



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

Memorandum

Cleveland ARTC Center
326 East Lorain Street
Oberlin, Ohio 44074

Subject: INFORMATION: Aircraft Accident N15206

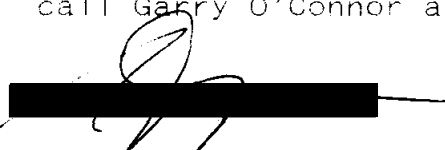
Date: December 9, 1993

From: Assistant Manager, Quality Assurance,
ZOB-542

Reply to
Attn. of: O'CONNOR: [REDACTED]

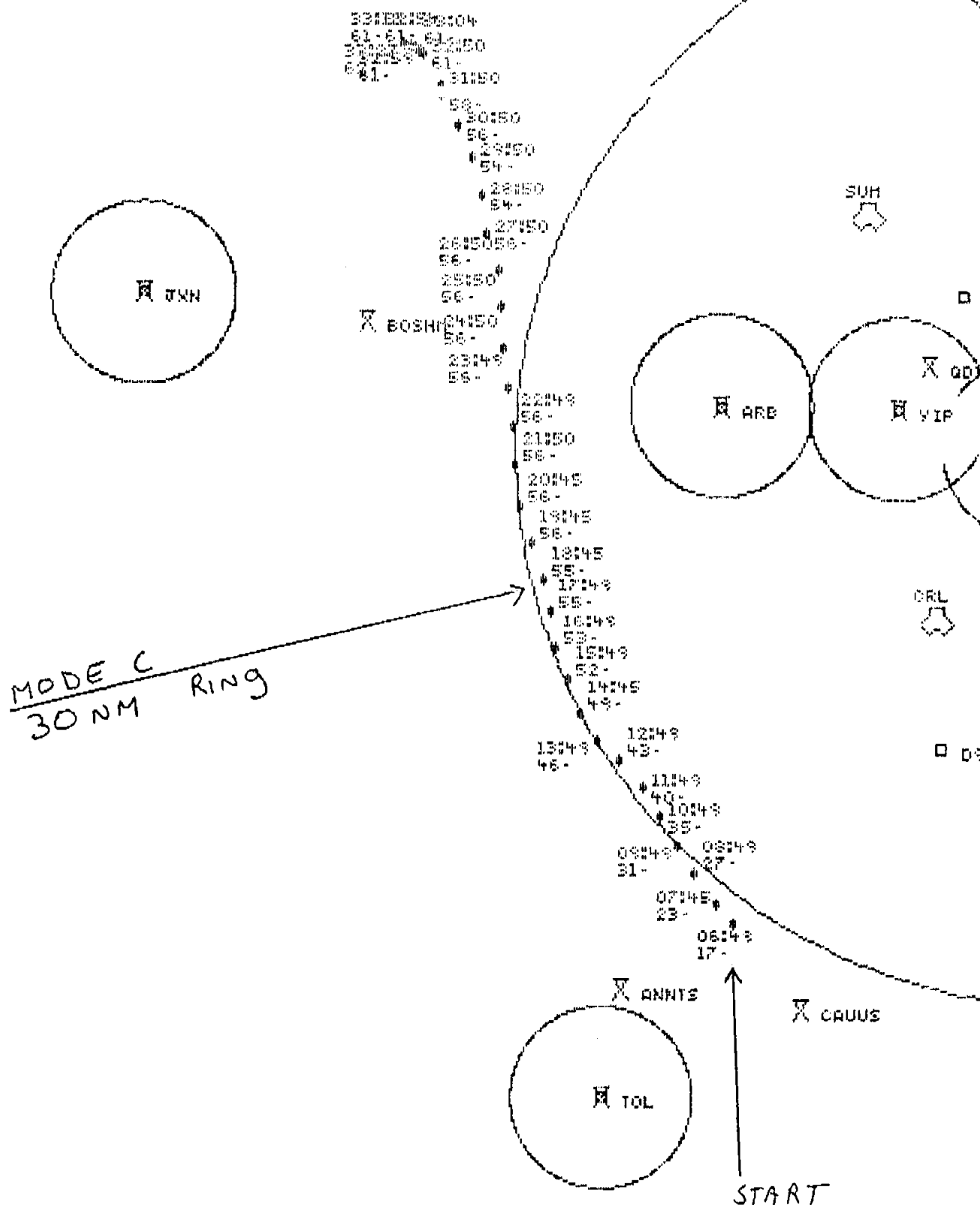
To: Frank Gattolin, NTSB

Attached are copies of the list #3, of Cleveland Center's
NTAP's and Detroit Approach Control's CDR of the subject
accident, per your request. If you have any questions please
call Garry O'Connor at [REDACTED].


[REDACTED]
Timothy R. Gress

Attachments

Scale →



This document is derived from computer magnetic recordings of internal computer processing. It is not an exact representation of the control position display. Date: 3-18-1993

N15206

TIME	X	Y	ALT
06:49	-16.39	-26.97	017
07:45	-17.32	-25.93	023
08:49	-18.41	-24.19	027
09:49	-19.44	-22.68	031
10:49	-20.27	-21.03	035
11:49	-21.24	-19.43	040
12:49	-22.54	-17.99	043
13:49	-23.86	-16.97	046
14:45	-24.67	-15.41	049
15:49	-25.44	-13.65	052
16:49	-26.03	-11.83	053
17:49	-26.33	-9.88	055
18:45	-26.79	-8.13	055
19:45	-27.44	-6.16	056
20:45	-28.00	-4.15	056
21:50	-28.31	-1.83	056
22:49	-28.50	0.31	056
23:49	-28.74	2.43	056
24:50	-29.03	4.49	056
25:50	-29.09	6.77	056
26:50	-29.33	8.80	056
27:50	-29.87	10.84	056
28:50	-30.27	12.97	054
29:50	-30.70	15.10	054
30:50	-31.49	16.83	056
31:50	-32.43	18.63	058
32:50	-33.39	20.44	061
32:54	-33.56	20.47	061
32:59	-33.63	20.58	061
33:04	-33.77	20.67	061
33:13	-34.01	20.81	061
33:27	-34.45	20.94	062

TIME = 15:06:49 Z

TIME = 15:33:27

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THE ABOVE DIAGRAM SHOULD MEASURE 1 INCH FROM * TO * BY WITH THE VERTICAL AND HORIZONTAL DIRECTIONS. IF IT DOES NOT, THE SCALE IS INACCURATE.

