3								
2:58:31.763		137.25	1936	170	7	1550-3	278-3	RB	1		
SUBSYS = 1	TOTAL = 3	MODE C	TOTAL = 3								
2:58:43.914		135.25	1931	169	7	4371-3	243-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:58:55.995		135.25	1933	169	7	4371-3	242-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:59:07.514		137.25	1935	170	7	4371-3	242-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:59:19.220		142.87	1937	170	7	1550-3	272-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:59:31.315		139.25	1940	172	7	4371-3	241-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:59:43.337		142.37	1936	170	7	1550-3	269-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:59:55.351		143.57	1937	170	7	1550-3	265-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:59:55.351		145.37	1938	170	7	1550-3	262-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:59:55.351		146.87	1937	170	7	1550-3	259-3	RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:59:55.351		149.37	1933	169	7	1550-3		RB	1		
SUBSYS = 1	TOTAL = 1	MODE C	TOTAL = 1								
2:59:55.351		149.87	1938	170	7	1550-3	252-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:59:55.351		143.75	1937	170	7	4371-3	241-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 2								
2:59:55.351		151.37	1939	172	7	1550-3	250-3	RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 1								
2:59:55.351		144.87	1936	170	7	4371-3		RB	1		
SUBSYS = 1	TOTAL = 2	MODE C	TOTAL = 1								

RADAR PRINCIPAL TARGET REPORTS					11/19/86			PAGE	4
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
3:20:07.371	152.87	1939	170	7	1552-3	249-3	RB	1	
	146.00	1935	170	7	4371-3	234-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
3:20:13.393	147.12	1939	170	7	4371-3		RB	1	
	154.37	1939	170	2	1552-3	249-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
3:20:31.355	149.25	1940	170	7	4371-3	229-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
3:20:44.125	152.12	1937	170	7	1552-3	235-3	RB	1	
	149.37	1941	170	7	4371-3	226-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
3:20:55.143	152.50	1940	170	7	4371-1		RB	1	
	158.50	1939	170	7	1552-3	229-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
3:21:09.155	151.62	1937	170	7	4371-3	222-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
3:21:20.189	152.75	1939	170	7	4371-3	221-3	RB	1	
	161.37	1938	170	7	1552-3	219-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
3:21:32.211	152.75	1939	170	7	1552-3	213-3	RB	1	
	153.87	1939	170	7	4371-3	219-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
3:21:44.233	155.22	1940	170	7	4371-3		RB	1	
	154.12	1939	170	7	1552-3	208-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
3:21:55.253	155.62	1939	170	7	1552-3		RB	1	
SUBSYS = 1	TOTAL = 1								
3:22:20.170	159.50	1942	170	7	4371-3	205-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
3:22:32.193	159.62	1941	170	7	4371-1		RB	1	
SUBSYS = 1	TOTAL = 1								
3:22:44.267	160.87	1942	170	7	4371-3		RB	1	
SUBSYS = 1	TOTAL = 1								
3:22:53.354	162.00	1942	170	7	4371-3	198-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							

PERSON TARGET REPORTS						11/15/95	PAGE		1
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:15:22.114	37.75	1922	159	0	4371-3	211-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:15:19.130	99.87	1921	158	0	4371-3	211-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:15:32.215	92.20	1924	153	0	4371-3		BT	1	
SUBSYS = 1	TOTAL = 1								
2:15:42.482	123.12	1961	163	0	2332-3	290-3	BT	1	
	35.62	1933	169	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:15:54.510	37.37	1919	169	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:15:05.597	39.00	1913	169	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:15:18.253	119.62	1959	163	0	2332-3	290-3	BT	1	
	12.62	1914	169	0	1550-3	310-3	BT	1	
2:15:19.005	10.75	2033	179	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3							
2:15:30.333	95.37	1906	159	0	4371-3	211-3	BT	1	
2:15:30.213	42.37	1917	169	0	1550-3	310-3	BT	1	
	12.37	2037	179	0	1550-3		BT	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2							
2:15:42.736	11.00	1920	169	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:15:54.073	111.25	1932	163	0	2332-3	290-3	BT	1	
2:15:54.722	15.62	1929	162	0	1550-3	310-3	BT	1	
2:15:55.215	45.75	2055	190	0	1550-3		BT	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2							
2:17:05.293	99.75	1910	159	0	4371-3	211-3	BT	1	
	112.62	1956	163	0	2332-3		BT	1	
2:17:06.670	47.25	1930	169	0	1550-3	310-3	BT	1	
2:17:07.172	47.37	2070	191	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 3							
2:17:19.397	111.25	1959	163	0	2332-3	290-3	BT	1	
2:17:19.763	19.00	1930	169	0	1550-3	310-3	BT	1	
2:17:19.137	12.00	2077	192	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3							
2:17:30.405	120.97	1929	159	0	4371-3	211-3	BT	1	
	129.75	1859	163	0	2332-3	290-3	BT	1	
2:17:30.905	50.62	1923	159	0	1550-3	310-3	BT	1	
2:17:31.155	50.75	2097	194	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 4							
2:17:42.500	120.00	1910	159	0	4371-3	211-3	BT	1	
	129.25	1922	163	0	2332-3	290-3	BT	1	
2:17:42.975	52.25	1929	169	0	1550-3	310-3	BT	1	
2:17:43.250	52.37	2099	194	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 4							
2:17:54.317	123.00	1912	159	0	4371-3	211-3	BT	1	
2:17:54.392	54.00	1927	169	0	1550-3	310-3	BT	1	
2:17:55.394	54.00	2104	194	0	1550-3	310-3	BT	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3							
2:18:05.222	121.12	1912	159	0	4371-3	211-3	BT	1	
2:18:06.731	55.62	1927	169	0	1550-3	310-3	BT	1	
2:18:07.484	55.75	2116	185	0	1550-3	310-3	BT	1	

BEACON TRACK REPORTS					11/13/95		PAGE 2	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 3								
2:49:13.332	105.25	1914	159	0	4371-3	211-3		
2:49:19.259	57.25	1925	169	0	1550-3	310-3	BT	1
2:49:19.511	57.37	2115	195	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 3								
2:49:30.477	106.37	1914	159	0	4371-3	211-3		
2:49:30.853	59.00	1927	169	0	1550-3	310-3	BT	1
2:49:31.229	59.12	2115	185	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 3								
2:49:42.497	107.50	1914	159	0	4371-3	211-3		
2:49:42.873	62.62	1927	169	0	1550-3	310-3	BT	1
2:49:43.249	50.75	2111	185	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 3								
2:49:54.581	109.62	1914	159	0	4371-3	211-3		
2:49:54.955	52.25	1927	169	0	1550-3	310-3	BT	1
2:49:55.332	52.37	2122	195	0	1550-1		BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2								
2:49:06.289	109.75	1919	159	0	4371-3			
2:49:07.040	64.00	1927	169	0	1550-3	310-3	BT	1
	54.00	1990	175	0	1550-1		BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 1								
2:49:19.313	110.67	1817	159	0	4371-3	211-3		
2:49:19.935	65.62	1925	169	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:49:30.522	111.97	1517	159	0	4371-3	211-3		
2:49:30.896	67.25	1928	169	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:49:42.519	113.00	1915	159	0	4371-3	211-3		
2:49:42.993	55.87	1927	159	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:49:54.035	114.12	1919	159	0	4371-3	211-3		
2:49:55.012	72.50	1927	169	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:50:05.719	90.12	1887	164	0	2332-3	290-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:50:19.427	115.37	1521	159	0	4371-3	211-3		
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:50:30.641	117.37	1921	169	0	4371-3	211-3		
2:50:31.217	75.52	1922	169	0	1550-3	310-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:50:54.761	119.62	1922	152	0	4371-3	211-3		
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:51:05.791	120.75	1923	160	0	4371-3	211-3		
	32.75	1931	165	0	2332-3	290-3	BT	1
2:51:07.163	83.53	1925	169	0	1550-3	309-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 3								
2:51:13.523	121.87	1924	162	0	4371-3	211-3		
	31.37	1935	165	0	2332-3	292-3	BT	1
2:51:19.193	32.12	1930	169	0	1550-3	309-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 3								
2:51:31.153	33.75	1929	169	0	1550-3	309-3		
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:51:42.749	124.03	1927	160	0	4371-3	211-3		

BEACON TARGET REPORTS						11/19/86	PAGE 3	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:51:13.250	95.37	1930	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:51:54.834	125.12	1923	160	0	4371-3	211-3	BT	1
2:51:55.335	97.00	1928	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:52:05.354	125.37	1925	160	0	4371-3	211-3	BT	1
2:52:07.229	99.75	1925	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:52:19.340	127.37	1925	160	0	4371-3	211-3	BT	1
	74.12	1903	167	0	2332-3	289-3	BT	1
2:52:19.316	90.37	1925	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3						
2:52:30.557	129.50	1929	160	0	4371-3	211-3	BT	1
	72.75	1908	167	0	2332-3	286-3	BT	1
2:52:31.349	92.00	1927	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3						
2:52:42.515	129.62	1929	160	0	4371-3	211-3	BT	1
2:52:43.179	93.62	1927	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:52:54.920	130.75	1925	160	0	4371-3	211-3	BT	1
2:52:55.329	95.37	1928	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:53:19.352	99.62	1929	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:53:30.996	133.12	1933	161	0	4371-3	212-3	BT	1
2:53:31.371	100.25	1930	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:53:43.457	101.97	1930	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:53:54.729	133.12	1950	162	0	4371-1		BT	1
2:53:55.356	52.75	1933	166	0	2332-3	229-3	BT	1
	133.62	1930	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:54:05.947	132.97	1953	162	0	4371-3	213-3	BT	1
2:54:07.324	31.37	1993	166	0	2332-3	222-3	BT	1
	105.25	1932	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3						
2:54:19.105	132.52	1957	163	0	4371-3	212-3	BT	1
2:54:19.491	105.97	1931	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:54:31.441	58.37	1996	165	0	2332-3	205-3	BT	1
	109.50	1935	170	0	1550-3		BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:54:43.145	57.12	1990	165	0	2332-3	197-3	BT	1
2:54:43.519	110.12	1933	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:54:54.349	131.62	1957	164	0	4371-3		BT	1
	131.75	1984	165	0	4371-3		BT	1
	55.52	1974	161	0	2332-3	190-3	BT	1
2:54:55.601	111.75	1933	169	0	1550-3	309-3	BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						
2:55:07.437	131.37	1979	165	0	4371-3	228-3	BT	1
	113.50	1933	169	0	1550-3	309-3	BT	1

SITE	RANGE	ACP	DEG	D	BEACON	ALT	QUA	SYS
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:55:19.522	115.12	1933	169	0	1550-3	309-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:55:31.174	131.20	1937	165	0	4371-3	233-3	BT	1
2:55:31.550	116.25	1933	169	0	1550-3	309-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:55:43.261	52.25	1959	163	0	2332-3	165-3	BT	1
	130.75	1990	166	0	4371-3	240-3	BT	1
	119.37	1931	169	0	1550-3	309-3	BT	1
	119.50	1945	170	0	1550-3		BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3								
2:55:54.973	49.00	1957	163	0	2332-3	159-3	BT	1
2:55:55.664	120.12	1934	169	0	1550-3	309-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:56:07.303	47.62	1950	152	0	2332-3	153-3	BT	1
2:56:07.685	121.75	1936	170	0	1550-3	309-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:56:19.710	123.37	1933	169	0	1550-3	309-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:56:30.979	45.12	1942	161	0	2332-3	141-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:56:43.020	44.00	1935	161	0	2332-3	135-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:56:55.021	42.75	1936	161	0	2332-3	131-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:57:07.415	41.50	1929	160	0	2332-3	125-3	BT	1
2:57:07.792	130.12	1934	169	0	1550-3	296-3	BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2								
2:57:19.254	42.37	1913	159	0	2332-3	121-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:57:31.274	39.25	1914	159	0	2332-3	119-3	BT	1
2:57:31.650	133.00	1933	170	0	1550-3		BT	1
	132.50	1929	169	0	2000-3		BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 1								
2:57:43.369	49.12	1908	158	0	2332-3	116-3	BT	1
2:57:43.744	134.62	1934	169	0	1550-3		BT	1
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1								
2:57:55.399	37.12	1902	159	0	2332-3	114-3	BT	1
2:57:55.765	136.25	1927	170	0	1550-3	292-3	BT	1
	134.25	1929	159	0	4371-3	245-3	BT	1
	131.62	1932	169	0	2000-3		BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3								
2:58:07.945	135.25	1932	169	0	2000-3		BT	1
SUBSYS = 1 TOTAL = 1								
2:58:19.125	35.00	1795	155	0	2332-3	112-3	BT	1
	137.87	1934	169	0	0000-3		BT	1
2:58:19.922	132.37	1933	170	0	1550-3	275-3	BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2								
2:58:55.955	139.37	1942	170	0	4371-3		BT	1
SUBSYS = 1 TOTAL = 1								
2:59:07.514	142.37	1929	170	0	4371-3	230-3	BT	1
SUBSYS = 1 TOTAL = 1 MODE C TOTAL = 1								
2:59:19.222	141.62	1929	170	0	4371-3	239-3	BT	1

BEACON TARGET REPORTS		11/13/93						PAGE	5
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	OUA	SYS	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:59:32.069	142.52	1939	170	0	4371-3	239-3	BT	1	
	149.50	1949	171	0	1550-3		BT	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
3:00:31.355	155.75	1940	170	0	1552-3	243-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
3:01:09.165	162.00	1941	170	0	1552-3	223-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
3:01:55.063	156.12	1943	170	0	4371-3		BT	1	
SUBSYS = 1	TOTAL = 1								
3:02:03.085	152.37	1949	171	0	4371-3	209-3	BT	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							

DATA ON TARGET REPORTS						11/13/35	PAGE 1	
TIME	RANGE	ACP	DEC	Q	BEACON	ALT	OUA	SYS
2:45:05.114	97.52	1302	158	7			RT	1
2:45:05.499	144.00	1957	172	7			RT	1
2:45:05.966	143.75	2027	182	7			RT	1
	144.12	2060	181	7			RT	1
	147.25	2051	191	7			RT	1
	149.75	2156	199	7			RT	1
2:45:07.241	159.75	2169	190	7			RT	1
SUBSYS = 1	TOTAL = 7							
2:45:18.503	144.25	1379	173	7			RT	1
2:45:19.993	147.62	2052	191	7			RT	1
	144.12	2051	181	7			RT	1
	147.25	2069	191	7			RT	1
	149.75	2156	199	7			RT	1
2:45:19.259	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 6							
2:45:30.599	144.12	1975	173	7			RT	1
2:45:30.965	144.37	2054	191	7			RT	1
	147.75	2053	191	7			RT	1
	144.00	2095	184	7			RT	1
	149.75	2157	189	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:45:41.916	123.32	1964	163	7			RT	1
2:45:42.492	144.25	1978	173	7			RT	1
2:45:42.957	147.75	2052	181	7			RT	1
	144.37	2056	191	7			RT	1
	149.75	2156	189	7			RT	1
2:45:43.294	159.75	2159	190	7			PT	1
SUBSYS = 1	TOTAL = 6							
2:45:54.510	144.12	1978	173	7			RT	1
2:45:54.955	144.12	2017	172	7			RT	1
	147.75	2063	181	7			RT	1
	144.25	2029	182	7			RT	1
2:45:55.262	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:46:06.597	144.12	1975	173	7			RT	1
2:46:06.972	147.52	2053	191	7			RT	1
	144.12	2062	191	7			RT	1
	144.12	2098	184	7			RT	1
2:46:07.348	159.75	2158	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:46:19.253	119.75	1951	163	7			RT	1
2:46:19.755	144.00	1977	173	7			RT	1
	144.00	2018	177	7			RT	1
2:46:19.005	147.97	2053	191	7			RT	1
	144.12	2074	192	7			RT	1
	159.62	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 6							
2:46:30.713	144.25	1977	173	7			RT	1
	144.00	2017	177	7			RT	1
2:46:31.087	144.37	2062	181	7			RT	1
	147.75	2065	181	7			RT	1
	144.00	2091	183	7			RT	1

11/19/86

PAGE 2

STIME	RANGE	ACP	DFG	Q	BEACON	ALT	QVA	SYS
	159.75	2159	190	7			RT	1
SUBSYS = 1 TOTAL = 6								
2:42:42.735	144.25	1977	173	7			RT	1
2:45:43.111	144.12	2052	181	7			RT	1
	147.75	2055	181	7			RT	1
	144.00	2090	183	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
2:46:54.702	144.25	1977	173	7			RT	1
2:46:55.015	144.12	2051	181	7			RT	1
	147.62	2052	181	7			RT	1
	159.75	2169	190	7			RT	1
SUBSYS = 1 TOTAL = 4								
2:47:06.293	99.50	1812	159	7			RT	1
2:47:05.570	144.25	1979	173	7			RT	1
	144.12	2014	177	7			RT	1
	144.00	2062	181	7			RT	1
2:47:07.172	147.75	2061	181	7			RT	1
	144.00	2093	183	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 7								
2:47:14.387	111.00	1851	163	7			RT	1
2:47:15.763	144.12	1979	173	7			RT	1
2:47:19.137	144.00	2051	181	7			RT	1
	147.75	2061	181	7			RT	1
	144.12	2092	183	7			RT	1
	159.75	2137	190	7			RT	1
SUBSYS = 1 TOTAL = 6								
2:47:30.405	109.62	1857	163	7			RT	1
2:47:30.905	144.25	1980	174	7			RT	1
2:47:31.155	144.12	2051	181	7			RT	1
	147.62	2053	181	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
2:47:42.375	144.25	1977	173	7			RT	1
	144.37	2015	177	7			RT	1
	144.00	2059	180	7			RT	1
2:47:43.250	147.97	2051	181	7			RT	1
	144.12	2035	184	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1 TOTAL = 6								
2:47:54.392	144.25	1979	173	7			RT	1
	144.12	2015	177	7			RT	1
	144.12	2051	181	7			RT	1
	147.87	2052	181	7			RT	1
	144.12	2093	183	7			RT	1
2:47:55.394	159.75	2159	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
2:48:05.731	144.25	1977	173	7			RT	1
2:48:07.106	144.00	2019	177	7			RT	1
	144.25	2052	181	7			RT	1
	147.62	2053	181	7			RT	1
	144.00	2102	184	7			RT	1

WIDE AREA TRACK REPORTS						11/19/85	PAGE 3	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	CUA	SYG
2:43:27.191	159.75	2152	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:43:14.759	143.67	1972	173	7			RT	1
	144.12	1978	173	7			RT	1
2:43:19.135	117.75	2253	181	7			RT	1
	111.20	2376	182	7			RT	1
2:43:19.511	159.75	2159	192	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:43:32.253	50.62	1929	169	7			RT	1
	111.25	1931	174	7			RT	1
2:43:31.222	147.75	2054	191	7			RT	1
	141.37	2071	192	7			RT	1
2:43:31.324	159.75	2157	192	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:43:42.973	144.25	1973	173	7			RT	1
2:43:43.249	147.50	2055	191	7			RT	1
	111.20	2253	181	7			RT	1
2:43:43.521	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:43:54.955	144.12	1976	173	7			RT	1
2:43:55.332	117.52	2254	181	7			RT	1
	144.12	2076	182	7			RT	1
	159.52	2158	192	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:43:57.013	141.25	1977	173	7			RT	1
	141.32	2017	177	7			RT	1
	141.00	2062	191	7			RT	1
	147.75	2064	191	7			RT	1
2:43:57.541	159.62	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:43:18.932	143.87	1969	173	7			RT	1
	111.25	1979	173	7			RT	1
2:43:17.253	141.00	2051	191	7			RT	1
	141.12	2093	193	7			RT	1
2:43:19.529	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:43:32.995	144.25	1973	173	7			RT	1
2:43:31.272	141.12	2216	177	7			RT	1
	147.62	2253	191	7			RT	1
	144.12	2073	192	7			RT	1
2:43:31.351	159.75	2159	192	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:43:42.993	144.25	1977	173	7			RT	1
2:43:43.369	144.00	2251	191	7			RT	1
	117.52	2334	181	7			RT	1
2:43:43.745	159.62	2159	192	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:43:55.012	141.12	1977	173	7			RT	1
	111.00	2315	177	7			RT	1
2:43:55.329	147.75	2063	191	7			RT	1
	141.00	2075	192	7			RT	1
2:43:55.765	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 5							

RADAR ONLY TARGET REPORTS

11/18/86

PAGE 4

TIME	RANGE	ACP	DEZ	Q	BEACON	ALT	QUA	SYS
2:50:23.712	93.25	1958	164	?			RT	1
2:50:27.697	113.75	1955	172	?			RT	1
	111.25	1931	174	?			RT	1
2:50:37.172	117.62	2051	191	?			RT	1
	141.00	2054	191	?			RT	1
	159.75	2157	190	?			RT	1
SUBSYS = 1	TOTAL = 5							
2:50:19.253	113.97	1959	173	?			RT	1
	114.25	1930	174	?			RT	1
	114.37	2017	177	?			RT	1
2:50:12.122	111.00	2032	191	?			RT	1
	117.75	2055	191	?			RT	1
2:50:12.743	159.62	2168	190	?			RT	1
SUBSYS = 1	TOTAL = 6							
2:50:31.017	111.97	1935	172	?			RT	1
	111.25	1979	173	?			RT	1
	114.12	2013	177	?			RT	1
	117.87	2056	190	?			RT	1
2:50:31.517	111.00	2032	191	?			RT	1
	114.12	2032	193	?			RT	1
2:50:31.831	159.75	2157	190	?			RT	1
SUBSYS = 1	TOTAL = 7							
2:50:13.112	111.25	1977	173	?			RT	1
2:50:13.199	114.12	2051	191	?			RT	1
	117.62	2055	191	?			RT	1
	114.37	2095	194	?			RT	1
	159.62	2139	190	?			RT	1
SUBSYS = 1	TOTAL = 5							
2:50:55.137	114.25	1977	173	?			RT	1
	114.00	2016	177	?			RT	1
2:50:55.512	114.37	2019	190	?			RT	1
	117.75	2072	192	?			RT	1
	114.37	2091	193	?			RT	1
	159.75	2155	190	?			RT	1
SUBSYS = 1	TOTAL = 5							
2:51:05.731	92.52	1992	166	?			RT	1
2:51:07.165	114.25	1978	173	?			RT	1
	111.37	2017	177	?			RT	1
2:51:07.540	111.00	2030	191	?			RT	1
	119.75	2157	199	?			RT	1
	159.75	2159	190	?			RT	1
SUBSYS = 1	TOTAL = 6							
2:51:19.923	91.12	1999	155	?			RT	1
2:51:19.193	113.75	1957	172	?			RT	1
	114.25	1979	173	?			RT	1
2:51:19.574	114.00	2073	192	?			RT	1
	159.75	2157	190	?			RT	1
SUBSYS = 1	TOTAL = 5							
2:51:31.153	113.97	1963	172	?			RT	1
	114.25	1976	173	?			RT	1
2:51:31.502	111.00	2032	191	?			RT	1
2:51:31.953	119.75	2155	199	?			RT	1
	159.62	2157	190	?			RT	1

TIME	RANGE	ACP	DEG	Q	11/12/85 BEACON	ALT	CHG	SYN
SUBSYS = 1 TOTAL = 5								
2:51:42.253	143.97	1937	172	7			RT	1
	144.25	1939	174	7			ST	1
2:51:43.500	111.00	2050	191	7			RT	1
	112.75	2127	195	7			RT	1
2:51:43.975	159.62	2153	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
2:51:55.335	114.25	1977	173	7			RT	1
	113.97	1937	172	7			RT	1
	111.12	2217	177	7			RT	1
2:51:55.593	144.00	2251	181	7			RT	1
	147.62	2099	194	7			RT	1
	112.75	2155	199	7			RT	1
2:51:55.952	159.75	2153	192	7			RT	1
SUBSYS = 1 TOTAL = 7								
2:52:27.229	143.62	1970	173	7			RT	1
	144.37	1990	174	7			RT	1
	141.00	2015	177	7			RT	1
2:52:07.606	144.12	2055	190	7			RT	1
	147.75	2096	183	7			RT	1
	153.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 6								
2:52:19.316	143.50	1954	172	7			RT	1
	144.25	1979	173	7			RT	1
	111.12	2013	177	7			RT	1
	144.12	2059	190	7			RT	1
2:52:19.595	144.37	2102	184	7			RT	1
	149.75	2157	199	7			RT	1
	159.75	2150	190	7			RT	1
SUBSYS = 1 TOTAL = 7								
2:52:31.313	143.97	1955	172	7			RT	1
	144.12	1975	173	7			RT	1
	141.30	2111	177	7			RT	1
2:52:31.552	141.00	2000	191	7			RT	1
	143.50	2073	192	7			RT	1
	147.50	2096	193	7			RT	1
	159.25	2153	190	7			RT	1
SUBSYS = 1 TOTAL = 7								
2:52:43.179	143.87	1933	172	7			RT	1
	144.25	1973	173	7			RT	1
2:52:43.551	144.12	2259	190	7			RT	1
	147.50	2096	194	7			RT	1
	149.75	2157	199	7			RT	1
2:52:43.993	159.62	2167	190	7			PT	1
SUBSYS = 1 TOTAL = 5								
2:52:55.320	144.25	1975	173	7			RT	1
	143.97	1969	173	7			RT	1
	144.12	2017	177	7			RT	1
2:52:55.532	144.12	2031	191	7			RT	1
	147.75	2103	195	7			RT	1
2:52:55.946	149.75	2152	199	7			RT	1
	159.62	2159	190	7			RT	1
SUBSYS = 1 TOTAL = 7								

SIGNE	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYG
2:53:27.274	143.87	1956	172	7			RT	1
	144.00	2050	181	7			RT	1
2:53:28.225	159.52	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 3								
2:53:19.359	143.87	1955	172	7			RT	1
	144.25	1979	173	7			RT	1
	144.20	2051	181	7			RT	1
2:53:19.797	147.52	2094	184	7			RT	1
	159.75	2158	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
2:53:31.371	143.75	1955	172	7			RT	1
	144.00	1979	173	7			RT	1
	144.25	2050	181	7			RT	1
2:53:31.910	147.97	2091	183	7			RT	1
	159.62	2158	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
2:53:43.457	143.97	1955	172	7			RT	1
	144.25	1980	174	7			RT	1
	144.20	2019	177	7			RT	1
	144.00	2059	180	7			RT	1
	147.97	2093	183	7			RT	1
2:53:43.959	149.75	2157	189	7			RT	1
	159.62	2158	190	7			RT	1
SUBSYS = 1 TOTAL = 7								
2:53:54.722	52.62	1395	166	7			RT	1
2:53:55.356	143.87	1956	172	7			RT	1
	144.12	1975	173	7			RT	1
2:53:55.659	144.20	2050	181	7			RT	1
	144.37	2094	184	7			RT	1
2:53:56.044	149.75	2158	189	7			RT	1
	159.62	2158	190	7			RT	1
SUBSYS = 1 TOTAL = 7								
2:54:07.324	51.12	1302	167	7			RT	1
	143.87	1955	172	7			RT	1
	144.25	1979	173	7			RT	1
2:54:07.707	144.12	2050	181	7			RT	1
	147.50	2100	185	7			RT	1
2:54:09.075	149.75	2157	189	7			RT	1
	159.52	2150	190	7			RT	1
SUBSYS = 1 TOTAL = 7								
2:54:19.735	144.00	2050	181	7			RT	1
	149.75	2157	189	7			RT	1
2:54:20.173	159.75	2158	190	7			RT	1
SUBSYS = 1 TOTAL = 3								
2:54:31.441	143.87	1970	173	7			RT	1
	144.00	1972	173	7			RT	1
	144.12	2015	177	7			RT	1
2:54:31.916	144.00	2051	181	7			RT	1
	149.75	2157	189	7			RT	1
2:54:32.193	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
2:54:43.519	143.87	1955	172	7			RT	1
	144.25	1979	173	7			RT	1

WILCOX C-130 REPORTS						11/12/95	PAGE 2	
TIME	RANGE	AGE	DEG	Q	BEACON	ALT	QRA	SYN
2:54:43.995	141.12	2754	191	7			RT	1
	149.75	2157	199	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:54:54.319	55.97	1977	154	7			RT	1
2:54:55.601	143.97	1955	172	7			RT	1
	144.25	1990	174	7			RT	1
2:54:55.951	144.00	2051	191	7			RT	1
	144.37	2039	194	7			RT	1
	135.25	2141	199	7			RT	1
	149.75	2157	199	7			RT	1
2:54:56.226	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 9							
2:55:07.437	143.75	1955	172	7			RT	1
	144.25	1975	173	7			RT	1
2:55:07.939	144.25	2051	191	7			RT	1
	147.50	2125	185	7			RT	1
2:55:08.193	159.75	2157	192	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:55:19.522	143.97	1966	172	7			RT	1
	144.25	1979	173	7			RT	1
2:55:19.996	141.12	2053	191	7			RT	1
	149.75	2159	199	7			RT	1
2:55:20.272	159.62	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:55:31.174	130.87	1930	166	7			RT	1
2:55:31.553	143.75	1955	172	7			RT	1
	144.12	1993	174	7			RT	1
2:55:31.925	144.25	2059	193	7			RT	1
	147.50	2053	191	7			RT	1
	149.75	2159	199	7			RT	1
2:55:32.303	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 7							
2:55:43.251	50.12	1955	163	7			RT	1
	130.62	1993	166	7			RT	1
	143.75	1969	173	7			RT	1
2:55:43.752	144.00	2059	190	7			RT	1
2:55:44.014	149.75	2159	199	7			RT	1
	159.62	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 6							
2:55:54.973	49.87	1257	153	7			RT	1
2:55:55.554	143.87	1957	172	7			RT	1
	144.25	1979	173	7			RT	1
	144.00	2016	177	7			RT	1
	144.12	2055	190	7			RT	1
2:55:55.039	144.25	2035	194	7			RT	1
	159.75	2159	190	7			RT	1
	149.75	2158	199	7			RT	1
SUBSYS = 1	TOTAL = 9							
2:55:07.303	47.97	1962	163	7			RT	1
2:56:07.595	143.87	1959	173	7			RT	1
	144.25	1991	174	7			RT	1
	144.00	2059	190	7			RT	1

RADAR ONLY TARGET REPORTS						11/18/86		PAGE 8
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:56:09.184	149.75	2158	189	7			RT	1
	159.62	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 6							
2:56:19.710	143.97	1954	172	7			RT	1
	144.00	1972	173	7			RT	1
2:56:20.084	144.00	2072	182	7			RT	1
	152.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:56:31.720	143.87	1956	172	7			RT	1
	144.00	1976	173	7			RT	1
	144.12	2019	177	7			RT	1
	144.12	2050	181	7			RT	1
2:56:32.103	149.75	2159	189	7			RT	1
	159.75	2169	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:56:43.691	143.37	1957	172	7			RT	1
	144.37	1977	173	7			RT	1
	144.00	2020	177	7			RT	1
	144.37	2052	181	7			RT	1
	147.75	2050	181	7			RT	1
2:56:44.128	149.75	2159	189	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 7							
2:56:55.772	144.25	1959	173	7			RT	1
	143.87	1955	172	7			RT	1
2:56:56.147	144.25	2072	182	7			RT	1
	143.75	2159	189	7			RT	1
	159.75	2153	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:57:07.792	143.87	1956	172	7			RT	1
	144.12	1973	173	7			RT	1
	144.00	2054	181	7			RT	1
2:57:09.293	159.75	2159	190	7			RT	1
	149.75	2153	189	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:57:19.593	143.97	1955	172	7			RT	1
	144.25	1976	173	7			RT	1
2:57:20.006	144.12	2016	177	7			RT	1
	144.00	2050	181	7			RT	1
	149.75	2159	189	7			RT	1
	159.75	2153	190	7			RT	1
SUBSYS = 1	TOTAL = 6							
2:57:31.550	143.75	1957	172	7			RT	1
	144.00	1970	174	7			RT	1
2:57:32.404	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 3							
2:57:43.744	143.75	1939	170	7			RT	1
	144.00	2050	181	7			RT	1
2:57:44.494	159.75	2169	190	7			RT	1
SUBSYS = 1	TOTAL = 3							
2:57:55.755	143.97	1955	172	7			RT	1
2:57:56.140	144.00	2051	181	7			RT	1
	149.75	2159	189	7			RT	1

TIME	RANGE	ACP	DEG	Q	PEACON	ALT	CUA	SYS
2:57:53.515	159.75	2159	190	7			RT	1
SJBSYS = 1	TOTAL = 4							
2:58:07.845	143.87	1956	172	7			RT	1
	144.00	2015	177	7			RT	1
2:58:29.219	144.25	2073	182	7			RT	1
	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:58:19.176	139.00	1936	170	7			RT	1
	143.87	1956	172	7			RT	1
2:58:19.992	144.25	1976	173	7			RT	1
	144.00	2051	181	7			RT	1
	144.62	2094	193	7			RT	1
2:58:20.355	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
2:58:31.763	143.87	1956	172	7			RT	1
2:58:32.140	144.00	2017	177	7			RT	1
	144.20	2050	181	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:58:43.914	143.87	1969	172	7			RT	1
	144.00	2015	177	7			RT	1
2:58:44.163	144.25	2059	180	7			RT	1
2:58:44.538	159.75	2169	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:58:55.493	143.82	1939	170	7			RT	1
2:58:55.995	144.25	1953	172	7			RT	1
2:58:56.246	144.00	2052	181	7			RT	1
2:58:56.622	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:59:07.514	143.75	1956	172	7			RT	1
2:59:08.327	144.00	2053	181	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 3							
2:59:19.220	143.87	1956	172	7			RT	1
2:59:20.098	144.25	1977	173	7			RT	1
2:59:20.411	147.75	2107	185	7			RT	1
	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:59:32.269	143.87	1957	172	7			RT	1
	144.00	2013	177	7			RT	1
	144.00	2053	180	7			RT	1
2:59:32.443	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
2:59:44.213	144.00	2059	180	7			RT	1
2:59:44.599	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 2							
2:59:56.101	143.50	1969	172	7			RT	1
	144.12	2017	177	7			RT	1
2:59:56.478	159.75	2155	190	7			RT	1
SUBSYS = 1	TOTAL = 3							
3:00:08.126	144.00	1962	172	7			RT	1
	143.75	1969	173	7			RT	1
	144.12	2059	190	7			RT	1

RADAR GOLF TROOST REPORTS						11/18/88	PAGE 17	
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
3:00:08.502	144.37	2025	184	7			RT	1
	159.62	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
3:00:20.149	143.97	1958	172	7			RT	1
	144.12	2218	177	7			RT	1
3:00:20.461	144.00	2072	182	7			RT	1
	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:00:31.355	155.62	1930	170	7			RT	1
3:00:32.167	144.00	1973	173	7			RT	1
	144.12	2016	177	7			RT	1
	147.97	2052	180	7			RT	1
	144.00	2059	180	7			RT	1
3:00:32.490	144.25	2096	184	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 7							
3:00:44.125	144.12	2019	177	7			RT	1
	144.00	2059	190	7			RT	1
3:00:44.592	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 3							
3:00:56.143	144.00	1954	172	7			RT	1
	144.37	2067	191	7			RT	1
3:00:56.522	144.00	2029	184	7			RT	1
	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:01:09.165	144.00	1964	172	7			RT	1
	147.62	2061	191	7			RT	1
	144.12	2056	190	7			RT	1
3:01:09.540	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:01:20.199	144.12	1955	172	7			RT	1
	143.97	1969	172	7			RT	1
	144.00	2017	177	7			RT	1
	147.62	2064	191	7			RT	1
	144.00	2052	180	7			RT	1
3:01:20.564	159.00	2152	199	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 7							
3:01:32.211	143.75	1973	173	7			RT	1
	144.12	2025	177	7			RT	1
	144.37	2060	181	7			RT	1
3:01:32.586	150.00	2159	199	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
3:01:44.233	143.75	1971	173	7			RT	1
3:01:44.608	144.37	2097	184	7			RT	1
	152.00	2152	199	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:01:56.437	144.12	2016	177	7			RT	1
	147.75	2050	181	7			RT	1
	144.37	2052	180	7			RT	1
	144.37	2096	184	7			RT	1

TIME	RANGE	ACP	DEC	Q	BEACON	ALT	QUL	SYS
3:01:55.812	150.00	2150	199	7			RT	1
	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 6							
3:02:09.095	143.75	1969	173	7			RT	1
3:02:09.537	142.75	2053	181	7			RT	1
3:02:09.939	150.00	2159	199	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:02:20.170	143.87	1972	173	7			RT	1
	144.12	2019	177	7			RT	1
3:02:20.547	142.75	2259	180	7			RT	1
	144.12	2062	181	7			RT	1
	144.25	2097	184	7			RT	1
	150.00	2159	199	7			RT	1
3:02:20.922	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 7							
3:02:32.193	144.25	2023	177	7			RT	1
3:02:32.569	144.00	2052	181	7			RT	1
	142.62	2053	181	7			RT	1
	150.00	2159	189	7			RT	1
3:02:32.944	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 5							
3:02:44.267	144.25	2024	177	7			RT	1
3:02:44.644	144.12	2095	184	7			RT	1
	150.00	2159	189	7			RT	1
	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:02:56.354	147.97	2059	190	7			RT	1
3:02:56.729	144.32	2097	184	7			RT	1
	150.00	2159	189	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:03:09.554	144.00	2058	180	7			RT	1
	147.62	2052	181	7			RT	1
3:03:09.939	150.00	2159	189	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:03:20.577	144.37	2019	177	7			RT	1
	147.62	2053	181	7			RT	1
	144.12	2060	181	7			RT	1
3:03:20.952	159.75	2159	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:03:32.290	141.37	2033	179	7			RT	1
3:03:32.665	144.12	2057	180	7			RT	1
	147.75	2052	181	7			RT	1
3:03:33.041	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 4							
3:03:44.317	143.97	1975	173	7			RT	1
3:03:44.594	142.87	2052	181	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1	TOTAL = 3							
3:03:55.406	143.50	1977	173	7			RT	1
	144.12	2019	177	7			RT	1