267.235 . 4-23:14 I-00:31(060) 7-23:14(174)
 267.671 .
 267.807 . V-10:42(037)I-00:21(060)
 267.347 . V-10:38(034)
 267.178 . I-00:11(060) N-02:52(177)
 267.013 . V-10:28(034) 0-02:35
 266.849 . I-00:01(060)
 266.685 . V-10:18(033)
 266.521 . V-10:08(033) N-02:43(131)
 266.356 . V-09:57(032) 0-02:48
 266.192 .
 266.027 . E-09:47(031)
 265.863 . NO-02:54
 265.698 . 5-23:14(030)
 265.534 .
 265.370 . V-09:27(030)
 265.205 . V-09:17(029)
 265.041 . V-09:07(028)
 264.876 . V-08:57 ON-03:03(184)
 264.712 .
 264.548 . +-08:47
 264.383 . N V-08:36(026)
 264.219 .
 264.055 . CCC6-23:14 0-03:13V-08:26(025)
 263.890 . C-04:24 V-08:16(025)
 263.726 . 0-03:24
 263.562 . A-03:23 V-08:06(024)
 263.397 .
 263.232 . V-07:56(024)
 263.068 . V-07:46(023)
 262.904 . 0\-03:33
 262.740 . V-07:36(023)
 262.577 . V-07:26(021)
 262.411 .
 262.246 . 7-23:14 V-07:16(021) 2F02
 262.082 . 0-03:48
 261.918 .
 261.753 . V-06:45
 261.589 . 0-03:54
 261.425 . N-03:53(202)
 261.260 .
 261.096 .
 260.931 .
 260.767 . 5-23:14(205)
 260.603 .
 260.438 .
 260.274 .
 260.109 .
 259.945 .
 259.781 .
 259.616 .
 259.452 .
 259.288 .
 259.123 .
 258.959 . 0-00:06
 258.794 . 0-00:12
 258.630 . 0-00:11(200) V-02:40(000)
 258.465 . NO-02:34

Plot
Page 1

0-02:54-2
(1.00) 0-02:54-2

(1.00) 0-02:54-2
0-02:54-2

11-03:00-2
(1.00) 11-03:00-2
11-03:00-2

0-02:54-2

(1.00) 0-02:54-2

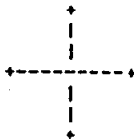
0-02:54-2

0-02:54-2(1.00)

P	5727	172	1503	43	319.5000	256.5625	41	39	00N	083	33	56W	O	1503	43	310.2500	262.0000	41	44	07N	083	46	20W		
Q			1503	48	319.3750	256.3125	41	38	45N	083	34	06W	O	1503	48	319.3750	256.3125	41	38	45N	083	34	06W		
N	0753	202	1503	53	309.7500	261.5000	41	43	37N	083	47	12W	C	1275	1503	53	311.2500	264.0000	41	46	10N	083	45	20W	
O			1503	54	309.8125	261.6250	41	43	44N	083	47	14W	N	0753	205	1504	34	309.3625	260.7500	41	42	50N	083	48	11W
C	1275		1504	04	311.2500	264.0000	41	46	10N	083	45	20W	O	1275		1504	06	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1504	14	311.2500	264.0000	41	46	10N	083	45	20W	C	1275		1504	26	311.2500	263.9375	41	46	04N	083	45	20W
C	1275		1504	34	311.2500	264.0000	41	46	10N	083	45	20W	C	1275		1504	44	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1504	54	311.3125	264.0000	41	46	10N	083	45	21W	C	1275		1505	04	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1505	14	311.2500	264.0000	41	46	10N	083	45	20W	C	1275		1505	24	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1505	35	311.3125	264.0000	41	46	10N	083	45	21W	C	1275		1505	45	311.1875	264.0000	41	46	10N	083	45	21W
C	1275		1505	55	311.3125	264.0000	41	46	10N	083	45	21W	C	1275		1506	05	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1506	15	311.3125	264.0000	41	46	10N	083	45	21W	C	1275		1506	25	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1506	35	311.3125	264.0000	41	46	10N	083	45	21W	C	1275		1506	45	311.2500	264.0000	41	46	10N	083	45	20W
V	1200		1506	45	314.8125	261.8125	41	44	04N	083	40	33W	C	1275		1506	55	311.1875	264.0000	41	46	10N	083	45	21W
C	1275		1507	06	311.3125	264.0000	41	46	10N	083	45	21W	C	1275		1507	16	311.1875	264.0000	41	46	10N	083	45	21W
V	1200	021	1507	16	314.0625	262.1875	41	44	25N	083	41	35W	C	1275		1507	26	311.1875	264.0000	41	46	10N	083	45	21W
V	1200	021	1507	26	313.9375	262.5000	41	44	46N	083	41	45W	C	1275		1507	36	311.1875	264.0000	41	46	10N	083	45	21W
V	1200	022	1507	36	313.6875	262.7500	41	45	01N	083	42	07W	C	1275		1507	46	311.1750	263.9375	41	46	04N	083	45	20W
V	1200	023	1507	46	313.5625	263.0625	41	45	16N	083	42	17N	C	1275		1507	56	311.3125	264.0000	41	46	10N	083	45	21W
V	1200	024	1507	56	313.3750	263.2500	41	45	30N	083	42	27W	C	1275		1508	06	311.1875	264.0000	41	46	10N	083	45	21W
V	1200	024	1508	06	313.1875	263.5625	41	45	45N	083	42	49W	C	1275		1508	16	311.2500	264.0000	41	46	10N	083	45	20W
V	1200	025	1508	16	313.0000	263.8125	41	46	00N	083	42	59W	C	1275		1508	26	311.1750	263.9375	41	46	04N	083	45	20W
V	1200	025	1508	26	312.3750	264.0000	41	46	14N	083	43	10W	V	1200	026	1508	36	312.7500	264.3125	41	46	30N	083	42	27W
C	1275		1508	37	311.2500	264.0000	41	46	10N	083	43	20W	C	1275		1508	47	311.2500	264.0000	41	46	10N	083	45	20W
+			1508	47	312.3750	264.5625	41	46	44N	083	43	51W	C	1275		1508	57	311.2500	264.0000	41	46	10N	083	45	20W
V	1200		1508	57	312.2500	264.8125	41	46	58N	083	44	32W	S	0220	022	1509	07	309.3625	256.3750	41	38	27N	083	47	17W
C	1275		1509	07	311.2500	264.0000	41	46	10N	083	45	20W	V	1200	028	1509	07	312.1250	265.0000	41	47	12N	083	44	15W
No	9320	021	1509	17	309.5000	256.1875	41	38	15N	083	47	15W	+			1509	17	309.5625	256.3125	41	38	27N	083	47	15W
C	1275		1509	17	311.2500	264.0000	41	46	10N	083	45	20W	V	1200	027	1509	17	311.9375	265.1375	41	47	20N	083	45	20W
U	0200	019	1509	27	309.8750	256.0625	41	38	08N	083	46	45W	C	1275		1509	27	311.2500	264.0000	41	46	10N	083	45	20W
V	1200	030	1509	27	311.6875	265.4375	41	47	34N	083	44	55W	C	1275		1509	37	311.1875	264.0000	41	46	10N	083	45	21W
V	1200	030	1509	37	311.4375	265.6875	41	47	49N	083	45	16W	C	1275		1509	47	311.2500	264.0000	41	46	10N	083	45	21W
V	1200	031	1509	47	311.2500	266.0625	41	48	11N	083	45	26W	W	0000		1509	47	311.5000	265.6875	41	47	49N	083	45	16W
V	1200	032	1509	57	311.1250	266.3125	41	48	26N	083	45	37W	C	1275		1509	57	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1510	07	311.3125	264.0000	41	46	10N	083	45	21W	V	1200	033	1510	08	312.2375	266.5000	41	49	18N	083	46	30W
V	1200	033	1510	18	310.8125	266.6875	41	49	47N	083	46	09W	C	1275		1510	18	311.2500	264.0000	41	46	10N	083	45	21W
V	1200	034	1510	28	310.6875	267.0625	41	49	10N	083	46	20W	C	1275		1510	28	311.2500	264.0000	41	46	10N	083	45	21W
V	1200	034	1510	38	310.5000	267.3125	41	49	24N	083	46	30W	C	1275		1510	38	311.2500	264.0000	41	46	10N	083	45	21W
V	1200	035	1510	48	310.3125	267.5625	41	49	39N	083	46	40W	C	1275		1510	48	311.1375	264.0000	41	46	10N	083	45	21W
V	1200	036	1510	58	310.1250	267.8125	41	49	53N	083	47	02W	+			1510	58	310.1250	267.9375	41	50	01N	083	47	08W
C	1275		1510	58	311.2500	264.0000	41	46	10N	083	45	20W	C	1275		1511	08	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1511	18	311.1875	264.0000	41	46	10N	083	45	31W	Y	4110	162	1511	18	320.8750	259.9375	41	42	25N	083	45	16W
Z			1511	18	320.3375	260.1250	41	42	39N	083	32	18W	C	1275		1511	28	311.1875	264.0000	41	46	10N	083	45	21W
Y	4110	165	1511	28	320.5875	258.8125	41	41	17N	083	32	35W	Z			1511	28	320.8750	258.8750	41	41	24N	083	32	35W
Z			1511	35	320.6875	258.3750	41	41	24N	083	32	35W	Z			1511	35	320.5875	258.8750	41	41	24N	083	32	35W
Z			1511	36	320.6875	258.8750	41	41	24N	083	32	35W	Z			1511	36	320.5875	258.8750	41	41	24N	083	32	35W
Z	1275		1511	38	311.1875	264.0625	41	46	11N	083	45	31W	Y	4110	163	1511	38	320.1875	257.8750	41	40	23N	083	32	35W
Z			1511	38	320.6875	258.8750	41	41	24N	083	32	35W	Z			1511	38	320.6875	258.8750	41	41	24N	083	32	35W
Z			1511	42	320.1250	257.6875	41	40	09N	083	33	10W	Z			1511	42	320.1250	257.6875	41	40	09N	083	33	10W
Z	4110	171	1511	48	319.7500	256.8125	41	39	16N	083	33	37W	Z			1511	48	319.3125	257.0625	41	39	16N	083	33	37W
Z			1511	48	319.8125	257.0625	41	39	30N	083	33	39W	C	1275		1511	58	311.2500	264.0000	41	46	10N	083	45	20W
Z			1511	54	319.8125	257.0625	41	39	30N	083	33	39W	Z			1511	58	311.4375	257.0625	41	39	10N	083	45	20W
C	1275		1511	59	311.2500	264.0000	41	46	10N	083	45	20W	C	1275		1512	09	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1512	19	311.1250	264.0625	41	46	11N	083	45	30W	C	1275		1512	29	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1512	39	311.2500	264.0000	41	46	10N	083	45	20W	C	1275		1512	49	311.2500	264.0000	41	46	10N	083	45	20W
C	1275		1512	59	311.3125	264.0000	41	46	10N	083	45	21W	C	1275		1513	09	311.1375	264.0000	41	46	10N	083	45	21W
C	1275		1513	20	311.1875	264.0000	41	46	10N	083	45	31W	C	1275		1513	30	311.1875	264.0000	41	46	10N	083	45	31W
C	1275		1513	40	311.2500	264.0000	41	46	10N	083	45</														

NTAP PLOT - PLOT DURATION 795 DATE 03/16/93
 TAPE(S) 027056
 X ORIGIN = 297.000 Y ORIGIN = 244.000 START INTERVAL TIME 1510 00 STOP INTERVAL TIME 1523 14

SCALE = 1 INCH 3.000 NM



THE ABOVE DIAGRAM SHOULD MEASURE 1 INCH FROM + TO + IN BOTH THE VERTICAL AND HORIZONTAL DIRECTIONS. IF IT DOES NOT, THE SCALE IS INACCURATE.

279.507 .	II-18:24(055)	
279.013 .	I-18:14(055)	
278.520 .	II-17:53(055)	
278.027 .	A-23:14	
277.534 .	I-17:23(054)	
277.041 .	I-17:03(053)	
276.548 .	I-16:53(053)	
276.054 .	I-16:32(053)	+-15:31
275.562 .	I-16:22(053)	+-15:21
275.068 .	I-16:02(053)	+-15:11
274.575 .	II-15:42	+-22:56
274.082 .	II-15:21+-14:51	
273.589 .	V A-23:14	
273.096 .	V-14:51(049)	
272.603 .	V-14:31	
272.109 .	+ V-14:11(047)	
271.616 .	+-13:50 V-13:50(047)	
271.123 .	+-13:40 VVV-13:20(045)	
270.630 .	VVV-12:50(043)	
270.137 .	VV-12:29(042)	
269.644 .	VV-12:09(041)	
269.150 .	V+-11:39	
268.657 .	VV-11:18(038)	
268.164 .	C-23:14	
267.671 .	VV-10:48(035)	
267.178 .	VV-10:24(034)	
266.685 .	VV-10:08(033)	
266.192 .		
265.698 .		
265.205 .		
264.712 .		
264.219 .		
263.726 .		
263.233 .		
262.740 .		
262.246 .		
261.753 .		
261.260 .		
260.767 .		
260.274 .		
259.781 .		
259.288 .		
258.794 .		
258.301 .		
257.808 .		