RAIAR ONLY TARGET REPORTS

11/18/86

PAGE 12

TIME	RANGE	ACP	DEG	Q	REASON	ALT	QUA	SYS
3:23:55.782	147.87	2059	190	7			RT	1
SUBSYS = 1 TOTAL = 4	159.75	2167	190	7			RT	1
3:24:05.429	147.87	2050	191	7			RT	1
3:04:08.504	144.00	2054	180	7			RT	1
SUBSYS = 1 TOTAL = 3	159.75	2157	190	7			RT	1
3:04:20.445	143.87	1975	173	7			RT	1
	144.25	2026	178	7			RT	1
	147.87	2059	180	7			RT	1
	144.25	2039	183	7			RT	1
3:24:20.945	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
3:04:32.471	147.87	2060	181	7			RT	1
3:24:32.951	152.75	2155	190	7			RT	1
SUBSYS = 1 TOTAL = 2								
3:04:44.503	147.87	2053	181	7			RT	1
3:04:44.978	144.25	2295	184	7			RT	1
SUBSYS = 1 TOTAL = 3	159.75	2155	190	7			RT	1
3:04:56.528	143.75	1975	173	7			RT	1
	147.75	2062	191	7			RT	1
3:04:56.903	152.25	2152	192	7			RT	1
	153.75	2157	192	7			RT	1
SUBSYS = 1 TOTAL = 4								
3:05:09.543	147.50	2050	181	7			RT	1
3:05:09.919	159.75	2155	190	7			RT	1
SUBSYS = 1 TOTAL = 2								
3:05:20.439	143.87	1973	173	7			RT	1
3:05:20.752	147.75	2063	191	7			RT	1
SUBSYS = 1 TOTAL = 3	159.75	2159	190	7			RT	1
3:05:32.770	147.75	2064	181	7			RT	1
3:05:33.145	150.12	2159	189	7			RT	1
	159.75	2159	190	7			RT	1
SUBSYS = 1 TOTAL = 3								
3:05:44.482	143.87	1977	173	7			RT	1
3:05:44.959	147.87	2051	191	7			RT	1
	152.12	2159	189	7			RT	1
3:05:45.234	159.75	2157	192	7			RT	1
SUBSYS = 1 TOTAL = 4								
3:05:56.990	144.00	2059	190	7			RT	1
	147.75	2051	181	7			RT	1
3:05:57.267	159.75	2156	192	7			RT	1
SUBSYS = 1 TOTAL = 3								
3:06:08.599	143.87	1977	173	7			RT	1
	144.25	2045	179	7			RT	1
3:06:09.978	147.75	2062	191	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 4								
3:06:20.595	143.75	1975	173	7			RT	1
	144.50	2029	179	7			RT	1
	147.87	2060	181	7			RT	1

TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
	141.32	2095	194	7			RT	1
3:06:21.125	157.12	2159	199	7			RT	1
	159.75	2157	194	7			RT	1
SUBSYS = 1 TOTAL = 6								
3:06:32.994	147.87	2059	190	7			RT	1
	150.12	2159	199	7			RT	1
3:06:33.333	159.75	2159	190	7			RT	1
SUBSYS = 1 TOTAL = 3								
3:06:44.547	143.87	1975	173	7			RT	1
3:06:44.921	144.12	2065	191	7			RT	1
	147.75	2062	181	7			RT	1
3:06:45.296	150.12	2159	189	7			RT	1
	159.75	2156	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
3:06:56.626	143.75	1974	173	7			RT	1
	144.37	2026	178	7			RT	1
3:06:57.002	147.87	2051	191	7			RT	1
	144.00	2077	192	7			RT	1
	150.12	2159	189	7			RT	1
	159.75	2156	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
3:07:09.024	147.87	2051	191	7			RT	1
	144.00	2057	181	7			RT	1
	150.00	2159	189	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 4								
3:07:20.734	143.87	1974	173	7			RT	1
	144.25	2059	190	7			RT	1
3:07:21.111	147.75	2055	180	7			RT	1
	144.25	2097	194	7			RT	1
	150.12	2159	189	7			RT	1
	159.75	2167	190	7			RT	1
SUBSYS = 1 TOTAL = 5								
3:07:32.766	147.87	2051	191	7			RT	1
	144.37	2056	181	7			RT	1
3:07:33.205	150.75	2165	190	7			RT	1
	150.12	2159	193	7			RT	1
SUBSYS = 1 TOTAL = 4								
3:07:44.926	144.12	2059	181	7			RT	1
	147.87	2060	191	7			RT	1
3:07:45.350	159.75	2159	190	7			RT	1
	150.12	2159	199	7			RT	1
SUBSYS = 1 TOTAL = 4								
3:07:57.004	147.75	2054	181	7			RT	1
3:07:57.304	150.12	2159	189	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 3								
3:09:09.086	147.75	2059	190	7			RT	1
	144.00	2091	192	7			RT	1
	150.00	2153	199	7			RT	1
	159.75	2157	190	7			RT	1
SUBSYS = 1 TOTAL = 4								
3:09:21.110	147.75	2053	191	7			RT	1

11/19/86

PAGE 14

TIME	RANGE	ACP	D-E	Q	BEACON	ALT	QUA	SYS
	144.12	2075	182	7			PT	1
3:09:21.494	159.75	2167	190	7			PT	1
	152.12	2159	189	7			PT	1
SUBSYS = 1 TOTAL = 4								
3:09:33.201	147.75	2057	180	7			PT	1
	150.12	2159	189	7			PT	1
	152.75	2167	190	7			PT	1
SUBSYS = 1 TOTAL = 3								
3:09:45.233	147.87	2056	180	7			PT	1
	144.00	2078	182	7			PT	1
	147.97	2104	184	7			RT	1
	150.12	2159	189	7			RT	1
	159.75	2166	190	7			PT	1
SUBSYS = 1 TOTAL = 5								
3:09:55.951	147.75	2051	191	7			RT	1
3:09:57.327	144.00	2076	182	7			PT	1
	150.12	2158	189	7			RT	1
	159.75	2167	190	7			PT	1
SUBSYS = 1 TOTAL = 4								
3:09:09.978	147.97	2054	191	7			PT	1
3:09:09.353	150.12	2159	199	7			PT	1
	159.75	2166	190	7			PT	1
SUBSYS = 1 TOTAL = 3								
3:09:21.004	143.75	1975	173	7			RT	1
	144.12	2056	190	7			RT	1
	147.75	2053	191	7			PT	1
3:09:21.392	150.12	2159	199	7			RT	1
	159.75	2159	192	7			PT	1
SUBSYS = 1 TOTAL = 5								
3:09:33.401	144.00	2075	192	7			RT	1
	150.12	2159	199	7			RT	1
	159.75	2159	190	7			PT	1
SUBSYS = 1 TOTAL = 3								
3:09:45.044	143.75	1975	173	7			PT	1
	144.75	2059	190	7			PT	1
3:09:45.420	144.00	2078	182	7			PT	1
	147.75	2055	191	7			PT	1
	150.12	2159	189	7			PT	1
	159.75	2167	190	7			PT	1
SUBSYS = 1 TOTAL = 6								
3:09:57.257	147.87	2062	181	7			PT	1
3:09:57.633	150.12	2159	189	7			PT	1
	159.75	2159	190	7			PT	1
SUBSYS = 1 TOTAL = 3								

TIME	ACID/SX	ABC/SY	RRC	FRM	BALT	PACP	PDE3	PRAN	RZ	RY	DDE3	FRAN	LV	YV	UDC	SDP	ARS	C	SYS	CIS	
2:45:01.324	TOTEM71-0144	4371	4371	47	211	1799	159	87.55	32.15	-87.42	159	86.83	54	-324	172	329	UAP	N	1	NFM	
	32.35	-80.29																			
2:45:21.375	UA69	-2277	2332	47		1953	154	127.52	35.39	-124.15	154	129.12	-135	432	342	454	DEP	N	1	NFM	
	35.54	-124.01																			
2:45:01.959		0000		30		2259	190	144.67	-2.40	-144.56	190	144.30	53	-25	115	59			PO	1	FAP
	-2.40	-144.56																			
2:45:01.359	0257-1513	0202		12		2259	190	144.23	-2.54	-143.99			37	10	53	41			PO	1	FEV
	-2.40	-144.20																			
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 1																					
2:45:13.263	TOTEM71-0144	4371	4371	47	211	1901	159	93.75	32.57	-81.46	159	97.97	56	-325	170	331	UAP	N	1	NFM	
	32.54	-81.39																			
2:45:13.257	UA59	-2277	2332	2332	47	290	1954	153	126.02	35.71	-122.50	153	127.55	-95	442	347	452	DEP	N	1	NFM
	35.45	-122.50																			
2:45:13.543		0000		24		1969	172	144.03	17.94	-142.97	172	144.52	258	40	91	262			PO	1	NFM
	17.94	-142.87																			
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2																					
2:45:25.371	TOTEM71-0144	4371	4371	47	211	1902	159	99.88	32.85	-92.55	159	99.23	55	-327	169	334	UAP	N	1	NFM	
	32.79	-92.50																			
2:45:25.373	UA59	-2277	2332	2332	47	290	1952	153	124.54	35.20	-121.35	153	126.16	-93	443	340	451	DEP	N	1	NFM
	35.21	-121.03																			
2:45:25.753		0000		23		1964	172	144.00	17.53	-142.95	173	144.56	258	42	91	262			PO	1	FAP
	17.53	-142.95																			
2:45:25.755	0233-1504	0202		12		1975	173	144.19	15.23	-143.12			-73	-26	250	79			PO	1	FEV
	15.14	-143.23																			
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																					
2:45:37.424	TOTEM71-0144	4371	4371	47		1905	159	91.00	32.89	-93.76	159	93.24	54	-333	170	339	UAP	N	1	NFM	
	32.95	-93.54																			
2:45:37.425	UA59	-2277	2332	2332	47	290	1951	153	123.27	35.25	-119.56	153	124.65	-73	443	353	454	DEP	N	1	NFM
	35.20	-119.54																			
2:45:37.904	JL1629	-0101	1550	1550	27	310	1914	169	35.66	7.03	-33.25	169	33.90	89	-520	163	510	UAP	N	1	NFM
	5.95	-33.23																			
2:45:37.905		0000		27		1975	173	144.13	15.29	-143.20	173	144.63	-75	-22	252	79			PO	1	NFM
	15.10	-143.23																			
2:45:38.179		0000		24		2266	191	143.60	-3.53	-144.32	191	144.21	-39	479	355	492			PO	1	NFM
	-3.53	-144.32																			
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 2																					
2:45:49.290	TOTEM71-0144	4371	4371	47	211	1905	159	92.12	33.39	-94.54	159	91.23	75	-328	167	336	UAP	N	1	NFM	
	33.26	-94.71																			
2:45:49.291	UA59	-2277	2332	2332	47	290	1953	153	121.50	34.82	-119.47	153	123.10	-67	443	351	452	DEP	N	1	NFM
	34.79	-119.05																			
2:45:49.554	JL1628	-0101	1550		26		1915	169	37.35	7.25	-34.32	159	35.57	89	-520	163	510	UAP	N	1	FAP
	7.25	-34.02																			
2:45:49.555	0101-1505	1550		12	310	1933	159	37.39	5.25	-35.35			-51	-522	195	527			1	FEV	
	6.54	-35.71																			
2:45:49.556		0000		37		1973	173	144.25	15.45	-143.40	173	144.75	-109	-23	254	112			PO	1	NFM
	15.65	-143.35																			
2:45:50.231		0000		23		2057	191	142.01	-4.15	-143.54	191	143.51	-39	479	355	492			PO	1	FAP
	-4.15	-143.54																			
2:45:50.232	0113-1514	0000		12		2355	191	142.77	-3.98	-144.31			-12	352	359	357			PO	1	FEV
	-4.10	-142.70																			
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 3																					
2:46:01.314	TOTEM71-0144	4371	4371	47	211	1904	159	93.25	33.91	-95.59	159	92.36	99	-321	162	336	UAP	N	1	NFM	
	33.67	-95.75																			

TIME	ACID/SX	ARG/SY	RRC	FRM	RAIT	PACP	PDEG	PRAN	RK	RY	PDEJ	PRAN	XV	YV	HOG	SPD	ADS	C	SYS	CIS		
2:45:01.315	UA59	-0077	2332	2332	47	290	1959	153	120.10	34.40	-115.54	153	121.69	-90	441	349	449	DEP	N	1	NRM	
		34.43	-115.50																			
2:45:01.591	JL1620	-0101	1550	1550	30	310	1910	150	39.05	7.39	-36.52	163	37.39	82	-502	172	510	UAR	N	1	NRM	
		7.45	-36.50																			
2:45:01.593			0000		47		1990	174	144.20	15.43	-143.29	173	144.62	-103	-16	251	105			RO	1	NRM
		15.32	-143.37																			
2:45:02.253			0000		17		2060	191	140.41	-4.29	-141.95	191	141.91	-39	173	355	492			RO	1	PAT
		-4.29	-141.95																			
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																						
2:46:13.400	TOTEM71	-0144	4371	4371	47	211	1904	150	94.37	34.07	-95.79	159	93.49	126	-319	161	336	UAR	N	1	NRM	
		34.04	-95.91																			
2:46:13.402	UA69	-0077	2332	2332	47	290	1959	153	119.51	34.15	-115.14	153	120.19	-85	440	349	449	DEP	N	1	NRM	
		34.13	-115.14																			
2:45:13.771	JL1620	-0101	1550	1550	40	310	1915	150	40.71	9.71	-39.15	163	39.99	179	-491	167	503	UAR	N	1	NRM	
		7.89	-39.21																			
2:45:13.772			0000		47		1990	174	144.17	15.87	-143.23	173	144.53	-79	-9	251	23			RO	1	NRM
		15.17	-143.35																			
2:45:14.132			0000		14		2059	191	139.01	-4.42	-140.34	191	140.35	-39	173	355	492			RO	1	PAT
		-4.42	-140.34																			
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																						
2:45:25.497	TOTEM71	-0144	4371	4371	47	211	1905	150	95.45	34.31	-97.75	159	91.49	122	-316	162	333	UAR	N	1	NRM	
		34.37	-97.35																			
2:46:25.498	UA69	-0077	2332	2332	47	290	1958	153	117.12	33.90	-113.55	153	119.71	-24	440	349	449	DEP	N	1	NRM	
		33.90	-113.55																			
2:46:25.952	JL1620	-0101	1550	1550	47	310	1914	150	42.35	9.29	-39.75	163	40.51	112	-497	167	499	UAR	N	1	NRM	
		9.29	-39.92																			
2:46:25.954			0000		47		1990	174	144.02	15.54	-143.12	173	144.57	-59	2	279	60			RO	1	NRM
		15.04	-143.29																			
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3																						
2:46:37.501	TOTEM71	-0144	4371	4371	47	211	1905	150	95.53	34.59	-99.37	159	95.63	91	-316	163	330	UAR	N	1	NRM	
		34.65	-98.92																			
2:45:37.503	UA59	-0077	2332	2332	47	290	1959	153	115.62	33.46	-112.21	153	117.20	-96	439	317	449	DEP	N	1	NRM	
		33.54	-112.20																			
2:46:37.970	JL1620	-0101	1550	1550	47	310	1915	150	41.03	9.45	-41.51	163	42.39	96	-490	169	500	UAR	N	1	NRM	
		9.54	-41.49																			
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 3																						
2:46:42.592	TOTEM71	-0144	4371	4371	47	211	1907	150	97.51	34.85	-99.96	159	96.75	95	-317	164	329	UAR	N	1	NRM	
		34.92	-99.99																			
2:46:49.593	UA69	-0077	2332	2332	47	290	1959	153	114.11	33.01	-110.70	153	115.70	-110	435	345	447	DEP	N	1	NRM	
		33.14	-110.75																			
2:46:42.352	JL1620	-0101	1550	1550	47	310	1910	150	45.50	9.57	-43.14	163	41.02	73	-404	171	501	UAR	N	1	NRM	
		8.71	-43.14																			
2:46:50.357			0000		24		2256	191	147.75	-3.94	-147.70	191	147.61	-59	2	279	50			RO	1	NRM
		-3.94	-147.70																			
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3																						
2:47:01.453	TOTEM71	-0144	4371	4371	47	211	1909	150	98.66	34.93	-91.01	159	97.77	66	-320	169	327	UAR	N	1	NRM	
		35.07	-91.06																			
2:47:01.454	UA69	-0077	2332		47	290	1955	153	112.53	33.12	-120.19	153	111.23	-81	442	349	451	DEP	N	1	NRM	
		32.93	-120.25																			
2:47:01.919	JL1620	-0101	1550		45		1920	169	47.35	8.95	-44.79	163	45.72	73	-404	171	501	UAR	N	1	PAT	
		8.95	-44.79																			
2:47:01.321	0101	-1517	1550		12	310	1930	169	47.29	9.29	-44.95			-31	-523	193	505			1	DEP	
		8.51	-45.50																			

TIME ACID/SX ABC/SY RBC FRM RALT PACE PDEG PRAN RX DDEG DRAN XY YV HDG SPD ADS C SYS GIS

2:48:01.243	2332	25	1347	162	109.11	32.79	-123.21	162	103.31	0	0	45	0	1	HNM
2:49:01.244 TOTEM71-0144 4371	4371	47	211	1911	159	104.14	36.46	-96.31	159	123.22	92	-315	164	229	UAS N
2:49:01.245 UAS9	2332	47	230	1350	153	125.17	32.52	-122.12	163	126.72	-129	437	312	440	DEP N
2:49:02.125 J11629 -0121 1550	1550	47	310	1929	169	55.55	9.95	-53.26	169	54.07	113	-199	167	502	UAS N
2:49:02.437	1550	47	310	2115	195	55.32	-1.52	-53.79	194	54.16	-242	-522	205	555	
2:49:02.543 TOTEM71-0144 4371	4371	47	211	1912	159	105.22	36.87	-97.35	159	104.41	89	-315	164	327	UAS N
2:49:13.543 UAS9	2332	47	290	1959	153	103.57	33.04	-100.71	153	125.19	-117	435	244	450	DEP N
2:49:13.922 J11629 -0101 1550	1550	47	310	1926	169	57.32	10.25	-54.55	169	55.72	118	-197	166	520	UAS N
2:49:14.221	1550	47	319	2123	195	57.50	-5.79	-55.42	195	55.93	-240	-497	205	551	
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 4													
2:49:15.545	2332	05	1347	162	109.11	32.79	-123.21	162	103.31	0	0	45	0	1	HNM
2:49:15.547 UAS9	2332	47	290	1959	153	103.57	33.04	-100.71	153	125.19	-117	435	244	450	DEP N
2:49:15.922 J11629 -0101 1550	1550	47	310	1926	169	57.32	10.25	-54.55	169	55.72	118	-197	166	520	UAS N
2:49:15.921	1550	47	319	2123	195	57.50	-5.79	-55.42	195	55.93	-240	-497	205	551	
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 4													
2:49:25.547 UAS9	2332	47	290	1959	153	102.14	28.60	-99.29	163	123.59	-115	426	245	451	DEP N
2:49:25.919 J11629 -0121 1550	1550	47	310	1925	169	59.96	12.54	-55.23	169	57.32	121	-434	165	422	UAS N
2:49:25.932	1550	47	310	2125	195	59.35	-5.95	-57.24	195	57.55	-192	-524	231	523	
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 4													
2:49:37.549 TOTEM71-0144 4371	4371	47	211	1815	159	107.42	37.35	-93.57	159	105.67	74	-322	167	320	UAS N
2:49:37.550 UAS9	2332	47	290	1950	153	120.52	29.99	-97.93	163	123.17	-141	430	241	454	DEP N
2:49:39.020 J11629 -0101 1550	1550	47	310	1925	169	60.64	10.97	-57.36	169	59.89	123	-499	167	499	UAS N
2:49:39.333	0000	24	2079	192	144.41	-5.07	-144.29	192	114.35	-245	-42	267	252		
2:49:39.390	1550	45	2129	197	51.10	-7.21	-59.32	195	59.57	-197	-524	221	543		
2:49:39.392	0135-1505	12	310	2120	195	50.85	-6.14	-59.72							
SUBSYS = 1	TOTAL = 6	MODE C TOTAL = 4													
2:49:49.723 TOTEM71-0144 4371	4371	47	211	1915	159	109.54	37.75	-102.54	159	127.22	87	-322	164	331	UAS N
2:49:49.725 UAS9	2332	47	290	1961	163	99.10	23.45	-95.50	153	122.57	-151	429	240	455	DEP N
2:49:50.121 J11629 -0121 1550	1550	47	310	1925	169	62.30	11.17	-59.55	169	60.70	97	-499	169	499	UAS N
2:49:52.455	2200	23	2091	192	144.59	-5.70	-144.25	192	141.52	-245	-12	260	252		
FO 1 HNM															

1875 5

[illegible]

13 11

TIME	ACID/SX	ABQ/SY	RRC	FRM	RAIT	PACP	PDEF	PRAN	RX	PY	DD52	DDAN	YV	YV	H22	SPD	ADS	C	SYS	CIS			
2:55:14.292	32.00	-127.20	2332	2332	47	192	1967	164	52.84	14.37	-52.29	161	54.19	1	432	0	430		1	NFM			
2:55:14.355	14.48	-52.25	0000		24		1977	173	144.30	15.10	-143.32	173	144.75	70	0	90	77		PO	1	NFM		
2:55:14.556	16.10	-143.32	JL1628	-0101	1550	1550	47	309	1933	169	115.10	19.90	-111.71	169	113.73	96	-436	169	436	UAB	N	1	NFM
	19.91	-111.70																					
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	2																		
2:55:25.341	TOTEM71	-0144	4371	4371	27	233	1989	165	130.80	32.92	-126.92	165	132.91	-227	44	282	212	UAB	N		1	NFM	
2:55:25.343	32.46	-127.03	2332	2332	47	177	1964	163	51.45	14.28	-51.23	161	52.97	-14	426	350	426				1	NFM	
2:55:25.591	11.39	-50.95	JL1629	-0101	1550	1550	47	329	1933	169	116.75	22.18	-113.31	162	115.35	94	-495	160	495	UAB	N	1	NFM
	20.14	-113.31																					
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	3																		
2:55:39.397	TOTEM71	-0144	4371	4371	37	239	1990	165	130.63	32.01	-127.00	165	130.50	-199	34	290	192	UAP	N		1	NFM	
2:55:39.398	31.39	-126.95	2332	2332	47	169	1957	163	50.15	14.51	-49.53	163	51.54	-0	424	0	422				1	NFM	
2:55:39.730	14.42	-49.45	JL1629	-0101	1550	1550	47	309	1933	169	119.39	20.49	-114.22	169	117.93	95	-494	160	494	UAB	N	1	NFM
2:55:39.151	20.46	-114.23	0000		24		2050	181	144.25	-2.20	-144.23	180	143.95	121	-10	94	122				PO	1	NFM
	-2.20	-144.23																					
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	3																		
2:55:50.424	TOTEM71	-0144	4371	4371	47	240	1993	166	130.43	31.37	-126.92	166	132.27	-184	28	279	197	UAB	N		1	NFM	
2:55:50.425	31.29	-126.87	2332	2332	47	165	1953	162	49.81	14.35	-49.14	163	50.29	-5	420	350	420				1	NFM	
2:55:50.799	14.39	-49.24	JL1629	-0101	1550	1550	47	329	1931	169	120.23	21.12	-115.45	163	119.62	122	-470	165	402	UAB	N	1	NFM
2:55:51.342	20.95	-116.51	0000		34		2257	180	144.04	-2.42	-143.00	182	143.73	149	15	84	150				PO	1	NFM
	-2.53	-144.07																					
SUBSYS = 1	TOTAL =	4	MODE C	TOTAL =	3																		
2:56:02.457	TOTEM71	-0144	4371	4371	47	241	1996	166	130.25	30.53	-126.95	166	130.12	-199	21	275	191	UAB	N				

TIME	ACIO/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PPAN	RY	RY	DPFG	DRAN	XV	YV	HDC	SPD	ADS_C	1401	1402	SYS	CLS
2:59:39.291	0000	23	2103	194	145.25	-9.95	-144.53	193	145.20	-724	-58	265	709					RO	1	NRM	
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 2																			
2:59:51.006	0000	15	1937	170	142.71	24.07	-139.21	170	141.43	3	-492	179	490					RO	1	NRM	
2:59:51.007	0000	14	1934	169	143.22	24.48	-139.67	170	142.14	110	-411	164	425					RO	1	NRM	
2:59:51.009	0000	17	2113	195	145.66	-12.31	-144.71	191	145.67	-724	-58	265	709					RO	1	NRM	
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 2																			
2:59:03.255	0000	15	1939	170	144.33	24.09	-140.55	172	143.07	3	-492	170	490					RO	1	NRM	
2:59:03.057	0000	14	1934	169	144.64	24.85	-141.24	170	143.55	110	-411	164	425					RO	1	NRM	
2:59:03.059	0000	45	1943	170	139.21	22.82	-136.92	170	139.10	-137	-293	205	324	UAR	E			1	PAP		
2:59:03.071	0000	12	241	1945	170	140.25	22.54	-137.51			-179	-321	205	421				1	FEV		
2:59:03.072	0000	47	255	1937	170	145.53	24.37	-141.76	170	144.21	60	-448	171	455	UAR	F		1	NRM		
2:59:03.402	0000	24	2061	191	144.00	-3.07	-143.95	191	143.80	-51	1	271	91					RO	1	NRM	
2:59:03.404	0000	14	2123	186	145.13	-14.65	-144.92	185	145.17	-704	-58	265	709					RO	1	NRM	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2																			
2:59:15.125	0000	27	239	1944	170	141.51	23.35	-139.39	170	140.73	-113	-379	196	396	UAR	E		1	NRM		
2:59:15.126	0000	47	262	1939	170	147.00	24.40	-143.29	172	145.73	52	-446	173	451	UAR	E		1	NRM		
2:59:15.479	0000	34	2063	191	144.00	-3.31	-143.96	191	143.83	-91	1	271	91					RO	1	NRM	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2																			
2:59:27.204	0000	37	239	1942	170	142.82	23.55	-139.52	172	141.88	-7	-327	181	375	UAR	E		1	NRM		
2:59:27.205	0000	47	253	1937	170	148.45	24.87	-144.23	172	147.23	62	-442	171	447	UAR	F		1	NRM		
2:59:27.592	0000	33	2055	191	144.00	-3.50	-143.95	191	143.83	-91	1	271	91					RO	1	PAP	

11/15/85

TIME	AGID/SX	ARC/SY	REC	FRM	RALT	PAGP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HDG	SPD	ADS	G	SYS	CIS	
2:59:39.513	0055-1507	0000	12		2251	191	144.00	-2.20	-143.28		26	0	02	26					RO 1	TFV	
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 1																					
2:59:51.346	TOTEM71-0144	4371	4371	47	241	1937	170	145.15	24.34	-141.55	172	144.10	121	-344	160	356	UAR	E	1	NRM	
2:59:51.349	JL1629	-0101	1550	1550	47	252	1936	170	151.45	25.15	-147.71	172	150.24	93	-441	159	150	UAR	E	1	NRM
2:59:51.531	0000		27		2059	180	144.00	-2.20	-143.99		187	143.71	49	-0	02	49			RO 1	NRM	
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2																					
3:00:03.262	TOTEM71-0144	4371	4371	47	1935	170	146.24	24.76	-142.71	172	145.21	149	-320	155	350	UAR	E	1	NRM		
3:00:03.264	JL1629	-0101	1550	1550	47	250	1937	170	152.92	25.40	-149.20	170	151.75	45	-145	174	119	UAR	E	1	NRM
3:00:03.653	0000		26		2057	180	144.00	-2.34	-143.99		192	143.72	49	-0	02	49			PO 1	PAE	
3:00:03.656	0055-1514	0000	11		2059	190	144.45	.00	.00				-15	-45	190	49			RO 1	RT	
3:00:03.658	0055-1630	0000	11		2059	180	143.53	.02	.20				-14	45	342	42			RO 1	L2	
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 1																					
3:00:15.238	TOTEM71-0144	4371	4371	47	234	1934	169	147.31	25.17	-143.79	170	146.33	156	-317	153	353	UAR	E	1	NRM	
3:00:15.290	JL1629	-0101	1550	1550	47	249	1939	170	154.39	25.43	-150.71	170	153.25	16	-447	177	447	UAR	E	1	NRM
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2																					
3:00:27.249	TOTEM71-0144	4371	4371	47	1935	170	149.50	24.70	-145.01	172	147.42	97	-332	165	347	UAR	E	1	NRM		
3:00:27.250	JL1629	-0101	1550	1550	47	249	1940	170	155.95	25.69	-152.20	170	154.77	16	-146	177	445	UAR	E	1	NRM
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 1																					
3:00:39.291	TOTEM71-0144	4371	4371	47	229	1939	170	149.61	24.43	-146.20	170	149.64	3	-348	179	347	UAR	E	1	NRM	
3:00:39.293	JL1629	-0101	1550	1550	47	243	1941	170	157.29	25.67	-153.59	172	156.16	12	-412	170	443	UAR	E	1	NRM
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2																					
3:00:51.341	TOTEM71-0144	4371	4371	47	225	1941	170	150.64	24.39	-147.34	170	149.77	-47	-244	187	349	UAR	E	1	NRM	
3:00:51.343	JL1629	-0101	1550	1550	47	235	1939	170	158.75	25.60	-154.32	170	157.50	21	-432	159	441	UAR	E	1	NRM
SUBSYS = 1 TOTAL = 2 MODE C TOTAL = 2																					
3:01:03.295	TOTEM71-0144	4371		47	1942	170	151.73	24.81	-149.42	170	150.90	-29	-339	184	341	UAR	E	1	NRM		
3:01:03.298	JL1629	-0101	1550	1550	47	229	1939	170	160.14	26.37	-156.26	170	159.91	77	-425	169	433	UAR	E	1	NRM
3:01:03.702	0000		24		2058	180	144.45	-3.09	-144.34		181	144.17	-22	-54	202	59			PO 1	NRM	
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 1																					
3:01:15.321	TOTEM71-0144	4371	4371	47	222	1939	170	152.92	25.69	-149.42	172	151.99	56	-335	170	341	UAR	E	1	NRM	
3:01:15.323	JL1629	-0101	1550	1550	47	223	1940	170	151.54	25.14	-152.82	170	150.43	35	-429	175	430	UAR	E	1	NRM
3:01:15.596	0000		34		2056	180	144.34	-1.76	-144.12		180	143.79	35	-24	124	43			PO 1	NRM	

PACKING DATA		11/19/85										PAGE 1									
TIME	ACID/SX	ABC/SY	RBC	FRM	RAIT	PACP	PDS3	PRAN	RY	RY	DDE3	DRAN	YV	YV	MDG	SPD	ADS	C	SYS	CIS	
-2.00 -144.25																					
SUBSYS = 1		TOTAL = 3		MODE C TOTAL = 2																	
3:01:27.351	TOTEM71-0144	4371	4371	47	221	1939	170	154.00	25.40	-150.59	172	153.13	66	-328	169	335	UAR	E	1	NPM	
25.37 -150.75																					
3:01:27.353	JL1529	-0121	1550	1550	47	218	1939	170	162.93	27.09	-159.26	170	161.78	90	-412	169	426	UAR	E	1	NPM
28.32 -159.26																					
3:01:27.732		0002		33		2055	180	144.42	-1.87	-144.32	192	144.00	35	-24	121	43			20	1	PAP
-1.87 -144.32																					
3:01:27.734	0021-1513	0000		12		2259	180	144.09	-2.42	-143.99			-45	26	209	52			20	1	FEV
-2.29 -144.26																					
SUBSYS = 1		TOTAL = 4		MODE C TOTAL = 2																	
3:01:39.391	TOTEM71-0144	4371	4371	47	219	1939	170	155.07	25.59	-151.70	170	154.26	69	-324	168	331	UAR	E	1	NPM	
25.60 -151.92																					
3:01:39.393	JL1629	-0101	1550	1550	47	213	1939	170	154.29	27.32	-152.42	170	153.15	121	-420	165	419	UAR	E	1	NPM
27.21 -160.59																					
SUBSYS = 1		TOTAL = 2		MODE C TOTAL = 2																	
3:01:51.397	TOTEM71-0144	4371	4371	47		1939	170	155.15	25.54	-152.35	170	155.41	47	-325	171	330	UAR	E	1	NPM	
25.70 -152.30																					
3:01:51.399	JL1529	-0101	1550	1550	47	208	1939	170	165.64	27.29	-161.31	170	154.51	93	-426	168	415	UAR	E	1	NPM
27.43 -161.95																					
SUBSYS = 1		TOTAL = 2		MODE C TOTAL = 1																	
3:02:03.229	TOTEM71-0144	4371	4371	47		1942	170	157.23	25.03	-154.27	170	155.55	-18	-334	193	335	UAR	E	1	NPM	
25.43 -154.04																					
3:02:03.230	JL1529	-0101	1550	1550	47		1939	170	167.01	27.79	-163.25	170	165.03	90	-424	167	413	UAR	E	1	NPM
27.76 -163.23																					
SUBSYS = 1		TOTAL = 2		MODE C TOTAL = 1																	
3:02:15.313	TOTEM71-0144	4371	4371	47	209	1947	171	159.23	24.03	-155.50	171	157.05	-124	-340	202	353	UAR	E	1	NPM	
24.71 -155.21																					
3:02:15.315	JL1529	-0101	1550		45		1937	170	159.39	23.05	-154.54	172	157.45	90	-424	157	413	UAR	E	1	PAP
23.06 -154.54																					
3:02:15.317	0101-1612	1550	1550	11		1949	171	167.45	.00	.00			-273	-310	221	414			1	PT	
25.45 -165.50																					
3:02:15.320	0101-1514	1550	1550	11		1927	169	157.17	.00	.00			390	-153	113	414			1	LT	
30.91 -154.29																					
SUBSYS = 1		TOTAL = 4		MODE C TOTAL = 1																	
3:02:27.345	TOTEM71-0144	4371	4371	47	225	1946	171	159.64	25.65	-156.39	170	159.94	-25	-363	18						

TRACKING DATA		11/18/80										PAGE 1		15						
TIME	ACID/SX	ABC/SY	RBC	FRM	BALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	EDG	SPD	APS	C	SYS	CLS
3:02:51.498	TOTEM71-0144	4371	4371	47		1942	170	162.14	26.03	-158.73	170	161.32	99	-353	164	366	UAR	E	1	NRM
	25.85	-158.82																		
3:02:51.490	JL1529	-0101	1550	25		1937	170	172.54	28.98	-168.59	170	171.52	90	-404	167	413	UAR	E	1	PAR
	29.98	-168.59																		
3:02:51.492	0101-1512	1550	1550	10		1964	172	167.77	.00	.20			-412	32	275	415			1	PT
	21.53	-166.37																		
3:02:51.425	0101-1514	1550	1550	10		1911	167	157.25	.22	.20			355	212	59	415			1	LT
	34.73	-163.40																		
SUBSYS = 1		TOTAL = 4																		
3:03:03.504	TOTEM71-0144	4371	4371	47	198	1941	170	163.31	26.21	-159.94	170	162.45	102	-349	163	363	UAR	E	1	NRM
	26.21	-159.95																		
SUBSYS = 1		TOTAL = 1		MODE C TOTAL = 1																
3:03:15.457	TOTEM71-0144	4371	4371	45		1941	170	164.50	25.56	-161.14	170	163.79	102	-349	163	363	UAR	E	1	PAR
	26.56	-161.14																		
3:03:15.459	0144-1511	4371	4371	11	198	1951	171	153.89	.00	.00			-220	-299	217	365			1	PT
	24.34	-162.06																		
3:03:15.472	0144-1512	4371	4371	11	198	1932	169	153.29	.00	.00			342	-123	109	365			1	IT
	29.92	-160.71																		
SUBSYS = 1		TOTAL = 3		MODE C TOTAL = 2																
3:03:27.416	TOTEM71-0144	4371	4371	42		1940	170	165.71	25.90	-162.29	172	164.93	102	-349	163	363	UAR	E	1	PAR
	26.98	-162.29																		
3:03:27.417	0144-1511	4371	4371	10	198	1955	171	164.42	.00	.20			-300	-297	235	367			1	PT
	23.34	-152.75																		
3:03:27.420	0144-1512	4371	4371	10	198	1927	169	163.55	.00	.20			365	-11	91	355			1	IT
	30.14	-160.75			</															

TIME		ACID/SY	ABC/SY	RBG	FRM	RAIT	PACP	PDEG	PRAN	RX	RY	DDEF	DRAN	YV	YV	WDG	SPD	ARS	C	SYS	CLS
SUBSYS = 1		TOTAL = 1																			
3:09:01.155		0000	34	2065	191	147.91	-3.62	-147.70	191	147.59	-165	7	272	165						PO 1	NRM
		-3.42 -147.79																			
SUBSYS = 1		TOTAL = 1																			
3:09:13.315		0000	44	2054	191	147.74	-2.49	-147.73	192	147.49	-82	10	277	93						PO 1	NRM
		-3.42 -147.73																			
SUBSYS = 1		TOTAL = 1																			
3:09:29.329		0000	47	2064	191	147.71	-3.39	-147.70	181	147.55	-72	11	279	73						PO 1	NRM
		-3.50 -147.59																			
SUBSYS = 1		TOTAL = 1																			
3:09:40.379		0000	46	2066	191	147.67	-3.95	-147.55	191	147.57	-72	11	279	73						PO 1	PAP
		-3.85 -147.65																			
3:09:40.330		0155-1527	12	2059	190	147.71	-2.03	-147.73				199	-0	90	197					PO 1	DEV
		-2.29 -147.70																			
SUBSYS = 1		TOTAL = 2																			
3:09:52.467		0000	27	2253	190	147.84	-1.81	-147.97	190	147.53	221	-9	92	221						PO 1	NPM
		-2.01 -147.79																			
SUBSYS = 1		TOTAL = 1																			
3:09:04.547		0000	25	2252	190	147.55	-1.29	-147.92	192	147.42	221	-3	32	221						PO 1	PAP
		-1.28 -147.92																			
3:09:04.549		0155-1505	12	2257	180	147.77	-2.93	-147.71				-26	5	283	27					PO 1	DEV
		-2.20 -147.75																			
SUBSYS = 1		TOTAL = 2																			
3:09:16.543		0000	27	2062	191	147.85	-3.62	-147.92	181	147.71	-96	0	270	95						PO 1	NPM
		-3.22 -147.91																			
SUBSYS = 1		TOTAL = 1																			
3:09:29.538		0000	37	2254	191	147.75	-3.39	-147.70	191	147.55	-101	10	275	102						PO 1	NRM
		-3.35 -147.75																			
SUBSYS = 1		TOTAL = 1																			
3:09:40.555		0000	24	2169	190	159.72	-29.23	-157.23	192	150.01	-56	10	290	57						PO 1	NRM
		-29.23 -157.03																			
3:09:40.557		0000	36	2065	191	147.74	-3.70	-147.71	181	147.61	-101	10	275	132						PO 1	PAP
		-3.72 -147.71																			
3:09:40.559		0155-1515	11	2061	191	146.93	.00	.20				41	93	23	102					PO 1	RT
		-3.03 -146.79																			
3:09:40.562		0155-1524	11	2062	191	148.79	.00	.20				22	-99	157	102					PO 1	LT
		-3.21 -149.75																			
SUBSYS = 1		TOTAL = 4																			
3:09:52.523		0000	40	2056	191	147.71	-3.04	-147.70	181	147.61	-92	9	275	90						PO 1	NRM
		-3.96 -147.69																			
SUBSYS = 1		TOTAL = 1																			

C D R E D I T O R L I S T I N G

JL1629 BEGINNING TO LAST

DATA SELECTED

BT RB TD

FILTERS

TIME: 11/19/86 01:50:00-11/19/86 03:00:00 CONTROLLER:
ALTITUDE: AGID: SUBSYSTEM:
 BEACON CODE: 1550 RANGE: - AZIMUTH: -
 BTG: N-INTERFACILITY:

BEACON TARGET REPORTS					11/18/86			PAGE	1
TIME	RANGE	ACP	DEG	Q	BEACON	ALT		QUA	SYS
2:08:13.355	236.62	1191	103	0	1550-3	350-3		BT	3
2:08:25.438	236.62	1197	104	0	1550-3	350-3		BT	3
2:08:37.459	236.52	1191	104	0	1550-3	350-3		BT	3
2:08:49.640	236.62	1197	105	0	1550-3	350-3		BT	3
2:09:01.572	236.62	1209	105	0	1550-3	350-3		BT	3
	236.75	1204	105	0	1550-3	350-3		BT	3
2:09:13.598	236.75	1209	105	0	1550-3	350-3		BT	3
2:09:25.357	236.75	1214	105	0	1550-3	350-3		BT	3
2:10:01.630	237.09	1230	108	0	1550-3	350-3		BT	3
2:10:13.373	237.25	1235	108	0	1550-3	350-3		BT	3
2:12:33.503	135.50	157	13	0	1550-3	351-3		BT	1
2:12:45.630	184.87	159	13	0	1550-3	351-3		BT	1
2:12:57.718	193.25	150	14	0	1550-3	351-3		BT	1
2:14:21.952	171.87	157	14	0	1550-3	350-3		BT	1
2:11:31.042	170.25	159	14	0	1550-3	350-3		BT	1
2:13:34.150	162.25	125	15	0	1550-3	340-3		BT	1
2:15:43.239	150.50	177	15	0	1550-3	349-3		BT	1
2:15:53.083	150.30	173	15	0	1550-3	349-3		BT	1
2:16:46.324	152.50	186	16	0	1550-3	349-3		BT	1
2:17:53.464	142.25	126	17	0	1550-3	350-3		BT	1
2:18:59.515	134.75	206	19	0	1550-3	350-3		BT	1
2:20:15.942	124.25	227	19	0	1550-3	350-3		BT	1
2:21:22.753	115.50	235	20	0	1550-3	350-3		BT	1
2:21:59.273	112.25	242	21	0	1550-3	350-3		BT	1
2:23:23.299	99.75	255	23	0	1550-3	350-3		BT	1
2:23:53.443	95.12	279	24	0	1550-3	350-3		BT	1
2:25:11.325	35.97	307	26	0	1550-3	351-3		BT	1
2:27:35.083	58.25	300	34	0	1550-3	350-3		BT	1
2:27:43.070	55.87	338	34	0	1550-3	350-3		BT	1
2:28:00.151	55.50	404	35	0	1550-3	350-3		BT	1
2:28:24.065	52.75	425	37	0	1550-3	350-3		BT	1
2:29:00.193	58.52	457	40	0	1550-3	350-3		BT	1
2:30:24.789	50.00	549	48	0	1550-3	350-3		BT	1
2:30:35.072	43.87	557	49	0	1550-3	350-3		BT	1
2:30:48.958	47.62	579	50	0	1550-3	350-3		BT	1
2:31:00.862	46.37	594	52	0	1550-3	350-3		BT	1
2:31:24.959	43.37	512	53	0	1550-3	350-3		BT	1
2:31:35.085	41.87	515	54	0	1550-3	349-3		BT	1
2:32:13.387	37.12	635	55	0	1550-3	349-3		BT	1
2:32:25.481	35.62	644	56	0	1550-3	340-3		BT	1
2:33:37.565	26.25	702	61	0	1550-3	342-3		BT	1
2:33:42.717	24.25	720	64	0	1550-3	342-3		BT	1
2:34:01.631	23.12	733	64	0	1550-3	339-3		BT	1
2:34:23.911	20.12	778	68	0	1550-3	334-3		BT	1
2:34:37.998	19.62	804	70	0	1550-3	332-3		BT	1
2:35:14.513	14.75	917	80	0	1550-3	325-3		BT	1
2:36:03.659	12.00	1233	108	0	1550-3	316-3		BT	1
2:36:29.202	12.25	1437	126	0	1550-3	311-3		BT	1
2:36:40.543	12.52	1525	134	0	1550-3	311-3		BT	1
2:37:17.047	14.62	1755	154	0	1550-3	310-3		BT	1
2:37:53.579	15.87	1974	173	0	1550-3	311-3		BT	1
2:38:05.135	16.00	2041	179	0	1550-3	310-3		BT	1
2:38:42.709	16.00	2239	195	0	1550-3	310-3		BT	1

BEACON	TARGET	REPORTS				11/19/96		PAGE	2
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:33:51.990	15.75	2306	202	0	1550-3	310-3	BT	1	
2:40:23.303	12.12	2705	237	0	1550-3	310-3	BT	1	
2:40:20.207	11.12	2766	243	0	1550-3	310-3	BT	1	
2:40:39.425	9.25	1100	96	0	1550-3	310-3	BT	1	
2:40:44.749	9.62	2967	251	0	1550-3	310-3	BT	1	
2:40:55.751	7.37	2999	253	0	1550-3	310-3	BT	1	
2:41:03.030	6.25	2372	252	0	1550-3	310-3	BT	1	
2:41:15.790	5.62	1107	97	0	1550-3	310-3	BT	1	
2:41:42.162	5.12	2017	177	0	1550-3		BT	1	
2:41:45.359	5.37	3351	294	0	1550-3		BT	1	
2:41:47.109	5.37	3524	319	0	1550-3	310-3	BT	1	
	5.59	3717	326	0	1550-3	310-3	BT	1	
2:41:43.990	5.50	77	6	0	1550-3	310-3	BT	1	
	5.50	212	19	0	1550-3	310-3	BT	1	
2:41:43.190	5.62	310	27	0	1550-3	310-3	BT	1	
2:41:53.893	5.00	1951	162	0	1550-3	310-3	BT	1	
2:41:59.377	5.37	3429	301	0	1550-3	310-3	BT	1	
2:41:59.753	5.37	3524	309	0	1550-3	310-3	BT	1	
2:41:59.129	5.37	3645	320	0	1550-3	310-3	BT	1	
2:42:05.579	7.00	1990	157	0	1550-3	310-3	BT	1	
2:42:12.714	7.87	56	4	0	1550-1		BT	1	
2:42:17.593	9.37	1794	155	0	1550-3	310-3	BT	1	
2:42:23.901	9.97	1307	159	0	1550-3	310-3	BT	1	
2:42:41.890	11.37	1925	160	0	1550-3	310-3	BT	1	
2:42:53.912	12.87	1939	161	0	1550-3	309-3	BT	1	
2:43:05.995	14.50	1941	161	0	1550-3	309-3	BT	1	
2:43:17.706	15.70	1934	169	0	1550-3		BT	1	
2:43:42.260	19.25	1992	165	0	1550-3	310-3	BT	1	
	19.25	1957	172	0	1550-3		BT	1	
2:43:53.957	20.75	1935	165	0	1550-3	310-3	BT	1	
2:43:51.169	20.97	1949	171	0	1550-3	310-3	BT	1	
2:44:06.366	22.37	1992	166	0	1550-3	310-3	BT	1	
	22.50	1944	170	0	1550-3	310-3	BT	1	
2:44:13.159	24.12	1995	166	0	1550-3	310-3	BT	1	
2:44:29.790	25.62	1997	166	0	1550-3	310-3	BT	1	
2:44:30.540	25.75	1939	170	0	1550-3	310-3	BT	1	
2:44:42.439	27.37	1907	167	0	1550-3	310-3	BT	1	
2:44:54.406	29.00	1916	169	0	1550-3	310-3	BT	1	
2:45:05.199	30.62	1917	169	0	1550-3	310-3	BT	1	
2:45:13.506	32.37	1900	167	0	1550-3	310-3	BT	1	
2:45:32.589	34.00	1912	168	0	1550-3	310-3	BT	1	
2:45:42.192	35.62	1933	169	0	1550-3	310-3	BT	1	
2:45:54.510	37.37	1919	169	0	1550-3	310-3	BT	1	
2:45:05.597	39.00	1913	168	0	1550-3	310-3	BT	1	
2:46:19.253	40.62	1914	168	0	1550-3	310-3	BT	1	
2:46:19.005	40.75	2033	170	0	1550-3	310-3	BT	1	
2:46:30.713	42.37	1917	169	0	1550-3	310-3	BT	1	
	42.37	2037	179	0	1550-3		BT	1	
2:46:42.736	44.00	1920	168	0	1550-3	310-3	BT	1	
2:46:54.702	45.62	1929	169	0	1550-3	310-3	BT	1	
2:46:55.015	45.75	2055	190	0	1550-3		BT	1	
2:47:05.670	47.25	1930	169	0	1550-3	310-3	BT	1	
2:47:37.172	47.37	2070	181	0	1550-3	310-3	BT	1	

BEACON TARGET REPORTS					11/13/96			PAGE	3
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:47:13.763	49.00	1930	169	0	1550-3	310-3	BT	1	
2:47:19.137	49.00	2077	182	0	1550-3	310-3	BT	1	
2:47:30.905	50.62	1928	169	0	1550-3	310-3	BT	1	
2:47:31.166	53.76	2097	184	0	1550-3	310-3	BT	1	
2:47:31.657	50.37	2244	197	0	1550-1		BT	1	
2:47:42.875	52.25	1928	169	0	1550-3	310-3	BT	1	
2:47:43.250	52.37	2099	184	0	1550-3	310-3	BT	1	
2:47:43.325	52.37	2227	195	0	1550-3		BT	1	
2:47:54.992	54.00	1927	169	0	1550-3	310-3	BT	1	
2:47:55.394	54.00	2104	184	0	1550-3	310-3	BT	1	
2:47:55.707	54.12	2220	195	0	1550-1	310-3	BT	1	
2:48:05.731	55.52	1927	169	0	1550-3	310-3	BT	1	
2:48:07.481	55.75	2115	195	0	1550-3	312-3	BT	1	
2:48:18.759	57.25	1926	169	0	1550-3	310-3	BT	1	
2:48:19.511	57.37	2116	185	0	1550-3	310-3	BT	1	
2:48:30.353	59.00	1927	169	0	1550-3	310-3	BT	1	
2:48:31.229	59.12	2115	195	0	1550-3	312-3	BT	1	
2:48:42.873	59.62	1927	169	0	1550-3	310-3	BT	1	
2:48:43.249	60.75	2111	185	0	1550-3	310-3	BT	1	
2:48:54.956	52.25	1927	169	0	1550-3	310-3	BT	1	
2:48:55.332	52.37	2122	196	0	1550-1		BT	1	
2:49:07.040	64.00	1927	169	0	1550-3	310-3	BT	1	
	54.00	1998	175	0	1550-1		BT	1	
2:49:13.933	55.52	1928	169	0	1550-3	310-3	BT	1	
2:49:30.996	57.25	1928	169	0	1550-3	310-3	BT	1	
2:49:42.993	69.87	1927	169	0	1550-3	310-3	BT	1	
2:49:55.012	70.50	1927	169	0	1550-3	310-3	BT	1	
2:50:31.017	75.50	1922	159	0	1550-3	310-3	BT	1	
2:50:31.331	75.62	2207	193	0	1550-1		BT	1	
2:51:07.155	80.50	1925	169	0	1550-3	309-3	BT	1	
2:51:19.198	82.12	1930	169	0	1550-3	309-3	BT	1	
2:51:31.163	83.75	1929	169	0	1550-3	309-3	BT	1	
2:51:43.250	95.37	1930	169	0	1550-3	309-3	BT	1	
2:51:55.336	87.00	1928	169	0	1550-3	309-3	BT	1	
2:52:07.223	89.75	1925	169	0	1550-3	309-3	BT	1	
2:52:19.315	90.37	1925	169	0	1550-3	309-3	BT	1	
2:52:31.349	92.00	1927	169	0	1550-3	309-3	BT	1	
2:52:43.180	120.62	4023	351	0	1550-3		BT	2	
2:52:43.173	93.52	1927	169	0	1550-3	309-3	BT	1	
2:52:55.320	95.37	1928	169	0	1550-3	309-3	BT	1	
2:53:19.359	98.52	1929	169	0	1550-3	309-3	BT	1	
2:53:31.371	120.25	1930	169	0	1550-3	309-3	BT	1	
2:53:43.457	121.87	1930	169	0	1550-3	309-3	BT	1	
2:53:55.355	123.52	1930	169	0	1550-3	309-3	BT	1	
2:54:07.324	125.25	1932	169	0	1550-3	309-3	BT	1	
2:54:10.481	126.87	1931	169	0	1550-3	309-3	BT	1	
2:54:31.441	129.50	1935	170	0	1550-3		BT	1	
2:54:43.510	112.12	1933	169	0	1550-3	309-3	BT	1	
2:54:55.501	111.75	1933	169	0	1550-3	309-3	BT	1	
2:55:07.437	113.50	1933	169	0	1550-3	309-3	BT	1	
2:55:19.522	115.12	1933	169	0	1550-3	309-3	BT	1	
2:55:31.550	116.75	1933	169	0	1550-3	309-3	BT	1	
2:55:43.261	119.37	1931	169	0	1550-3	309-3	BT	1	

11/19/86										PAGE	1
BEACON										QUA	SYS
TIME	RANGE	ACP	DEG	Q	BEACON	ALT					
2:32:02.122	32.00	930	81	0	0162-3					BT	1
2:32:02.321	34.50	1064	93	0	1200-3	17-3				BT	1
2:32:22.225	22.75	1237	109	0	1271-3	710-3				BT	1
2:32:05.375	10.00	2223	195	0	2165-3					BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2											
2:32:14.141	31.75	925	81	0	0162-3					BT	1
2:32:14.993	22.75	1239	109	0	1271-3	710-3				BT	1
2:32:15.021	31.50	1593	140	0	4371-3	159-3				BT	1
2:32:17.904	9.75	2192	192	0	0165-3					BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2											
2:32:25.431	35.52	344	55	0	1550-3	349-3				BT	1
2:32:25.956	31.50	920	80	0	2162-3					BT	1
	25.37	939	82	0	0260-1					BT	1
2:32:26.986	22.97	1237	109	0	1271-3	710-3				BT	1
2:32:29.113	32.12	1501	140	0	4371-3	150-3				BT	1
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3											
2:32:38.255	31.25	915	80	0	0162-3					BT	1
2:32:39.005	22.75	1237	109	0	1271-3	710-3				BT	1
2:32:40.132	32.75	1539	141	0	4371-3	154-3				BT	1
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2											
2:32:49.967	31.00	908	79	0	0162-3					BT	1
2:32:50.344	24.75	927	81	0	0260-3					BT	1
2:32:51.037	22.97	1239	109	0	1271-3	710-3				BT	1
2:32:52.223	33.37	1519	142	0	4371-3	167-3				BT	1
	35.50	1705	149	0	2275-3	81-3				BT	1
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3											
2:33:21.335	32.97	301	79	0	0162-3					BT	1
2:33:03.123	22.75	1239	109	0	1271-3	710-3				BT	1
2:33:04.373	34.00	1623	142	0	4371-3	170-3				BT	1
2:33:04.526	34.75	1703	149	0	2275-3	79-3				BT	1
2:33:05.535	3.97	2354	180	0	0165-3	29-3				BT	1
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4											
2:33:14.213	32.62	994	79	0	0162-3					BT	1
	24.12	939	82	0	0260-3					BT	1
2:33:15.339	22.75	1239	109	0	1271-3	710-3				BT	1
2:33:16.465	34.62	1631	143	0	4371-3	172-3				BT	1
	33.87	1696	149	0	2275-3	76-3				BT	1
2:33:17.592	9.75	2020	177	0	0165-3	29-3				BT	1
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4											
2:33:26.293	30.50	899	79	0	0162-3					BT	1
2:33:27.044	22.87	1239	108	0	1271-3	710-3				BT	1
2:33:29.545	35.25	1539	144	0	4371-3	174-3				BT	1
	33.12	1691	149	0	2275-3	71-3				BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3											
2:33:37.566	25.25	722	61	0	1550-3	342-3				BT	1
2:33:39.321	30.25	993	77	0	0162-3					BT	1
2:33:39.071	22.87	1237	103	0	1271-3	710-3				BT	1
2:33:40.574	35.87	1644	144	0	4371-3	176-3				BT	1
	32.25	1689	149	0	2275-3	68-3				BT	1
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4											
2:33:49.717	24.75	722	64	0	1550-3	340-3				BT	1
2:33:49.969	30.00	876	76	0	0162-3					BT	1
2:33:51.095	22.87	1239	108	0	1271-3	710-3				BT	1

11/18/86

	SPIME	RANGE	ACP	DEG	Q	BEACON	ALT		
	2:33:52.597	31.50	1591	147	0	2275-3	65-3	BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 3							
	2:34:01.591	23.12	733	64	0	1550-3	333-3	BT	1
	2:34:02.055	29.75	970	75	0	0162-3		BT	1
	2:34:02.431	22.87	924	81	0	0000-0		BT	1
	2:34:03.183	22.75	1238	109	0	1271-3		BT	1
	2:34:04.593	30.62	1377	147	0	2275-3	63-3	BT	1
	9.50	1950	163	*		0155-3		BT	1
SUBSYS = 1	TOTAL = 6	MODE C TOTAL = 2							
	2:34:14.081	29.50	965	75	0	0162-3		BT	1
		22.50	924	81	0	0250-1		BT	1
	2:34:15.209	22.75	1239	109	0	1271-3	710-3	BT	1
	2:34:16.709	29.75	1672	146	0	2275-3	60-3	BT	1
	9.50	1922	160	0		0165-3	25-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 3							
	2:34:25.911	20.12	779	59	0	1550-3	334-3	BT	1
	2:34:26.297	29.12	962	75	0	0162-3		BT	1
		22.25	931	81	0	0260-3		BT	1
	2:34:27.415	22.75	1239	109	0	1271-3	710-3	BT	1
	2:34:28.542	29.12	1655	146	0	2275-3	57-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 3							
	2:34:37.999	19.52	904	70	0	1553-3	332-3	BT	1
	2:34:38.377	29.75	952	75	0	0162-3		BT	1
	2:34:39.126	22.75	1239	108	0	1271-3	710-3	BT	1
	2:34:40.629	29.25	1559	145	0	2275-3	55-3	BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 3							
	2:34:50.322	22.37	953	75	0	0152-3		BT	1
		21.62	930	81	0	0260-3		BT	1
	2:34:51.150	22.97	1238	109	0	1271-3	710-3	BT	1
	2:34:52.552	27.50	1651	145	0	2275-3	52-3	BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2							
	2:35:02.111	29.00	967	76	0	0162-3		BT	1
	2:35:03.239	22.97	1237	109	0	1271-3	710-3	BT	1
	2:35:04.739	25.75	1543	144	0	2275-3	49-3	BT	1
	8.62	1672	146	0		0165-3		BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2							
	2:35:14.133	27.50	937	75	0	0152-3		BT	1
	2:35:14.510	14.75	917	90	0	1550-3	325-3	BT	1
		21.25	936	82	0	0260-3		BT	1
	2:35:15.326	22.75	1239	109	0	1271-3	710-3	BT	1
	2:35:15.452	23.00	1535	143	0	2275-3	45-3	BT	1
	9.75	1635	143	0		0165-3	23-3	BT	1
SUBSYS = 1	TOTAL = 6	MODE C TOTAL = 4							
	2:35:26.222	27.25	971	76	0	0162-3		BT	1
	2:35:26.529	21.22	937	82	0	0250-3		BT	1
	2:35:27.349	22.75	1239	109	0	1271-3	710-3	BT	1
	2:35:28.477	9.87	1599	140	0	0165-3	23-3	BT	1
	25.25	1627	142	0		2275-3	42-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 3							
	2:35:38.427	26.87	972	76	0	0152-3		BT	1
		22.87	940	82	0	0260-3		BT	1
	2:35:39.557	22.87	1239	108	0	1271-3	710-3	BT	1
	2:35:40.309	9.00	1555	137	0	0155-3	23-3	BT	1

11/18/86

TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	PAGE	SYS
SJBSYS = 1 TOTAL = 5	24.50	1617	142	0	2275-3	40-3	BT	1	1
2:35:50.511	26.50	975	76	0	0162-3		BT	1	1
2:35:51.260	20.75	938	82	0	0260-3		BT	1	1
2:35:52.396	22.75	1239	108	0	1271-3	710-3	BT	1	1
	9.12	1532	134	0	0155-3	22-3	BT	1	1
	23.75	1607	141	0	2275-3	33-3	BT	1	1
SUBSYS = 1 TOTAL = 5	25.12	979	77	0	0162-3		BT	1	1
2:35:22.533	20.97	944	82	0	0000-0		BT	1	1
	20.62	940	82	0	0260-3		BT	1	1
2:35:03.283	22.75	1239	108	0	1271-3	710-3	BT	1	1
2:35:03.559	12.00	1233	109	0	1550-3	311-3	BT	1	1
2:35:04.472	23.12	1536	140	0	2275-3	36-3	BT	1	1
SUBSYS = 1 TOTAL = 6	25.75	983	77	0	0162-3		BT	1	1
2:35:14.612	20.50	944	82	0	0260-3		BT	1	1
2:35:15.363	22.75	1237	108	0	1271-3	710-3	BT	1	1
2:35:16.115	9.50	1457	129	0	0155-3		BT	1	1
2:35:16.490	22.50	1583	139	0	2275-3	32-3	BT	1	1
SJBSYS = 1 TOTAL = 5	25.50	997	77	0	0162-3		BT	1	1
2:35:26.322	20.50	945	83	0	0260-3		BT	1	1
2:35:26.698	22.75	1239	108	0	1271-3	710-3	BT	1	1
2:35:27.451	12.75	1436	126	0	0000-0		BT	1	1
2:35:28.202	12.25	1437	126	0	1550-3	311-3	BT	1	1
	9.62	1433	125	0	0165-3	19-3	BT	1	1
2:35:28.573	21.97	1570	137	0	2275-3	30-3	BT	1	1
SJBSYS = 1 TOTAL = 7	25.12	999	78	0	0162-3		BT	1	1
2:36:38.538	20.50	946	83	0	0260-3		BT	1	1
2:36:39.555	22.87	1237	108	0	1271-3	710-3	BT	1	1
2:36:40.042	3.97	1401	123	0	0165-3	13-3	BT	1	1
2:36:40.543	12.62	1525	134	0	1550-3	311-3	BT	1	1
	21.25	1555	136	0	2275-3	30-3	BT	1	1
SUBSYS = 1 TOTAL = 5	24.75	992	79	0	0162-3		BT	1	1
2:36:50.625	20.37	937	82	0	0260-3		BT	1	1
	20.50	952	83	0	0260-1		BT	1	1
2:36:51.375	22.97	1233	108	0	1271-3	710-3	BT	1	1
2:36:52.501	20.75	1343	135	0	2275-3	29-3	BT	1	1
SUBSYS = 1 TOTAL = 5	24.50	934	79	0	0162-3		BT	1	1
2:37:02.545	20.37	945	83	0	0260-3		BT	1	1
2:37:23.399	22.87	1239	108	0	1271-3	710-3	BT	1	1
2:37:03.774	10.25	1343	118	0	0165-3	19-3	BT	1	1
2:37:04.527	20.12	1527	134	0	2275-3	29-3	BT	1	1
SUBSYS = 1 TOTAL = 5	24.25	999	79	0	0162-3		BT	1	1
2:37:14.414	20.50	953	83	0	0000-0		BT	1	1
2:37:14.789	20.37	945	83	0	0260-3		BT	1	1
2:37:15.540	22.75	1239	108	0	1271-3	710-3	BT	1	1
2:37:15.916	10.62	1317	115	0	0165-3	18-3	BT	1	1

BEACON TARGET REPORTS						11/13/86	PAGE 4	
TIME	RANGE	AGP	DEG	Q	BEACON	ALT	QUA	SYS
2:37:13.292	12.75	1510	132	0	2275-3	29-3	BT	1
2:37:17.247	14.62	1755	154	0	1552-3	310-3	BT	1
SUBSYS = 1	TOTAL = 7	MODE C	TOTAL = 4					
2:37:25.437	23.87	900	79	0	0162-3		BT	1
2:37:25.939	22.25	948	83	0	0232-3		BT	1
2:37:27.563	22.75	1239	108	0	1271-3	710-3	BT	1
2:37:27.942	10.87	1292	113	0	0165-3	19-3	BT	1
2:37:29.316	19.37	1494	131	0	2275-3	27-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 3					
2:37:39.839	23.50	908	79	0	0152-3		BT	1
	20.25	951	83	0	0262-3		BT	1
2:37:39.592	22.75	1239	108	0	1271-3	710-3	BT	1
SUBSYS = 1	TOTAL = 3	MODE C	TOTAL = 1					
2:37:50.800	23.12	908	79	0	0162-3		BT	1
	20.25	951	83	0	0262-3		BT	1
2:37:51.900	22.75	1237	108	0	1271-3	710-3	BT	1
2:37:52.175	19.50	1454	123	2	2275-3	25-3	BT	1
2:37:52.552	19.50	1594	140	0	0000-0		BT	1
2:37:53.679	15.87	1974	123	0	1552-3	311-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 3					
2:38:02.753	22.87	911	82	0	0162-3		BT	1
	20.12	951	83	0	0262-3		BT	1
2:38:03.504	22.75	1238	108	0	1271-3	710-3	BT	1
2:38:04.633	19.12	1574	133	0	2275-1		BT	1
2:38:05.136	16.00	2041	179	0	1550-3	310-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 2					
2:38:14.771	22.50	912	90	0	0152-3		BT	1
2:38:15.594	12.25	1220	107	0	0165-3		BT	1
	22.75	1239	108	0	1271-3	710-3	BT	1
SUBSYS = 1	TOTAL = 3	MODE C	TOTAL = 1					
2:38:23.331	22.25	916	90	0	0152-3		BT	1
	20.12	943	92	0	0262-3		BT	1
2:38:27.614	12.62	1205	105	0	0165-3		BT	1
	22.75	1238	108	0	1271-3	710-3	BT	1
2:38:29.354	17.50	1419	124	0	2275-3	23-3	BT	1
2:38:34.205	17.37	3447	302	0	0000-0		BT	1
SUBSYS = 1	TOTAL = 6	MODE C	TOTAL = 2					
2:38:38.956	21.87	919	90	0	0162-3		BT	1
	22.12	949	83	0	0232-3		BT	1
2:38:39.705	12.97	1191	104	0	0165-3	13-3	BT	1
	22.75	1239	108	0	1271-3	710-3	BT	1
2:38:42.709	16.00	2239	196	0	1550-3	310-3	BT	1
2:38:43.090	17.20	3439	302	0	2275-1	23-3	BT	1
SUBSYS = 1	TOTAL = 6	MODE C	TOTAL = 4					
2:38:50.979	21.50	923	81	0	0152-3		BT	1
	20.12	947	93	0	0262-1		BT	1
2:38:51.731	22.87	1232	108	0	1271-3	710-3	BT	1
2:38:52.232	16.97	1391	122	0	2275-3	23-3	BT	1
2:38:54.990	15.75	2306	202	0	1550-3	310-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 3					
2:38:22.313	21.37	925	81	0	0152-3		BT	1
	20.12	949	93	0	0000-0		BT	1
2:38:03.944	22.87	1237	108	0	1271-3	710-3	BT	1

11/13/85

TIME	RANGE	ACP	DEG	Q	BEACON	ALT		
2:39:04.322	15.52	1370	120	0	2275-3	23-3	BT	1
2:39:04.700	35.62	1504	140	0	1547-3	100-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 3					
2:39:14.909	21.00	928	81	0	0162-3		BT	1
	20.12	949	93	0	0250-1		BT	1
2:39:15.553	22.87	1239	108	0	1271-3	710-3	BT	1
2:39:16.033	16.25	1354	110	0	2275-3	22-3	BT	1
2:39:16.785	35.00	1599	140	0	1547-3	100-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 3					
2:39:25.927	20.75	932	81	0	0162-3		BT	1
	20.12	946	83	0	0250-1		BT	1
2:39:27.579	22.75	1238	108	0	1271-3	710-3	BT	1
2:39:29.430	15.12	1450	128	0	0000-0		BT	1
2:39:28.905	34.25	1592	139	0	1547-3	100-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 2					
2:39:39.010	20.12	945	83	0	0250-1		BT	1
	20.50	939	92	0	0162-3		BT	1
2:39:39.761	22.75	1239	108	0	1271-3	710-3	BT	1
2:39:40.511	15.75	1449	127	0	2275-1		BT	1
2:39:40.996	33.50	1535	139	0	1547-3	100-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 2					
2:39:51.091	20.12	946	83	0	0000-0		BT	1
	20.37	951	83	0	0162-1		BT	1
2:39:51.843	22.75	1239	108	0	1271-3	710-3	BT	1
2:39:52.219	15.62	1434	126	0	2275-1		BT	1
2:39:52.971	32.87	1579	138	0	1547-3	100-3	BT	1
2:39:57.479	15.62	3191	279	0	2275-1		BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 2					
2:40:03.110	20.12	947	83	0	0000-0		BT	1
	20.37	960	84	0	0162-3		BT	1
2:40:03.965	22.97	1239	108	0	1271-3	710-3	BT	1
2:40:04.239	15.50	1417	124	0	0000-0		BT	1
2:40:09.303	12.12	2705	237	0	1550-3	310-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 2					
2:40:14.940	20.12	945	83	0	0250-1		BT	1
	20.25	959	85	0	0162-3		BT	1
2:40:15.592	22.75	1239	108	0	1271-3	710-3	BT	1
2:40:16.921	31.62	1565	137	0	1547-3	100-3	BT	1
2:40:20.207	11.12	2753	243	0	1550-3	310-3	BT	1
SUBSYS = 1	TOTAL = 5	MODE C	TOTAL = 3					
2:40:27.032	20.12	958	84	0	0250-3		BT	1
	20.25	993	86	0	0162-3		BT	1
2:40:27.783	22.75	1239	108	0	1271-3	710-3	BT	1
2:40:29.035	31.00	1555	136	0	1547-3	100-3	BT	1
SUBSYS = 1	TOTAL = 4	MODE C	TOTAL = 2					
2:40:39.050	20.12	945	83	0	0250-1		BT	1
	20.12	999	86	0	0162-3		BT	1
2:40:39.425	9.25	1100	95	0	1550-3	310-3	BT	1
2:40:39.903	22.75	1239	108	0	1271-3	710-3	BT	1
	15.25	1242	109	0	2275-3	15-3	BT	1
2:40:40.329	30.37	1519	135	0	1547-3	99-3	BT	1
2:40:44.749	8.62	2957	251	0	1550-3	310-3	BT	1
SUBSYS = 1	TOTAL = 7	MODE C	TOTAL = 5					

BEACON TARGET REPORTS						11/12/86		PAGE		5	
	TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA		SYS	
	2:40:51.130	20.12	947	83	0	0250-1		BT		1	
	2:40:51.379	22.75	1238	109	0	1271-3	710-3	BT		1	
	2:40:53.025	29.87	1534	134	0	1547-3	98-3	BT		1	
	2:40:56.764	7.37	2939	253	0	1550-3	310-3	BT		1	
SUBSYS	= 1	TOTAL = 4	MODE C TOTAL = 3								
	2:41:03.203	20.12	947	83	0	0250-3		BT		1	
		20.00	1309	89	0	0162-3		BT		1	
	2:41:03.958	22.75	1238	109	0	1271-3	710-3	BT		1	
	2:41:04.335	15.12	1329	116	0	2225-1		BT		1	
	2:41:04.935	29.50	1521	133	0	1547-3	97-3	BT		1	
	2:41:09.030	6.25	2972	252	0	1550-3	310-3	BT		1	
SUBSYS	= 1	TOTAL = 6	MODE C TOTAL = 3								
	2:41:15.036	20.12	947	83	0	0250-3		BT		1	
	2:41:15.786	5.62	1107	97	0	1550-3	310-3	BT		1	
	2:41:15.162	22.97	1238	109	0	1271-3	710-3	BT		1	
	2:41:15.539	29.12	1529	132	0	1547-3	95-3	BT		1	
SUBSYS	= 1	TOTAL = 4	MODE C TOTAL = 3								
	2:41:27.123	20.12	947	83	0	0250-3		BT		1	
	2:41:27.975	15.12	1139	102	0	2275-3		BT		1	
		22.87	1239	109	0	1271-3	710-3	BT		1	
	2:41:28.629	20.75	1494	131	0	1547-3	94-3	BT		1	
SUBSYS	= 1	TOTAL = 4	MODE C TOTAL = 2								
	2:41:39.153	20.12	949	83	0	0250-3		BT		1	
	2:41:39.908	22.75	1239	109	0	1271-3	710-3	BT		1	
	2:41:40.659	29.50	1491	130	0	1547-3	92-3	BT		1	
	2:41:42.162	5.12	2017	177	0	1550-3		BT		1	
	2:41:45.359	5.37	3351	294	0	1550-3		BT		1	
	2:41:47.109	5.37	3624	319	0	1550-3	310-3	BT		1	
		5.50	3717	326	0	1550-3	310-3	BT		1	
SUBSYS	= 1	TOTAL = 7	MODE C TOTAL = 4								
	2:41:49.992	5.50	??	5	0	1550-3	310-3	BT		1	
	2:41:51.245	20.12	949	83	0	0250-1		BT		1	
	2:41:51.619	19.75	1054	92	0	0162-3		BT		1	
	2:41:51.994	22.75	1239	109	0	1271-3	710-3	BT		1	
	2:41:52.744	29.12	1455	129	0	1547-3	90-3	BT		1	
	2:41:53.973	6.00	1951	162	0	1550-3	310-3	BT		1	
	2:41:58.377	6.37	3429	301	0	1550-3	310-3	BT		1	
	2:41:58.753	6.37	3624	309	0	1550-3	310-3	BT		1	
	2:41:59.129	5.37	3545	320	0	1550-3	310-3	BT		1	
SUBSYS	= 1	TOTAL = 9	MODE C TOTAL = 7								
	2:42:03.324	20.12	947	83	0	0250-1		BT		1	
	2:42:04.076	22.97	1239	109	0	1271-3	710-3	BT		1	
	2:42:04.453	27.87	1450	127	0	1547-3	93-3	BT		1	
	2:42:05.579	7.00	1790	157	0	1550-3	310-3	BT		1	
	2:42:12.714	7.87	56	4	0	1550-1		BT		1	
SUBSYS	= 1	TOTAL = 5	MODE C TOTAL = 3								
	2:42:15.343	20.12	947	83	0	0250-1		BT		1	
	2:42:15.095	22.75	1239	109	0	1271-3	710-3	BT		1	
	2:42:16.845	27.50	1442	126	0	1547-3	85-3	BT		1	
	2:42:17.596	8.37	1794	156	0	1550-3	310-3	BT		1	
SUBSYS	= 1	TOTAL = 4	MODE C TOTAL = 3								
	2:42:27.173	20.12	947	83	0	0260-3		BT		1	
	2:42:29.299	22.87	1237	108	0	1271-3	710-3	BT		1	

BEACON TARGET REPORTS						11/13/36	PAGE 7	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:42:23.575	27.25	1424	125	2	1547-3	83-3	BT	1
2:42:29.801	9.87	1307	159	2	1550-3	312-3	BT	1
2:42:31.302	35.12	2251	199	0	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	4			
2:42:39.257	22.12	947	83	2	0252-3		BT	1
2:42:40.009	22.87	1239	103	0	1271-3	712-3	BT	1
2:42:42.384	26.87	1384	121	0	1547-3		BT	1
2:42:40.758	27.00	1411	124	0	1547-3	80-3	BT	1
2:42:41.999	11.37	1925	150	2	1552-3	312-3	BT	1
2:42:43.394	34.62	2432	219	2	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	6	MODE C	TOTAL =	4			
2:42:51.292	20.12	950	83	0	0262-1		BT	1
2:42:52.234	22.87	1239	109	2	1271-3	712-3	BT	1
2:42:52.795	25.62	1395	121	0	1547-3	77-3	BT	1
2:42:53.912	12.87	1839	161	0	1550-3	309-3	BT	1
2:42:55.954	34.12	2471	217	0	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	4			
2:43:03.367	20.12	951	83	0	0250-1		BT	1
2:43:04.119	22.75	1238	108	0	1271-3		BT	1
2:43:04.194	25.37	1369	120	0	1547-3	74-3	BT	1
2:43:25.995	14.50	1341	161	2	1550-3	309-3	BT	1
2:43:07.972	33.62	2472	217	0	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	3			
2:43:15.515	20.12	947	83	0	0250-3		BT	1
2:43:15.200	22.75	1232	109	2	1271-3	712-3	BT	1
2:43:16.576	25.12	1352	116	0	1547-3	71-3	BT	1
2:43:17.205	16.00	1934	109	2	1550-3		BT	1
2:43:19.205	33.12	2270	199	0	1200-1		BT	1
2:43:13.961	33.00	2454	216	2	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	6	MODE C	TOTAL =	3			
2:43:27.475	20.12	949	83	2	0200-0		BT	1
2:43:23.352	22.75	1237	103	2	1271-3	712-3	BT	1
2:43:31.737	32.52	2453	215	2	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	2			
2:43:40.005	19.25	1163	102	0	0162-3		BT	1
2:43:40.393	22.87	1239	105	0	1271-3	712-3	BT	1
2:43:42.262	19.25	1332	165	0	1550-3	312-3	BT	1
2:43:43.283	32.12	2452	215	2	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	5	MODE C	TOTAL =	3			
2:43:51.353	20.12	949	83	2	0250-1		BT	1
2:43:52.058	19.12	1151	103	2	0162-3		BT	1
2:43:52.465	22.87	1238	108	0	1271-3	712-3	BT	1
2:43:52.465	25.37	1300	114	0	1547-3	83-3	BT	1
2:43:53.967	20.75	1556	165	2	1553-3	312-3	BT	1
2:43:54.469	20.87	1948	171	0	1550-3	312-3	BT	1
2:43:55.972	31.62	2441	214	2	1200-3	74-3	BT	1
SUBSYS = 1	TOTAL =	7	MODE C	TOTAL =	5			
2:44:03.363	20.12	949	83	0	0200-0		BT	1
2:44:04.113	19.12	1193	104	0	0162-3		BT	1
2:44:04.435	22.75	1233	109	2	1271-3	712-3	BT	1
2:44:06.305	25.12	1232	112	0	1547-3	59-3	BT	1
2:44:06.305	22.37	1392	166	0	1550-3	310-3	BT	1