Plot
Page 2

+-12:28

+-10:07

22:34-

+-10:37

df01

+-10:07

+-10:07

LS13 - LIST OF PLOT SYMBOLS IN TIME SEQUENCE WITH LAT/LONG CONVERSION

PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE	PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE
+			F01	315.7500	262.0000	41 44 21N	083 39 13W	+			1510 07	322.9375	257.3125	41 49 52N	083 23 59W
+			1510 07	326.3750	258.2500	41 40 59N	083 24 51W	+			1510 07	329.0625	257.2500	41 40 04N	083 21 39W
V	1200	033	1510 08	310.9375	266.5000	41 48 39N	083 45 59W	+			1510 17	313.3750	248.1875	41 30 24N	083 41 41W
+			1510 17	326.4375	258.2500	41 40 59N	083 24 52W	+			1510 17	329.0625	257.2500	41 40 04N	083 21 29W
V	1200	033	1510 18	310.8125	266.6875	41 48 47N	083 45 09W	+			1510 27	313.6250	248.1250	41 30 23N	083 41 21W
+			1510 27	326.5000	258.2500	41 40 59N	083 24 42W	+			1510 27	329.0625	257.2500	41 40 04N	083 21 20W
V	1200	034	1510 28	310.6875	267.0625	41 49 10N	083 46 20W	+			1510 37	327.2500	264.1250	41 46 42N	083 30 19W
+			1510 37	326.3750	258.2500	41 40 59N	083 24 51W	+			1510 37	329.0000	257.1875	41 39 58N	083 21 18W
V	1200	034	1510 38	310.5000	267.3125	41 49 24N	083 46 39W	+			1510 38	313.6250	248.0000	41 30 16N	083 41 20W
+			1510 47	326.5000	258.2500	41 40 59N	083 24 42W	+			1510 47	327.0625	257.2500	41 40 04N	083 21 20W
V	1200	035	1510 48	310.3125	267.5625	41 49 39N	083 46 52W	+			1510 57	326.4375	258.2500	41 40 59N	083 24 52W
+			1510 57	329.0625	257.2500	41 40 04N	083 21 20W	V	1200	036	1510 58	310.1250	267.8125	41 49 53N	083 47 02W
+			1510 58	310.1250	267.9375	41 50 01N	083 47 02W	+			1511 07	326.4375	258.2500	41 40 59N	083 24 52W
+			1511 07	329.0000	257.1875	41 39 58N	083 21 18W	V	1200	037	1511 08	310.0000	268.1575	41 50 16N	083 47 13W
+			1511 17	326.4375	258.2500	41 40 59N	083 24 52W	+			1511 17	329.0625	257.2500	41 40 04N	083 21 21W
V	1200	038	1511 18	309.8125	268.4375	41 50 30N	083 47 35W	+			1511 18	314.2500	247.6250	41 29 56N	083 40 27W
+			1511 27	329.1250	257.2500	41 40 05N	083 21 08W	+			1511 28	326.8750	256.6250	41 39 18N	083 26 47W
+			1511 28	326.5000	258.2500	41 40 59N	083 24 42W	V			1511 29	309.6250	268.6875	41 50 45N	083 47 43W
V	1200	038	1511 29	309.6250	268.6875	41 50 45N	083 47 45W	+			1511 38	314.5625	247.3750	41 29 40N	083 40 10W
+			1511 38	326.3750	258.2500	41 40 59N	083 24 51W	+			1511 38	327.6250	257.4375	41 40 10N	083 23 09W
+			1511 38	329.1250	257.2500	41 40 05N	083 21 08W	V	1200	039	1511 39	309.3750	268.8125	41 50 52N	083 48 05W
+			1511 39	309.5000	268.9375	41 50 59N	083 47 56W	+			1511 48	314.6250	247.3750	41 29 40N	083 40 10W
+			1511 48	326.5000	258.2500	41 40 59N	083 24 42W	+			1511 48	329.0000	257.1875	41 39 58N	083 21 18W
V	1200	040	1511 49	309.1875	269.1250	41 51 13N	083 48 27W	+			1511 58	314.8750	247.1875	41 29 27N	083 49 13W
V	1200	040	1511 58	322.6875	248.8125	41 31 22N	083 39 25W	+			1511 58	326.4375	258.2500	41 40 59N	083 24 52W
+			1511 58	329.1250	257.2500	41 40 05N	083 21 08W	V	1200	040	1511 59	309.1250	269.3125	41 51 21N	083 48 27W
+			1512 08	314.9375	247.1875	41 29 27N	083 39 39W	V	1200	040	1512 08	322.6875	248.8125	41 31 14N	083 39 25W
+			1512 08	326.3750	258.2500	41 40 59N	083 24 51W	+			1512 08	329.1250	257.2500	41 40 05N	083 21 08W
V	1200	041	1512 09	308.9375	269.5625	41 51 35N	083 49 49W	+			1512 18	315.0000	247.0625	41 29 30N	083 30 27W
+			1512 18	322.5625	254.9375	41 37 29N	083 39 53W	V	1200	042	1512 18	322.8125	248.4375	41 30 59N	083 39 14W
+			1512 18	326.4375	258.2500	41 40 59N	083 24 52W	+			1512 18	327.7500	257.5000	41 40 17N	083 22 59W
+			1512 18	329.0000	257.1875	41 39 58N	083 21 18W	V	1200	041	1512 19	308.6250	269.7500	41 51 49N	083 49 02W
V	1200	027	1512 28	322.7500	248.3125	41 30 52N	083 29 13W	+			1512 28	326.5000	258.2500	41 40 59N	083 24 42W
+			1512 28	327.7500	257.5000	41 40 17N	083 22 59W	+			1512 28	329.0625	257.2500	41 40 04N	083 21 20W
+			1512 28	331.0000	279.3125	42 02 10N	083 19 39W	V	1200	042	1512 29	308.8750	269.9375	41 51 57N	083 49 09W
+			1512 29	315.1250	247.0000	41 29 19N	083 39 13W	+			1512 38	326.5000	258.2500	41 40 59N	083 24 42W
+			1512 38	329.0625	257.2500	41 40 04N	083 21 20W	V	1200	042	1512 38	308.1250	270.3125	41 52 19N	083 49 50W
V	1200	028	1512 39	322.9375	248.1875	41 30 45N	083 29 03W	+			1512 48	326.3000	258.2500	41 40 59N	083 24 42W
+			1512 48	329.0625	257.2500	41 40 04N	083 21 20W	+			1512 48	315.5000	246.8125	41 29 06N	083 13 47W
V	1200	029	1512 49	323.0000	247.9375	41 30 30N	083 23 52W	V	1200	043	1512 50	307.8750	270.4375	41 52 36N	083 50 11W
+			1512 58	329.1250	257.2500	41 40 05N	083 21 08W	+			1512 58	311.8750	244.1250	41 27 02N	083 16 03W
+			1512 59	315.6250	246.6875	41 28 59N	083 38 37W	V	1200		1512 59	322.9375	247.8125	41 30 22N	083 39 02W
+			1512 59	326.4375	258.2500	41 40 59N	083 24 52W	V	1200	044	1513 00	307.6250	270.6250	41 52 39N	083 50 32W
V	1200		1513 09	323.0000	247.5625	41 30 07N	083 28 51W	+			1513 09	326.3750	258.2500	41 40 59N	083 24 42W
+			1513 09	329.0625	257.2500	41 40 04N	083 21 20W	V	1200	043	1513 10	307.3125	270.6875	41 52 39N	083 51 03W
V	1200	037	1513 19	323.0625	247.4375	41 30 03N	083 28 51W	+			1513 19	324.9375	256.6250	41 39 18N	083 26 44W
+			1513 19	326.3750	258.2500	41 40 59N	083 24 51W	+			1513 19	329.0625	257.2500	41 40 04N	083 21 20W
+			1513 20	301.5625	270.0625	41 51 47N	083 58 42W	V	1200	045	1513 20	307.0625	270.9375	41 52 33N	083 51 24W
+			1513 29	316.0625	246.4375	41 28 45N	083 38 07W	V	1200		1513 29	323.1250	247.1875	41 29 45N	083 28 40W
+			1513 29	325.6875	256.7500	41 39 27N	083 25 43W	+			1513 29	326.4375	258.2500	41 40 59N	083 24 52W
+			1513 29	327.8750	257.5000	41 40 17N	083 22 44W	+			1513 29	327.6250	257.2500	41 40 04N	083 21 20W
V	1200	045	1513 30	306.8125	271.1250	41 53 07N	083 51 45W	+			1513 39	316.1875	246.3125	41 28 37N	083 47 57W
+			1513 39	316.5000	244.1875	41 26 31N	083 37 19W	V	1200	040	1513 39	323.4375	247.1250	41 29 45N	083 28 21W
+			1513 39	325.8125	256.7500	41 39 28N	083 25 38W	+			1513 39	326.3750	258.2500	41 40 59N	083 24 42W
+			1513 39	329.0000	257.1875	41 39 58N	083 21 18W	+			1513 40	302.8125	271.0000	41 52 49N	083 47 03W
V	1200	046	1513 40	306.6250	271.2500	41 53 18N	083 51 54W	V	1200	040	1513 40	323.5625	247.3750	41 30 00N	083 28 11W
+			1513 49	325.7500	256.7500	41 39 28N	083 25 37W	+			1513 49	326.4375	258.2500	41 40 59N	083 24 52W
+			1513 49	327.8125	257.5000	41 40 17N	083 22 09W	+			1513 49	329.0625	257.2500	41 40 04N	083 21 20W