BEACON TARGET REPORTS

11/17/75

TIME	RANGE	AGP	DEG	Q	BEACON	ALT	PAGE QUA	S SYS
2:44:07.996	22.50	1944	170	0	1552-3	310-3	BT	1
SUBSYS = 1	31.12	2441	214	0	1200-3	71-3	BT	1
2:44:15.449	20.12	951	83	0	0260-1		BT	1
2:44:15.203	19.12	1227	125	0	0152-3		BT	1
	22.87	1239	108	0	1271-3		BT	1
	24.87	1257	110	0	1547-3	56-3	BT	1
2:44:16.579	25.00	1231	112	0	1547-3		BT	1
2:44:19.159	24.12	1996	155	0	1552-3	310-3	BT	1
2:44:19.961	30.62	2435	214	0	1200-3	74-3	BT	1
SUBSYS = 1	20.12	948	83	0	0260-1		BT	1
2:44:27.475	22.87	1237	109	0	1271-3	710-3	BT	1
2:44:23.226	19.25	1221	107	0	0152-3		ID BT	1
	24.75	1247	109	0	1547-3	52-3	ID BT	1
2:44:29.790	25.62	1897	166	0	1550-3	310-3	BT	1
2:44:30.540	25.75	1239	170	0	1552-3	310-3	BT	1
2:44:32.044	30.12	2429	213	0	1200-3	74-3	BT	1
SUBSYS = 1	23.12	1235	108	0	1271-3		ID BT	1
2:44:40.310	24.52	1229	108	0	1547-3	49-3	BT	1
	22.87	1239	108	0	1271-3	710-3	BT	1
	19.25	1236	108	0	0162-3		BT	1
2:44:42.439	27.37	1907	167	0	1550-3	310-3	BT	1
2:44:43.555	35.97	2211	195	0	1200-3		BT	1
2:44:43.377	29.62	2423	212	0	1200-3	74-3	BT	1
SUBSYS = 1	24.25	1213	106	0	1547-3	45-3	BT	1
2:44:52.147	22.87	1239	108	0	1271-3	710-3	BT	1
2:44:52.523	29.00	1915	168	0	1550-3	310-3	BT	1
2:44:54.106	29.25	2209	194	0	1200-3	74-3	BT	1
2:44:55.223	35.50	2240	196	0	1200-3		BT	1
2:44:55.532	29.12	2410	211	0	1200-3	74-3	BT	1
SUBSYS = 1	20.12	948	83	0	0000-0		BT	1
2:45:03.486	24.12	1197	105	0	1547-3	42-3	BT	1
2:45:04.236	22.75	1239	108	0	1271-3	710-3	BT	1
2:45:06.489	30.52	1917	168	0	1550-3	310-3	BT	1
2:45:07.241	29.75	2259	199	0	1200-3		BT	1
	35.12	2239	196	0	1200-3		BT	1
2:45:07.615	29.75	2411	211	0	1200-3	74-3	BT	1
SUBSYS = 1	24.00	1176	103	0	1547-3	39-3	BT	1
2:45:16.253	22.75	1239	108	0	1271-3	710-3	BT	1
2:45:15.529	19.37	1273	111	0	0162-3		BT	1
	24.00	1320	114	0	0000-0		BT	1
2:45:19.506	32.37	1909	167	0	1550-3	310-3	BT	1
2:45:19.259	34.62	2244	197	0	1200-3		BT	1
SUBSYS = 1	23.75	1152	102	0	1547-3	36-3	BT	1
2:45:29.334	22.75	1239	108	0	1271-3	710-3	BT	1
2:45:30.599	34.00	1912	168	0	1550-3	310-3	BT	1
2:45:31.341	27.75	2279	220	0	0155-3	74-3	BT	1

SEASON	TARGET REPORTS					11/13/86			PAGE	10
TIME	RANGE	ACP	DEG	Q	BEACON	ALT		QUA	SYS	
2:47:39.863	20.12	950	83	0	0002-0			BT	1	
	21.00	992	95	0	1547-3	20-3		BT	1	
2:47:40.519	22.75	1237	109	0	1271-3	710-3		BT	1	
2:47:41.371	20.50	1421	124	0	0162-3			BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2								
2:47:51.399	20.12	951	83	0	0250-3			BT	1	
	23.87	959	95	0	1547-3	13-3		BT	1	
2:47:52.639	22.75	1239	108	0	1271-3	710-3		BT	1	
2:47:53.390	20.37	1433	125	0	0162-3			BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2								
2:48:03.974	20.12	944	82	0	0250-1			BT	1	
	23.75	957	84	0	1547-3	17-3		BT	1	
2:48:04.725	22.87	1237	109	0	1271-3	710-3		BT	1	
2:48:05.476	20.12	1440	126	0	0152-3			BT	1	
2:48:07.484	29.25	2199	192	0	1200-3			BT	1	
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 2								
2:48:15.751	23.62	917	83	0	1547-3	17-3		BT	1	
2:48:15.990	22.75	1239	109	0	1271-3	710-3		BT	1	
2:48:17.255	19.75	1446	127	0	0162-3			BT	1	
2:48:19.885	21.12	2271	199	0	0165-3	74-3		BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 3								
2:48:27.793	20.12	946	83	0	0250-3			BT	1	
	23.37	936	82	0	1547-3	16-3		BT	1	
2:48:29.912	22.75	1238	108	0	1271-3	710-3		BT	1	
2:48:29.293	13.52	1451	127	0	0152-3			BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2								
2:48:39.495	23.25	790	69	0	1547-3			BT	1	
2:48:39.970	23.12	927	81	0	1547-3	15-3		BT	1	
2:48:40.520	22.97	1232	109	0	1271-3	710-3		BT	1	
2:48:43.624	29.12	2151	189	0	1200-3			BT	1	
2:48:44.000	29.12	2290	200	0	1200-3			BT	1	
SUBSYS = 1	TOTAL = 5	MODE C TOTAL = 2								
2:48:51.575	22.87	793	69	0	0002-0			BT	1	
2:48:51.950	22.87	920	80	0	1547-3	15-3		BT	1	
	20.12	951	83	0	0260-1			BT	1	
2:48:52.704	22.75	1237	109	0	1271-3	710-3		BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2								
2:48:03.973	22.50	915	80	0	1547-3	14-3		BT	1	
	20.12	917	83	0	0252-1			BT	1	
2:48:04.724	22.75	1239	109	0	1271-3	710-3		BT	1	
2:48:05.475	19.50	1466	129	0	0162-3			BT	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2								
2:48:15.585	22.12	795	69	0	0002-0			BT	1	
2:48:16.059	22.12	919	80	0	1547-3	12-3		BT	1	
	20.12	948	83	0	0260-1			BT	1	
2:48:16.910	22.87	1237	108	0	1271-3	710-3		BT	1	
2:48:19.628	27.00	2195	192	0	1200-3			BT	1	
	27.00	2229	195	0	1200-3			BT	1	
SUBSYS = 1	TOTAL = 6	MODE C TOTAL = 2								
2:48:27.516	21.75	798	69	0	0002-0			BT	1	
2:48:27.992	22.00	919	83	0	0002-0			BT	1	
	21.75	921	80	0	1547-3	11-3		BT	1	
2:48:29.019	22.75	1238	108	0	1271-3	710-3		BT	1	

STATION REPORTS		11/14/86		Page 11				
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:49:29.393	17.87	1150	129	0	2152-3		BT	1
2:49:31.551	25.62	2132	191	0	1200-3		BT	1
	25.62	2229	195	0	0000-0		BT	1
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 2								
2:49:39.549	21.37	791	59	0	0000-0		BT	1
2:49:39.995	20.12	946	93	0	2260-3		BT	1
	21.37	926	81	0	1547-3		BT	1
2:49:40.738	22.75	1238	108	0	1271-3	710-3	BT	1
2:49:43.369	19.12	2037	183	0	2133-3		BT	1
	25.25	2113	196	0	1200-3		BT	1
2:49:43.746	18.12	2204	193	0	0166-3	72-3	BT	1
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 2								
2:49:52.025	21.12	928	81	0	1547-3	7-3	BT	1
	20.12	949	83	0	2002-0		BT	1
2:49:52.394	22.75	1238	108	0	1221-3	710-3	BT	1
2:49:55.766	17.75	2200	193	0	0166-3	70-3	BT	1
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3								

11/18/88

PAGE 1

	STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
SUBSYS	2:32:02.521	34.75	1059	93	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:32:25.105	35.75	644	56	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:33:17.215	9.62	2014	177	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:33:03.293	11.87	1233	109	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:33:15.739	11.87	1333	117	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:33:29.200	12.12	1434	126	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:37:52.173	19.87	1455	128	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:38:15.146	16.12	1052	92	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:38:29.361	17.97	1119	124	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:39:42.709	16.25	2242	197	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:42:23.863	15.37	1294	113	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:40:39.903	15.12	1242	109	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:40:44.749	9.75	2956	251	7			RT	1
	= 1 TOTAL =	2							
SUBSYS	2:43:05.995	14.97	1954	162	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:43:40.005	19.12	1169	102	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:43:52.039	19.25	1193	103	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:44:19.210	24.50	2209	194	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:45:19.822	28.25	2406	211	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:45:31.716	27.52	2401	211	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:45:40.162	23.62	1144	100	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:45:43.569	27.12	2394	210	7			RT	1
	= 1 TOTAL =	2							
SUBSYS	2:49:07.725	25.12	2331	209	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:49:19.756	25.62	2373	209	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:47:07.485	31.12	2129	193	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:47:43.250	29.97	2135	192	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:47:43.625	22.37	2316	203	7			RT	1
	= 1 TOTAL =	2							
SUBSYS	2:49:07.484	29.12	2172	190	7			RT	1
	= 1 TOTAL =	1							
SUBSYS	2:49:19.995	21.37	2294	200	7			RT	1
	= 1 TOTAL =	1							

11/18/65

PAGE

1

TIME	RANGE	ACP	DEG	Q	BEACON	ALT	RT	SYS
2:49:43.369	26.12	2129	187	7			RT	1
2:49:43.746	19.25	2201	193	7			RT	1
SUBSYS = 1 TOTAL =		2						

INTEGRATING DATA		11/15/50																		SYS. CLS	
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HEG	SPD	ADS. C.				
2:32:20.269		0165	0165	47	36	2323	195	10.07	-3.14	-9.75	197	10.25	149	42	74	155		1	NRM		
	-3.17	-9.84																			
2:32:20.235		0152	0152	47		924	81	31.75	31.65	4.59	61	32.69	-36	83	320	108		1	NRM		
	31.59	4.55																			
2:32:20.554		1200	1200	27	17	1072	94	34.62	34.42	-2.10	93	34.54	101	-129	137	149		1	PAR		
	34.19	-2.23																			
2:32:10.023		1271	1271	47	710	1235	108	22.78	21.53	-7.29	108	22.79	3	8	22	9		1	NRM		
	21.57	-7.23																			
2:32:11.314	TOTEM71-0144	4371	4371	47	155	1592	159	31.45	20.15	-23.37	139	30.94	36	-205	170	208	UAR N	1	NRM		
	20.09	-23.39																			
SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 4																	
2:32:13.235		0165	0165	47		2194	192	9.76	-2.64	-9.54	195	9.98	149	46	72	157		1	NRM		
	-2.67	-9.67																			
2:32:20.130	JL1623	-0057	1550	47	349	642	56	35.58	30.73	20.81	55	37.33	-331	-355	222	485	UAR N	1	NRM		
	30.76	20.92																			
2:32:21.354		0162	0162	47		918	80	31.55	31.37	4.79	61	31.83	-69	31	315	107		1	NRM		
	31.35	4.82																			
2:32:21.630		1200	1200	37	17	1076	94	35.20	34.78	-2.45	94	34.94	125	-93	126	157		1	NRM		
	34.57	-2.51																			
2:32:22.670		1271	1271	47	710	1235	108	22.75	21.53	-7.32	108	22.62	0	6	7	6		1	NRM		
	21.56	-7.26																			
2:32:23.195	TOTEM71-0144	4371	4371	47	158	1500	140	32.07	20.23	-24.12	140	31.60	37	-206	169	210	UAR N	1	NRM		
	20.21	-24.09																			
SUBSYS = 1		TOTAL = 6		MODE C TOTAL = 4																	
2:32:25.146		0165	0165	47		2162	190	9.50	-2.12	-9.50	192	9.71	150	47	72	153		1	NRM		
	-2.17	-9.51																			
2:32:32.552	JL1623	-0057	1550	47	349	550	57	34.02	29.73	19.30	56	35.61	-327	-359	222	485	UAR N	1	NRM		
	29.70	19.60																			
2:32:33.405		0162	0162	47		915	80	31.31	31.09	5.20	80	31.53	-74	75	315	105		1	NRM		
	31.09	5.06																			
2:32:33.777		1200	1200	47	15	1081	95	35.73	35.25	-2.35	94	35.46	134	-92	124	164		1	NRM		
	35.14	-2.32																			
2:32:34.172		1271	1271	47	710	1234	108	22.83	21.65	-7.32	108	22.91	8	3	66	3		1	NRM		
	21.60	-7.26																			
2:32:35.303	TOTEM71-0144	4371	4371	47	150	1507	141	32.69	20.32	-24.35	140	32.25	35	-208	170	212	UAR N	1	NRM		
	20.34	-24.79																			
SUBSYS = 1		TOTAL = 6		MODE C TOTAL = 4																	
2:32:35.797		0165	0165	47		2129	187	9.27	-1.64	-9.34	189	9.50	151	47	72	158		1	NRM		
	-1.65	-9.35																			
2:32:44.751	JL1623	-0057	1550	47	349	559	57	32.45	29.57	13.42	57	34.16	-328	-359	222	485	UAR N	1	NRM		
	29.59	18.42																			
2:32:45.493		0162	0162	47		903	79	31.03	30.79	5.18	80	31.31	-80	68	310	105		1	NRM		
	30.81	5.25																			
2:32:45.533		1271	1271	47	710	1234	108	22.82	21.53	-7.29	108	22.79	5	2	63	5		1	NRM		
	21.52	-7.26																			
2:32:47.351	TOTEM71-0144	4371	4371	47	104	1614	141	33.32	20.42	-25.59	141	32.91	31	-211	171	214	UAR N	1	NRM		
	20.43	-25.51																			
2:32:47.747		2275	2275	47	83	1704	149	35.53	13.06	-31.56	150	36.50	-49	259	249	264		1	NRM		
	18.04	-31.62																			
SUBSYS = 1		TOTAL = 6		MODE C TOTAL = 4																	
2:32:48.873		0165	0165	47	31	2203	193	9.06	-1.07	-2.17	195	9.26	153	47	72	160		1	NRM		
	-1.14	-9.13																			
2:32:55.772	JL1623	-0057	1550	47	349	556	58	30.89	27.48	17.34	57	32.64	-332	-352	222	483	UAR N	1	NRM		

TIME	ACID/SX	ABC/SY	RPG	FRM	RALT	PACP	PDEG	PRAN	RK	RY	DDEZ	DRAN	XV	YV	HQD	SPD	APS	C	SYS	CLS	
2:32:57.535	27.15	17.25																			
	0162	0162	47		902	79	30.78	32.50	5.43	79	31.05	-82	53	309	105				1	NRM	
2:32:58.265	30.53	5.48																			
	1271	1271	47	710	1236	108	22.89	21.64	-7.35	108	22.91	7	-5	123	9				1	NRM	
2:32:59.105	21.55	-7.22	TOTEM71-0144	4371	4371	47	137	1323	142	33.92	20.45	-26.37	142	33.56	23	-215	173	219	UAR N	1	NRM
2:32:59.779	20.48	-26.26																			
	2275	2275	47	91	1599	149	34.71	17.82	-30.68	149	35.54	-53	260	348	265				1	NPM	
SUBSYS = 1	17.95	-30.75	TOTAL = 5	MODE C TOTAL = 5																	
2:33:00.892	0165	0165	47	29	2057	180	8.83	-6.00	-9.26	183	9.02	152	52	71	161				1	NPM	
2:33:03.524	JL1628	-0057	1550	1550	47	347	573	59	29.33	23.37	13.23	59	30.96	-330	-355	222	494	UAR N	1	NPM	
2:33:03.365	0162	0162	47		996	79	30.62	30.31	5.78	79	32.90	-77	72	313	106				1	NEM	
2:33:10.131	1271	1271	47	710	1239	108	22.86	21.53	-7.32	108	22.82	1	-9	173	9				1	NRM	
2:33:11.430	21.54	-7.34	TOTEM71-0144	4371	4371	47	170	1529	143	34.58	20.52	-27.21	142	34.19	27	-216	172	219	UAR N	1	NRM
2:33:11.523	20.59	-26.98																			
	2275	2275	47	79	1596	149	33.86	17.53	-29.98	149	34.29	-65	255	345	263				1	NRM	
SUBSYS = 1	17.60	-29.90	TOTAL = 6	MODE C TOTAL = 5																	
2:33:12.744	0165	0165	47	29	2019	177	8.70	-0.07	-8.87	180	8.64	154	48	72	161				1	NEM	
2:33:20.539	JL1628	-0057	1550	1550	47	346	539	60	27.80	25.32	14.35	59	29.42	-327	-337	222	434	UAR N	1	NRM	
2:33:21.394	0162	0162	47		899	79	30.42	30.00	6.20	79	32.62	-76	76	314	107				1	NRM	
2:33:22.152	1271	1271	47	710	1239	108	22.79	21.51	-7.35	108	22.79	-3	-9	223	12				1	NEM	
2:33:23.253	21.57	-7.37	TOTEM71-0144	4371	4371	47	172	1537	143	35.22	20.65	-27.79	143	34.23	25	-219	173	220	UAR N	1	NRM
2:33:23.549	20.37	-27.71																			
	2275	2275	47	70	1520	143	33.03	17.42	-29.74	143	33.95	-63	256	340	253				1	NRM	
SUBSYS = 1	17.39	-29.26	TOTAL = 6	MODE C TOTAL = 5																	
2:33:24.132	0165	0165	47	23	1979	173	8.50	.37	-3.23	177	8.74	154	45	73	160				1	NRM	
2:33:32.752	JL1628	-0057	1550	15																	

INBOUND DATA														11/15/80		PAGE									
TIME	ACID/SX	ABC/SX	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEZ	DRAN	XV	YV	HDQ	SPD	ADS	C	SYS	CLS					
2:33:45.097		0162	0162	47		976	76	30.26	29.53	6.48	77	30.21	-75	74	314	105			1	NRM					
	29.53	6.51																							
2:33:45.339		1271	1271	47	712	1242	108	22.85	21.65	-7.32	103	22.91	3	-7	182	7			1	NRM					
	21.59	-7.42																							
2:33:47.738		2275	2275	47	68	1621	147	31.33	16.92	-27.45	148	32.36	-63	250	314	259			1	NRM					
	16.95	-27.39																							
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 1																									
2:33:43.490		0155	0165	47	26	1334	166	8.46	1.43	-3.35	172	3.52	156	43	72	163			1	NRM					
	1.45	-3.35																							
2:33:53.339	JL1623	-0057	1550	1550	47	340	731	64	23.21	21.92	11.20	62	24.48	-332	-359	222	427	UAR	N	1	NRM				
	22.21	11.25																							
2:33:57.197		0162	0162	47		370	76	29.32	29.21	6.75	77	29.92	-79	72	312	107			1	NRM					
	29.26	6.75																							
2:33:53.395		1271	1271	47	712	1240	108	22.99	21.64	-7.35	103	22.91	3	-5	146	6			1	NRM					
	21.62	-7.43																							
2:33:59.341		2275	2275	47	65	1575	147	30.59	16.73	-26.54	147	31.63	-63	249	345	256			1	NRM					
	16.73	-26.50																							
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 1																									
2:34:00.214		0155	0165	47	25	1333	162	8.43	1.93	-9.23	135	3.42	156	46	72	162			1	NRM					
	1.96	-8.25																							
2:34:03.572	JL1623	-0057	1550	1550	47	338	753	65	21.67	21.85	9.36	64	23.09	-331	-351	222	427	UAR	N	1	NRM				
	20.90	13.24																							
2:34:03.227		0152	0162	47		954	75	22.57	29.00	5.35	76	29.64	-84	63	303	129			1	NRM					
	29.96	6.95																							
2:34:10.372		1271	1271	47		1242	108	22.85	21.53	-7.32	103	22.80	3	-2	175	2			1	NRM					
	21.60	-7.43																							
2:34:11.339		2275	2275	47	63	1370	146	29.78	16.52	-25.72	147	32.75	-69	246	344	255			1	NRM					
	13.51	-25.75																							
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																									
2:34:12.217		0155	0165	47		1913	159	9.52	2.40	-6.14	163	8.49	154	43	74	160			1	NRM					
	2.43	-5.10																							
2:34:20.592	JL1623	-0057	1550	1550	47	336	772	67	22.14	19.67	9.64	63	21.50	-333	-358	222	426	UAR	N	1	NRM				
	19.73	6.73																							
2:34:21.045		0162	0162	47		959	75	29.29	29.60	7.10	76	29.37	-89	62	304	109			1	NRM					
	29.55	7.15																							
2:34:22.139		1271	1271	47	712	1240	108	22.79	21.53	-7.32	103	22.92	-5	6	272	5			1	NRM					
	21.56	-7.42																							
2:34:23.683		2275	2275	47	50	1505	145	28.94	16.21	-24.23	145	29.93	-73	245	343	256			1	NRM					
	16.25	-24.22																							
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																									
2:34:24.043		0155	0165	47	23	1775	150	8.56	2.87	-7.26	162	3.52	151	43	74	157			1	NRM					
	2.96	-7.96																							
2:34:33.075	JL1623	-0057	1550	1550	47	334	801	70	19.39	18.70	7.42	63	22.16	-327	-375	222	520	UAR	N	1	NRM				
	13.72	7.50																							
2:34:33.075		0162	0162	47		855	75	28.92	23.21	7.15	75	23.33	-100	45	294	110			1	NRM					
	26.28	7.25																							
2:34:33.454		0250	0260	22		934	32	21.21	22.01	3.15	91	22.31	-82	-53	234	101			1	NRM					
	22.21	3.15																							
2:34:34.051		1271	1271	47	712	1239	108	22.75	21.51	-7.35	102	22.73	-6	4	305	7			1	NRM					
	21.54	-7.39																							
2:34:35.773		0155	0155	47		1737	132	8.62	3.35	-7.79	156	2.52	147	47	72	155			1	NRM					
	3.43	-7.79																							
2:34:35.780		2275	2275	47	57	1553	145	28.19	15.14	-24.23	145	29.28	-65	243	344	252			1	NRM					

TIME	ACID/SY	ABC/SY	REC	ERM	RALT	PACP	PDE2	PRAN	RX	RY	DDE3	DRAN	XV	YV	HDG	STD	ADS	C	SYS	CIS
11/13/85																				
15.25 -24.12																				
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 4																				
2:34:45.151	JL1628	-0257	1550	1550	47	332	934	73	17.24	17.56	6.15	70	13.65	-327	-379	220	502	UAR	N	1 NEM
17.50 6.21																				
2:34:45.154			0152	0152	47		354	75	29.47	27.95	7.26	75	28.66	-110		19	280	112		1 NRM
27.99 7.25																				
2:34:45.540			0260		21		939	82	21.51	21.70	3.20	82	21.96	-82		-58	234	101		1 NEM
21.70 3.00																				
2:34:45.749			1271	1271	47	710	1239	108	22.73	21.53	-7.32	108	22.80	-5		7	325	8		1 NEM
21.53 -7.35																				
2:34:47.435			2275	2275	47	55	1351	145	27.42	15.90	-23.34	145	29.41	-51		213	345	252		1 NEM
15.37 -23.31																				
2:34:47.791			0155	0155	47	24	1722	149	8.63	3.79	-7.50	151	9.43	142		52	60	152		1 NEM
3.92 -7.60																				
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4																				
2:34:57.250	JL1628	-0057	1550	1550	47	332	972	76	15.92	16.64	4.95	73	17.37	-323	-382	219	501	UAR	N	1 NRM
16.55 4.33																				
2:34:57.251			0162	0162	47		957	75	29.03	27.50	5.92	75	29.27	-114		-9	265	115		1 NEM
27.50 7.12																				
2:34:57.533			0260	0260	23		934	82	21.32	21.39	3.09	81	21.38	-84		-35	247	91		1 NEM
21.40 3.23																				
2:34:59.390			1271	1271	47	710	1236	108	22.77	21.64	-7.35	109	22.91			9	12	8		1 NEM
21.56 -7.32																				
2:34:59.500			2275	2275	47	52	1643	144	26.66	15.71	-22.51	145	27.65	-57		213	346	249		1 NRM
15.59 -22.52																				
2:34:59.933			0155	0155	47		1564	146	3.64	4.23	-7.35	150	9.49	136		50	66	119		1 NRM
4.32 -7.32																				
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 3																				
2:35:09.271	JL1628	-0257	1550	1550	47	327	917	80	14.54	15.54	3.21	75	15.91	-312	-391	219	493	UAR	N	1 NRM
15.50 3.57																				
2:35:09.273			0152	0152	47		863	75	22.60	22.13	6.57	75	27.99	-110		-13	243	119		1 NEM
27.14 6.57																				
2:35:09.543			0250		22		937	82	21.03	21.12	3.30	82	21.39	-84		-35	247	91		1 NEM
21.12 2.32																				
2:35:10.525			1271	1271	47	710	1235	108	22.84	21.65	-7.32	109	22.91			9	6	53	11	1 NEM
21.60 -7.31																				
2:35:11.520			2275	2275	47	49	1534	143	25.92	15.56	-21.75	144	26.91	-53		212	347	247		1 NRM
15.53 -21.70																				
2:35:11.906			0155	0155	47		1529	143	8.73	4.70	-7.21	145	9.65	134		59	66	146		1 NEM
4.73 -7.18																				
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																				
2:35:21.593			0162	0162	47		957	76	27.19	25.70	6.54	73	27.40	-109		-55	243	121		1 NRM
26.76 6.63																				
2:35:21.790	JL1628	-0257	1550	1550	47	325	970	95	13.49	14.54	2.40	80	14.79	-313	-393	219	497	UAR	N	1 NEM
14.45 2.37																				
2:35:21.731			0250	0250	24		939	82	20.92	21.24	2.35	82	21.31	-70		-31	245	77		1 NRM
20.98 2.82																				
2:35:22.505			1271	1271	47	710	1235	108	22.82	21.53	-7.32	109	22.80			5	7	34	8	1 NEM
21.50 -7.23																				
2:35:23.627			0155	0155	47	23	1597	140	8.97	5.15	-7.24	143	9.79	132		55	57	144		1 NEM
5.20 -7.21																				
2:35:23.636			2275	2275	47	45	1626	142	25.19	15.39	-20.95	143	26.15	-51		211	340	216		1 NEM
15.35 -20.90																				

TIME		ACID/SX	ARG/SX	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	PDEG	DRAN	XV	YV	HDG	SPD	AUS	G	SYS	CIS
2:36:53.321			2155	2165	47	12	1346	113	10.24	3.59	-5.27	122	12.72	122	36	54	150			1	NFM
		8.30	-5.14																		
2:36:53.351	JL1523	-2257	1550	1550	47	312	1684	149	14.43	9.31	-12.45	141	13.43	-223	-535	203	553	UAR	N	1	NFM
		8.37	-10.55																		
2:36:53.335			2275	2275	47	29	1523	133	20.03	14.51	-14.32	135	22.64	-17	227	355	223			1	NFM
		14.48	-14.65																		
SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 4																	
2:37:09.341			0152	0162	47		939	79	24.03	24.00	4.34	73	24.50	-92	-53	249	196			1	NFM
		23.30	4.75																		
2:37:09.346			0250	0250	37		944	82	23.25	20.21	2.45	83	22.44	-1	-6	191	6			1	NFM
		22.12	2.45																		
2:37:10.390			1271	1271	47	713	1239	109	22.99	21.64	-7.35	103	22.91	10	-2	105	12			1	NFM
		21.52	-7.39																		
2:37:11.309			0155	0165	47	19	1317	115	10.45	9.04	-4.31	113	12.21	122	97	54	151			1	NFM
		9.31	-4.94																		
2:37:11.450			2275	2275	47	29	1537	132	19.49	14.42	-14.03	134	22.62	-18	223	355	225			1	NFM
		14.42	-13.32																		
2:37:12.132	JL1523	-0357	1550	1550	47	310	1754	154	15.23	7.37	-11.39	143	14.44	-247	-437	226	543	UAR	N	1	NFM
		7.45	-12.14																		
SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 4																	
2:37:21.352			0152	0162	47		923	73	23.77	23.70	4.50	73	24.20	-95	-54	277	102			1	NFM
		23.54	4.56																		
2:37:21.352			0250	0250	47		945	83	20.34	20.21	2.42	83	20.43	9	-9	132	12			1	NFM
		20.17	2.43																		
2:37:22.722			1271	1271	47	710	1237	109	22.92	21.53	-7.32	103	22.82	6	2	82	6			1	NFM
		21.54	-7.37																		
2:37:23.236			0165	0165	47	19	1292	113	10.82	9.56	-4.50	115	10.52	129	82	59	153			1	NFM
		9.43	-4.59																		
2:37:23.455			2275	2275	47	29	1439	132	19.06	14.50	-13.32	132	12.71	-7	215	353	212			1	NFM
		14.42	-13.21																		
2:37:24.212	JL1523	-0257	1550	1550	35	310	1915	159	15.84	6.34	-13.17	154	14.52	-281	-426	213	513	UAR	N	1	NFM
		3.13	-13.42																		
SUBSYS = 1		TOTAL = 5		MODE C TOTAL = 4																	
2:37:33.935			0000		14		1013	89	35.89	36.01	.42	89	35.32	-40	45	319	51			1	NFM
		36.01	.42																		
2:37:33.927			0152	0162	47		905	79	23.47	23.43	4.50	79	23.99	-85	-49	240	98			1	NFM
		23.35	4.42																		
2:37:33.989			0250	0250	47		949	83	20.30	20.10	2.34	83	20.31	2	-14	169	14			1	NFM
		22.15	2.37																		
2:37:34.782			1271	1271	47	710	1235	109	22.85	21.53	-7.32	103	22.80	2	5	27	6			1	NFM
		21.52	-7.34																		
2:37:35.122			0165	0165	47	19	1269	111	11.14	9.96	-4.34	113	10.89	132	78	59	154			1	NFM
		9.92	-4.32																		
2:37:35.491			2275	2275	47	27	1470	129	13.71	14.54	-12.78	131	19.39	3	210	0	209			1	NFM
		14.46	-12.54																		
SUBSYS = 1		TOTAL = 6		MODE C TOTAL = 3																	
2:37:35.342	JL1523	-0257	1550	1550	45	312	1922	165	16.37	4.98	-14.26	160	15.15	-331	-392	220	597	UAR	N	1	NFM
		5.21	-14.55																		
2:37:45.911			0152	0162	47		912	79	23.19	23.12	4.15	72	23.54	-81	-55	235	99			1	NFM
		23.13	4.20																		
2:37:45.914			0250	0250	47		951	83	20.25	20.10	2.25	83	20.30	-1	-16	186	16			1	NFM
		20.14	2.31																		
2:37:45.572			0155	0165	47	17	1243	109	11.54	12.43	-4.19	111	11.27	137	69	63	153			1	NFM

PACKAGING DATA										11/19/85										PAGE 2									
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PAGE	PDE3	PRAN	RX	RY	DDE3	DRAN	XV	YV	HD3	SPD	ADS	C	SYS	CLS									
2:37:45.577	10.40	-4.12	1271	1271	47	710	1235	109	22.79	21.51	-7.35	109	22.79	-5	7	324	8		1	NRM									
2:37:47.326	21.53	-7.32	2275	2275	47	26	1436	127	19.23	14.35	-12.23	132	15.92	-5	199	358	199		1	NRM									
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4																													
2:37:49.454	14.42	-11.92	JL1629	-0257	1550	1550	47	311	1959	172	16.71	3.12	-15.17	163	15.49	-425	-323	231	521	UAR N									
2:37:52.923	3.64	-15.48	0162	0162	47		912	90	22.95	22.75	4.27	79	23.16	-85	-50	230	190		1	NRM									
2:37:57.231	22.79	4.03	0260	0260	47		953	93	20.23	20.10	2.25	93	20.30	-2	-16	199	16		1	NRM									
2:37:59.521	23.12	2.25	0165	0165	47	16	1229	109	11.89	10.79	-3.25	110	11.53	136	67	63	151		1	NRM									
2:37:59.594	10.94	-3.90	1271	1271	47	710	1235	109	22.74	21.53	-7.22	109	22.79	-6	6	313	9		1	NRM									
2:37:59.521	21.55	-7.29	2275	2275	47	25	1440	126	17.94	14.43	-11.54	129	19.57	-3	190	358	120		1	NRM									
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4																													
2:38:02.909	14.42	-11.31	JL1629	-0257	1550	1550	35	311	2030	178	16.90	1.79	-15.76	173	15.92	-458	-241	242	516	UAR N									
2:38:03.012	2.82	-16.29	0162	0162	47		915	90	22.53	22.51	3.93	90	22.91	-87	-47	241	99		1	NRM									
2:38:09.914	22.52	3.30	0260	0260	47		953	93	20.12	19.98	2.23	93	20.17	-12	-14	221	19		1	NRM									
2:38:10.369	20.04	2.21	0165	0165	47		1213	106	12.27	11.25	-3.79	109	11.89	136	61	65	149		1	NRM									
2:38:10.575	11.29	-3.71	1271	1271	47	710	1236	109	22.72	21.53	-7.32	109	22.80	-8	3	293	9		1	NRM									
2:38:11.139	21.53	-7.29	2275	2275	47	24	1423	125	17.60	14.42	-10.95	127	18.22	-3	192	359	192		1	NRM									
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 3																													
2:38:12.916	14.42	-10.23	JL1629	-0257	1550	1550	35	310	2100	194	16.90	.15	-15.00	179	15.95	-401	-145	253	513	UAR N									
2:38:22.005	.29	-15.35	0162	0162	47		915	90	22.19	22.15	3.94	90	22.53	-90	-42	245	92		1	NRM									
2:38:22.026	22.18	3.79	0260	0260	45		955	83	20.07	20.00	2.17	93	20.18	-12	-14	221	19		1	PAR									
2:38:22.272	20.00	2.17	0260	0260	11		947	93	20.09	.00	.20			-9	16	329	10		1	ET									
2:38:22.211	19.93	2.35	0162	0162	11		955	83	20.32	.00	.																		

INCREASING DATA

11/15/50

TIME	ACID/SX	ABC/SY	RBC	FRM	HALT	PAGE	PDE3	PRAN	RX	RY	DDE3	DRAN	XV	YV	HDC	SPD	ADS	C	SYS	CIS
2:38:31.225	19.02	0250	0250	47		951	83	19.99	19.95	2.49	82	20.17	-17	-5	253	19			1	NFM
2:38:34.777	12.18	0155	0165	47		1196	104	13.05	12.12	-3.45	105	12.60	134	51	69	111			1	NFM
2:38:34.793	21.43	1271	1271	47	710	1237	109	22.57	21.53	-7.32	109	22.82	-7	-2	269	7			1	NFM
2:38:35.536	14.10	2275	2275	47	23	1393	122	17.46	14.37	-9.95	124	17.59	-3	153	258	163			1	NFM
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																				
2:38:37.411	-3.14	1552	1552	47	310	2235	195	17.00	-3.10	-15.91	191	16.12	-510	-9	269	512	UAR N		1	NFM
2:38:45.310	21.59	0132	0162	47		921	83	21.57	21.57	3.50	90	21.92	-89	-41	244	98			1	NFM
2:38:45.321	19.97	0250	0250	47		949	83	19.96	19.98	2.32	83	20.19	-14	2	272	14			1	NFM
2:38:46.939	12.59	0165	0165	47	13	1173	103	13.39	12.45	-3.25	104	12.83	129	53	67	139			1	NFM
2:38:46.942	21.46	1271	1271	47	710	1239	103	22.57	21.53	-7.32	109	22.90	-5	-1	251	5			1	NFM
2:38:47.227	14.35	2275	2275	47	23	1379	121	16.75	14.31	-9.37	123	17.19	-9	156	356	157			1	NFM
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 4																				
2:38:49.997	-4.71	1552	1552	35	310	2303	202	16.66	-4.60	-15.31	192	16.22	-429	22	280	492	UAR N		1	NFM
2:38:57.955	21.29	0152	0152	47		925	91	21.23	21.23	3.31	91	21.55	-92	-44	243	100			1	NFM
2:38:57.969	19.95	0250		47		947	83	19.95	19.96	2.35	83	20.17	-10	9	300	13			1	NFM
2:38:59.721	13.03	0165		45		1150	101	13.76	13.03	-3.04	103	13.35	129	53	67	139			1	PAR
2:38:59.737	12.91	0155	0155	11	13	1217	129	13.50	.00	.00			10	-135	175	139			1	FE
2:38:59.739	11.79	0135	0155	11	13	1139	130	11.99	.00	.00			-90	125	310	139			1	IT
2:38:59.714	21.50	1271	1271	47	710	1240	102	22.75	21.54	-7.42	103	22.92	1	-10	171	10			1	NFM
2:38:59.117	14.23	2275	2275	47	23	1393	120	16.46	14.26	-9.90	122	16.93	-14	147	354	149			1	NFM
2:38:52.932	22.75	1547	1547	47		1502	143	35.60	22.71	-29.39	141	36.54	-03	214	339	230			1	NFM
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 5																				
2:39:21.725	-6.19	1552	1552	35	310	2371	209	16.21	-6.06	-11.53	202	15.77	-459	137	292	497	UAR N		1	NFM
2:39:39.992	21.01	0152	0162	47		929	91	20.95	21.12	3.21	81	21.43	-96	-45	241	97			1	NFM
2:39:29.994	19.81	0250		45		945	83	19.92	19.91	2.34	83	20.21	-10	9	300	13			1	PAP
2:39:39.996	19.93	0152-1627	0250		11	945	83	20.09	.00	.00			4	12	19	13			1	PT
2:39:29.990	19.79	0152-1624	0260		11	951	83	19.90	.00	.00			-10	-7	237	13			1	IT
2:39:12.736	13.15	0165		42		1149	100	14.14	13.45	-2.95	101	13.75	129	53	67	139			1	PAR

[illegible]

TIME	ACID/SX	AEQ/SY	REG	FRM	RAIT	PACP	PREG	PRAN	RK	RY	DDAI	DRAN	YV	EDG	SFD	ADG	C	SYS	CIS	
2:39:47.355		2275	47	21	1337	114	15.50	14.09	-7.01	113	15.39	-12	132	352	134			1	NPM	
	14.12	-5.95																		
2:39:48.136		1547	1547	47	100	1591	139	32.92	21.79	-25.42	139	33.57	-66	216	347	226		1	NPM	
	21.76	-25.46																		
SUBSYS = 1	TOTAL = 7	MODE C TOTAL = 4																		
2:39:50.737		0000	05		2513	220	14.50	-9.50	-10.93	220	14.51	0	0	45	0			1	NPM	
	-9.50	-12.93																		
2:39:51.112	JL1629	-0057	1550	1550	47	310	2656	233	14.09	-9.85	-9.56	225	13.67	-275	413	326	409	UAP N	1	NPM
	-12.39	-9.76																		
2:39:53.257		0162		47	954	83	20.00	20.23	2.25	83	20.47	-59	-74	219	96			1	NPM	
	22.09	2.39																		
2:39:53.259		0260		46	942	82	20.14	19.95	2.49	82	20.17	9	9	43	13			1	NPM	
	19.95	2.49																		
2:39:53.231	0162-1517	0260		11	949	83	20.13	.00	.27				5	-10	151	12		1	FT	
	20.20	2.34																		
2:39:53.263	0162-1520	0260		11	947	82	19.98	.00	.20				-11	5	205	12		1	IT	
	19.91	2.50																		
2:39:53.997		1271	1271	47	710	1237	109	22.86	21.51	-7.35	109	22.79	1	4	10	4		1	NPM	
	21.54	-7.35																		
2:39:59.375		2275	2275	47	20	1290	113	15.33	14.14	-5.60	113	15.59	-11	130	355	131		1	NPM	
	14.10	-5.53																		
2:39:59.753		0020		22	1420	124	15.36	12.62	-9.19	125	15.71	7	116	3	115			1	NPM	
	12.62	-9.19																		
2:40:00.130		1547	1547	47	100	1572	139	32.17	21.70	-21.69	139	32.92	-54	220	346	226		1	NPM	
	21.52	-21.71																		
SUBSYS = 1	TOTAL = 10	MODE C TOTAL = 4																		
2:40:02.754		0000	05																	