Targets on Plot Page 2
List Page 1 of 3

•		1517 33	303.6875	277.8750	41 59 44N 083 56 18W	+
V	1200 031	1517 42	323.9375	244.6250	41 27 16N 083 27 34W	+
•		1517 42	329.0625	257.2500	41 40 04N 083 21 20W	I
V	1200 031	1517 52	323.9375	244.5000	41 27 08N 083 27 33W	+
•		1517 52	329.0000	257.1875	41 39 58N 083 21 18W	I
•		1518 02	322.6875	248.4375	41 30 59N 083 29 24W	V
•		1518 02	326.4375	258.2500	41 40 59N 083 24 52W	+
I	1200 055	1518 04	303.3750	278.7500	42 00 36N 083 56 40W	V
•		1518 12	325.5000	256.7500	41 39 27N 083 25 57W	+
•		1518 12	329.1250	257.2500	41 40 05N 083 21 03W	I
V	1200 029	1518 22	324.0625	244.2500	41 26 54N 083 27 33W	+
•		1518 22	326.3750	258.2500	41 40 59N 083 24 51W	+
I	1200 055	1518 24	303.1250	279.3125	42 01 06N 083 57 02W	•
•		1518 32	326.3750	258.2500	41 40 59N 083 24 51W	+
•		1518 32	329.4375	246.0625	41 28 51N 083 20 19W	T
•		1518 42	325.0625	256.6250	41 39 18N 083 26 38W	•
•		1518 42	327.7500	257.5000	41 40 17N 083 22 59W	+
•		1518 52	324.9375	256.6250	41 39 18N 083 26 48W	•
•		1518 52	329.0625	257.2500	41 40 04N 083 21 20W	V
•		1519 02	329.0625	257.2500	41 40 04N 083 21 20W	V
•		1519 03	326.3750	258.2500	41 40 59N 083 24 51W	•
V	1200 029	1519 13	324.3125	245.0000	41 27 39N 083 27 05W	•
•		1519 13	326.3750	258.2500	41 40 59N 083 24 51W	•
V	1200 028	1519 23	324.5625	245.1250	41 27 47N 083 26 45W	•
•		1519 23	329.0625	257.2500	41 40 04N 083 21 20W	+
V	1200 029	1519 33	324.4375	245.3750	41 28 02N 083 26 56W	+
•		1519 33	329.0625	257.2500	41 40 04N 083 21 20W	V
•		1519 43	326.4375	258.2500	41 40 59N 083 24 52W	•
V	1200 029	1519 53	324.6250	245.8750	41 28 32N 083 26 36W	+
•		1519 53	329.1250	257.2500	41 40 05N 083 21 08W	+
V	1200 029	1520 03	324.5625	246.2500	41 28 55N 083 26 48W	+
•		1520 03	329.0625	257.2500	41 40 04N 083 21 20W	+
V	1200 029	1520 13	324.6250	246.5000	41 29 10N 083 26 38W	+
•		1520 13	329.0000	257.1875	41 39 58N 083 21 18W	•
•		1520 23	326.4375	258.2500	41 40 59N 083 24 52W	+
V	1200 030	1520 24	324.7500	246.7500	41 29 25N 083 26 29W	+
•		1520 33	329.1875	257.2500	41 40 05N 083 21 09W	V
•		1520 43	329.0000	257.1875	41 39 58N 083 21 18W	V
•		1520 44	326.4375	258.2500	41 40 59N 083 24 52W	V
•		1520 54	325.0000	256.6250	41 39 18N 083 26 37W	+
•		1520 54	327.7500	257.5000	41 40 17N 083 22 59W	•
•		1521 04	321.5625	250.2500	41 32 45N 083 30 59W	V
•		1521 04	324.8750	254.6250	41 39 18N 083 26 47W	+
•		1521 04	329.0625	257.2500	41 40 04N 083 21 20W	•
V	1200 029	1521 14	324.8750	247.8750	41 30 33N 083 26 22W	•
•		1521 14	326.5000	258.2500	41 40 59N 083 24 42W	+
•		1521 24	320.9375	250.4375	41 32 55N 083 31 50W	V
•		1521 24	326.4375	258.2500	41 40 59N 083 24 52W	+
•		1521 34	320.6875	250.4375	41 32 55N 083 32 10W	V
•		1521 34	326.4375	258.2500	41 40 59N 083 24 52W	+
•		1521 44	320.2500	250.5000	41 33 01N 083 32 39W	V
•		1521 44	325.1250	256.6250	41 39 19N 083 26 27W	+
•		1521 44	327.9375	257.5000	41 40 17N 083 22 50W	+
V	1200 031	1521 54	324.7500	249.0000	41 31 40N 083 26 35W	+
•		1521 54	329.0625	257.2500	41 40 04N 083 21 20W	+
•		1522 04	329.0625	257.2500	41 40 04N 083 21 20W	V
•		1522 14	329.0625	257.2500	41 40 04N 083 21 20W	V
•		1522 15	326.4375	258.2500	41 40 59N 083 24 52W	+
V	1200 028	1522 25	324.1875	249.7500	41 32 24N 083 27 25W	•
•		1522 25	326.4375	258.2500	41 40 59N 083 24 52W	+
•		1522 34	332.5000	266.1250	41 44 04N 083 17 02W	V
•		1522 35	325.0000	256.6250	41 39 18N 083 26 37W	+
•		1522 35	329.0000	257.1875	41 39 58N 083 21 18W	V
•		1522 45	326.4375	258.2500	41 40 59N 083 24 52W	+

1200 027	1517 42	321.7500	248.8125	41 31 18N 083 21 35W	•
	1517 42	326.4375	258.2500	41 40 59N 083 24 52W	•
1200 055	1517 43	303.5625	278.1250	41 59 59N 083 56 29W	•
	1517 52	326.5000	258.2500	41 40 59N 083 24 42W	•
1200 055	1517 53	303.4375	278.4375	42 00 14N 083 56 39W	•
1200 040	1518 02	304.0000	244.3750	41 27 01N 083 27 25W	•
	1518 02	329.0625	257.2500	41 40 04N 083 21 20W	•
1200 030	1518 12	324.0625	244.3750	41 27 01N 083 27 23W	•
	1518 12	326.4375	258.2500	41 40 59N 083 24 52W	•
1200 055	1518 14	303.2500	279.1250	42 00 54N 083 56 41W	•
	1518 22	326.4375	248.6750	41 31 17N 083 27 05W	•
	1518 22	329.0625	257.2500	41 40 04N 083 21 20W	•
	1518 32	324.4375	256.6250	41 39 19N 083 26 48W	•
	1518 32	329.0625	257.2500	41 40 04N 083 21 20W	•
1200 045	1518 34	303.0625	279.6475	42 01 28N 083 57 12W	•
	1518 42	326.3750	258.2500	41 40 59N 083 24 51W	•
	1518 42	329.1250	257.2500	41 40 05N 083 21 08W	•
	1518 52	326.5000	258.2500	41 40 59N 083 24 42W	•
1200 029	1518 53	324.5000	244.5000	41 27 10N 083 26 42W	•
1200 029	1519 03	324.3750	244.7500	41 27 24N 083 26 43W	•
	1519 12	329.0625	257.2500	41 40 04N 083 21 20W	•
	1519 13	324.9375	256.6750	41 39 18N 083 26 48W	•
	1519 13	327.8125	257.5000	41 40 17N 083 23 00W	•
	1519 23	326.4375	258.2500	41 40 59N 083 24 52W	•
	1519 23	329.5000	249.3750	41 32 13N 083 20 17W	•
	1519 33	326.3750	258.2500	41 40 59N 083 24 51W	•
1200 029	1519 43	324.5625	245.6250	41 28 17N 083 26 47W	•
	1519 43	329.0625	257.2500	41 40 04N 083 21 20W	•
	1519 53	326.3750	258.2500	41 40 59N 083 24 51W	•
	1519 53	332.0625	249.6875	41 32 34N 083 16 59W	•
	1520 03	326.3750	258.2500	41 40 59N 083 24 51W	•
	1520 03	332.4750	249.8125	41 32 43N 083 15 48W	•
	1520 13	326.4375	258.2500	41 40 59N 083 24 51W	•
	1520 23	324.9375	256.6750	41 39 18N 083 26 48W	•
	1520 23	329.0625	257.2500	41 40 04N 083 21 20W	•
	1520 33	326.4375	258.2500	41 40 59N 083 24 52W	•
1200 030	1520 34	324.6875	247.0000	41 29 40N 083 26 41W	•
1200 030	1520 44	324.6875	247.3500	41 29 55N 083 26 41W	•
1200 029	1520 54	324.6875	247.3750	41 30 03N 083 26 42W	•
	1520 54	326.5000	258.2500	41 40 59N 083 24 42W	•
	1520 54	329.0625	257.2500	41 40 04N 083 21 20W	•
1200 028	1521 04	324.7500	247.6250	41 30 18N 083 26 31W	•
	1521 04	326.3750	258.2500	41 40 59N 083 24 51W	•
	1521 14	321.2500	250.4375	41 32 56N 083 31 19W	•
	1521 14	325.0000	256.6250	41 39 18N 083 26 37W	•
	1521 14	324.1250	257.2500	41 40 05N 083 21 08W	•
1200 029	1521 24	324.8750	248.1250	41 30 44N 083 26 23W	•
	1521 24	329.1250	257.2500	41 40 05N 083 21 08W	•
1200 030	1521 34	324.7500	248.5000	41 31 10N 083 26 34W	•
	1521 34	324.0000	257.1875	41 33 54N 083 21 18W	•
1200 031	1521 44	324.8750	248.7500	41 31 26N 083 26 25W	•
	1521 44	326.3750	258.2500	41 40 59N 083 24 51W	•
	1521 44	329.0625	257.2500	41 40 04N 083 21 20W	•
	1521 54	324.5000	258.2500	41 40 59N 083 24 42W	•
	1522 04	326.3750	258.2500	41 40 59N 083 24 51W	•
1200 030	1522 05	324.6250	249.2500	41 31 55N 083 26 44W	•
1200 029	1522 15	324.3750	249.5000	41 32 09N 083 27 06W	•
	1522 25	324.1625	250.6250	41 33 05N 083 27 20W	•
	1522 25	324.4750	256.6250	41 39 18N 083 26 47W	•
	1522 25	327.1250	257.2500	41 40 05N 083 21 08W	•
1200 028	1522 35	324.2500	250.0000	41 32 39N 083 27 18W	•
	1522 35	326.4375	258.2500	41 40 59N 083 24 52W	•
1200 026	1522 45	324.3125	250.3750	41 33 02N 083 27 20W	•
	1522 45	327.0625	257.2500	41 40 04N 083 21 20W	•

Targets on Plot page 2
List page 3 of 3

THE ABOVE DIAGRAM SHOULD MEASURE 1 INCH FROM + TO + IN BOTH THE VERTICAL AND HORIZONTAL DIRECTIONS. IF IT DOES NOT, THE SCALE IS INACCURATE.

301.507 . +-17:45+ +-20:57 V-10:10 A-23:14 I II-11:31(066)
301.013 . III-12:01(066)
300.520 . I-12:31(066)
300.027 . +-11:00 III +-20:04 +-12:42
299.534 . I-13:12(066)
299.041 . I II-13:12(066) 10:30-A
298.548 . +-16:44 II-13:52(066) 17:55-+
298.054 . I I-14:12(066)
297.562 . II-14:32(066) +-20:24
297.068 . II-14:53(066)
296.575 . II-15:13(066)
296.082 . +-16:03 I-15:33(066)
295.589 . VI-15:53(066)
295.096 . +-16:13 +-17:34 I-16:13(066)
294.603 . + I-16:34
294.109 . + II-16:44(066)
293.616 . II-17:04(066)
293.123 . II-17:24(067)
292.630 . +-12:51 CI-17:44(066) +-15:02
292.137 . +-15:23 I-18:04(066)
291.644 . C-23:14
291.150 . VI-18:35(066)
290.657 . I-18:55(066)
290.164 . I I-19:15(066)
289.671 . II-19:35(066) +-22:07
289.178 . I I-19:55(066)
288.685 . I +-20:06
288.192 . IC-23:14
287.698 . VDVV-14:52(039) IB-23:14
287.205 . VV VVV VVVV VV I-21:06(066)
286.712 . V-22:47 VVVVV IC-23:14(065)
286.219 . VV-22:37(045)D I-21:37(065)
285.726 . D-23:14(044)IVI-21:47(065)
285.233 . VV-21:57 II V-10:49(043)
284.740 . I VV-10:09(043)
284.246 . I-22:37(065)
283.753 . I I-22:47(065)
283.260 . I-23:07(065)
282.767 .
282.274 .
281.781 .
281.288 . +-15:42
280.794 .
280.301 . +-15:12
279.508 .
279.315 .
278.822 .
278.329 . +-21:46
277.835 .
277.342 .
276.849 . +-11:29
276.356 .
275.863 .
275.370 .
274.876 .
274.383 .
273.890 .
273.397 . +-12:20
272.904 . +-12:00
272.411 .

SW
↓

2F01

PLOT 3
Page 8

N15206? →

overlap
with
Plot page
2

V-23:07
I-22:57(056)
I-21:47(056)
V-22:37
I-22:17
I-22:07(056)
I-21:46(056)
I-21:36(056)
I-21:16(055)
V-21:06
I-20:56(056)
I-20:35(056)
I-20:25(056)
I-20:05(056)
I-19:57(056)
II-19:35(056)
I-19:25(057)
I-19:04(056)
I-18:54(056)
I-18:34(055)
II-18:14(055)
I-18:04(055)
II-17:43(055)
8-23:14
II-17:13(054)
I-17:03(053)
II-16:43(053)
I-16:22(053) +-16:31
I-16:12(053) +-15:01
I-15:52(052) +-15:11
I-15:32+ +-22:56
I +-14:41
VV V-14:41
VV-14:41
+ V-14:31