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PAGE	PDE3	PRAN	RX	RY	DEEG	DRAN	XV	YV	DDG	SPD	ADS	C	SYS	CIS
2:40:15.459	J11629 -0057	1550	1550	27	313	2783	244	11.14	-10.25	-6.46	237	12.17	10	437	2	427	UAB N	1	PAI	
	-10.12	-5.42																		
2:40:22.159		0162	0162	27		973	85	20.18	20.17	1.73	85	20.30	1	-95	129	96		1	NEP	
	20.12	1.73																		
2:40:22.130		0260		44		942	82	20.20	19.96	2.42	83	20.18	9	9	47	12		1	NEP	
	20.01	2.50																		
2:40:22.315		2275	2275	47	19	1255	110	15.15	14.23	-5.79	112	15.39	7	125	7	125		1	NEP	
	14.17	-5.70																		
2:40:22.949		1221	1271	47	710	1235	103	22.77	21.53	-7.32	103	22.80	-7	5	307	9		1	NEP	
	21.59	-7.32																		
2:40:23.237		0020		15		1391	122	14.97	12.62	-8.39	123	15.24	7	116	3	116		1	NEP	
	12.52	-9.39																		
2:40:24.041		1547	1547	47	100	1555	136	30.32	21.34	-23.32	137	31.60	-47	219	347	223		1	NEA	
	21.31	-23.26																		
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 4																				
2:40:27.470	J11629 -0057	1550	1550	37	310	2361	251	10.41	-9.92	-5.03	243	11.05	33	476	3	479	UAB N	1	NEP	
	-9.99	-4.89																		
2:40:34.220		0162	0162	37		992	97	20.22	20.20	1.26	85	20.27	9	-100	175	139		1	NEP	
	23.17	1.34																		
2:40:34.221		0260		43		941	82	20.24	20.04	2.53	82	20.27	9	9	47	12		1	PAI	
	23.34	2.53																		
2:40:34.223	0150-1511	0260		12		957	94	20.15	20.01	2.03			5	-65	175	66		1	PEV	
	22.34	2.35																		
2:40:34.399		2275	2275	47	15	1239	103	15.09	14.26	-5.37	117	15.29	12	122	5	123		1	NEP	
	14.23	-5.31																		
2:40:35.004		1271	1271	47	710	12														

2:42:12.715	1550	1550	22	310	1714	150	9.12	2.59	-5.45	157	2.22	345	-235	120	103	1	NPM
SUBSYS = 1 TOTAL = 9 MODE C TOTAL = 4																	
2:42:14.392	1200	1200	47	74	2498	219	35.59	-22.82	-27.38	219	35.28	149	72	64	166	1	NPM
2:42:13.255	1550	1550	25		3729	327	9.71	-4.73	5.70	320	7.44	30	439	3	501	1	PAP
2:42:13.267	1550	1550	11	310	3924	344	6.41	.00	.00			326	391	40	503	1	PT
2:42:13.270	1550	1550	11	310	3532	310	10.14	.00	.00			-279	419	326	505	1	IT
2:42:22.309	0260	0260	47		950	83	20.03	19.96	2.35	83	20.17	-5	-1	255	6	1	NPM
2:42:22.593	0162	0162	47		1085	95	19.72	19.67	-1.55	94	19.80	-6	-122	193	123	1	NPM
2:42:23.093	1271	1271	47	710	1239	109	22.85	21.53	-7.32	109	27.80	4	1	77	4	1	NPM
2:42:23.953	1547	1547	47	35	1420	124	27.23	22.93	-16.13	125	27.56	41	280	11	204	1	NPM
2:42:24.573	1550	1550	21		1567	145	9.34	3.98	-7.10	150	8.14	145	-205	120	433	1	PAP
2:42:24.574	1550	1550	12	310	1729	151	9.49	3.29	-7.59			242	-201	142	391	1	PTV
SUBSYS = 1 TOTAL = 10 MODE C TOTAL = 6																	
2:42:30.697	1550	1550	21		3792	333	10.11	-4.62	7.37	327	9.73	30	439	3	501	1	PAP
2:42:30.699	1550	1550	10	310	4274	359	7.07	.00	.00			429	252	59	505	1	PT
2:42:30.701	1550	1550	10	310	3525	302	11.93	.00	.00			-327	312	309	509	1	IT
2:42:34.333	0250	0250	47		949	83	20.03	19.96	2.35	83	20.17	-4	4	315	6	1	NPM
2:42:34.709	0162	0162	47		1093	95	13.75	13.54	-2.21	95	19.81	-5	-125	193	106	1	NPM
2:42:35.153	1271	1271	47	710	1237	109	22.85	21.65	-7.32	109	22.91	5	3	54	5	1	NPM
2:42:35.993	1547	1547	47	93	1407	123	26.96	22.26	-15.59	125	27.41	37	137	10	201	1	NPM
2:42:35.950	1550	1550	15		1531	143	10.57	5.14	-7.79	145	8.38	345	-245	120	403	1	PAT
SUBSYS = 1 TOTAL = 9 MODE C TOTAL = 5																	
2:42:38.905	1200	1200	47	74	2493	219	34.49	-21.85	-27.32	219	35.17	140	91	56	169	1	NPM
2:42:42.559	1550	1550	14		3942	337	11.59	-4.53	9.02	333	10.03	30	439	3	501	1	PAP
2:42:42.572	1550	1550	10	310	99	9	9.03	.00	.00			431	251	59	505	1	PT
2:42:42.575	1550	1550	10	310	3523	309	13.53	.00	.00			-421	312	307	511	1	IT
2:42:46.421	0260	0260	47		946	83	20.07	19.96	2.35	83	20.17	0	9	1	9	1	NPM
2:42:12.715	1550	1550	22	310	1714	150	9.12	2.59	-5.45	157	2.22	345	-235	120	103	1	NPM

TIME	ACID/SX	APC/SY	RBC	FRM	RALT	PAGE	PDEG	PRAN	RY	PV	DDE1	DRAN	XV	YV	EDG	SDD	ADS	C	SYS	CIS		
2:42:45.785		0162	0162	47		1112	97	19.67	19.46	-2.35	95	19.68	-16	-128	189	112			1	NPM		
	19.54	-2.28																				
2:42:47.157		1271	1271	47	710	1235	108	22.89	21.54	-2.35	102	22.91	5	2	65	6			1	NPM		
	21.55	-7.35																				
2:42:47.545		1547	1547	47	83	1393	122	26.70	22.37	-15.29	123	27.14	34	122	9	126			1	NPM		
	22.42	-14.95																				
2:42:48.233		1550		14		1503	140	11.82	6.29	-8.48	143	12.62	346	-205	120	403			1	PAP		
	5.29	-8.48																				
SUBSYS = 1		TOTAL =		9	MODE C		TOTAL =		5													
2:42:50.919		1200	1200	47	74	2479	217	34.00	-21.37	-27.21	218	34.83	143	92	59	165			1	NPM		
	-21.32	-27.12																				
2:42:55.754	JL1623	-0757	1550		11	3376	342	13.10	-4.42	10.70	337	11.50	30	499	3	501	UAR	N	1	PAP		
	-4.42	10.70																				
2:42:55.059	0057-1517	1550	1550	10	310	3499	307	15.14	.00	.00			-480	173	260	512			1	LT		
	-12.30	9.23																				
2:42:53.513		0250		47		946	93	20.11	19.98	2.26	93	20.19	4	6	39	7			1	NPM		
	19.95	2.35																				
2:42:53.876		0162	0162	47		1124	98	19.53	19.29	-2.70	97	19.55	-30	-109	195	113			1	NPM		
	19.40	-2.55																				
2:42:59.250		1271	1271	47	710	1237	108	22.90	21.64	-7.10	103	22.92	5	-2	94	5			1	NPM		
	21.67	-7.35																				
2:42:59.774		1547	1547	47	77	1376	120	25.45	22.62	-14.03	121	25.72	38	220	10	204			1	NPM		
	22.55	-14.26																				
SUBSYS = 1		TOTAL =		7	MODE C		TOTAL =		4													
2:43:03.017		1200	1200	47	74	2468	216	33.60	-20.60	-27.19	217	34.32	159	55	70	163			1	NPM		
	-20.75	-27.03																				
2:43:10.515		0250		47		946	93	20.17	19.98	2.23	93	20.17	9	-0	92	9			1	NPM		
	20.00	2.32																				
2:43:10.894		0162	0162	47		1139	100	19.46	19.23	-3.12	93	19.54	-33	-111	196	116			1	NPM		
	19.28	-3.03																				
2:43:11.395		1271	1271	47		1237	108	22.87	21.53	-2.32	103	22.90	1	1	31	2			1	NPM		
	21.55	-7.34																				
2:43:11.549		1547	1547	47	74	1359	119	26.21	22.75	-13.31	122	26.41	41	220	11	212			1	NPM		
	22.70	-13.53																				
SUBSYS = 1		TOTAL =		5	MODE C		TOTAL =		2													
2:43:15.119		1200	1200	47	74	2464	216	33.10	-20.35	-25.75	217	33.92	154	54	67	167			1	NPM		
	-20.25	-26.78																				
2:43:22.527		0260	0260	47		947	93	20.19	19.96	2.35	93	20.17	7	1	77	7			1	NPM		
	20.31	2.34																				
2:43:22.937		0162	0162	47		1152	101	19.35	19.24	-3.51	107	19.42	-10	-112	199	120			1	NPM		
	19.10	-3.42																				
2:43:23.374		1271	1271	47	710	1236	108	22.79	21.53	-7.29	103	22.79	-7	5	310	10			1	NPM		
	21.59	-7.31																				
2:43:23.749		1547	1547	47	71	1339	117	25.96	22.97	-12.59	119	26.09	41	215	10	219			1	NPM		
	22.84	-12.78																				
SUBSYS = 1		TOTAL =		5	MODE C		TOTAL =		3													
2:43:25.232		1550	1550	07	310	1954	153	13.11	4.49	-15.43	153	13.12	0	2	15	0			1	NPM		
	4.49	-15.49																				
2:43:27.130		1200	1200	47	74	2461	216	32.54	-19.81	-26.37	216	33.18	147	72	61	167			1	NPM		
	-19.78	-26.49																				
2:43:34.397		0250		45		947	93	20.21	20.04	2.35	93	20.25	7	1	77	7			1	PAP		
	20.04	2.35																				
2:43:34.399	0160-1615	0260	0260	11		950	93	20.14	.00	.00			-0	-7	185	7			1	PAP		

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDE3	PRAN	RX	RY	DDE3	DRAN	YV	YV	PDG	SPD	ADS	C	SYE	CIS
2:43:34.402	20.01 0160-1516 19.98	2.25 0260 2.40	0260	0260	11	945	93	20.14	.00	.20			-3	5	329	6			1	IT
2:43:35.296	19.92 0160-1516 19.92	-3.79 0162 -3.79	0162	0162	47	1165	102	19.21	18.95	-3.79	101	19.24	-48	-110	202	120			1	NPM
2:43:35.291	21.56 1271 21.56	-7.29 1271 -7.29	1271	1271	47	710	1236	109	22.73	21.53	-7.29	109	22.79	-9	5	307	10		1	NPM
2:43:35.520	22.96 1547 22.96	-12.03 1547 -12.03	1547	1547	47	69	1320	116	25.71	22.98	-11.97	117	25.75	39	220	9	224		1	NPM
SUBSYS = 1 TOTAL = 9 MODE C TOTAL = 4																				
2:43:37.017	4.60 1550 4.60	-17.00 1550 -17.00	1550	1550	20	310	1884	165	19.08	4.60	-17.00	164	17.59	38	-445	175	442		1	NPM
2:43:38.905	-19.25 1200 -19.25	-26.29 1200 -26.29	1200	1200	47	74	2454	215	32.10	-19.23	-26.34	215	32.82	153	59	65	159		1	NPM
2:43:45.415	20.07 0160-1516 20.07	2.35 0260 2.35	0260	0260	10	945	93	20.11	.00	.20			-4	-5	227	6			1	PT
2:43:45.417	20.00 0160-1616 19.96	2.25 0260 2.42	0260	0260	10	945	93	20.11	.00	.20			-6	2	293	6			1	IT
2:43:47.153	19.76 1271 19.76	-4.17 1271 -4.17	1271	1271	47	710	1236	109	22.73	21.64	-7.35	109	22.91	-6	2	289	7		1	NPM
2:43:47.159	21.54 1547 21.54	-7.29 1547 -7.29	1547	1547	47	55	1302	114	25.45	23.03	-11.20	115	25.56	33	224	9	227		1	NPM
2:43:47.539	23.06 1547 23.06	-11.26 1547 -11.26	1547	1547	47	53	1282	112	25.20	23.12	-10.42	114	25.37	29	227	7	220		1	NPM
SUBSYS = 1 TOTAL = 8 MODE C TOTAL = 4																				
2:43:49.053	4.82 1550 4.82	-19.59 1550 -19.59	1550	1550	30	310	1889	166	20.79	4.84	-18.62	165	19.20	56	-472	173	477		1	NPM
2:43:50.997	-19.70 1200 -19.70	-26.10 1200 -26.10	1200	1200	47	74	2447	215	31.64	-19.65	-26.14	215	32.31	158	50	50	159		1	NPM
2:43:59.523	20.05 0260 20.05	2.34 0260 2.34	0260	0260	44	948	93	20.22	19.98	2.20	93	20.19	6	0	84	5			1	NPM
2:43:59.259	19.59 0162 19.59	-4.53 0162 -4.53	0162	0162	47	1193	104	19.07	13.56	-4.54	103	19.04	-50	-112	204	122			1	NPM
2:43:59.261	21.54 1271 21.54	-7.31 1271 -7.31	1271	1271	47	710	1237	109	22.75	21.64	-7.35	109	22.91	-4	-0	250	4		1	NPM
2:43:59.550	23.14 1547 23.14	-10.50 1547 -10.50	1547	1547	47	53	1282	112	25.20	23.12	-10.42	114	25.37	29	227	7	220		1	NPM
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 4																				
2:44:01.147	5.26 1550 5.26	-20.14 1550 -20.14	1550	1550	40	310	1892	166	22.33	5.09	-20.10	165	20.69	64	-467	172	173	UAP N	1	NPM
2:44:03.002	-19.10 1200 -19.10	-26.00 1200 -26.00	1200	1200	47	74	2437	214	31.23	-17.92	-26.04	214	31.81	169	45	75	175		1	NPM
2:44:10.577	20.09 0260 20.09	2.34 0260 2.34	0260	0260	43	943	93	20.25	20.09	2.34	93	20.30	6	0	84	5			1	PAP
2:44:10.590	20.06 0160-1610 20.06	2.29 0260 2.29	0260	0260	11	950	93	20.19	.00	.20			-1	-5	191	5			1	PT
2:44:10.592	20.04 0160-1512 20.04	2.39 0260 2.39	0260	0260	11	945	93	20.19	.00	.00			-2	5	334	5			1	IT
2:44:11.330	18.45 0162 18.45	-4.90 0162 -4.90	0162	0162	47	1207	106	19.04	19.45	-1.39	104	19.07	-47	-112	202	122			1	NPM
2:44:11.362			1271	1271	47	710	1237	109	22.73	21.53	-7.32	109	22.80	-4	-1	256	4		1	NPM

TIME	ACID/SX	ARG/SY	RBC	FRM	RALT	PAGE	PDEG	PRAM	RX	RY	DDEG	DRAN	XV	YV	WDC	SPD	ANS	C	SYS	CIS
2:44:11.935	21.53	-7.32	1547	1547	47	59	1263	111	24.95	23.17	-9.67	112	25.16	22	229	5	231		1	NPM
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 4																				
2:44:13.213	JL1629	-0101	1550	1550	47	310	1395	165	23.92	5.29	-21.73	165	23.30	55	-158	172	175	UAR	N	1 NPM
2:44:13.595		5.29	-21.70	1550	1550	22	310	1339	170	24.11	3.56	-22.20	170	22.55	128	-471	164	497		1 NPM
2:44:15.096		3.56	-22.20	1200	1200	47	74	2431	213	30.69	-17.64	-25.52	214	31.30	153	62	69	175		1 NPM
2:44:22.524		-17.57	-25.73	0250		45	952	83	20.22	19.98	2.23	83	20.17	4	-2	121	5			1 NPM
2:44:23.496		20.07	2.29	1547	1547	47	55	1241	109	24.72	23.29	-8.58	112	24.93	22	235	5	238		1 NPM
2:44:23.499		23.29	-8.90	0152	0152	47	1221	137	19.05	19.35	-5.20	105	10.10	-41	-113	200	121			1 NPM
2:44:23.500		13.32	-5.29	1271	1271	47	1238	108	22.79	21.64	-7.35	108	22.91	-2	-5	182	5			1 NPM
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 4																				
2:44:25.277	JL1629	-0101	1550	1550	47	310	1970	166	25.55	5.56	-23.46	165	24.05	69	-473	171	490	UAR	N	1 NPM
2:44:25.519		5.53	-23.31	1550		21	1934	169	25.74	4.01	-23.76	170	24.16	128	-471	164	497			1 NPM
2:44:25.793		4.01	-23.76	1200	1200	47	74	2427	213	30.14	-17.12	-25.37	214	30.79	157	75	54	174		1 NPM
2:44:34.725		-17.06	-25.45	0260		47	950	83	20.20	19.98	2.32	83	20.19	0	-2	160	2			1 NPM
2:44:35.443		20.25	2.29	1547	1547	47	52	1222	107	24.53	23.31	-9.29	109	24.81	19	231	4	233		1 NPM
2:44:35.457		23.34	-8.15	0162	0162	47	1235	108	19.18	18.37	-5.71	107	19.27	-27	-118	103	121			1 NPM
2:44:35.458		19.28	-5.70	1271	1271	47	710	1238	109	22.85	21.65	-7.32	109	22.91	7	-4	121	9		1 NPM
SUBSYS = 1 TOTAL = 7 MODE C TOTAL = 4																				
2:44:37.355	JL1329	-0101	1550	1550	47	310	1931	167	27.17	5.87	-24.93	165	25.55	77	-474	170	481	UAR	N	1 NPM
2:44:37.724		5.81	-24.89	1550	1550	23	310	1935	170	27.35	4.28	-25.37	172	25.80	114	-472	162	485		1 NPM
2:44:38.494		4.31	-25.37	1200	1200	47	2252	107	35.75	-11.25	-34.43	199	35.32	58	116	26	129			1 NPM
2:44:38.891		-11.25	-34.39	1200	1200	47	74	2421	212	29.51	-16.50	-25.12	213	30.28	154	92	61	174		1 NPM
2:44:45.525		-16.56	-25.15	0250		45	954	83	20.20	20.05	2.28	83	20.25	0	-2	162	2			1 PAR
2:44:45.528	0160-1514	20.26	2.29	0260		11	949	83	20.17	00	00			-1	-2	270	1			1 PT
2:44:45.530	0152-1521	20.04	2.29	0260		11	949	83	20.21	00	00			1	1	54	1			1 LT
2:44:47.292		20.07	2.29	1547	1547	47	49	1204	105	24.32	23.29	-7.55	107	24.54	11	226	2	227		1 NPM
2:44:47.290		23.34	-7.40	0152	0152	47	1243	130	19.27	18.23	-6.14	103	10.28	-23	-110	101	122			1 NPM
2:44:47.291		19.20	-6.10	1271	1271	47	710	1238	109	22.83	21.64	-7.35	109	22.91	8	-3	111	9		1 NPM

BEACON-TARGET-REPORTS					11/13/86			PAGE	4
STIME	RANGE	ACP	DEC	Q	BEACON	ALT		QUA	SYS
	119.50	1945	170	0	1550-3			BT	1
2:55:55.664	120.12	1934	169	0	1550-3	309-3		BT	1
2:56:27.685	121.75	1936	170	0	1550-3	309-3		BT	1
2:56:19.710	123.37	1933	169	0	1550-3	309-3		BT	1
2:57:27.792	132.12	1934	169	0	1552-3	295-3		BT	1
2:57:31.659	133.00	1936	170	0	1550-3			BT	1
2:57:43.744	134.62	1934	169	0	1550-3			BT	1
2:57:55.765	136.25	1937	170	0	1550-3	292-3		BT	1
2:53:13.990	139.37	1936	170	0	1550-3	275-3		BT	1
2:59:32.069	140.50	1949	171	0	1550-3			BT	1

RADAR REINFORCED TARGET REPORTS								PAGE 1	
TIME	RANGE	ACP	DEG	Q	11/19/86 BEACON	ALT		QUA	SYS
2:11:33.700	194.75	153	13	7	1550-3	350-3		RB	1
2:11:45.735	193.12	153	13	7	1550-3			RB	1
2:11:57.761	191.50	154	13	7	1550-3	350-3		RB	1
2:12:09.786	190.87	155	13	7	1550-3	351-3		RB	1
2:12:21.827	199.25	157	13	7	1550-3			RB	1
2:13:09.799	191.62	150	14	7	1550-3	351-3		RB	1
2:13:21.829	180.00	161	14	7	1550-3	351-3		RB	1
2:13:33.723	178.37	163	14	7	1550-3	351-3		RB	1
2:13:45.810	173.75	155	14	7	1550-3	350-3		RB	1
2:13:57.835	175.12	154	14	7	1550-3	350-3		RB	1
2:14:09.926	173.50	167	14	7	1550-3	350-3		RB	1
2:14:45.872	168.62	170	14	7	1550-3	350-3		RB	1
2:14:57.954	157.00	172	15	7	1550-3	349-3		RB	1
2:15:13.041	165.37	173	15	7	1550-3	349-3		RB	1
2:15:22.069	153.75	175	15	7	1550-3	349-3		RB	1
2:15:34.150	152.12	178	15	7	1550-3			RB	1
2:15:42.170	157.25	130	15	7	1550-3	349-3		RB	1
2:15:52.195	155.25	182	15	7	1550-3	349-3		RB	1
2:16:04.320	154.12	194	16	7	1550-3	349-3		RB	1
2:16:13.344	152.87	197	16	7	1550-3	349-3		RB	1
2:17:10.371	149.25	199	16	7	1550-3	349-3		RB	1
2:17:22.397	147.62	190	16	7	1550-3	349-3		RB	1
2:17:34.420	146.00	192	16	7	1550-3	349-3		RB	1
2:17:45.444	144.37	194	17	7	1550-3	349-3		RB	1
2:18:10.303	141.12	195	17	7	1550-3	350-3		RB	1
2:18:22.327	139.62	199	17	7	1550-3	350-3		RB	1
2:18:34.415	137.97	201	17	7	1550-3	350-3		RB	1
2:18:43.402	135.25	203	17	7	1550-3	350-3		RB	1
2:19:10.500	133.12	209	19	7	1550-3	350-3		RB	1
2:19:22.804	131.50	210	18	7	1550-3	350-3		RB	1
2:19:34.635	129.87	213	19	7	1550-3	350-3		RB	1
2:19:45.535	128.25	214	18	7	1550-3	350-3		RB	1
2:19:53.523	125.62	216	19	7	1550-3	350-3		RB	1
2:20:10.543	125.00	218	19	7	1550-3	350-3		RB	1
2:20:22.662	123.50	222	19	7	1550-3	350-3		RB	1
2:20:34.959	121.87	224	19	7	1550-3	350-3		RB	1
2:20:53.962	119.62	229	20	7	1550-3	350-3		RB	1
2:21:11.041	117.00	232	20	7	1550-3	350-3		RB	1
2:21:34.775	113.97	239	20	7	1550-3	350-3		RB	1
2:21:45.920	112.37	240	21	7	1550-3	350-3		RB	1
2:22:11.094	109.12	247	21	7	1550-3	350-3		RB	1
2:22:23.170	107.50	249	21	7	1550-3	350-3		RB	1
2:22:34.990	106.00	252	22	7	1550-3	350-3		RB	1
2:22:47.217	104.37	257	22	7	1550-3			RB	1
2:22:59.177	102.87	259	22	7	1550-3	350-3		RB	1
2:23:11.200	101.25	263	23	7	1550-3	350-3		RB	1
2:23:35.320	98.12	270	23	7	1550-3	350-3		RB	1
2:23:47.411	95.52	271	24	7	1550-3	350-3		RB	1
2:24:11.462	93.50	292	24	7	1550-3	350-3		RB	1
2:24:23.422	92.00	288	25	7	1550-3	350-3		RB	1
2:24:35.447	90.37	293	25	7	1550-3	350-3		RB	1
2:24:47.465	88.87	299	26	7	1550-3	350-3		RB	1
2:24:59.497	87.37	304	26	7	1550-3	350-3		RB	1

RADAR REINFORCED TARGET REPORTS							11-19/86	PAGE 2	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT		QUA	SYS
2:25:23.192	84.37	314	27	7	1550-3	350-3		RB	1
2:25:35.116	82.87	319	28	7	1550-3	350-3		RB	1
2:25:47.529	81.37	329	29	7	1550-3	350-3		RB	1
2:25:59.543	79.87	331	29	7	1550-3	350-3		RB	1
2:26:11.914	79.37	332	29	7	1550-3	350-3		RB	1
2:26:23.902	75.87	344	30	7	1550-3	350-3		RB	1
2:26:35.325	75.37	353	31	7	1552-3	350-3		RP	1
2:26:47.759	74.00	369	31	7	1550-3	350-3		RB	1
2:26:59.554	72.50	366	32	7	1552-3	350-3		RE	1
2:27:11.740	71.12	373	32	7	1550-3	350-3		RB	1
2:27:23.954	59.52	393	33	7	1552-3			RB	1
2:29:12.229	54.00	417	36	7	1550-3	350-3		RB	1
2:29:35.093	51.37	437	38	7	1550-3	350-3		RB	1
2:29:49.174	52.02	449	39	7	1552-3	350-3		RB	1
2:29:12.262	57.37	468	41	7	1550-3	350-3		RB	1
2:29:24.372	56.12	480	42	7	1550-3	350-3		RB	1
2:29:35.399	54.75	494	43	7	1550-3	350-3		RB	1
2:29:43.593	53.52	507	44	7	1550-3	352-3		RB	1
2:30:30.589	52.37	522	45	7	1550-3	350-3		RB	1
2:30:12.711	51.12	536	47	7	1550-3	350-3		RE	1
2:30:43.959	47.75	597	51	7	1550-3	350-3		RB	1
2:31:13.256	44.07	607	52	7	1550-3	350-3		RB	1
2:31:49.096	40.25	623	54	7	1550-3	350-3		RE	1
2:32:21.307	39.75	629	55	7	1550-3	349-3		RB	1
2:32:37.129	34.20	651	57	7	1550-3	349-3		RB	1
2:32:49.591	32.50	657	57	7	1550-3	349-3		RE	1
2:33:01.521	30.97	658	58	7	1550-3	347-3		RB	1
2:33:13.463	29.37	678	59	7	1550-3	346-3		RB	1
2:33:25.541	27.87	699	60	7	1550-3	344-3		RB	1
2:33:49.717	24.62	716	62	7	1550-3	340-3		RB	1
2:34:13.707	21.50	754	65	7	1550-3	335-3		RB	1
2:34:50.022	17.37	835	73	7	1550-3	330-3		RB	1
2:35:02.111	16.00	871	76	7	1550-3	327-3		RB	1
2:35:25.599	13.07	975	85	7	1550-3	323-3		RB	1
2:35:33.301	12.97	1045	91	7	1552-3	320-3		RB	1
2:35:31.250	12.25	1135	99	7	1550-3	319-3		RB	1
2:36:15.739	12.00	1339	117	7	1550-3	313-3		RB	1
2:36:40.543	12.75	1527	134	7	1550-3	311-3		RE	1
2:36:52.501	13.37	1510	141	7	1550-3	310-3		RB	1
2:37:04.902	14.00	1685	140	7	1550-3	310-3		RB	1
2:37:29.068	15.12	1929	160	7	1550-3	310-3		RB	1
2:37:41.792	15.50	1915	169	7	1550-3	311-3		RB	1
2:39:13.214	15.12	2126	185	7	1550-3	310-3		RB	1
2:39:30.623	16.12	2175	191	7	1550-3	310-3		RB	1
2:39:37.329	15.37	2371	208	7	1550-3	310-3		RB	1
2:39:19.414	15.00	2436	214	7	1550-3	310-3		RB	1
2:39:31.495	14.37	2504	220	7	1550-3	310-3		RB	1
2:39:43.953	13.75	2572	225	7	1550-3	310-3		RE	1
2:39:55.974	13.00	2635	231	7	1550-3	310-3		RB	1
2:40:32.555	10.00	2925	248	7	1550-3	310-3		RB	1
2:43:17.706	15.12	1951	163	7	1550-3	310-3		RB	1
2:43:30.295	17.62	1875	164	7	1550-3	310-3		RB	1
2:50:07.897	72.25	1928	169	7	1550-3	310-3		RB	1

RADAR REINFORCED PAROBT REPORTS							11/10/86	PAGE 3	
STIME	RANGE	ACP	DEG	Q	BEACON	ALT		QUA	SYS
2:50:19.053	73.87	1927	169	?	1550-3	310-3		RB	1
2:50:43.112	77.12	1925	169	?	1550-3	310-3		RB	1
2:50:55.137	79.97	1924	169	?	1550-3	303-3		RB	1
2:52:55.257	179.00	4025	352	?	1552-3	303-3		RB	2
2:53:07.336	176.37	4026	352	?	1550-3	309-3		RB	2
2:53:07.274	97.00	1925	169	?	1550-3	309-3		RB	1
2:53:19.421	174.75	4028	352	?	1550-3	303-3		RB	2
2:53:31.497	173.00	4006	352	?	1552-3	303-3		RB	2
2:53:43.583	171.37	4005	352	?	1550-3	309-3		RB	2
2:53:55.603	169.75	4027	352	?	1550-3	309-3		RB	2
2:54:27.701	156.12	4029	352	?	1550-3	303-3		RB	2
2:54:19.730	155.37	4009	352	?	1550-3	303-3		RB	2
2:54:31.817	154.75	4029	352	?	1550-3	309-3		RB	2
2:54:43.856	163.12	4009	352	?	1550-3	309-3		RB	2
2:54:55.977	151.37	4027	352	?	1550-3	303-3		RB	2
2:55:07.975	159.75	4029	352	?	1550-3	303-3		RB	2
2:55:20.023	159.12	4003	352	?	1550-3	309-3		RB	2
2:55:32.177	156.50	4029	352	?	1550-3	309-3		RB	2
2:55:44.264	154.75	4010	352	?	1550-3	303-3		RB	2
2:55:56.291	153.12	4010	352	?	1552-3	303-3		RB	2
2:56:08.375	151.50	4010	352	?	1550-3	309-3		RB	2
2:56:20.450	142.75	4009	352	?	1550-3	309-3		RB	2
2:56:31.728	125.12	1934	169	?	1550-3	303-3		RB	1
2:56:32.473	143.12	4029	352	?	1550-3	306-3		RB	2
2:56:43.591	126.62	1934	169	?	1550-3	303-3		RB	1
2:56:44.555	145.50	4010	352	?	1552-3	302-3		RB	2
2:56:55.772	129.25	1935	170	?	1550-3	293-3		RB	1
2:56:56.643	144.87	4011	352	?	1552-3	293-3		RB	2
2:57:07.792	129.97	1934	169	?	1550-3	296-3		RB	1
2:57:09.732	143.25	4011	352	?	1550-3	296-3		RB	2
2:57:19.593	131.52	1930	169	?	1550-3	292-3		RB	1
2:57:20.758	141.52	4011	352	?	1550-3	292-3		RB	2
2:57:32.943	140.12	4010	352	?	1550-3	289-3		RB	2
2:57:44.032	130.50	4011	352	?	1552-3	286-3		RB	2
2:57:55.755	135.00	1931	169	?	1550-3	292-3		RB	1
2:57:57.018	135.87	4009	352	?	1550-3	281-3		RB	2
2:58:07.945	137.75	1936	170	?	1550-3	278-3		RB	1
2:58:09.035	135.37	4012	352	?	1550-3	278-3		RB	2
2:58:21.120	133.75	4012	352	?	1550-3	275-3		RB	2
2:58:31.763	143.87	1937	170	?	1552-3	272-3		RB	1
2:58:33.259	132.25	4029	352	?	1550-3	272-3		RB	2
2:58:43.914	142.37	1936	170	?	1550-3	269-3		RB	1
2:58:45.225	130.75	4029	352	?	1550-3	259-3		RB	2
2:58:55.995	143.87	1937	170	?	1550-3	265-3		RB	1
2:58:57.319	129.12	4011	352	?	1550-3	265-3		RB	2
2:59:07.614	145.37	1939	170	?	1550-3	262-3		RB	1
2:59:09.390	127.52	4010	352	?	1550-3	252-3		RB	2
2:59:10.222	145.97	1937	170	?	1552-3	259-3		RB	1
2:59:21.477	125.12	4011	352	?	1550-3	259-3		RB	2
2:59:31.316	148.37	1933	159	?	1550-3			RB	1
2:59:33.512	124.52	4013	352	?	1550-3	255-3		RB	2
2:59:43.337	142.87	1938	170	?	1550-3	262-3		RB	1
2:59:45.590	123.12	4011	352	?	1550-3	252-3		RB	2

RADAR-REINFORCED-TARGET-REPORTS		11/18/95					PAGE 4	
STIME	RANGE	ACP	DEG	Q	PEACON	ALT	QUA	SYS
2:59:55.351	151.37	1938	173	7	1550-3	250-3	RB	1
2:59:57.665	131.62	4210	362	7	1550-3	250-3	RB	2

FRACKING DATA		11/19/86															PAGE 1				
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HDC	SPD	ADS	C	SYS	CIS	
2:08:44.532		1550	1550	22	350	1195	105	206.62	199.95	-52.34	104	206.21	-110	-435	194	449			3	NRM	
	129.85	-52.34																			
2:09:55.701		1550	1550	32	350	1201	105	206.63	199.35	-54.18	105	206.39	-123	-471	194	485			3	NRM	
	120.30	-54.30																			
2:09:03.739		1550	1550	42	350	1209	106	206.75	199.99	-55.35	105	206.70	-126	-515	193	529			3	NRM	
	120.95	-55.96																			
2:09:20.745		1550	1550	47	350	1213	106	206.82	199.54	-57.57	105	206.80	-126	-511	193	525			3	NRM	
	123.53	-57.35																			
2:09:32.555		1550	1550	47	350	1219	107	206.84	199.21	-59.39	105	226.93	-133	-511	194	528			3	NRM	
	120.06	-59.35																			
2:09:41.755		1550		46		1224	107	206.92	197.60	-61.27	107	207.11	-133	-511	194	529			3	PAR	
	127.80	-61.07																			
2:09:41.757	0231-1514	1550	1550	11	350	1220	107	203.35	.00	.00			-493	-191	249	531			3	RT	
	124.12	-63.53																			
2:09:41.759	0231-1520	1550	1550	11	350	1219	107	210.37	.00	.00			337	-427	140	530			3	IT	
	222.03	-62.30																			
2:09:55.732		1550		42		1230	123	207.03	197.17	-62.79	107	207.32	-133	-511	194	528			3	PAR	
	157.17	-62.79																			
2:09:55.755	0231-1314	1550	1550	10	350	1222	107	201.69	.00	.00			-530	-29	266	531			3	RT	
	122.35	-60.32																			
2:09:55.757	0231-1527	1550	1550	10	350	1221	127	212.09	.00	.00			448	-293	122	533			3	LT	
	202.43	-63.25																			
2:10:23.594		1550	1550	44	350	1235	108	207.11	195.73	-64.31	108	207.44	-134	-529	194	526			3	NRM	
	125.71	-64.43																			
2:10:22.773		1550	1550	47	350	1240	109	207.34	196.45	-65.90	109	207.74	-121	-503	193	516			3	NRM	
	125.34	-66.39																			
2:10:32.795		1550		45		1245	109	207.51	195.93	-67.79	109	207.89	-121	-503	192	516			3	PAR	
	125.03	-67.79																			
2:10:32.801	0231-1515	1550	1550	11	350	1243	109	203.94	.00	.00			-479	-195	247	519			3	RT	
	122.51	-67.29																			
2:10:32.823	0231-1521	1550	1550	11	350	1240	109	210.80	.00	.00			337	-392	139	519			3	IT	
	120.21	-68.90																			
2:10:41.934		1550		42		1251	109	207.70	195.53	-69.45	109	229.13	-121	-503	193	515			3	PAR	
	125.53	-69.45																			
2:10:41.935	0231-1515	1550	1550	10	350	1245	129	202.35	.00	.00			-517	-29	265	520			3	RT	
	120.73	-67.42																			
2:10:41.939	0231-1521	1550	1550	10	350	1242	129	212.49	.00	.00			442	-269	121	522			3	LT	
	200.63	-69.81																			
2:10:53.932		1550		34		1257	110	207.89	195.12	-71.14	110	209.30	-121	-503	193	516			3	PAR	
	125.12	-71.14																			
2:10:53.951	0231-1516	1550	1550	12	350	1245	109	200.62	.00	.00			-505	124	283	518			3	RT	
	129.09	-67.31																			
2:10:53.987	0231-1521	1550	1550	10	350	1241	109	214.22	.00	.00			506	-119	103	519			3	IT	
	222.32	-70.21																			
2:11:43.954		1550	1550	07	350	152	13	194.72	45.28	189.39	13	194.22	0	0	45	0			1	NPM	
	45.28	190.30																			
2:11:52.923		1550	1550	20		152	13	191.53	44.90	197.79	13	192.59	-108	-457	193	159			1	NRM	
	44.90	197.79																			
2:12:24.933		1550	1550	30	350	154	13	199.89	44.81	186.15	13	193.94	-59	-479	186	485			1	NRM	
	44.75	186.18																			
2:12:16.945	JL1529	-2057	1550	1550	40	351	155	13	199.23	44.71	194.50	13	109.28	-43	-495	195	409	UAR	N	1	NRM
	44.64	184.54																			
2:12:23.745	JL1529	-0057	1550	1550	47		157	13	196.56	44.89	182.79	13	187.63	-11	-491	181	491	UAR	N	1	NRM