1517 33	303.6875	277.8750	41 59 44N 083 56 13W	I	1200 067 1517 34	291.1250	293.0000	42 14 19N 084 13 56W	I	
1517 34	291.6250	295.0625	42 16 21N 084 13 23W	+	1517 34	291.6250	294.4375	42 15 46N 084 12 02W	I	
1517 34	313.6875	294.2500	42 16 31N 083 43 45W	I	1200 055 1517 43	303.5625	278.1250	41 59 59N 083 36 23W	I	
I 1200 067 1517 44	290.7500	292.6875	42 13 56N 084 14 25W	•	1517 45	284.6875	301.8750	42 22 53N 084 23 15W	I	
I 1200 055 1517 53	303.4375	278.4375	42 00 14N 083 56 39W	I	1200 067 1517 54	290.3750	292.5000	42 13 47N 084 14 55W	I	
+	1517 55	313.2500	298.6250	42 20 52N 083 44 28W	I	1200 066 1518 04	290.0625	292.2500	42 13 31N 084 15 28W	I
I 1200 055 1518 04	303.3750	278.7500	42 00 36N 083 56 40W	•	1518 04	312.7625	293.4375	42 16 05N 083 45 55W	I	
I 1200 055 1518 14	303.2500	279.1250	42 00 58N 083 56 51W	I	1200 066 1518 15	289.6875	291.9375	42 13 08N 084 15 34W	I	
I 1200 055 1518 24	303.1250	279.3125	42 01 06N 083 57 02W	I	1200 066 1518 25	289.3125	291.7500	42 12 59N 084 16 24W	I	
•	1518 25	289.4375	291.5625	42 12 45N 084 16 13W	I	1200 055 1518 34	303.0625	279.6875	42 01 28N 083 57 14W	I
I 1200 066 1518 35	288.9375	291.3125	42 12 29N 084 16 52W	I	1200 055 1518 44	303.0000	280.0000	42 01 50N 083 57 14W	I	
I 1200 066 1518 45	288.5625	291.1875	42 12 20N 084 17 22W	•	1518 45	288.7500	290.9375	42 12 06N 084 17 09W	I	
I 1200 056 1518 54	302.8125	280.3125	42 02 05N 083 57 36W	I	1200 066 1518 55	288.2500	290.8750	42 12 04N 084 17 40W	I	
I 1200 056 1519 04	302.6250	280.6250	42 02 27N 083 57 46W	I	1200 066 1519 05	288.0000	290.6875	42 11 49N 084 18 00W	I	
+	1519 05	313.5625	294.3125	42 16 31N 083 43 55W	I	1200 056 1519 14	302.5625	281.0000	42 02 49N 083 57 59W	I
I 1200 066 1519 15	287.6875	290.3125	42 11 25N 084 18 30W	I	1200 066 1519 25	287.3125	290.0000	42 11 08N 084 18 54W	I	
I 1200 057 1519 25	302.3750	281.2500	42 03 03N 083 58 09W	I	1200 066 1519 35	287.0000	289.6875	42 10 46N 084 19 17W	I	
I 1200 056 1519 35	302.2500	281.5625	42 03 19N 083 58 20W	•	1519 35	311.3750	290.5000	42 12 40N 083 46 24W	I	
I 1200 066 1519 45	286.6250	289.6250	42 10 44N 084 19 47W	I	1200 056 1519 45	302.1875	281.9375	42 03 41N 083 48 32W	I	
I 1200 056 1519 55	302.0000	282.1875	42 10 56N 083 58 42W	I	1200 066 1519 56	286.3125	289.1250	42 10 13N 084 20 16W	I	
I 1200 056 1520 05	301.8125	282.6250	42 04 24N 083 59 05W	I	1200 066 1520 06	285.8125	289.0000	42 10 04N 084 20 56W	I	
+	1520 06	285.9375	288.8750	42 09 57N 084 20 45W	•	1520 06	303.5000	300.0625	42 21 52N 083 57 41W	I
→ I 1200 056 1520 15	301.6875	282.8750	42 04 39N 083 59 15W	I	1200 066 1520 16	285.4375	288.7500	42 09 48N 084 21 25W	I	
→ I 1200 055 1520 25	301.5000	283.3125	42 05 02N 083 59 26W	I	1200 066 1520 26	285.1250	288.4375	42 09 26N 084 21 43W	I	
+	1520 26	285.2500	288.1250	42 09 10N 084 21 32W	•	1520 26	308.7500	297.5625	42 19 35N 083 50 24W	I
→ I 1200 055 1520 35	301.5000	283.6250	42 05 24N 083 59 27W	I	1200 066 1520 36	284.8125	288.0625	42 09 03N 084 22 13W	I	
I 1200 066 1520 46	284.4375	287.7500	42 08 45N 084 22 42W	I	1520 46	284.5625	287.9375	42 08 54N 084 22 32W	I	
→ I 1200 056 1520 46	301.5000	283.9375	42 05 40N 083 59 28W	I	1200 066 1520 56	284.1250	287.6250	42 08 37N 084 23 01W	I	
→ I 1200 056 1520 56	301.3750	284.2500	42 06 01N 083 59 39W	+	1520 57	287.6250	301.4375	42 22 33N 084 19 10W	I	
I 1200 066 1521 06	283.7500	287.3125	42 08 15N 084 23 29W	V	1521 06	301.3750	284.6875	42 06 24N 083 59 41W	I	
+	1521 07	286.7500	301.9375	42 23 00N 084 20 22W	I	1200 065 1521 16	283.4375	286.9375	42 07 51N 084 23 59W	I
→ I 1200 055 1521 16	301.3125	285.0625	42 06 46N 083 59 53W	I	1200 064 1521 26	283.1250	286.5625	42 07 28N 084 24 17W	I	
+	1521 26	283.2500	286.6875	42 07 36N 084 24 07W	I	1200 055 1521 26	301.1875	285.3750	42 07 02N 084 24 04W	I
→ I 1200 056 1521 36	301.0625	285.7500	42 07 30N 084 24 16W	I	1200 065 1521 37	282.9375	286.3125	42 07 12N 084 24 37W	I	
•	1521 46	284.5625	278.1250	41 59 09N 084 21 56W	I	1200 056 1521 46	300.9375	286.1250	42 07 52N 084 24 47W	I
V 1200 043 1521 47	278.0625	285.0625	42 05 43N 084 31 05W	I	1200 065 1521 47	282.6250	285.8750	42 06 48N 084 24 55W	I	
V 1200 1521 57	278.3125	285.1250	42 05 51N 084 30 45W	I	1200 065 1521 57	282.3125	285.5625	42 06 26N 084 25 25W	I	
→ I 1200 056 1521 57	300.8750	286.4375	42 08 08N 084 00 27W	V	1200 044 1522 07	278.5000	285.5000	42 06 14N 084 25 25W	I	
I 1200 065 1522 07	281.9375	285.3125	42 06 10N 084 25 54W	•	1522 07	292.1250	289.8750	42 11 14N 084 12 24W	I	
→ I 1200 056 1522 07	300.7500	286.7500	42 03 29N 084 00 38W	+	1522 17	278.6250	285.5625	42 06 15N 084 25 13W	I	
I 1200 065 1522 17	281.6250	285.0000	42 05 53N 084 26 12W	•	1522 17	281.3125	284.8750	42 05 46N 084 26 03W	I	
+	1522 17	290.5000	292.5625	42 13 48N 084 14 45W	I	→ 1200 055 1522 17	300.6250	287.1875	42 08 52N 084 26 09W	I
•	1522 17	300.8125	287.1250	42 08 52N 084 00 40W	V	1200 045 1522 27	278.6875	236.0000	42 06 44N 084 26 13W	I
I 1200 065 1522 27	281.3750	284.5625	42 05 23N 084 26 30W	I	→ 1200 055 1522 27	300.6875	287.4375	42 09 07N 084 26 51W	I	
V 1200 045 1522 37	278.7500	286.3125	42 07 01N 084 30 08W	I	1200 045 1522 37	281.1250	284.3750	42 05 14N 084 26 50W	I	
→ V 1200 1522 37	300.7500	287.8750	42 09 37N 084 00 42W	+	1522 38	299.3125	301.6875	42 23 19N 084 03 31W	I	
V 1200 044 1522 47	278.9375	286.6875	42 07 23N 084 30 01W	I	1200 065 1522 47	280.8750	283.8750	42 04 43N 084 27 08W	I	
→ I 1200 056 1522 47	300.6250	288.1875	42 09 52N 084 00 53W	+	1522 56	308.0625	274.6250	41 56 40N 083 50 15W	I	
V 1200 043 1522 57	279.0000	286.8750	42 07 38N 084 29 51W	I	1200 065 1522 57	280.3000	283.6875	42 04 28N 084 27 37W	I	
→ I 1200 056 1522 57	300.6875	288.6250	42 10 21N 084 00 56W	I	1200 065 1523 07	280.1875	283.3750	42 04 11N 084 28 08W	I	
→ V 1200 1523 07	300.6250	289.0000	42 10 44N 084 00 56W	V	1200 042 1523 08	279.1250	287.1250	42 07 53N 084 29 42W	I	

Last one plot page 3

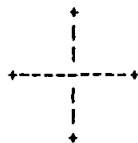
last one on
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Plot
Page 3

Page 2

NTAP PLOT - PLOT DURATION 706 DATE 03/18/93
 TAPE(S) DB7057
 X ORIGIN = 278.000 Y ORIGIN = 266.000 START INTERVAL TIME 1503.15 STOP INTERVAL TIME 1511.00

SCALE = 1 INCH 3.000 NM



THE ABOVE DIAGRAM SHOULD MEASURE 1 INCH FROM + TO + IN BOTH THE VERTICAL AND HORIZONTAL DIRECTIONS. IF IT DOES NOT, THE SCALE IS INACCURATE.