~~11/13/96~~

-PAGE- -2-

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RY	DDEG	DRAN	XV	YV	HDC	SPD	ADS	C	PAGE	SYS	CIS
2:12:42.767	JL1629	0057-1550	1550	47	351	157	13	184.93	44.46	131.00	13	135.96	26	435	103	437	UAR-N	1	NRM	
2:12:52.375	JL1629	0057-1550	1550	47	351	159	13	193.33	44.64	179.37	13	134.17	13	561	191	560	UAR-N	1	NPM	
2:13:04.931	JL1629	0057-1550	1550	47	351	160	14	191.67	44.51	177.73	14	192.67	13	524	161	503	UAR-N	1	NRM	
2:13:15.931	JL1629	0057-1550	1550	47	351	151	14	179.95	44.12	176.15	14	181.25	41	523	164	505	UAR-N	1	NRM	
2:13:29.952	JL1629	0057-1550	1550	47	351	161	14	179.32	44.80	174.51	14	179.47	54	521	186	505	UAR-N	1	NRM	
2:13:43.917	JL1629	0057-1550	1550	47	351	153	14	175.55	44.12	172.79	14	177.99	35	522	184	505	UAR-N	1	NPM	
2:13:52.973	JL1629	0057-1550	1550	47	350	165	14	175.05	44.25	171.89	14	175.33	7	524	192	503	UAR-N	1	NRM	
2:14:05.020	JL1629	0057-1550	1550	47	350	155	14	173.37	43.57	169.59	14	174.69	44	520	195	503	UAR-N	1	NRM	
2:14:17.119	JL1629	0057-1550	1550	47	350	167	14	171.73	43.95	167.31	14	173.15	21	520	182	501	UAR-N	1	NRM	
2:14:29.173	JL1629	0057-1550	1550	47	350	159	14	170.14	43.54	155.25	14	171.53	37	496	184	499	UAR-N	1	NRM	
2:14:41.010	JL1629	0057-1550	1550	47	352	159	14	169.55	43.64	164.53	14	169.95	29	495	183	496	UAR-N	1	NRM	
2:14:53.039	JL1629	0057-1550	1550	47	352	171	15	166.93	43.45	162.94	14	169.36	29	493	183	495	UAR-N	1	NRM	
2:15:05.177	JL1629	0057-1550	1550	47	349	172	15	165.35	43.54	161.20	15	166.79	15	494	181	494	UAR-N	1	NRM	
2:15:17.213	JL1629	0057-1550	1550	47	349	171	15	163.73	43.35	159.56	15	165.19	10	493	182	494	UAR-N	1	NRM	
2:15:29.299	JL1629	0057-1550	1550	47	349	175	15	162.14	43.42	157.95	15	163.60	10	494	181	494	UAR-N	1	NRM	
2:15:41.333	JL1629	0057-1550	1550	47	349	173	15	160.57	43.70	155.89	15	162.03	19	490	177	499	UAR-N	1	NRM	
2:15:53.257	JL1629	0057-1550	1550	47	349	179	15	158.93	43.03	154.53	15	160.39	24	493	182	499	UAR-N	1	NRM	
2:16:05.335	JL1629	0057-1550	1550	47	349	180	15	157.27	43.10	153.01	15	159.93	35	494	184	496	UAR-N	1	NRM	
2:16:17.329	JL1629	0057-1550	1550	47	349	191	15	155.52	42.95	151.26	15	157.20	49	493	195	497	UAR-N	1	NRM	

PACKING DATA		11/18/86																		PAGE	3
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEJ	DRAN	XV	YV	HDJ	SPD	ADS	C	SYS	CLS	
2:17:53.510	JL1629	-0057	1550	1550	47	349	195	17	142.79	42.32	138.01	17	144.55	-30	-497	183	498	UAR	N	1	NRM
		42.29	138.03																		
2:18:05.447	JL1629	-0057	1550	1550	47	350	197	17	141.17	42.26	136.32	17	142.94	-24	-499	192	500	UAR	N	1	NRM
		42.23	136.39																		
2:18:17.494	JL1629	-0057	1550	1550	47	350	199	17	139.49	41.79	134.78	17	141.32	-54	-496	186	501	UAR	N	1	NRM
		41.96	134.73																		
2:19:29.544	JL1629	-0057	1550	1550	47	350	200	17	137.90	41.95	133.15	17	139.55	-41	-495	184	499	UAR	N	1	NRM
		41.85	133.09																		
2:18:41.503	JL1629	-0057	1550	1550	47	350	202	17	136.29	41.82	131.35	17	138.12	-32	-498	183	500	UAR	N	1	NRM
		41.73	131.12																		
2:18:53.552	JL1629	-0057	1550	1550	47	350	204	17	134.66	41.73	129.59	17	135.51	-27	-522	193	501	UAR	N	1	NRM
		41.73	129.73																		
2:19:05.759	JL1629	-0057	1550	1550	47	350	227	19	133.10	41.85	129.06	19	135.02	-7	-530	190	530	UAR	N	1	NRM
		41.73	128.03																		
2:19:17.534	JL1629	-0057	1550	1550	47	350	210	19	131.51	41.75	126.39	19	133.41	-5	-520	192	499	UAR	N	1	NRM
		41.73	126.39																		
2:19:29.631	JL1629	-0057	1550	1550	47	350	212	19	129.90	41.62	124.71	19	131.80	-12	-500	181	530	UAR	N	1	NRM
		41.57	124.71																		
2:19:41.933	JL1629	-0057	1550	1550	47	350	215	19	129.29	41.67	122.99	19	130.19	-8	-522	190	501	UAR	N	1	NRM
		41.55	123.03																		
2:19:53.723	JL1629	-0057	1550	1550	47	350	216	19	126.64	41.34	121.39	19	128.57	-30	-501	193	503	UAR	N	1	NRM
		41.19	121.39																		
2:20:05.302	JL1629	-0057	1550	1550	47	350	219	19	124.99	41.19	119.71	19	125.91	-16	-520	195	504	UAR	N	1	NRM
		41.28	119.70																		
2:20:17.907	JL1629	-0057	1550	1550	47	350	220	19	123.35	41.01	119.26	19	125.32	-54	-499	186	504	UAR	N	1	NRM
		41.27	119.23																		
2:20:29.553	JL1629	-0057	1550	1550	47	350	223	19	121.90	41.23	115.39	19	123.93	-27	-520	193	502	UAR	N	1	NRM
		41.05	115.35																		
2:20:41.674	JL1629	-0057	1550	1550	47	350	226	19	120.22	41.04	114.73	19	122.20	-21	-499	182	500	UAR	N	1	NRM
		41.01	114.73																		
2:20:53.757	JL1629	-0057	1550	1550	47	350	229	20	119.65	41.01	113.01	19	122.59	-14	-520	191	500	UAR	N	1	NRM
		40.98	113.03																		
2:21:05.310	JL1629	-0057	1550	1550	47	350	231	20	117.01	40.64	111.43	20	118.95	-37	-497	134	500	UAR	N	1	NRM
		40.78	111.37																		
2:21:17.937	JL1629	-0057	1550	1550	47	350	234	20	115.42	40.75	109.55	20	117.33	-29	-499	193	501	UAR	N	1	NRM
		40.70	109.70																		
2:21:29.916	JL1629	-0057	1550	1550	47	350	237	20	113.85	40.73	108.26	20	115.62	-20	-499	182	499	UAR	N	1	NRM
		40.57	108.23																		
2:21:41.741	JL1629	-0057	1550	1550	47	350	240	21	112.29	40.64	106.35	22	114.19	-16	-499	181	499	UAR	N	1	NRM
		40.62	106.37																		
2:21:53.320	JL1629	-0057	1550	1550	47	350	243	21	110.71	40.43	104.92	21	112.67	-27	-495	183	497	UAR	N	1	NRM
		40.50	104.73																		
2:22:05.517	JL1629	-0057	1550	1550	47	350	245	21	109.11	40.17	103.20	21	111.05	-17	-492	195	496	UAR	N	1	NRM
		40.28	103.13																		
2:22:17.943	JL1629	-0057	1550	1550	47	350	249	21	107.56	40.35	101.37	21	109.40	-28	-495	183	497	UAR	N	1	NRM
		40.25	101.43																		
2:22:29.994	JL1629	-0057	1550	1550	47	350	252	22	105.96	40.05	99.75	21	107.76	-35	-495	184	499	UAR	N	1	NRM
		40.10	99.73																		
2:22:41.957	JL1629	-0057	1550	1550	47	350	255	22	104.39	39.95	98.17	22	106.25	-38	-495	184	498	UAR	N	1	NRM
		39.96	98.12																		
2:22:53.331	JL1629	-0057	1550	1550	47		259	22	102.94	40.07	96.35	22	104.59	-18	-499	182	499	UAR	N	1	NRM
		39.96	96.45																		
2:23:05.393	JL1629	-0057	1550	1550	47	350	262	23	101.25	39.65	94.90	22	103.07	-38	-495	184	498	UAR	N	1	NRM

PACKING DATA		11/19/86																	PAGE	B
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDE3	PRAN	RX	RY	DDE3	DRAN	XV	YV	HDG	SPD	ADS	C	SYS	CLS
2:28:31.395	JL1629	-0057 1550	1550	47	350	434	38	61.35	39.06	49.37	37	63.12	-24	-489	182	490	UAR	N	1	NRM
2:28:43.254	JL1629	-0057 1550	1550	47	350	445	39	60.07	39.12	49.29	39	61.69	-10	-492	181	492	UAR	N	1	NRM
2:28:55.336	JL1629	-0057 1550	1550	47	350	459	40	59.79	39.06	46.37	39	62.26	-6	-496	180	495	UAR	N	1	NRM
2:29:07.431	JL1629	-0057 1550	1550	47	350	459	41	57.40	37.91	44.79	42	59.92	-22	-497	182	499	UAR	N	1	NRM
2:29:19.439	JL1629	-0057 1550	1550	47	350	480	42	56.07	37.73	43.21	41	57.48	-30	-495	183	497	UAR	N	1	NRM
2:29:31.555	JL1629	-0057 1550	1550	47	350	492	43	54.90	37.69	41.57	42	56.12	-30	-494	183	496	UAR	N	1	NRM
2:29:43.359	JL1629	-0057 1550	1550	47	350	506	44	53.54	37.62	39.76	43	54.20	-26	-497	182	498	UAR	N	1	NRM
2:29:55.331	JL1629	-0057 1550	1550	47	350	520	45	52.36	37.62	39.20	44	53.33	-18	-497	182	498	UAR	N	1	NRM
2:30:07.934	JL1629	-0057 1550	1550	47	350	536	47	51.21	37.59	36.45	45	52.14	-11	-499	181	499	UAR	N	1	NRM
2:30:19.933	JL1629	-0057 1550	1550	47	350	551	49	50.01	37.45	34.79	47	51.25	-16	-521	181	501	UAR	N	1	NRM
2:30:31.941	JL1629	-0057 1550	1550	47	350	566	49	49.82	37.29	33.29	48	50.23	-26	-497	183	499	UAR	N	1	NRM
2:30:44.123	JL1629	-0057 1550	1550	47	350	593	51	47.73	37.34	31.51	49	49.23	-21	-498	182	498	UAR	N	1	NRM
2:30:55.993	JL1629	-0057 1550	1550	47	350	602	52	45.73	37.40	29.55	51	47.98	-7	-532	183	502	UAR	N	1	NRM
2:31:08.213	JL1629	-0057 1550		45		521	54	45.71	37.29	29.14	52	47.24	-7	-523	180	502	UAR	N	1	PAR
2:31:08.219	0057-1504	1550		12	350	612	53	45.34	35.64	29.40			-105	-463	192	474			1	DEV
2:31:20.137	JL1629	-0057 1550	1550	27	350	623	54	43.79	36.00	26.79	53	45.14	-139	-459	196	491	UAR	N	1	PAR
2:31:32.133	JL1629	-0057 1550		25		639	56	42.53	35.78	25.21	54	44.25	-139	-459	196	481	UAR	N	1	PAR
2:31:32.135	0057-1527	1550		12	350	626	55	42.10	35.20	25.52			-256	-421	212	479			1	DEV
2:31:44.251	JL1629	-0057 1550	1550	27	349	627	55	42.44	33.89	24.57	54	42.12	-291	-375	217	479	UAR	N	1	PAR
2:31:55.275	JL1629	-0057 1550	1550	37	350	632	55	39.77	32.97	23.21	54	40.50	-320	-354	221	485	UAR	N	1	NRM
2:32:08.157	JL1629	-0057 1550	1550	47	349	635	55	37.17	31.84	22.06	55	38.98	-329	-355	222	484	UAR	N	1	NRM
2:32:20.130	JL1629	-0057 1550	1550	47	349	642	56	35.59	32.73	20.31	55	37.33	-331	-355	222	495	UAR	N	1	NRM
2:32:32.352	JL1629	-0057 1550	1550	47	349	650	57	34.02	29.73	19.60	55	35.81	-327	-359	222	495	UAR	N	1	NRM
2:32:44.751	JL1629	-0057 1550	1550	47	349	659	57	32.45	29.57	19.42	57	34.15	-328	-359	222	486	UAR	N	1	NRM
2:32:55.772	JL1629	-0057 1550	1550	47	349	666	59	30.89	27.49	17.34	57	32.64	-332	-352	223	493	UAR	N	1	NRM
2:33:03.524	JL1629	-0057 1550	1550	47	347	675	59	29.33	25.37	15.23	59	30.96	-330	-355	222	484	UAR	N	1	NRM
2:33:20.639	JL1629	-0057 1550	1550	47	346	693	60	27.80	25.32	14.95	59	29.12	-327	-357	222	484	UAR	N	1	NRM

FRACKING DATA		11/19/06															PAGE 6				
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HOG	SPD	ADS	C	SYS	CLS	
2:33:32.750	JL1623	25.29	14.95	0057	1550	1550	47	344	701	61	26.29	24.26	13.68	60	27.86	324	357	222	483	UAR-N	1-NRM
2:33:41.750	JL1623	24.21	13.67	0057	1550	1550	47	342	715	52	24.75	23.10	12.43	61	26.19	325	358	222	484	UAR-N	1-NRM
2:33:56.939	JL1628	23.12	12.45	0057	1550	1550	47	340	731	64	23.21	21.92	11.20	62	24.49	330	359	222	487	UAR-N	1-NRM
2:34:03.372	JL1523	22.01	11.26	0057	1550	1550	47	338	750	65	21.67	20.35	9.96	64	23.00	331	361	222	490	UAR-N	1-NRM
2:34:24.883	JL1629	20.90	10.04	0057	1550	1550	47	336	772	67	20.14	19.67	9.64	66	21.60	333	363	222	496	UAR-N	1-NRM
2:34:33.075	JL1623	19.78	8.79	0057	1550	1550	47	334	801	72	19.68	18.70	7.40	63	20.16	327	376	222	500	UAR-N	1-NRM
2:34:45.181	JL1623	13.70	7.50	0057	1550	1550	47	332	834	73	17.24	17.55	6.15	70	19.66	327	379	222	502	UAR-N	1-NRM
2:34:57.250	JL1523	17.60	6.21	0057	1550	1550	47	330	872	76	15.92	15.54	4.95	72	17.37	320	382	210	501	UAR-N	1-NRM
2:35:09.271	JL1629	16.56	4.93	0057	1550	1550	47	327	917	80	14.64	15.54	3.71	75	15.94	310	381	219	499	UAR-N	1-NRM
2:35:21.730	JL1523	15.50	3.67	0057	1550	1550	47	325	970	85	13.49	14.54	2.40	80	14.78	313	383	219	497	UAR-N	1-NRM
2:35:33.533	JL1629	14.43	2.37	0057	1550	1550	47	323	1039	91	12.64	13.92	1.82	85	13.59	288	397	215	493	UAR-N	1-NRM
2:35:45.933	JL1523	13.59	1.01	0057	1550	1550	47	320	1119	99	11.95	12.95	.40	91	12.05	271	409	213	493	UAR-N	1-NRM
2:35:53.043	JL1629	12.73	-.35	0057	1550	1550	47	318	1212	106	11.61	12.06	2.26	99	12.25	249	420	210	496	UAR-N	1-NRM
2:36:10.507	JL1523	11.93	-1.35	0057	1550	1550	45		1309	114	11.33	11.12	3.31	103	11.61	240	423	210	496	UAR-N	1-PAR
2:36:10.510	0057	10.53	-5.23	1510	1550	1550	12	318	1325	116	11.75	11.37	3.70		211	433	203	538		1-DIV	
2:36:22.933	JL1523	10.57	-5.42	0057	1550	1550	27	313	1433	125	12.21	10.62	5.56	117	11.94	206	529	202	551	UAR-N	1-PAR
2:36:35.293	JL1629	9.37	-7.20	0057	1550	1550	37	311	1525	134	12.01	9.95	7.25	123	12.31	207	515	201	556	UAR-N	1-NRM
2:36:47.333	JL1523	9.15	-8.90	0057	1550	1550	47	311	1510	141	13.57	9.12	9.39	134	12.67	212	512	202	555	UAR-N	1-NRM
2:36:59.651	JL1629	8.37	-10.56	0057	1550	1550	47	310	1584	143	14.43	9.31	10.46	141	13.43	223	525	203	553	UAR-N	1-NRM
2:37:12.132	JL1523	7.45	-12.14	0057	1550	1550	47	310	1754	154	15.29	7.37	11.39	143	14.04	247	497	206	543	UAR-N	1-NRM
2:37:24.217	JL1623	6.46	-13.42	0057	1550	1550	35	313	1815	159	15.84	6.24	13.17	154	14.59	291	426	213	513	UAR-N	1-NRM
2:37:33.542	JL1523	5.21	-14.55	0057	1550	1550	45	310	1992	165	15.37	4.99	14.26	160	15.15	331	352	220	507	UAR-N	1-NRM
2:37:43.434	JL1629	3.64	-15.49	0057	1550	1550	47	311	1958	172	16.71	3.12	15.17	153	15.19	405	323	231	521	UAR-N	1-NRM
2:38:00.900	JL1523	2.70	-16.09	0057	1550	1550	35	311	2030	179	15.90	1.79	15.75	173	15.92	458	241	242	516	UAR-N	1-NRM
2:38:12.315	JL1623	.28	-16.35	0057	1550	1550	35	310	2100	184	15.90	.15	16.00	173	15.95	491	145	253	513	UAR-N	1-NRM
2:38:25.373	JL1523	-1.42	-16.43	0057	1550	1550	45	310	2157	190	15.93	-1.42	15.94	195	15.15	503	73	261	511	UAR-N	1-NRM

FRACKING DATA										11/19/86										PAGE	P
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HDG	SPD	ADS	C	SYS	CLS	
2:38:37.411	JL1628	-0057	1550	1550	47	310	2236	196	17.00	-3.10	-15.31	191	16.12	-510	-9 268	510	UAR	N	1	NRM	
2:38:49.337	JL1623	-0057	1550	1550	35	310	2303	202	16.65	-4.60	-15.31	195	16.02	-489	92 280	498	UAR	N	1	NRM	
2:39:01.726	JL1628	-0057	1550	1550	35	310	2371	203	16.21	-6.06	-14.53	202	15.77	-459	157 292	497	UAR	N	1	NRM	
2:39:14.430	JL1623	-0057	1550	1550	45	310	2442	214	15.73	-7.23	-13.51	203	15.32	-127	252 302	497	UAR	N	1	NRM	
2:39:25.576	JL1628	-0057	1550	1550	47	310	2510	220	15.39	-9.40	-12.40	214	15.07	-393	302 307	499	UAR	N	1	NRM	
2:39:33.354	JL1523	-0057	1550	1550	47	310	2593	227	14.79	-9.25	-11.00	220	14.42	-342	353 315	495	UAR	N	1	NRM	
2:39:51.112	JL1628	-0057	1550	1550	47	310	2655	233	14.09	-9.85	-9.56	225	13.67	-276	413 326	499	UAR	N	1	NRM	
2:40:03.133	JL1623	-0057	1550		45		2732	242	14.10	-11.31	-9.39	233	14.17	-276	413 326	499	UAR	N	1	PAR	
2:40:23.135	2257-1605		1550	1550	13	313	2720	237	11.81	-10.19	-9.06		22	498	2 499				1	RTT	
2:40:15.453	JL1623	-0057	1550	1550	27	310	2793	244	11.14	-10.25	-6.46	237	12.17	18	497	2 497	UAR	N	1	PAR	
2:40:27.470	JL1523	-0057	1550	1550	37	313	2861	251	10.41	-9.92	-5.03	243	11.05	33	476	3 478	UAR	N	1	NRM	
2:40:39.352	JL1523	-0057	1550	1550	47	312	2940	253	9.45	-9.23	-3.59	249	10.01	34	459	10 437	UAR	N	1	NRM	
2:40:51.921	JL1623	-0057	1550		46		3247	267	9.99	-9.26	-1.30	253	9.45	04	459	10 467	UAR	N	1	PAR	
2:40:51.923	2257-1517		1550	1550	13	310	2390	253	6.97	-9.19	-2.55		120	220	64 465				1	RTT	
2:41:24.357	JL1623	-0057	1550	1550	27	310	2914	256	5.67	-7.07	-2.03	254	7.35	417	220	64 462	UAR	N	1	PAR	
2:41:15.374	JL1623	-0057	1550		25		2953	260	4.17	-5.51	-1.35	255	5.65	417	200	64 462	UAR	N	1	PAR	
2:41:15.375	2257-1605		1550		12	310	2902	255	4.72	-5.95	-1.97		350	121	70 372				1	DEV	
2:41:23.277	JL1623	-0057	1550		22		3265	269	2.72	-4.12	-.59	262	4.19	117	200	64 462	UAR	N	1	PAR	
2:41:40.327	JL1623	-0057	1550		14		3405	299	1.41	-2.71	-.21	269	2.70	417	200	64 462	UAR	N	1	PAR	
2:41:53.522	JL1523	-0057	1550	1550	15		3490	305	5.46	-4.97	2.21	294	5.35	150	312	25 315	UAR	N	1	NRM	
2:42:05.914	JL1628	-0057	1550	1550	25	310	3514	320	7.42	-4.99	4.26	309	6.38	30	499	3 531	UAR	N	1	NRM	
2:42:12.745			1550	1550	22	310	1714	150	8.15	2.69	-6.45	157	7.02	346	-205	122 403			1	NRM	
2:42:13.235	JL1623	-0057	1550		25		3729	327	9.71	-4.73	5.70	320	7.44	32	499	3 531	UAR	N	1	PAR	
2:42:13.257	2057-1513		1550	1550	11	310	3924	344	6.41	.00	.00		326	331	42 503				1	RT	
2:42:19.270	0057-1517		1550	1550	11	310	3530	310	10.14	.00	.00		-279	418	326 505				1	LT	
2:42:24.573			1550		21		1567	146	9.34	3.99	-7.10	150	9.14	346	-225	120 403			1	PAR	
2:42:24.574	0157-1525		1550		12	310	1729	151	9.49	3.29	-7.68		242	-291	140 381				1	DEV	

FRACKING DATA		11/19/96														PAGE 9					
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDE3	PRAN	RX	RY	DDE3	DRAN	XV	YV	EDG	SPD	ADS	C	SYS	CLS	
2:45:13.644		1550		16		1929	169	32.22	5.46	-30.10	169	30.66	114	-472	166	485			1	NRM	
2:45:25.750	JL1623	-0101	1550		42	1925	169	33.74	6.13	-31.50	163	32.13	31	-491	173	493	UAR	N	1	PAR	
2:45:25.751	0101	-1622	1550		12	1916	169	33.92	6.89	-31.52			82	-500	170	530			1	DEV	
2:45:37.204	JL1623	-0101	1550	1550	27	310	1914	163	35.66	7.03	-33.25	169	33.93	99	-520	169	510	UAR	N	1	NRM
2:45:49.664	JL1623	-0101	1550		25	1915	168	37.35	7.25	-34.92	169	35.67	89	-500	169	510	UAR	N	1	PAR	
2:45:49.355	0101	-1505	1550		12	210	1333	169	37.30	6.25	-35.26			-61	-522	186	527			1	DFV
2:46:01.591	JL1623	-0101	1550	1550	30	310	1918	168	39.06	7.39	-36.62	169	37.39	82	-522	170	510	UAR	N	1	NRM
2:46:13.771	JL1623	-0101	1550	1550	40	310	1915	159	40.71	8.01	-39.15	163	39.99	129	-491	167	503	UAR	N	1	NRM
2:46:25.352	JL1623	-0101	1550	1550	47	310	1914	159	42.35	9.29	-39.75	159	40.61	112	-487	167	499	UAR	N	1	NRM
2:46:37.370	JL1523	-0101	1550	1550	47	310	1916	159	44.03	9.45	-41.51	163	42.39	96	-490	168	500	UAR	N	1	NRM
2:46:49.969	JL1623	-0101	1550	1550	47	310	1919	169	45.69	9.57	-43.14	163	44.02	73	-494	171	501	UAR	N	1	NRM
2:47:01.313	JL1623	-0101	1550		45		1920	169	47.35	9.96	-44.79	163	45.72	73	-494	171	501	UAR	N	1	PAR
2:47:01.921	2101	-1517	1550		12	310	1930	169	47.29	9.29	-44.35			-31	-503	183	505			1	DEV
2:47:13.325	JL1523	-0101	1550	1550	27	310	1935	170	49.89	9.50	-46.46	169	47.33	-32	-521	193	503	UAR	N	1	NRM
2:47:25.932	JL1623	-0101	1550	1550	37	310	1936	172	50.50	9.81	-49.19	169	49.08	7	-504	179	533	UAR	N	1	NRM
2:47:25.357		1550	1550	22	310	2097	133	50.64	-2.17	-49.93	192	49.01	-230	-479	205	529			1	NRM	
2:47:33.013	JL1523	-0101	1550	1550	47	310	1933	159	52.31	9.25	-49.75	169	50.69	61	-499	173	535	UAR	N	1	NRM
2:47:33.402		1550	1550	32	310	2105	185	52.41	-3.79	-52.59	194	52.95	-335	-435	214	593			1	NRM	
2:47:52.029	JL1623	-0101	1550	1550	47	310	1930	169	53.99	9.56	-51.35	169	52.33	91	-493	159	503	UAR	N	1	NRM
2:47:52.415		1550	1550	42	310	2112	135	54.14	-4.27	-52.20	184	52.50	-296	-191	210	570			1	NRM	
2:48:02.125	JL1523	-0101	1550	1550	47	310	1928	169	55.66	9.95	-53.26	169	54.07	113	-499	167	532	UAR	N	1	NRM
2:48:02.497		1550	1550	47	310	2115	195	55.90	-4.62	-53.79	194	54.15	-240	-522	205	553			1	NRM	
2:48:02.553		1550	1550	22		2209	194	55.74	-14.10	-52.23	195	54.03	110	-546	168	559			1	NRM	
2:48:13.922	JL1523	-0101	1550	1550	47	310	1926	169	57.32	10.25	-54.55	169	55.73	118	-497	165	500	UAR	N	1	NRM
2:48:14.291		1550	1550	47	310	2123	136	57.50	-5.79	-55.43	185	55.93	-240	-497	205	551			1	NRM	
2:48:14.532		1550		21		2199	193	57.42	-13.57	-54.26	194	55.57	110	-545	169	550			1	NRM	
2:48:25.919	JL1623	-0101	1550	1550	47	310	1925	169	59.96	10.64	-56.23	159	57.32	121	-494	165	492	UAR	N	1	NRM

TRACKING DATA		11/19/95														PAGE 10		
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HDG	SPD	ADS C	SYS C1S
2:48:26.332	10.54	-55.29	1550	1550	47	310	2125	196	59.35	5.36	57.04	195	57.55	197	504	201	543	1-NRM
2:48:26.332	-6.35	-57.25	1550	1550	47	310	2125	196	59.35	5.36	57.04	195	57.55	197	504	201	543	1-NRM
2:48:26.332	-13.21	-55.37	1550	1550	47	310	2125	196	59.35	5.36	57.04	195	57.55	197	504	201	543	1-NRM
2:48:33.020	12.95	-57.93	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:48:33.390	-7.31	-55.93	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:48:35.392	-6.31	-60.43	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:48:33.753	-12.34	-57.70	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:48:50.121	11.25	-59.57	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:48:50.453	-7.57	-60.52	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:49:02.130	11.53	-61.21	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:49:02.451	-3.32	-62.31	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:49:02.495	-9.11	-63.76	1550	1550	47	310	1925	169	60.64	13.97	57.96	163	59.03	108	436	167	499	UAR-N
2:49:14.193	11.91	-62.95	1550	1550	47	310	1927	159	65.62	11.79	62.99	169	64.09	87	408	169	499	UAR-N
2:49:26.033	12.26	-64.50	1550	1550	47	310	1928	169	67.23	12.00	64.50	169	65.92	79	491	170	499	UAR-N
2:49:33.053	12.31	-65.12	1550	1550	47	310	1923	159	59.92	13.29	53.09	169	67.65	78	498	170	498	UAR-N
2:49:50.150	12.64	-67.75	1550	1550	47	310	1928	169	70.57	12.70	67.67	169	69.95	88	497	169	496	UAR-N
2:50:02.251	12.95	-69.34	1550	1550	47	310	1927	159	72.20	13.00	69.29	169	70.61	94	433	169	493	UAR-N
2:50:14.255	13.25	-70.98	1550	1550	47	310	1928	169	73.05	13.21	71.01	169	72.35	88	495	169	494	UAR-N
2:50:25.300	13.59	-72.59	1550	1550	47	310	1927	159	75.50	13.62	72.59	169	73.98	94	494	169	494	UAR-N
2:50:33.231	14.22	-74.15	1550	1550	47	310	1923	169	77.14	14.50	74.07	159	75.57	141	475	163	496	UAR-N
2:50:50.270	14.56	-75.75	1550	1550	47	310	1923	159	79.79	14.45	75.73	169	77.61	125	479	165	493	UAR-N
2:51:02.305	14.93	-77.37	1550	1550	47	309	1923	159	80.46	14.90	77.13	169	79.97	117	431	156	494	UAR-N
2:51:14.339	15.21	-79.01	1550	1550	47	309	1924	169	82.13	15.09	79.05	169	80.60	98	496	168	496	UAR-N
2:51:25.420	15.15	-80.71	1550	1550	47	309	1928	169	83.73	14.93	80.76	169	82.27	80	497	175	500	UAR-N
2:51:33.250	15.23	-82.37	1550	1550	47	309	1930	169	85.42	15.10	82.34	169	83.89	31	497	176	499	UAR-N
2:51:50.339	15.35	-84.01	1550	1550	47	309	1931	169	87.06	15.35	83.96	169	85.53	32	495	176	497	UAR-N
2:52:02.337	15.59	-85.62	1550	1550	47	309	1930	159	88.71	15.92	85.51	169	87.14	60	499	172	496	UAR-N

TRACKING DATA		11/18/86																	PAGE	11
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDE1	DRAN	XV	YV	HOG	SPD	ADS	C	SYS	CLS
2:52:14.459	JL1629	-0101	1550	1550	47	309	1927	169	90.39	16.64	-97.15	169	99.86	125	-491	165	496	UAR	N	1 NRM
2:52:25.434	JL1629	-0101	1550	1550	47	309	1925	169	92.03	15.93	-89.75	169	90.43	144	-477	163	499	UAR	N	1 NRM
2:52:33.515	JL1629	-2101	1550	1550	47	309	1925	169	93.69	16.96	-90.40	169	92.11	119	-492	166	495	UAR	N	1 NRM
2:52:50.401	JL1629	-0101	1550	1550	47	329	1926	169	95.32	17.26	-92.20	169	93.76	99	-491	165	125	UAR	N	1 NRM
2:53:02.124			1550	1550	07	309	4225	352	177.97	-24.75	176.25	352	178.62	0	0	45	0			2 NRM
2:53:02.443	JL1629	-2101	1550	1550	47	309	1927	169	96.99	17.45	-93.75	169	95.53	75	-490	171	499	UAR	N	1 NRM
2:53:11.179	JL1629	-2007	1550	1550	20	329	4207	352	174.73	-24.26	174.67	352	176.99	145	-467	162	490	UAR	N	2 NRM
2:53:14.455	JL1629	-0101	1550	1550	47	309	1925	159	93.64	13.18	-95.26	169	97.13	122	-436	169	497	UAR	N	1 NRM
2:53:26.360	JL1629	-2007	1550	1550	30	309	4209	352	173.10	-23.51	173.14	352	175.37	195	-462	157	532	UAR	N	2 NRM
2:53:25.551	JL1629	-2101	1550	1550	47	309	1929	159	100.30	17.39	-96.96	169	99.79	66	-492	172	498	UAR	N	1 NRM
2:53:33.335	JL1629	-2007	1550	1550	42	329	4209	352	171.35	-23.79	171.32	352	173.52	109	-499	167	530	UAR	N	2 NRM
2:53:35.505	JL1629	-0101	1550	1550	47	309	1933	169	101.93	19.23	-93.59	169	107.42	42	-491	175	497	UAR	N	1 NRM
2:53:52.402	JL1629	-2007	1550	1550	47	329	4206	352	169.65	-23.82	169.68	352	171.96	47	-499	174	503	UAR	N	2 NRM
2:53:50.524	JL1629	-0101	1550	1550	47	329	1931	169	103.56	19.32	-102.19	169	102.25	42	-492	175	495	UAR	N	1 NRM
2:54:02.439	JL1629	-0101	1550	1550	17	329	1931	169	105.21	19.64	-101.90	169	103.80	55	-492	173	497	UAR	N	1 NRM
2:54:02.523	JL1629	-2007	1550	1550	47	309	4205	352	167.99	-23.09	169.14	352	170.33	62	-496	172	502	UAR	N	2 NRM
2:54:11.499	JL1629	-0101	1550	1550	47	329	1932	169	106.87	19.62	-103.56	169	125.45	45	-493	174	497	UAR	N	1 NRM
2:54:11.523	JL1629	-2007	1550	1550	47	309	4207	352	166.35	-22.80	166.57	352	169.71	91	-499	169	499	UAR	N	2 NRM
2:54:23.513	JL1629	-0101	1550	1550	47	309	1932	159	109.53	19.26	-105.14	169	107.07	64	-491	172	497	UAR	N	1 NRM
2:54:25.675	JL1629	-2007	1550	1550	47	309	4229	352	164.69	-22.37	164.34	352	166.96	99	-499	169	498	UAR	N	2 NRM
2:54:33.554	JL1629	-2101	1550	1550	47		1935	170	110.15	18.70	-106.95	172	108.74	28	-495	176	496	UAR	N	1 NRM
2:54:33.535	JL1629	-2007	1550	1550	47	329	4229	352	163.03	-21.93	163.26	352	155.33	114	-494	163	496	UAR	N	2 NRM
2:54:50.724	JL1629	-0101	1550	1550	47	309	1934	169	111.81	19.31	-108.39	169	110.34	50	-491	174	496	UAR	N	1 NRM
2:54:50.754	JL1629	-2007	1550	1550	47	329	4210	352	161.39	-21.72	161.65	352	163.70	109	-493	167	495	UAR	N	2 NRM
2:55:02.537	JL1629	-0101	1550	1550	47	309	1934	169	113.43	19.60	-110.02	169	111.99	72	-497	171	494	UAR	N	1 NRM
2:55:02.795	JL1629	-2007	1550	1550	47	329	4228	352	159.70	-21.95	159.34	352	161.92	57	-494	173	499	UAR	N	2 NRM
2:55:14.656	JL1629	-0101	1550	1550	47	309	1933	169	115.10	19.90	-111.71	169	113.73	86	-496	169	495	UAR	N	1 NRM

TIME	ACID/SX	ABC/SY	RBC	FRM	BALT	PACP	PDEG	PRAN	RX		RY	PDEZ	DRAN	XV	YV	HOG	SPD	AES	C		SYS	CLS
------	---------	--------	-----	-----	------	------	------	------	----	--	----	------	------	----	----	-----	-----	-----	---	--	-----	-----

2:28:43.252	16.62	73.60	0000	05	437	38	62.62	38.98	49.01	38	62.96	0	0	45	0	1	NRM	
2:28:43.254	39.98	49.01	JL1623 -0057 1550	47	350	446	39	60.07	39.12	49.09	33	61.69	-10	-492	191	492	UAR N	
2:28:44.392	39.04	48.17	0000	33	957	75	46.85	46.29	12.15	75	47.77	-290	-96	253	302	RO 1	PAP	
2:28:44.394	45.29	12.15	0020-1505	11	329	72	47.64	.00	.00			-240	194	327	304	PO 1	PT	
2:28:44.397	45.53	14.03	0020-1607	11	984	77	47.77	.00	.00			-100	-286	199	304	PO 1	LT	
2:28:44.759	45.57	10.17	0260	22	942	92	31.11	31.23	3.98	92	31.60	-107	-54	243	119	1	NRM	
2:28:44.771	31.23	3.98	1200	31	921	80	52.78	51.45	9.79	80	52.33	199	-142	125	245	1	PAP	
2:28:44.772	51.45	8.79	0255-1525	12	78	905	79	52.67	51.14	10.20		152	42	75	157	1	DEV	
2:28:44.774	51.81	9.53	0162	47	1009	98	35.73	35.85	.59	89	35.79	-54	66	320	96	1	NPM	
SUBSYS = 1 TOTAL = 10 MODE C TOTAL = 3																		
2:28:54.595	35.90	.55	1200	45	143	12	76.65	16.71	74.20	12	75.95	26	176	9	179	1	PAP	
2:28:54.597	16.71	74.20	0071-1604	11	75	159	13	75.19	.00	.00		159	-90	116	178	1	RT	
2:28:54.599	19.26	72.93	0074-1613	11	75	129	11	74.93	.00	.00		-175	-30	260	178	1	LT	
2:28:55.334	14.87	73.43	0022	05	437	38	62.52	38.98	49.01	38	62.96	0	0	45	0	1	NRM	
2:28:55.335	39.98	49.01	JL1629 -0057 1550	47	350	459	40	59.79	38.06	46.37	33	60.26	-6	-496	190	495	UAR N	
2:28:55.443	39.03	46.48	0000	27	957	75	45.85	45.32	11.97	75	45.76	-290	-96	253	302	RO 1	PAP	
2:28:55.452	45.32	11.87	0020-1606	10	915	71	47.35	.00	.00			-172	251	325	306	PO 1	RT	
2:28:55.454	44.95	14.87	0022-1507	10	398	79	47.54	.00	.00			-5	-304	181	303	PO 1	LT	
2:28:55.955	46.65	9.15	0260	21	945	93	30.73	32.97	3.97	92	31.23	-107	-54	243	119	1	NRM	
2:28:55.956	30.87	3.97	1200	27	105	892	78	52.70	50.87	10.68	78	51.98	105	103	45	142	1	PAP
2:28:55.958	51.26	10.21	0162	47	1005	98	35.43	35.60	.75	89	35.56	-61	52	315	87	1	NRM	
SUBSYS = 1 TOTAL = 11 MODE C TOTAL = 4																		
2:29:05.579	35.67	.75	1200	42	143	12	77.25	16.91	74.79	12	75.55	26	176	9	179	1	PAP	
2:29:05.631	16.91	74.78	0071-1604	10	75	163	14	74.74	.00	.00		91	-158	152	177	1	RT	
2:29:05.634	19.53	72.40	0074-1513	10	75	127	11	74.43	.00	.00		-123	-129	223	177	1	LT	
2:29:07.429	14.46	73.01	0000	04	437	38	62.62	38.98	49.01	38	62.96	0	0	45	0	1	NRM	
2:29:07.431	39.98	49.01	JL1629 -0057 1550	47	350	468	41	57.40	37.81	44.79	40	59.82	-22	-497	192	490	UAR N	

11/19/95

PAGE 1

P

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HOG	SPD	ADS	C	SYS	CIS
2:27:44.705	19.21	13.21																		
	33.04	0260	32			922	91	33.21	33.04	5.17	91	33.55	-72	-3	267	72			1	PAR
2:27:44.709	0115-1606	0260	12			930	91	32.96	32.79	4.59			-89	-45	243	100			1	DFV
	32.32	1.73																		
2:27:45.291		0152	0152	47		1029	90	36.59	36.95	-5.00	90	36.79	-69	53	307	98			1	NRM
	36.82	-1.48																		
SUBSYS = 1	TOTAL =	7	MODE C TOTAL =	3																
2:27:54.474		1200	1200	47	75	145	12	73.71	16.34	71.26	12	73.00	27	179	6	182			1	NRM
	15.29	71.26																		
2:27:55.220	JL1629 -0057	1550	1550	47	350	407	35	65.41	39.32	54.79	34	67.29	-24	-426	182	496	UAR N		1	NRM
	39.35	54.68																		
2:27:55.419		1200		23		834	73	49.22	46.99	12.92	74	49.69	-233	261	319	351			1	PAR
	45.99	12.92																		
2:27:55.902		0260		24		921	90	32.97	32.79	5.17	91	33.30	-72	-3	267	72			1	PAP
	32.79	5.17																		
2:27:57.175		0152	0152	47		1026	90	36.42	36.75	-3.32	90	36.64	-63	55	311	94			1	NRM
	36.64	-2.29																		
SUBSYS = 1	TOTAL =	5	MODE C TOTAL =	2																
2:28:05.547		1200	1200	47	75	145	12	74.29	16.34	71.76	12	73.49	25	177	8	190			1	NRM
	16.35	71.84																		
2:28:07.303	JL1629 -0057	1550	1550	47	352	414	36	63.99	39.03	53.31	35	55.90	-43	-495	195	400	UAR N		1	NRM
	39.15	53.09																		
2:28:09.439		1200		15		820	72	47.74	46.20	13.79	73	49.25	-233	261	319	351			1	PAR
	45.20	13.79																		
2:28:09.179		0152	0152	47		1022	90	36.25	36.50	-1.10	90	36.37	-59	59	314	92			1	NRM
	36.45	-1.09																		
SUBSYS = 1	TOTAL =	4	MODE C TOTAL =	2																
2:28:19.442		1200	1200	47	75	145	12	74.05	16.49	72.37	12	74.12	29	175	9	178			1	NRM
	16.46	72.42																		
2:28:19.205	JL1629 -0057	1550	1550	47	350	424	37	62.66	39.20	51.34	36	64.40	-28	-421	193	492	UAR N		1	NRM
	39.10	51.43																		
2:28:27.339		0070		24		853	74	49.09	49.29	12.40	75	49.74	-265	-42	261	269			RC 1	NRM
	49.29	12.40																		
2:28:29.719		1200	1200	22	58	914	90	51.39	50.21	9.50	79	51.19	174	-272	147	324			1	NRM
	50.21	9.50																		
2:28:29.720		0152	0152	47		1019	99	36.05	36.25	.10	99	36.12	-59	59	314	93			1	NRM
	36.25	.09																		
SUBSYS = 1	TOTAL =	5	MODE C TOTAL =	3																
2:28:30.479		1200	1200	47	75	144	12	75.46	16.51	73.01	12	74.76	24	176	7	179			1	NRM
	16.53	73.01																		
2:28:31.334		0000		07		437	39	62.62	39.98	49.71	39	62.95	0	0	45	9			1	NRM
	39.98	49.01																		
2:28:31.395	JL1629 -0057	1550	1550	47	350	434	38	61.35	39.06	49.97	37	63.12	-24	-489	182	490	UAR N		1	NRM
	39.03	49.91																		
2:28:32.351		0070		34		955	75	47.97	47.17	12.26	75	49.63	-290	-95	253	302			RC 1	NRM
	47.26	12.45																		
2:28:32.730		1200	1200	32	78	914	90	52.20	50.84	9.54	79	51.91	198	-142	125	245			1	NRM
	50.79	9.25																		
2:28:32.732		0152	0152	47		1013	99	35.92	36.12	.37	99	36.03	-53	55	320	94			1	NRM
	36.09	.32																		
SUBSYS = 1	TOTAL =	6	MODE C TOTAL =	3																
2:28:42.507		1200	1200	47	75	144	12	75.05	16.64	73.52	12	75.39	26	176	8	179			1	NRM

TRACKING DATA

11/19/83

PAGE 10

TIME	ACID/SX	ABC/SY	RBC	FRM	BALT	PACP	PDEG	PRAN	RX	RY	DDE3	DRAN	XV	YV	HQ	SPD	ADS	G	SYS	CIS	
2:29:03.570		1200	25		989	79	53.11	51.62	10.56	73	52.72	105	123	45	147				1	PAR	
	51.52	10.56																			
2:29:03.573	0053-1626	1200	1200	13	102	890	77	51.25	50.40	11.27			-128	59	298	146			1	DEV	
	50.00	11.25																			
2:29:03.574		0000	21		359	75	44.94	44.35	11.57	75	45.75	-290	-35	253	302				80	1	PAR
	44.35	11.57																			
2:29:03.577	0020-1606	0000	10		301	70	47.39	.00	.20				-96	233	343	306			50	1	PT
	44.67	15.94																			
2:29:03.579	0020-1607	0000	13		911	80	47.66	.00	.20				89	-290	163	303			30	1	LT
	45.95	8.19																			
2:29:03.939		0260	15		249	93	30.35	30.51	3.58	83	30.84	-107	-54	243	113				1	NRM	
	30.51	3.68																			
2:29:03.939		0152	0162	47	1002	93	35.24	35.35	1.01	99	35.34	-65	63	313	20				1	NRM	
	35.43	.96																			
SUBSYS = 1 TOTAL = 12 MODE C TOTAL = 4																					
2:29:13.695		1200	34		143	12	77.85	16.99	75.37	12	77.16	26	176	8	179				1	PAR	
	15.99	75.37																			
2:29:13.697	0074-1604	1200	1200	10	75	163	14	74.15	.00	.20			-27	-174	198	177			1	RT	
	18.43	71.82																			
2:29:13.690	0074-1613	1200	1200	10	75	127	11	73.84	.00	.20			-24	-175	187	177			1	IT	
	14.39	72.42																			
2:29:13.439	JL1629 -0057	1550	1550	47	350	490	42	56.07	37.73	43.21	41	57.49	-30	-495	193	497	UAR	N	1	NRM	
	37.73	43.17																			
2:29:20.576		1200	1200	27	107	972	76	50.67	49.67	11.46	77	50.89	-152	86	299	174			1	PAR	
	49.81	11.37																			
2:29:20.959		0152	0162	47	999	97	34.96	35.09	1.17	93	35.10	-71	59	309	93				1	NRM	
	35.17	1.15																			
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 4																					
2:29:31.555	JL1629 -0057	1550	1550	47	350	492	43	54.90	37.68	41.57	42	53.12	-30	-494	193	496	UAR	N	1	NRM	
	37.68	41.53																			
2:29:32.659		1200	25		867	76	50.25	49.31	11.55	75	50.55	-152	36	292	174				1	PAR	
	49.31	11.65																			
2:29:32.531	0055-1610	1200	12	127	970	76	49.69	49.81	11.34				-225	40	290	230			1	DEV	
	49.31	11.64																			
2:29:33.051		0162	0162	47	994	97	34.74	34.96	1.32	97	34.29	-70	59	309	92				1	NRM	
	34.93	1.35																			
2:29:33.053		1200	1200	47	1032	90	36.54	36.98	-50	90	36.91	-114	95	306	143				1	NRM	
	37.01	-75																			
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 2																					
2:29:43.359	JL1629 -0057	1550	1550	47	350	506	44	53.54	37.62	39.76	43	54.60	-26	-497	193	498	UAR	N	1	NRM	
	37.60	39.95																			
2:29:44.435		0000	24		371	76	50.93	49.75	11.01	77	49.91	73	210	19	224				80	1	NRM
	49.75	11.01																			
2:29:44.499		1200	1200	27	101	977	77	49.91	49.46	10.56	77	49.57	-218	-16	265	219			1	NRM	
	49.39	11.00																			
2:29:44.375		0162	0162	47	990	97	34.53	34.70	1.54	97	34.75	-68	54	312	93				1	NRM	
	34.71	1.59																			
2:29:44.376		1200	1200	47	1027	90	36.30	36.73	-50	90	36.65	-110	86	308	140				1	NRM	
	36.65	-46																			
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 2																					
2:29:55.391	JL1629 -0057	1550	1550	47	350	520	45	52.36	37.62	39.20	44	53.33	-18	-497	192	498	UAR	N	1	NRM	
	37.57	38.20																			
2:29:55.515		0000	23		863	75	51.25	49.43	11.79	75	50.69	73	210	19	224				80	1	NRM

TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACR	PDEG	PRAN	RX	RY	DDEG	ERAN	YV	YV	HTG	SPD	APS.2	SYS	CLS
2:29:55.518	49.43	11.79	1200	26	375	76	49.18	47.67	10.95	77	48.93	-218	-16	265	219			1	PAP
2:29:55.521	47.67	10.95	0055-1515	1200	13	45	903	79	50.29	49.21	10.01			81	-222	157	219	1	DFV
2:29:55.904	49.40	9.28	0162	0162	47		994	86	34.33	34.43	1.95	86	34.54	-67	70	316	97	1	NPM
2:29:55.905	34.57	1.34	1200	1200	47	6	1015	89	36.13	36.50	.26	89	36.39	-98	119	323	140	1	NPM
	35.42	.01																	
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 3																			
2:30:07.994	JL1628	-0057	1550	1550	47	350	535	47	51.21	37.59	36.45	45	52.14	-11	-199	181	499	UAR N	1 NPM
	37.54	35.51																	
2:30:09.629		0000		17	855	75	51.66	49.68	12.50	75	51.09	73	210	19	224			RC 1	NPM
	49.68	12.50																	
2:30:09.630		1200	1200	27	51	310	79	50.85	50.05	3.54	79	51.05	85	-201	156	218		1	PAP
	49.79	9.49																	
2:30:08.970		1200	1200	47	8	1011	88	35.71	35.00	.21	89	35.82	-101	107	316	147		1	NPM
	36.04	.32																	
2:30:09.972		0162	0162	47	379	85	34.10	34.17	2.20	86	34.31	-69	74	315	101			1	NPM
	34.25	2.10																	
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																			
2:30:19.933	JL1628	-0057	1550	1550	47	350	551	48	50.01	37.45	34.79	47	51.05	-16	-501	181	501	UAR N	1 NPM
	37.49	34.84																	
2:30:20.574		0000		14	847	74	52.09	49.93	13.20	75	51.53	73	210	19	224			RC 1	NPM
	49.93	13.20																	
2:30:20.576		1200	1200	37	79	921	80	51.14	50.23	9.70	80	51.10	98	-238	154	230		1	NPM
	50.17	8.75																	
2:30:21.055		1200	1200	47	10	1009	89	35.24	35.62	.31	89	35.52	-116	95	305	145		1	NPM
	35.62	.54																	
2:30:21.058		0162	0162	47	974	85	33.83	33.90	2.39	85	34.07	-74	73	314	104			1	NPM
	33.98	2.35																	
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																			
2:30:31.941	JL1628	-0057	1550	1550	47	350	566	49	48.82	37.29	33.29	49	50.03	-26	-497	183	499	UAR N	1 NPM
	37.35	33.19																	
2:30:32.715		1200		35	830	81	51.35	50.50	9.25	82	51.20	98	-222	154	230			1	PAP
	50.50	8.06																	
2:30:32.717	0055-1630	1200		12	79	929	81	50.84	49.95	9.10			19	-203	174	204		1	DFV
	50.29	7.40																	
2:30:33.097		1200	1200	47	12	1003	89	34.81	35.10	.35	89	35.07	-121	83	304	148		1	NPM
	35.20	.82																	
2:30:33.099		0162	0162	47	969	85	33.55	33.64	2.57	85	33.82	-79	69	311	106			1	NPM
	33.70	2.57																	
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																			
2:30:44.123	JL1628	-0057	1550	1550	47	350	583	51	47.73	37.34	31.51	49	49.03	-21	-499	182	498	UAR N	1 NPM
	37.31	31.51																	
2:30:44.970		1200	1200	27	101	931	81	50.24	49.46	7.95	80	50.25	-23	-176	187	179		1	PAP
	49.81	7.71																	
2:30:45.236		1200	1200	47	14	1002	88	34.25	34.60	.73	89	34.56	-138	56	292	149		1	NPM
	34.58	.93																	
2:30:45.237		0162	0162	47	965	84	33.26	33.37	2.76	85	33.58	-93	65	309	106			1	NPM
	33.40	2.79																	
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 3																			
2:30:55.993	JL1628	-0057	1550	1550	47	350	602	52	46.73	37.40	23.55	51	47.92	-7	-503	180	502	UAR N	1 NPM

TRACKING DATA

11/18/95

PAGE 12
SYS CTS

TIME	ACID/SK	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HDG	SPD	ADS	C	
2:30:53.747	37.32	29.81																	
	49.73	7.12	1200	25		933	82	50.09	49.73	7.12	81	50.41	-23	-175	187	179		1	PAP
2:30:55.750	0055-1607	1200	1200	13	103	909	79	49.09	48.97	8.46			-160	77	295	178		1	RTT
	49.31	8.55																	
2:30:57.133		1200		45		999	97	33.79	34.21	1.12	93	34.22	-138	55	292	149		1	PAP
	34.21	1.12																	
2:30:57.135	0003-1611	1200		12	14	1016	89	33.79	34.25	.20			-136	-79	279	157		1	DEV
	33.79	.39																	
2:30:57.136		0162	0162	47		960	94	33.00	33.10	3.20	94	33.35	-94	64	307	107		1	NPM
	33.12	3.00																	
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 3																			
2:31:03.019	JL1629 -0057	1550		45		521	54	45.71	37.29	23.14	52	47.02	-7	-503	180	502	UAR N	1	PAP
	37.29	29.14																	
2:31:03.019	0057-1604	1550		12	350	612	53	45.34	36.64	23.40			-105	-453	192	474		1	DEV
	36.62	26.71																	
2:31:03.775		1200	1200	27	77	899	79	49.29	49.01	9.12	79	49.94	-101	119	319	157		1	PAP
	49.71	8.93																	
2:31:09.141		1200	1200	27	16	1030	90	33.40	33.37	-.20	92	33.75	-130	-111	222	172		1	PAP
	33.84	.03																	
2:31:09.143		0162	0162	47		955	83	32.75	32.82	3.29	94	33.10	-93	69	309	109		1	NPM
	32.34	3.23																	
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 3																			
2:31:20.137	JL1629 -0057	1550		27	350	623	54	43.78	36.00	26.78	53	45.14	-139	-459	196	481	UAR N	1	PAP
	35.25	25.75																	
2:31:20.972		1200		25		993	73	49.02	49.37	9.34	79	49.33	-101	119	319	157		1	PAP
	48.37	9.34																	
2:31:20.975	0055-1620	1200	1200	13	30	899	78	50.75	49.37	10.12			83	133	32	158		1	FTT
	49.67	10.43																	
2:31:21.325		0162	0162	47		949	33	32.50	32.54	3.50	93	32.84	-93	69	309	109		1	NPM
	32.56	3.48																	
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																			
2:31:32.133	JL1629 -0057	1550		25		639	56	42.53	35.79	25.21	54	44.05	-139	-459	196	481	UAR N	1	PAP
	35.79	25.21																	
2:31:32.135	0057-1627	1550		12	350	625	55	42.10	35.00	25.62			-256	-421	212	479		1	DEV
	34.53	24.07																	
2:31:32.874		1200	1200	27	50	892	77	51.42	50.07	10.34	77	51.21	89	139	32	165		1	PAP
	49.90	10.65																	
2:31:33.258		0162	0162	47		943	82	32.25	32.26	3.75	83	32.60	-82	72	311	109		1	NPM
	32.29	3.73																	
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																			
2:31:44.251	JL1629 -0057	1550	1550	27	349	627	55	40.44	33.89	24.57	54	42.12	-291	-375	217	473	UAR N	1	PAP
	34.15	24.37																	
2:31:44.993		1200		26		977	77	51.81	50.20	11.12	77	51.37	88	138	32	165		1	PAP
	50.20	11.12																	
2:31:44.995	0055-1614	1200		12	50	933	78	52.25	50.81	12.34			180	22	82	182		1	DEV
	51.10	10.81																	
2:31:45.392		0162	0162	47		936	82	32.09	32.10	4.04	82	32.48	-75	79	316	109		1	NPM
	32.26	4.01																	
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																			
2:31:55.275	JL1629 -0057	1550	1550	37	350	630	55	38.77	32.87	23.21	54	40.52	-320	-354	221	435	UAR N	1	NPM
	33.01	23.18																	
2:31:55.970		1200	1200	27	81	895	78	52.75	51.10	10.15	79	52.15	180	-11	93	181		1	NPM

11/12/25															PAGE 12			
TIME	ACID/SX	ABC/SY	RBC	FRM	RALT	PACP	PDEG	PRAN	RX	RY	DDEG	DRAN	XV	YV	HDC SPD	ADS C	SYS	CIS
2:31:57.251	51.10	10.42																
	31.91	4.26	0162	0162	47			931	81	31.88	31.82	4.21	82	32.22	-75	77 315 107	1	NPM
SUBSYS = 1 TOTAL = 3 MODE C TOTAL = 2																		
2:32:03.157	JL1629	-0257	1550	1550	47	349	535	55	37.17	31.94	22.06	55	33.99	-329	-355	222 484	UAR N	1 NPM
	31.89	22.01																
2:32:03.901		1200			23		897	79	53.33	51.71	10.39	79	52.79	180	-11	93 181	1	PAR
	51.71	10.39																
2:32:09.923	0255-1505	1200			12	81	907	79	52.57	51.12	9.43			92	-156	149 181	1	DEV
	51.73	9.39																
2:32:09.235		0152	0162	47			924	81	31.75	31.65	4.59	81	32.09	-68	93 320 108		1	NPM
	31.59	4.56																
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																		
2:32:20.190	JL1629	-0257	1550	1550	47	349	642	55	35.58	30.73	20.81	55	37.33	-331	-355	222 485	UAR N	1 NPM
	32.75	20.32																
2:32:20.924		0000			24		893	77	51.48	49.46	10.70	77	50.59	226	119	62 255	PO 1	NPM
	49.45	10.70																
2:32:21.350		1200	1200	07	89	905	79	51.36	50.51	9.31	79	51.46	0	0	45 0		1	NPM
	50.51	9.31																
2:32:21.352		1200			22		893	79	53.92	52.31	10.34	79	53.37	190	-11	93 181	1	PAR
	52.31	10.34																
2:32:21.354		0162	0162	47			918	80	31.55	31.37	4.79	81	31.83	-69	81 319 107		1	NPM
	31.35	4.72																
SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 2																		
2:32:32.552	JL1629	-0257	1550	1550	47	349	650	57	34.02	29.73	12.52	55	35.91	-327	-359	222 485	UAR N	1 NPM
	29.70	19.60																
2:32:33.003		0000			23		892	77	52.31	50.28	11.04	77	51.44	226	119	62 255	PO 1	PAR
	50.28	11.04																
2:32:33.010	0160-1614	0000			12		875	76	51.45	49.34	11.23			93	115	32 173	PO 1	DEV
	50.12	11.62																
2:32:33.404		1200	1200	20	55	895	79	50.39	49.93	9.60	79	50.92	-161	94	297 191		1	NPM
	49.93	9.60																
2:32:33.405		1200			14		920	79	54.50	52.92	10.31	79	53.99	190	-11	93 181	1	PAR
	52.92	10.31																
2:32:33.408		0152	0162	47			913	80	31.31	31.09	5.00	80	31.58	-74	75 315 105		1	NPM
	31.09	5.26																
SUBSYS = 1 TOTAL = 6 MODE C TOTAL = 2																		
2:32:44.751	JL1629	-0257	1550	1550	47	349	658	57	32.45	29.57	18.40	57	34.16	-328	-359	222 486	UAR N	1 NPM
	29.59	18.42																
2:32:45.122		1200	1200	30	38	895	77	49.33	48.96	10.04	79	50.01	-247	114	294 272		1	NPM
	49.04	10.01																
2:32:45.123		0000			17		877	77	53.14	51.03	11.45	77	52.23	226	119	62 255	PO 1	PAR
	51.03	11.45																
2:32:45.493		0152	0162	47			909	79	31.03	30.79	5.18	80	31.31	-80	58 310 105		1	NPM
	30.81	5.26																
SUBSYS = 1 TOTAL = 4 MODE C TOTAL = 2																		
2:32:55.772	JL1629	-0257	1550	1550	47	349	655	58	30.89	27.48	12.34	57	32.64	-332	-352	223 483	UAR N	1 NPM
	27.45	17.25																
2:32:57.135		1200			27		878	72	48.61	48.21	10.39	77	49.32	-247	114 294 272		1	PAR
	48.21	10.39																
2:32:57.137	0125-1520	1200			12	38	890	79	48.50	48.31	9.53			-237	-14 265 238		1	DEV
	47.46	9.92																
2:32:57.139		0000			14		875	75	53.95	51.79	11.84	77	53.05	226	119	62 255	PO 1	PAR

TIME ACID/SY APC/SY RBC FRM RALT PACP PDEG PRAN RX RY DDEG DRAM XV YV ED7 SPD ADS C SYS CTS

2:32:57.535 51.79 11.84 0162 0162 47 922 79 30.78 30.50 5.49 79 31.25 -92 55 303 105 1 NRM

30.53 5.48

SUBSYS = 1 TOTAL = 5 MODE C TOTAL = 2

C.D.R. EDITOR LISTING

JL1529'S 350 DEGREE TURN

DATA SELECTED

RB BT RT TD

FILTERS

TIME: 11/18/86 02:32:00-11/18/86 02:50:00 CONTROLLER:
ALTITUDE: - ACID: SUBSYSTEM: 01
BEACON CODE: RANGE: 1- 35 AZIMUTH: 50- 12
ETG: N INTERFACILITY:

RADAR REINFORCED TARGET REPORTS							11/19/86	PAGE 1	
STIME	RANGE	ACP	DE2	Q	REASON	ALT	QUA	SYS	
2:32:03.996	32.87	1584	139	7	4371-3	155-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:32:14.042	34.87	1070	94	7	1200-3	17-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:32:25.610	35.37	1077	94	7	1200-3	16-3	RB	1	
2:32:29.614	9.50	2162	190	7	0165-3		RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
2:32:37.129	34.20	651	57	7	1550-3	349-3	RB	1	
2:32:38.631	35.75	1082	95	7	1200-3	16-3	RB	1	
2:32:41.635	9.25	2125	186	7	0165-3	31-3	RB	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3							
2:32:49.591	32.50	657	57	7	1550-3	349-3	RB	1	
2:32:53.726	9.20	2093	183	7	0165-3	29-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:33:21.621	32.87	659	59	7	1550-3	347-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:33:13.463	29.37	679	59	7	1550-3	346-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:33:25.541	27.87	689	62	7	1552-3	344-3	RB	1	
2:33:29.295	8.62	1970	173	7	0165-3	27-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:33:41.327	9.52	1938	172	7	0165-3	26-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:33:49.717	24.62	715	62	7	1550-3	340-3	RB	1	
2:33:52.971	9.50	1997	165	7	0165-3	25-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:34:13.727	21.53	754	66	7	1550-3	336-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:34:23.919	9.50	1732	155	7	0165-3		RB	1	
SUBSYS = 1	TOTAL = 1								
2:34:42.629	8.53	1746	153	7	0165-3	24-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:34:50.022	17.37	835	73	7	1552-3	330-3	RB	1	
2:34:52.352	9.50	1729	150	7	0165-3		RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1							
2:35:02.111	13.00	971	76	7	1550-3	327-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:35:25.593	13.97	975	85	7	1550-3	323-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:35:39.901	12.97	1045	91	7	1550-3	320-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:35:51.260	12.25	1135	99	7	1550-3	318-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:35:04.151	9.37	1500	131	7	0165-3		RB	1	
SUBSYS = 1	TOTAL = 1								
2:35:15.739	12.00	1339	117	7	1552-3	313-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:35:13.543	12.75	1527	134	7	1550-3	311-3	RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1							
2:35:51.750	10.00	1372	120	7	0165-3	19-3	RB	1	
2:35:52.501	13.37	1610	141	7	1550-3	310-3	RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2							
2:37:04.202	14.20	1595	149	7	1550-3	310-3	RB	1	

AARAR REINFORCED TARGET REPORTS

11/18/86

PAGE 2
QUA SYS

TIME	RANGE	ACP	DE3	Q	BEACON	ALT		
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:37:29.263	15.12	1329	160	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:37:39.592	11.25	1273	111	7	0165-3	17-3	RE	1
2:37:40.343	18.87	1494	130	7	2275-3	26-3	RE	1
2:37:41.762	15.50	1915	169	7	1550-3	311-3	RE	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 3						
2:37:51.853	11.50	1253	110	7	0165-5	15-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:38:03.501	11.87	1236	108	7	0165-3		RE	1
2:38:04.256	19.12	1449	127	7	2275-3	21-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:38:16.336	17.87	1434	126	7	2275-3	23-3	RE	1
2:38:19.211	15.12	2106	195	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:38:30.623	15.12	2175	191	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:38:42.031	17.12	1402	123	7	2275-3	23-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:38:07.329	15.37	2371	209	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:39:19.414	15.03	2433	214	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:39:28.179	15.12	1344	118	7	2275-3	22-3	RE	1
2:39:31.496	14.37	2504	220	7	1550-3	310-3	RE	1
	14.50	2514	220	7	0000-0		RE	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:39:40.136	15.75	1325	116	7	2275-3	21-3	RE	1
2:39:43.953	13.75	2570	225	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:39:52.219	15.62	1302	115	7	2275-3	20-3	RE	1
2:39:55.974	13.00	2635	231	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:40:04.239	15.50	1293	113	7	2275-3	19-3	RE	1
2:40:04.615	32.25	1572	139	7	1547-3	103-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:40:13.131	15.37	1276	112	7	2275-3	19-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:40:23.158	15.25	1259	110	7	2275-3	16-3	RE	1
2:40:32.565	10.00	2825	249	7	1550-3	310-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						
2:40:51.133	20.00	999	87	7	0162-3		RE	1
2:40:51.979	15.25	1223	107	7	2275-3	14-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:41:03.952	15.12	1205	105	7	2275-3	12-3	RE	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:41:15.411	19.97	1019	89	7	0162-1		RE	1
2:41:15.793	15.12	1199	101	7	2275-3	11-3	RE	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:41:27.499	19.75	1030	90	7	0162-3		RE	1
SUBSYS = 1	TOTAL = 1							
2:41:39.532	19.75	1041	91	7	0162-3		RE	1
SUBSYS = 1	TOTAL = 1							

RADAR REINFORCED TARGET REPORTS							11/19/96	PAGE		3
TIME	RANGE	ACP	DEP	Q	BEACON	ALT		QUA	SYS	
2:42:03.700	19.75	1065	93	2	0162-3			RB	1	
SUBSYS = 1	TOTAL = 1									
2:42:15.343	19.75	1079	94	7	0152-3			RB	1	
2:42:19.662	35.50	2490	218	7	1200-3	74-3		RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						RB	1	
2:42:27.549	19.75	1091	95	7	0152-3			RB	1	
2:42:31.579	35.20	2499	219	7	1202-3	74-3		RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						RB	1	
2:42:39.633	19.62	1103	96	7	0162-3			RB	1	
SUBSYS = 1	TOTAL = 1							RB	1	
2:42:51.659	19.50	1115	97	7	0152-3			RB	1	
SUBSYS = 1	TOTAL = 1							RB	1	
2:43:03.744	19.50	1129	99	7	0162-3			RB	1	
SUBSYS = 1	TOTAL = 1							RB	1	
2:43:15.826	19.37	1143	102	7	0162-3			RB	1	
2:43:17.706	16.12	1954	163	7	1550-3	310-3		RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						RB	1	
2:43:27.351	19.25	1153	101	7	0152-3			RB	1	
2:43:29.504	25.87	1335	117	7	1547-3	69-3		RB	1	
2:43:30.295	17.62	1875	164	7	1550-3	310-3		RB	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						RB	1	
2:43:40.393	25.62	1319	115	7	1547-3	55-3		RB	1	
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						RB	1	
2:44:52.523	19.25	1247	109	7	0152-3			RB	1	
SUBSYS = 1	TOTAL = 1							RB	1	
2:45:04.612	19.37	1250	110	7	0162-3			RB	1	
SUBSYS = 1	TOTAL = 1							RB	1	
2:45:29.710	19.50	1293	113	7	0162-3			RB	1	
SUBSYS = 1	TOTAL = 1							RB	1	
2:45:52.255	23.62	1127	99	7	1547-3	31-3		RB	1	
2:45:56.013	26.75	2395	209	7	0166-3	74-3		RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						RB	1	
2:46:03.265	23.50	1129	97	7	1547-3	23-3		RB	1	
2:46:04.718	19.62	1324	116	7	0152-3			RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						RB	1	
2:46:15.997	23.50	1090	95	7	1547-3	25-3		RB	1	
2:46:18.752	19.62	1336	117	7	0162-3			RB	1	
2:46:19.507	32.75	2221	195	7	1200-3			RB	1	
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						RB	1	
2:46:29.993	23.62	1074	94	7	1547-3	21-3		RB	1	
2:46:29.931	19.75	1351	119	7	0162-3			RB	1	
2:46:31.464	32.37	2212	194	7	1200-3			RB	1	
2:46:31.839	25.25	2363	207	7	0166-3	74-3		RB	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						RB	1	
2:46:40.127	23.62	1359	92	7	1547-3	22-3		RB	1	
2:46:43.925	24.75	2361	207	7	0166-3	74-3		RB	1	
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2						RB	1	
2:46:52.196	23.75	1041	91	7	1547-3	21-3		RB	1	
2:46:53.971	23.00	1372	120	7	0162-3			RB	1	
2:46:55.519	31.62	2203	193	7	1200-3			RB	1	
2:46:55.752	24.25	2352	206	7	0163-3	74-3		RB	1	
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2						RB	1	
2:47:04.939	23.87	1424	90	7	1547-3	20-3		RB	1	

RADAR REINFORCED TARGET REPORTS						11/19/93	PAGE 4	
TIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:47:05.152	20.12	1395	121	7	0132-3		RB	1
2:47:07.797	23.97	2341	205	7	0165-3	74-3	RB	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2						
2:47:17.199	20.25	1400	123	7	0162-3		RB	1
2:47:19.514	30.97	2202	193	7	1202-3		RB	1
2:47:19.899	23.37	2333	205	7	0166-3	74-3	RB	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:47:31.155	30.37	2197	192	7	1200-3		RB	1
2:47:31.557	22.87	2319	203	7	0155-3		RB	1
SUBSYS = 1	TOTAL = 2							
2:47:43.625	30.00	2201	193	7	1200-3		RB	1
2:47:44.002	22.50	2312	203	7	0166-3	74-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:47:55.707	23.62	2195	192	7	1202-3		RB	1
	22.00	2303	202	7	0166-3	74-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:48:07.351	21.50	2297	201	7	0166-3	74-3	RB	1
SUBSYS = 1	TOTAL = 1	MODE C TOTAL = 1						
2:48:10.511	29.87	2191	191	7	1202-3		RB	1
SUBSYS = 1	TOTAL = 1							
2:48:31.524	23.50	2159	190	7	1202-3		RB	1
	20.62	2272	199	7	0166-3	74-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:48:41.371	19.12	1457	129	7	0162-3		RB	1
2:48:43.524	20.25	2251	199	7	0162-3	74-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:48:53.455	19.75	1462	129	7	0162-3		RB	1
2:48:55.332	27.75	2152	189	7	1200-3		RB	1
2:48:55.703	12.75	2252	197	7	0166-3	74-3	RB	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:49:07.541	27.37	2143	188	7	1200-3		RB	1
2:49:07.792	19.37	2215	194	7	0155-3	74-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:49:17.561	19.12	1458	129	7	0162-3		RB	1
2:49:19.629	27.00	2133	197	7	1202-3		RB	1
	19.00	2211	194	7	0155-3	74-3	RB	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1						
2:49:31.651	26.62	2125	186	7	1200-3		RB	1
	18.62	2209	194	7	0155-3	73-3	RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1						
2:49:41.491	17.62	1455	127	7	0162-3		RB	1
SUBSYS = 1	TOTAL = 1							
2:49:53.508	17.37	1448	127	7	0162-3		RB	1
2:49:55.399	25.37	2116	135	7	1202-3		RB	1
SUBSYS = 1	TOTAL = 2							

March 5, 1987
FAA, Alaskan Region
Public Affairs Office
701 C Street, Box 14
Anchorage, Alaska 99513

COMPUTER CDR PRINTOUT

Reference to Japan Air Lines Flight #1628
November 17, 1986, 5:19 pm AKST
RECORDED FAA RADAR DATA

TIME:11/18/86, 02:11.23 UTC
11/18/86, 02:49.13 UTC*

(38 minutes computer time)
(20 minutes between first and last uncorrelated return)

RANGE:35-215, **AZIMUTH:** 1-90

1550 = Computer assignment number for JAL #1628.

RB = Reinforced Beacon return (Normal)
RT = Primary radar return, uncorrelated (Skin/surface)
BT = Secondary radar return, (Beacon/transponder)

Number of pages in computer printout = 15
Pages with uncorrelated returns: 2,3,4,5,6,7,10.

19 = NUMBER OF UNCORRELATED RETURNS
86 = NUMBER OF USABLE RADAR RETURNS
105 = TOTAL NUMBER OF RETURNS FOR ABOVE TIME FRAME.

0219:15, (5:19 pm) Pilot first questioned ARTCC re other traffic.
0253:13, (5:53 pm) Pilot said, "I couldn't see UFO".

*UTC = UNIVERSAL TIME COORDINATED

3/3/87

CDR EDITOR LISTING

D1

DATA SELECTED

BT-RT RB

FILTERS

TIME: 11/18/86-02:11:00-11/18/86-02:50:00 CONTROLLER:
ALTITUDE: - ACIL: SUBSYSTEM: 01
BEACON CODE: RANGE: 35-215-AZIMUTH: 1-90
ETG: N INTERFACILITY:

1

STIME=TIME,		Range+Azimuth Direction equal JAL #1628				11/18/86	PAGE 1		
BEACON	TARGET REPORTS	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
	STIME								
SUBSYS	2:11:23.549	165.00	862	75	7			RT	1
	= 1 TOTAL =	1							
	2:11:33.700	194.75	153	13	7	1550-3	350-3	RB	1
	2:11:35.512	103.25	808	71	7			RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:11:45.735	193.12	153	13	7	1550-3		RB	1
	2:11:47.619	103.37	807	70	7			RT	1
SUBSYS	= 1 TOTAL =	2							
	2:11:57.761	191.50	154	13	7	1550-3	350-3	RB	1
	2:11:59.637	103.25	806	70	7			RT → RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:12:09.786	189.87	152	13	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:12:21.827	188.25			7	1550-3		RB	1
SUBSYS	= 1 TOTAL =	1							
	2:12:33.603	144.37			7			RT	1
		186.75			7			RT	1
		186.50			0	1550-3		BT	1
		103.25			7			RT	1
SUBSYS	2:12:35.481		4 MOI						
	= 1 TOTAL =	4							
	2:12:45.630	184.87			0	1550-3		BT	1
SUBSYS	= 1 TOTAL =	1	MOI						
	2:12:57.718	183.25	160	14	0	1550-3	351-3	BT	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:09.799	181.62	160	14	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:21.829	180.00	161	14	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:33.723	178.37	163	14	7	1550-3	351-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:13:45.810	144.12	146	12	7			RT	1
		176.75	165	14	7	1550-3	350-3	RB	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:13:57.836	175.12	164	14	7	1550-3	350-3	RB	1
	2:14:09.551	144.12	37	3	7			RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:14:09.926	173.50	167	14	7	1550-3	350-3	RB	1
	2:14:11.807	103.25	810	71	7			RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:14:21.952	171.87	167	14	0	1550-3	350-3	BT	1
		171.62	169	14	7			RT	1
		103.25	806	70	7			RT	1
SUBSYS	2:14:23.833		3 MODE C TOTAL =	1					
	= 1 TOTAL =	3							
	2:14:34.042	170.12	172	15	7			RT	1
		170.25	169	14	0	1550-3	350-3	BT	1
		103.25	827	70	7			RT	1
SUBSYS	2:14:35.918		3 MODE C TOTAL =	1					
	= 1 TOTAL =	3							
	2:14:45.872	168.62	170	14	7	1550-3	350-3	RB	1
SUBSYS	= 1 TOTAL =	1	MODE C TOTAL =	1					
	2:14:57.954	167.00	172	15	7	1550-3	349-3	RB	1
	2:14:59.833	103.37	807	70	7			RT	1
SUBSYS	= 1 TOTAL =	2	MODE C TOTAL =	1					
	2:15:10.041	166.37	173	15	7	1550-3	349-3	RB	1

DISTANCE BETWEEN
SIGNAL RETURN

RT/BT
1/8 to 1/4 MILE

1550- Computer
assigned
number
for
JAL#1628

UNCORRELATED
PRIMARY
RETURN (skin)

EXAMPLE OF
COORDINATED
or rein-
forced return

RB-NORMAL
reinforced
beacon
(return)
RT-PRIMARY
Return
(Uncorrelated
Skin/Surface
BT-SECONDARY
(Transpond.)

(2)

BEACON TARGET REPORTS		11/18/86					PAGE 2	
TIME	RANGE	AGP	DEG	Q	BEACON	ALT	QUA	SYS
2:15:10.416	35.25	240	21	7	1200-3	← 1200-3 Code VFR Aircraft, not under FAA control	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:15:22.069	163.75	175	15	7	1550-3		RB	1
2:15:22.444	35.75	238	20	7	1200-3		RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:15:34.159	162.25	175	15	0	1550-3		BT	1
	162.12	178	15	7	1550-1		RB	1
	36.37	235	20	7	1200-3		RB	1
2:15:36.038	103.25	807	70	7			BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:15:46.239	160.75	178	15	7			RT	1
	160.50	177	15	0	1550-3	349-3	BT	1
	37.00	231	20	7	1200-3		RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1					
2:15:58.083	158.87	178	15	7			RT	1
	159.00	179	15	0	1550-3	349-3	BT	1
2:15:58.458	37.62	231	20	7	1200-3	75-3	RB	1
2:16:00.024	103.25	807	70	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:16:10.170	157.25	180	15	7	1550-3	349-3	RB	1
	38.25	226	19	0	1200-3	75-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:16:22.196	155.75	182	15	7	1550-3	349-3	RB	1
	38.87	226	19	0	1200-3	75-3	BT	1
2:16:24.138	103.25	806	70	7			RT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:16:34.300	154.12	184	16	7	1550-3	349-3	RB	1
	39.50	223	19	7			RT	1
	39.37	225	19	0	1200-3	75-3	BT	1
2:16:36.178	103.25	806	70	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:16:46.324	152.37	186	16	7			RT	1
	152.50	186	16	0	1550-3	349-3	BT	1
	40.00	222	19	7	1200-3	75-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:16:58.344	150.87	187	16	7	1550-3	349-3	RB	1
	40.50	219	19	7	1200-3	75-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:17:10.371	149.25	189	16	7	1550-3	349-3	RB	1
	41.12	218	19	7	1200-3	75-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:17:22.397	147.62	190	16	7	1550-3	349-3	RB	1
	41.75	215	18	7	1200-3	75-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:17:34.420	146.00	192	16	7	1550-3	349-3	RB	1
	42.37	212	18	0	1200-3	75-3	BT	1
2:17:37.050	36.75	1030	90	0	0313-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3					
2:17:46.444	144.37	194	17	7	1550-3	349-3	RB	1
	43.00	210	18	7	1200-3	75-3	RB	1
2:17:48.701	36.37	1015	89	0	0313-3	6-3	BT	1
	36.50	1031	90	0	0313-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					

BEACON TARGET REPORTS

STIME	RANGE	AGP	DEG	Q	11/18/86 BEACON	ALT	QUA	PAGE 3 SYS
2:17:58.464	142.62	196	17	7			RT	1
	142.75	196	17	0	1550-3	350-3	BT	1
	43.62	208	18	0	1200-3	74-3	BT	1
SUBSYS = 1 TOTAL =	36.00	1022	89	0	0313-3	8-3	BT	1
2:18:00.716	4	MODE C TOTAL =	3					
2:18:10.308	141.12	196	17	7	1550-3	350-3	RB	1
2:18:10.685	44.12	206	18	0	1200-3	74-3	BT	1
2:18:12.938	35.62	1005	88	0	0313-1		BT	1
	35.75	1017	89	0	0313-3	11-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:18:22.327	139.62	199	17	7	1550-3	350-3	RB	1
2:18:22.703	44.75	205	18	0	1200-3	74-3	BT	1
2:18:24.958	35.37	1006	88	0	0313-3	13-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3					
2:18:34.415	137.87	201	17	7	1550-3	350-3	RB	1
	45.37	202	17	0	1200-3	74-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:18:46.495	136.25	203	17	7	1550-3	350-3	RB	1
	45.87	199	17	0	1200-3	74-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:18:58.516	134.62	206	18	7			RT	1
	134.75	206	18	0	1550-3	350-3	BT	1
	46.50	196	17	0	1200-3	75-3	BT	1
2:19:00.394	103.25	807	70	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:19:10.602	47.12	194	17	0	1200-3	75-3	BT	1
	133.12	208	18	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:19:22.428	47.75	192	16	0	1200-3	75-3	BT	1
2:19:22.804	131.50	210	18	7	1550-3	350-3	RB	1
2:19:24.307	103.37	806	70	7			RT	1
2:19:34.133	144.50	48	4	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:19:34.636	48.37	190	16	0	1200-3	75-3	BT	1
	129.87	213	18	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:19:46.525	48.87	179	15	0	1200-3	74-3	BT	1
	49.00	196	17	0	1200-3		BT	1
	128.25	214	18	7	1550-3	350-3	RB	1
2:19:58.249	144.62	45	3	7			RT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:19:58.623	49.50	185	16	0	1200-3	74-3	BT	1
	126.62	216	18	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:20:10.640	50.25	189	16	7	0000-0		RB	1
	50.12	184	16	0	1200-3		BT	1
	125.00	218	18	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1					
2:20:22.662	50.75	181	15	0	1200-3	74-3	BT	1
	123.37	225	19	7			RT	1
	123.50	222	19	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:20:34.493	51.37	180	15	0	1200-3		BT	1

(4)

BEACON TARGET REPORTS						11/18/86			PAGE	4
STIME	RANGE	ACP	DEG	Q	BEACON	ALT			QUA	SY
2:20:34.868	121.87	224	19	7	1550-3	350-3			RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1								
2:20:46.574	52.00	184	16	0	1200-3	75-3			BT	1
	51.87	177	15	7	1200-3				RE	1
	120.12	227	19	7					RT	1
2:20:46.948	120.25	227	19	0	1550-3	350-3			BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2								
2:20:58.585	52.50	177	15	0	1200-3	74-3			BT	1
2:20:58.962	118.62	228	20	7	1550-3	350-3			RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2								
2:21:10.666	53.12	175	15	0	1200-3	74-3			BT	1
2:21:11.041	117.00	232	20	7	1550-3	350-3			RE	1
2:21:12.543	103.37	806	70	7					RT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2								
2:21:22.750	53.62	171	15	7					KT	1
	53.75	176	15	0	1200-3	75-3			BT	1
	115.37	236	20	7					RT	1
	115.50	235	20	0	1550-3	350-3			BT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 2								
2:21:34.775	54.37	175	15	7	1200-3	75-3			RE	1
	113.87	238	20	7	1550-3	350-3			RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2								
2:21:46.615	54.87	174	15	0	1200-3				BT	1
2:21:46.990	112.37	240	21	7	1550-3	350-3			RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 1								
2:21:58.696	55.50	174	15	7	1200-3	75-3			RE	1
2:21:59.073	110.62	246	21	7					RT	1
	110.75	242	21	0	1550-3	350-3			BT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2								
2:22:10.716	56.25	175	15	7					RT	1
	56.12	173	15	0	1200-3				BT	1
2:22:11.094	109.12	247	21	7	1550-3	350-3			RE	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1								
2:22:22.794	56.75	172	15	7	1200-3				RE	1
2:22:23.170	107.50	249	21	7	1550-3	350-3			RB	1
2:22:24.672	103.25	807	70	7					RT	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 1								
2:22:34.880	57.37	171	15	7	1200-3				RF	1
	105.87	255	22	7					KT	1
	106.00	252	22	7	1550-3	350-3			RE	1
2:22:46.341	144.62	45	3	7					RT	1
SUBSYS = 1	TOTAL = 4	MODE C TOTAL = 1								
2:22:46.718	58.00	169	14	7	1200-3	75-3			RB	1
2:22:47.217	104.37	257	22	7	1550-3				RB	1
SUBSYS = 1	TOTAL = 8	MODE C TOTAL = 1								
2:22:58.800	58.62	168	14	7	1200-3	75-3			RB	1
2:22:59.177	102.87	258	22	7	1550-3	350-3			RB	1
SUBSYS = 1	TOTAL = 2	MODE C TOTAL = 2								
2:23:10.826	59.00	171	15	7					RT	1
	59.25	167	14	0	1200-3	75-3			BT	1
2:23:11.200	101.25	263	23	7	1550-3	350-3			RB	1
SUBSYS = 1	TOTAL = 3	MODE C TOTAL = 2								
2:23:22.912	59.75	166	14	7	1200-3	75-3			RE	1

BEACON TARGET REPORTS
STIME

11/18/86

PAGE

5
SYS

	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	
2:23:23.289	99.62	271	23	7			RT	1
	99.75	266	23	0	1550-3	350-3	BT	1
2:23:25.169	35.00	932	81	0	0260-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:23:34.944	60.37	165	14	7	1200-3	75-3	RB	1
2:23:35.320	98.12	270	23	7	1550-3	350-3	RB	1
2:23:37.202	35.12	928	81	0	0260-3		BT	1
2:23:37.575	36.87	1034	90	0	1200-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:23:47.040	61.00	163	14	7	1200-3	75-3	RB	1
2:23:47.414	96.62	274	24	7	1550-3	350-3	RB	1
2:23:49.291	35.00	927	81	0	0260-3		BT	1
	36.62	1030	90	0	1200-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:23:58.936	61.50	161	14	7	1200-3		RB	1
	95.25	283	24	7			RT	1
2:23:59.443	95.12	279	24	0	1550-3	350-3	BT	1
2:24:01.572	36.12	1023	89	0	1200-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1					
2:24:10.961	62.12	155	13	7	1200-3	75-3	RB	1
	62.25	168	14	0	1200-3	75-3	RB	1
2:24:11.462	93.50	282	24	7	1550-3	350-3	BT	1
2:24:13.593	35.75	1015	89	0	1200-3	11-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	4					
2:24:23.047	62.75	160	14	7	1200-3	75-3	RB	1
2:24:23.422	92.00	288	25	7	1550-3	350-3	RB	1
2:24:25.301	35.25	1012	88	0	1200-3	14-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3					
2:24:35.072	63.37	158	13	7	1200-3	75-3	RB	1
2:24:35.447	90.62	295	25	7			RT	1
	90.37	293	25	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:24:47.090	64.00	156	13	7	1200-3	75-3	RB	1
2:24:47.466	88.87	298	26	7	1550-3	350-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:24:59.110	64.62	155	13	7	1200-3	74-3	RB	1
2:24:59.487	87.37	304	26	7	1550-3	350-3	RB	1
2:25:01.741	48.12	1025	90	7	1200-3		RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:25:10.951	65.12	155	13	7			RT	1
	65.25	154	13	0	1200-3	74-3	BT	1
2:25:11.325	85.87	307	26	0	1550-3	351-3	BT	1
2:25:13.579	48.37	1018	89	7	1200-3	114-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:25:22.980	65.75	153	13	7	1200-3	74-3	RB	1
2:25:23.480	84.37	314	27	7	1550-3	350-3	RB	1
2:25:25.669	48.62	1011	88	0	1200-3	112-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3					
2:25:35.071	66.37	150	13	0	1200-1		BT	1
	66.50	154	13	7	1200-3		RB	1
2:25:35.446	82.87	319	28	7	1550-3	350-3	RB	1
2:25:37.700	48.87	996	87	7	1200-3	109-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					

(6)

BEACON TARGET REPORTS

11/18/86

PAGE 6

TIME	RANGE	ACF	DEG	Q	BEACON	ALT	QUA	SYS
2:25:47.153	67.00	150	13	0	1200-3	75-3	BT	1
2:25:47.529	81.37	328	28	7	1550-3	350-3	RB	1
2:25:49.408	49.25	983	86	7	1200-3	105-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3					
2:25:59.169	67.75	151	13	7			RT	1
	67.62	151	13	0	1200-3	75-3	BT	1
2:25:59.543	79.87	331	29	7	1550-3	350-3	RB	1
2:26:01.485	49.75	967	84	0	1200-3	97-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:26:11.064	68.12	158	13	7			RT	1
	68.25	150	13	0	1200-3	75-3	BT	1
2:26:11.814	78.37	338	29	7	1550-3	350-3	RB	1
2:26:13.318	50.37	955	83	0	1200-3	88-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:26:23.149	66.87	149	13	7	1200-3	75-3	RB	1
2:26:23.902	76.87	344	30	7	1550-3	350-3	RB	1
2:26:25.405	51.00	952	83	7			RT	1
	50.87	946	83	0	1200-3	79-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:26:35.174	69.50	148	13	0	1200-3	74-3	BT	1
2:26:35.925	75.37	353	31	7	1550-3	350-3	RB	1
2:26:37.429	51.50	924	81	7	1200-3	71-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	3					
2:26:47.256	70.00	148	13	7	1200-3	74-3	RB	1
2:26:47.759	73.87	362	31	7			RT	1
	74.00	360	31	7	1550-3	350-3	RB	1
2:26:49.514	51.62	917	80	7			RT	1
	51.75	916	80	0	1200-3	61-3	BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:26:59.279	70.62	144	12	0	1200-1		BT	1
	70.75	150	13	7	1200-3	75-3	RB	1
2:26:59.654	72.50	366	32	7	1550-3	350-3	RB	1
2:27:01.220	52.62	911	80	7			RT	1
2:27:01.594	51.12	902	79	7	1200-3	45-3	RB	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:27:11.364	71.25	148	13	7	1200-3	75-3	RB	1
2:27:11.740	71.12	373	32	7	1550-3	350-3	RB	1
2:27:13.242	52.87	903	79	7			RT	1
	50.37	890	78	7	1200-3	46-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:27:23.203	71.50	149	13	7			RT	1
	71.87	147	12	0	1200-3	75-3	BT	1
2:27:23.954	69.62	363	33	7	1550-3		RB	1
	69.87	392	34	0	0000-0		BT	1
2:27:25.457	49.87	876	76	7	1200-3	56-3	RB	1
2:27:25.833	37.12	1034	90	0	0162-3		BT	1
SUBSYS = 1 TOTAL =	6	MODE C TOTAL =	2					
2:27:35.228	72.50	146	12	7	1200-3	75-3	RB	1
2:27:35.980	68.25	390	34	0	1550-3	350-3	BT	1
2:27:37.173	103.25	806	70	7			RT	1
	52.25	875	76	7			RT	1
2:27:37.548	50.37	868	76	7	1200-3	64-3	RB	1
	36.87	1035	90	0	0162-3		BT	1

0162 Code
Reserved for aircraft
under Anchorage
Airport Approach
Control. (Not
enroute)

7

BEACON TARGET REPORTS		11/18/86		PAGE		7		
STIME	RANGE	ACP	BEG	Q	BEACON	ALT	QUA	SYS
SUBSYS = 1 TOTAL =	6 MODE C TOTAL =	3						
2:27:47.318	73.12 147	12	7		1200-3	75-3		
2:27:48.070	66.87 398	34	0		1550-3	350-3	RB	1
2:27:49.197	51.75 860	75	7				BT	1
	50.37 884	77	7				RT	1
2:27:49.573	50.50 877	77	0		1200-3	45-3	RT	1
2:27:49.948	36.75 1030	90	0		0162-3		BT	1
							BT	1
SUBSYS = 1 TOTAL =	6 MODE C TOTAL =	3						
2:27:59.398	73.62 146	12	7		1200-3	75-3		
2:28:00.151	65.37 428	37	0		0000-0		RB	1
	65.50 404	35	0		1550-3	350-3	BT	1
2:28:01.276	50.87 854	75	7				BT	1
	50.12 886	77	7				RT	1
	50.50 888	78	0		1200-3	46-3	RT	1
2:28:02.029	36.50 1026	90	0		0162-3		BT	1
							BT	1
SUBSYS = 1 TOTAL =	7 MODE C TOTAL =	3						
2:28:11.415	74.25 146	12	7		1200-3	75-3		
2:28:12.228	64.00 417	36	7		1550-3	350-3	RB	1
2:28:13.354	49.87 860	75	7				RB	1
	50.25 888	78	7				RT	1
	51.25 907	79	7				RT	1
2:28:13.729	51.12 902	79	0		1200-3	58-3	RT	1
	36.25 1022	89	0		0162-3		BT	1
							BT	1
SUBSYS = 1 TOTAL =	7 MODE C TOTAL =	3						
2:28:23.314	74.87 145	12	7		1200-3	75-3		
2:28:24.066	62.75 425	37	0		1550-3	350-3	RB	1
	62.62 438	38	7		0000-0		BT	1
2:28:25.193	48.75 858	75	7				RB	1
2:28:25.569	51.75 903	79	0		1200-3	78-3	RT	1
2:28:25.945	36.12 1017	89	0		0162-3		BT	1
							BT	1
SUBSYS = 1 TOTAL =	6 MODE C TOTAL =	3						
2:28:35.332	75.50 145	12	7		1200-3	75-3		
2:28:36.083	61.37 437	38	7		1550-3	350-3	RB	1
2:28:37.584	52.12 898	78	7		1200-3	101-3	RB	1
2:28:38.094	35.87 1013	89	0		0162-3		RB	1
							BT	1
SUBSYS = 1 TOTAL =	4 MODE C TOTAL =	3						
2:28:48.174	60.00 448	39	7		1550-3	350-3		
2:28:49.677	52.00 889	78	0		1200-3	105-3	RB	1
2:28:50.052	35.62 1012	88	0		0162-3		BT	1
							BT	1
SUBSYS = 1 TOTAL =	3 MODE C TOTAL =	2						
2:29:00.193	58.62 457	40	0		1550-3	350-3		
2:29:01.756	51.62 883	77	0		1200-3	102-3	BT	1
	48.00 900	79	7				BT	1
	35.37 1005	88	0		0162-3		RT	1
2:29:02.131	37.62 1031	90	0		1200-3		BT	1
							BT	1
SUBSYS = 1 TOTAL =	5 MODE C TOTAL =	2						
2:29:12.262	57.37 468	41	7		1550-3	350-3		
2:29:13.408	49.37 897	78	7				RB	1
2:29:13.785	51.00 876	76	7		1200-3	107-3	RT	1
	35.12 1002	88	0		0162-3		RB	1
							BT	1
SUBSYS = 1 TOTAL =	4 MODE C TOTAL =	2						
2:29:24.372	56.12 480	42	7		1550-3	350-3		
2:29:25.497	50.12 875	76	0		1200-3	112-3	RB	1
							BT	1

(8)

BEACON TARGET REPORTS
STIME

11/18/86

PAGE 8
QUA SYS

RANGE ACP DEG Q

BEACON ALT

STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
2:29:25.875	50.25	886	77	7			RT	1
2:29:26.250	35.00	999	87	0	0162-3		BT	1
SUBSYS = 1 TOTAL =	37.00	1035	90	0	1200-3		BT	1
2:29:36.389	54.75	494	43	7	1550-3	350-3	RB	1
2:29:37.517	50.00	879	77	7			RT	1
	49.62	884	77	7	1200-3	101-3	RB	1
2:29:38.268	36.75	1033	90	0	1200-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:29:48.598	53.62	507	44	7	1550-3	350-3	RB	1
2:29:49.727	49.25	877	77	7			RT	1
	50.25	893	78	7	1200-3	45-3	RB	1
2:29:50.228	36.37	1025	90	0	1200-3		BT	1
	36.50	1019	89	0	1200-3	6-3	BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:30:00.313	99.12	381	33	7			RT	1
2:30:00.689	52.37	522	45	7	1550-3	350-3	RB	1
2:30:01.814	48.75	887	77	7			RT	1
	51.00	900	79	0	1200-3	61-3	BT	1
2:30:02.192	36.00	1020	89	0	1200-3	8-3	BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:30:12.711	51.12	536	47	7	1550-3	350-3	RB	1
2:30:13.838	48.12	896	78	7			RT	1
	51.00	912	80	7	1200-3	79-3	RB	1
2:30:14.213	35.62	1018	89	0	1200-3	10-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	3					
2:30:24.789	50.00	549	48	0	1550-3	350-3	BT	1
2:30:25.916	48.75	897	78	7			RT	1
	50.75	911	80	7			RT	1
	50.62	919	80	0	1200-3	94-3	BT	1
2:30:26.291	35.12	1008	88	0	1200-3	12-3	BT	1
SUBSYS = 1 TOTAL =	5	MODE C TOTAL =	3					
2:30:36.872	48.87	567	49	0	1550-3	350-3	BT	1
2:30:37.999	50.12	920	80	7	1200-3	101-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:30:48.958	47.62	579	50	0	1550-3		BT	1
	47.75	587	51	7	1550-3	350-3	RB	1
2:30:49.710	50.62	897	78	7			RT	1
	49.62	912	80	7	1200-3	103-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:31:00.862	46.37	594	52	0	1550-3	350-3	BT	1
2:31:01.989	49.62	905	79	7			RT	1
	49.87	904	79	0	1200-3	77-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:31:13.256	44.87	607	53	7	1550-3	350-3	RB	1
2:31:14.008	50.37	892	78	7	1200-3	30-3	RB	1
	49.75	918	80	7			RT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:31:24.959	43.37	612	53	0	1550-3	350-3	BT	1
2:31:25.335	51.25	760	66	0	1200-3		BT	1
2:31:26.086	51.25	885	77	7	1200-3	50-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:31:36.985	41.87	615	54	0	1550-3	349-3	BT	1

BEACON TARGET REPORTS

11/18/86

PAGE 9
SYS

STIME	RANGE	AGP	DEG	Q	BEACON	ALT	QUA	SYS
2:31:37.736	48.37	899	79	7			RT	1
2:31:38.114	51.87	893	78	7	1200-3	65-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:31:49.086	40.25	623	54	7	1550-3	350-3	RB	1
2:31:49.836	48.87	889	78	7			RT	1
	52.12	896	76	7	1200-3	81-3	RB	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:32:01.307	38.75	629	55	7	1550-3	349-3	RB	1
2:32:01.807	103.37	806	70	7			RT	1
2:32:02.122	50.00	892	78	7			RT	1
	52.00	905	79	7	1200-3	91-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:32:13.011	37.25	632	55	7			RT	1
2:32:13.387	37.12	636	55	0	1550-3	349-3	BT	1
2:32:13.764	50.62	885	77	7			RT	1
2:32:14.141	51.37	905	79	7	1200-3	89-3	RB	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:32:25.105	35.75	644	56	7			RT	1
2:32:25.481	35.62	644	56	0	1550-3	349-3	BT	1
2:32:25.856	50.62	878	77	7			RT	1
	50.87	900	79	0	1200-3	56-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:32:37.879	49.87	862	75	7			RT	1
2:32:38.255	50.00	892	78	7	1200-3	38-3	RB	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1					
2:32:49.967	49.25	897	78	7	1200-3	69-3	RB	1
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1					
2:33:01.995	49.37	904	79	7	1200-3	92-3	RB	1
SUBSYS = 1 TOTAL =	1	MODE C TOTAL =	1					
2:33:14.213	49.75	928	79	7	1200-3	99-3	RB	1
2:33:14.714	37.12	1033	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:33:25.918	103.37	806	70	7			RT	1
2:33:26.293	51.25	904	79	7			RT	1
	50.25	910	79	7	1200-3	101-3	RB	1
2:33:26.668	37.00	1033	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1					
2:33:37.946	51.62	891	78	7			RT	1
2:33:38.321	50.62	907	79	7	1200-3	103-3	RB	1
2:33:38.696	36.87	1025	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1					
2:33:49.968	51.75	877	77	7			RT	1
2:33:50.408	50.50	898	78	7	1200-3	56-3	RB	1
2:33:50.720	36.87	1032	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1					
2:34:02.056	51.50	873	76	7			RT	1
	49.87	887	77	7	1200-3	43-3	RB	1
2:34:02.806	36.75	1032	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:34:14.081	103.25	806	70	7			RT	1
	49.00	888	78	0	1200-3	71-3	BT	1
2:34:14.833	36.75	1032	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					

4441 = Military Flts

4371 Code = C-130

(10)

BEACON TARGET REPORTS		11/18/86						PAGE	10
STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS	
2:34:25.911	103.25	806	70	7					
2:34:26.287	50.25	870	76	7			RT	1	
	48.62	900	79	7	1200-3	98-3	RT	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1				RB	1	
2:34:38.377	50.25	890	78	7					
	48.75	905	79	7	1200-3	107-3	RT	1	
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1				RB	1	
2:34:50.399	51.12	892	78	7					
	49.12	904	79	7			RT	1	
	49.25	902	79	0	1200-3	103-3	RT	1	
2:34:50.773	36.87	1033	90	0	4441-1	6-3	BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2				BT	1	
2:35:02.111	51.50	884	77	7					
2:35:02.549	49.87	902	79	0	1200-3	70-3	RT	1	
	36.87	1030	90	0	4441-3	6-3	BT	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2				BT	1	
2:35:14.133	50.50	898	76	7					
	51.12	876	76	7			RT	1	
2:35:14.510	50.75	893	78	0	1200-3	33-3	RT	1	
2:35:14.947	36.87	1029	90	0	0000-0		BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				BT	1	
2:35:26.222	50.37	865	76	7					
2:35:26.598	51.25	901	79	7	1200-3	50-3	RT	1	
	36.87	1029	90	0	0000-0		RB	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1				BT	1	
2:35:38.427	49.87	878	77	7					
	51.37	911	80	7			RT	1	
	51.12	908	79	0	1200-3	68-3	RT	1	
2:35:38.801	36.75	1029	90	0	4441-3		BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				BT	1	
2:35:50.511	50.25	892	78	7					
	50.62	913	80	7	1200-3	81-3	RT	1	
2:35:50.886	36.75	1029	90	0	4441-3	6-3	RB	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2				BT	1	
2:36:02.158	103.37	805	70	7					
2:36:02.533	49.75	900	79	7			RT	1	
	50.12	913	80	7	1200-3		RT	1	
2:36:02.907	36.75	1030	90	0	4465-3	484-3	RB	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				ID BT	1	
2:36:14.612	50.12	905	79	7	1200-3	58-3			
	36.87	1030	90	0	4441-1		RB	1	
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1				BT	1	
2:36:26.322	50.50	892	78	7	1200-3	33-3			
2:36:26.698	36.87	1024	90	0	1200-3		RB	1	
2:36:27.074	36.62	1029	90	0	1200-1		BT	1	
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1				BT	1	
2:36:38.538	50.62	878	77	7	1200-3	60-3			
	50.25	916	80	7			RB	1	
2:36:38.914	36.75	1028	90	0	4441-1		RT	1	
	36.50	1029	90	0	0000-0		BT	1	
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1				BT	1	
2:36:50.625	50.75	869	76	7	1200-3	88-3			
2:36:51.000	36.50	1022	89	0	0000-0		RB	1	
							BT	1	

BEACON TARGET REPORTS

11/18/86

PAGE

11

TIME	RANGE	ACP	LEG	Q	BEACON	ALT	QUA	SYS
	36.37	1025	90	0	1721-3	484-3	BT	1
	36.75	1031	90	0	4441-1		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:37:02.268	103.25	805	70	7			RT	1
2:37:02.645	50.62	859	75	7	1200-3	98-3	RB	1
2:37:03.023	36.75	1028	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:37:14.414	49.87	860	75	7	1200-3	82-3	RB	1
	51.12	890	78	7			RT	1
2:37:14.789	36.75	1029	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:37:26.437	103.25	806	70	7			RT	1
	51.37	873	76	7			RT	1
	49.50	887	77	0	1200-3	64-3	BT	1
2:37:26.938	36.75	1028	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	1					
2:37:38.839	49.00	895	78	7	1200-3	55-3	RB	1
	36.75	1029	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:37:50.299	48.25	768	67	0	1200-3		BT	1
2:37:50.800	48.12	906	79	7			RT	1
	48.25	901	79	0	1200-3	52-3	BT	1
2:37:51.050	36.75	1028	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:38:02.753	48.37	879	77	7			RT	1
	47.62	918	80	7	1200-3	53-3	RB	1
2:38:03.129	36.75	1029	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:38:14.771	47.87	927	81	7			RT	1
	48.00	934	82	0	1200-3	72-3	BT	1
2:38:15.146	36.75	1028	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:38:26.485	46.62	897	78	7			RT	1
2:38:26.861	48.62	923	81	0	1200-3	90-3	BT	1
	48.75	940	82	0	1200-3		BT	1
2:38:27.238	36.75	1028	90	0	4441-3	6-3	BT	1
SUBSYS = 1 TOTAL =	4	MODE C TOTAL =	2					
2:38:38.956	49.12	918	80	0	1200-3	95-3	BT	1
	36.75	1029	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	1					
2:38:50.604	46.50	930	81	7			RT	1
2:38:50.979	49.12	903	79	7	1200-3	90-3	RB	1
	36.75	1029	90	0	4441-3		BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	1					
2:39:02.818	48.37	895	78	7	1200-3	103-3	RB	1
2:39:03.193	36.75	1029	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	2	MODE C TOTAL =	2					
2:39:14.908	47.62	899	79	7			RT	1
	47.75	896	78	0	1200-3	124-3	BT	1
2:39:15.283	36.75	1029	90	0	4441-3	292-3	BT	1
SUBSYS = 1 TOTAL =	3	MODE C TOTAL =	2					
2:39:26.927	47.12	903	79	7	1200-3	123-3	RB	1
2:39:27.304	36.75	1016	80	0	4441-3	292-3	BT	1

(12)

BEACON TARGET REPORTS		11/18/86				PAGE		12	
STIME		RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	2				
2:39:38.635		48.75	898	78	7			RT	1
2:39:39.010		47.25	917	80	0	1200-3	115-3	BT	1
2:39:39.385		36.87	1029	90	0	4441-3		BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	1				
2:39:51.091		48.12	923	81	7	1200-3	111-3	RB	1
		36.87	1030	90	0	4441-3		BT	1
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	1				
2:40:02.733		47.12	899	79	7			RT	1
2:40:03.110		48.75	917	80	7	1200-3	82-3	RB	1
		36.87	1023	89	0	4441-3	6-3	BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	2				
2:40:14.940		46.62	910	79	7			RT	1
		48.50	905	79	7	1200-3	39-3	RB	1
2:40:15.441		36.87	1027	90	0	4441-3		BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	1				
2:40:27.032		48.75	895	78	7	1200-3	61-3	RB	1
		48.25	916	80	7			RT	1
2:40:27.408		36.87	1029	90	0	4655-1		BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	1				
2:40:39.050		49.25	887	77	7	1200-3	76-3	RB	1
		47.62	928	81	7			RT	1
2:40:39.425		36.87	1028	90	0	4441-3	6-3	BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	2				
2:40:51.130		49.75	897	78	7	1200-3	85-3	RB	1
2:40:51.504		36.75	1027	90	0	4441-3		BT	1
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	1				
2:41:02.834		49.87	906	79	7			RT	1
2:41:03.208		50.00	909	79	0	1200-3	90-3	BT	1
		36.75	1027	90	0	4441-3	6-3	BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	2				
2:41:15.036		49.87	912	80	0	1200-3		BT	1
2:41:15.411		36.87	1028	90	0	4441-3	6-3	BT	1
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	1				
2:41:27.123		49.12	916	80	0	1200-3	70-3	BT	1
SUBSYS = 1	TOTAL =	1	MODE C	TOTAL =	1				
2:41:38.780		48.00	776	68	0	0000-0		BT	1
2:41:39.156		48.00	907	79	7	1200-3	38-3	RB	1
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	1				
2:41:51.245		47.37	909	79	0	1200-3	79-3	BT	1
		47.12	913	80	7			RT	1
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	1				
2:42:02.948		49.50	901	79	7			RT	1
		47.12	922	81	7			RT	1
2:42:03.324		47.25	914	80	0	1200-3	94-3	BT	1
SUBSYS = 1	TOTAL =	3	MODE C	TOTAL =	1				
2:42:14.966		49.12	904	79	7			RT	1
2:42:15.343		47.62	924	81	0	1200-3	99-3	BT	1
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	1				
2:42:27.173		48.12	928	81	7			RT	1
		48.25	929	81	0	1200-3	97-3	BT	1
SUBSYS = 1	TOTAL =	2	MODE C	TOTAL =	1				
2:42:39.257		48.12	919	80	7	1200-3	63-3	RB	1

BEACON TARGET REPORTS
STIME

11/18/86

PAGE 13
QUA SYS

STIME	RANGE	ACP	DEG	Q	BEACON	ALT	QUA	SYS
SUBSYS = 1 TOTAL = 2:42:51.282	1 MODE C TOTAL = 46.62	906	79	7			RT	1
	48.62	907	79	7	1200-3	33-3	RB	1
SUBSYS = 1 TOTAL = 2:43:03.367	2 MODE C TOTAL = 46.87	917	80	7			RT	1
	49.25	909	79	0	1200-3	56-3	BT	1
SUBSYS = 1 TOTAL = 2:43:14.699	2 MODE C TOTAL = 49.37	777	68	0	1200-3		BT	1
	47.75	915	80	7			RT	1
2:43:15.074	49.37	913	80	0	1200-3	69-3	BT	1
2:43:24.843	121.25	83	7	7			RT	1
SUBSYS = 1 TOTAL = 2:43:27.475	4 MODE C TOTAL = 49.12	922	81	0	1200-3	73-3	BT	1
SUBSYS = 1 TOTAL = 2:43:39.252	1 MODE C TOTAL = 48.50	931	81	0	1200-3	73-3	BT	1
SUBSYS = 1 TOTAL = 2:43:51.338	1 MODE C TOTAL = 47.62	932	81	7			RT	1
	47.75	928	81	0	1200-3	71-3	BT	1
SUBSYS = 1 TOTAL = 2:44:03.363	2 MODE C TOTAL = 47.12	924	81	7	1200-3	71-3	RB	1
SUBSYS = 1 TOTAL = 2:44:15.449	1 MODE C TOTAL = 47.12	925	81	7			RT	1
	46.75	909	78	7	1200-3	71-3	RB	1
SUBSYS = 1 TOTAL = 2:44:27.475	2 MODE C TOTAL = 46.87	901	79	7	1200-3	70-3	RB	1
SUBSYS = 1 TOTAL = 2:44:39.183	1 MODE C TOTAL = 47.25	891	78	7	1200-3	71-3	RB	1
SUBSYS = 1 TOTAL = 2:44:51.393	1 MODE C TOTAL = 47.75	885	77	7	1200-3	72-3	RB	1
SUBSYS = 1 TOTAL = 2:45:03.486	1 MODE C TOTAL = 48.37	882	77	7	1200-3	74-3	RB	1
SUBSYS = 1 TOTAL = 2:45:15.502	1 MODE C TOTAL = 48.87	886	77	7			RT	1
	49.00	880	77	7	1200-3	76-3	RB	1
2:45:24.955	144.37	46	4	7			RT	1
SUBSYS = 1 TOTAL = 2:45:27.583	3 MODE C TOTAL = 49.87	881	77	7	1200-3	77-3	RB	1
SUBSYS = 1 TOTAL = 2:45:38.912	1 MODE C TOTAL = 50.50	757	66	0	1200-1		BT	1
	50.37	884	77	7			RT	1
2:45:39.662	50.50	887	77	7	1200-3	81-3	RB	1
SUBSYS = 1 TOTAL = 2:45:51.502	3 MODE C TOTAL = 51.00	887	77	7	1200-3	84-3	RB	1
SUBSYS = 1 TOTAL = 2:46:03.213	1 MODE C TOTAL = 51.37	766	67	0	1200-3		BT	1
	51.37	888	78	7	1200-3	85-3	RB	1
2:46:03.714	51.50	909	79	7	1200-3	85-3	RB	1
SUBSYS = 1 TOTAL = 2:46:15.621	3 MODE C TOTAL = 51.75	910	79	7	1200-3	85-3	RB	1
SUBSYS = 1 TOTAL = 2:46:27.702	1 MODE C TOTAL = 52.12	920	80	7	1200-3	86-3	RB	1
SUBSYS = 1 TOTAL = 2:46:39.731	1 MODE C TOTAL = 52.50	926	81	7	1200-3	86-3	RB	1

(14)

BEACON TARGET REPORTS
STIME

11/18/86

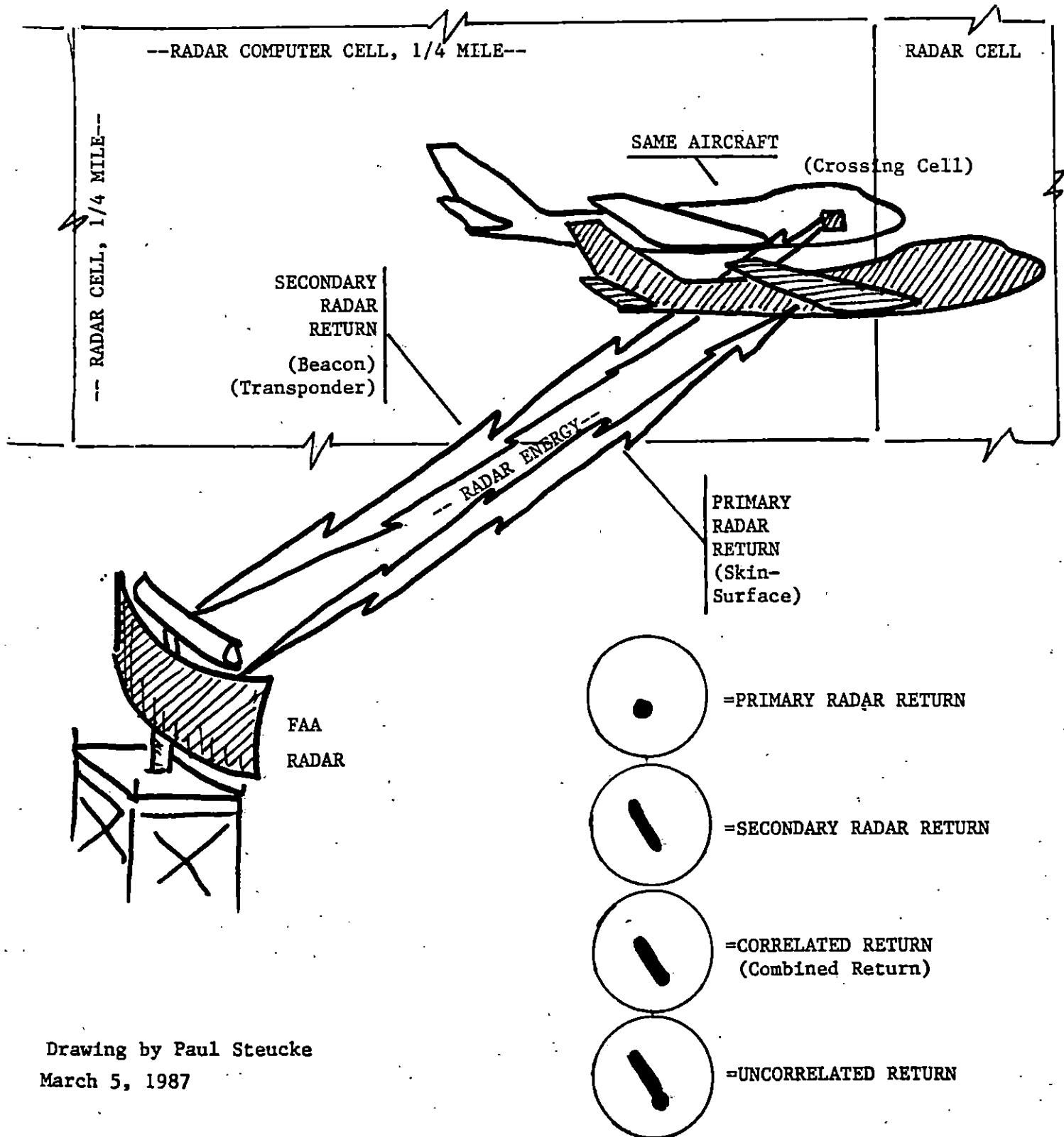
PAGE 14
QUA SYS

RANGE	ACF	DEG	Q	BEACON	ALT	QUA	SYS
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:46:51.820	52.87 935	82	7	1200-3	85-3	RB	1
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:47:03.664	53.37 948	83	7	1200-3	83-3	RB	1
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:47:15.691	53.50 960	84	7			RT	1
	53.87 955	83	0	1200-3	82-3	BT	1
SUBSYS = 1 TOTAL =	2 MODE C TOTAL =	1					
2:47:27.776	54.37 966	84	7	1200-3	80-3	RB	1
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:47:39.488	103.37 805	70	7			RT	1
2:47:39.863	54.87 976	85	7	1200-3	78-3	RB	1
SUBSYS = 1 TOTAL =	2 MODE C TOTAL =	1					
2:47:51.888	55.37 977	85	7	1200-3	76-3	RB	1
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:48:03.974	55.75 995	87	7	1200-3	74-3	RB	1
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:48:16.130	56.00 997	87	0	4431-3	74-3	BT	1
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:48:28.160	56.37 1005	88	7	4431-3	70-3	RB	1
SUBSYS = 1 TOTAL =	1 MODE C TOTAL =	1					
2:48:40.246	56.37 1021	89	7			RT	1
	56.50 1016	89	7	4431-3	66-3	RB	1
SUBSYS = 1 TOTAL =	2 MODE C TOTAL =	1					
2:48:52.327	56.37 1028	90	7			RT	1
	56.50 1026	90	0	4431-3	64-3	BT	1
SUBSYS = 1 TOTAL =	2 MODE C TOTAL =	1					
2:49:03.973	56.12 1035	90	7			RT	1
2:49:13.427	121.00 89	7	7			RT	1
SUBSYS = 1 TOTAL =	2						

15

UNCORRELATED RADAR SIGNALS

An "uncorrelated primary and beacon(secondary) return on a radar screen occurs when the radar energy that is sent up toward the aircraft (primary signal) returns off the surface of the aircraft at a slightly different moment than the beacon (secondary) transponder signal and the two do not match up as being at the same place or same computer radar cell.



Drawing by Paul Steucke
March 5, 1987