301.507 .
 301.013 .
 300.520 .
 300.027 .
 299.534 .
 299.041 .
 298.548 .
 298.054 .
 297.562 .
 297.068 .
 296.575 .
 296.082 .
 295.589 .
 295.096 .
 294.603 .
 294.109 .
 293.616 .
 293.123 .
 292.630 .
 292.137 .
 291.644 .
 291.150 .
 290.657 .
 290.164 .
 289.671 .
 289.178 .
 288.685 .
 288.192 .
 287.698 .
 287.205 .
 286.712 .
 286.219 .
 285.726 .
 285.233 .
 284.740 .
 284.246 .
 283.753 .
 283.260 .
 282.767 .
 282.274 .
 281.781 .
 281.288 .
 280.794 .
 280.301 .
 279.808 .
 279.315 .
 278.822 .

EE-35:00
 --29:32
 --30:23
 .. --32:44V-28:41
 ... F-35:00
 + \-30:33-34:35
 \-27:10
 --24:59
 +-25:19
 +-34:15
 +-33:04
 I-23:18(065)
 I-23:23(065)
 II-23:38(065)
 I-23:58(065)
 I-24:08(065)
 I-23:12(056)
 I-24:17(056)
 I-28:42(054)
 V V V I-24:22(055)
 V V V V I-24:11(055)
 V-25:19 I-27:54(059)
 \-25:35 I-27:41(056)
 I-27:31(056)
 I-27:11(057)
 I-27:00(057)
 I-26:40(057)
 I-26:30(057)
 I-26:10(056)
 I-25:40(055)
 I-25:50(056)
 I-25:29(056)
 I-25:19(056)
 I-25:02(056)
 II-24:42(056)
 I-24:39 \-52:14
 I-24:29(056)
 I-24:31(056)
 I-23:38(056)
 V-23:31(056)
 I-23:19 \-27:10
 V-23:19
 --24:28
 --24:14
 --24:14
 --24:14

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 N152067

JXN

LIST - LIST OF PLOT SYMBOLS IN TIME SEQUENCE WITH LAT/LONG CONVERSION

PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE	PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE
2			FO1	281.1250	294.8750	42 15 44N	084 27 30W	V	1200	041	1523 18	279.1375	287.5000	42 08 14N	084 27 44W
I	1200	065	1523 18	279.8750	283.0625	42 03 49N	084 28 25W	V	1200		1523 18	300.5000	289.3750	42 11 06N	084 31 07W
V	1200	040	1523 28	279.2500	287.8125	42 08 32N	084 29 34W	I	1200	065	1523 28	277.4375	282.7500	42 03 31N	084 30 07W
I	1200	055	1523 28	300.5000	289.6875	42 11 22N	084 01 08W	.			1523 37	311.4125	277.4375	41 59 34N	084 45 00W
I	1200	065	1523 38	279.1875	282.3125	42 03 02N	084 29 24W	V	1200	039	1523 38	279.3750	288.1875	42 08 59N	084 29 26W
V	1200	055	1523 38	300.3750	290.1250	42 11 51N	084 01 20W	I	1200	065	1523 48	278.8125	282.1250	42 07 52N	084 29 54W
+			1523 48	279.4375	288.2500	42 09 01N	084 29 27W	V	1200	056	1523 48	300.2500	290.3125	42 11 59N	084 31 30W
.			1523 57	289.3750	272.0625	41 53 16N	084 15 01W	I	1200	065	1523 58	278.5625	281.6875	42 02 23N	084 30 12W
V	1200		1523 58	279.5625	288.6250	42 09 24N	084 29 18W	.			1523 58	278.8125	288.8125	42 09 33N	084 30 08W
I	1200	056	1523 58	300.1875	290.7500	42 12 28N	084 01 43W	I	1200	065	1524 08	270.7500	281.3125	42 01 59N	084 30 29W
V	1200		1524 08	279.7500	289.0000	42 09 47N	084 28 58W	I	1200	056	1524 08	300.0000	291.0625	42 12 43N	084 31 53W
V	1200		1524 18	279.8125	272.4375	41 53 11N	084 27 56W	.			1524 18	279.8750	289.1250	42 09 59N	084 28 49W
I	1200	056	1524 18	300.0000	291.3750	42 13 05N	084 01 54W	+			1524 18	310.1250	289.3750	42 11 30N	084 33 11W
.			1524 19	313.6875	294.3125	42 16 32N	083 43 45W	V	1200	035	1524 28	279.8125	289.6875	42 10 26N	084 29 02W
V	1200	031	1524 28	280.3125	272.2500	41 53 04N	084 27 15W	.			1524 28	311.5000	299.3750	42 11 33N	084 35 29W
V	1200		1524 29	296.6250	299.7500	42 21 18N	084 06 56W	I	1200	056	1524 29	299.0375	291.7500	42 13 27N	084 32 07W
V	1200	031	1524 38	280.8750	272.2500	41 53 06N	084 26 24W	.			1524 38	290.4125	270.3125	41 51 34N	084 31 00W
V	1200	034	1524 39	279.9375	289.8125	42 10 34N	084 28 52W	.			1524 39	280.0625	289.8750	42 10 40N	084 28 43W
V	1200		1524 39	296.4375	299.6875	42 21 11N	084 07 17W	V	1200		1524 39	297.5625	299.6875	42 21 13N	084 08 26W
I	1200	056	1524 39	299.9375	292.1250	42 13 49N	084 02 08W	V	1200		1524 48	281.7125	272.1875	41 53 01N	084 25 59W
V	1200		1524 49	296.5000	299.8750	42 21 25N	084 07 07W	V	1200		1524 49	297.6250	279.8125	42 21 22N	084 07 35W
I	1200	056	1524 49	299.8750	292.5000	42 14 12N	084 02 04W	V	1200		1524 58	281.7500	272.2500	41 53 02N	084 25 16W
+			1524 59	287.0625	290.0625	42 11 01N	084 19 19W	V	1200		1524 59	295.0375	299.5625	42 21 02N	084 27 27W
V	1200		1524 59	297.0625	300.0000	42 21 34N	084 06 28W	I	1200	056	1524 59	299.7500	292.8750	42 14 34N	084 32 30W
V	1200	031	1525 08	282.2500	272.2500	41 53 10N	084 24 36W	V	1200	030	1525 08	295.6875	295.5000	42 21 01N	084 25 17W
I	1200	056	1525 09	299.7500	293.2500	42 14 57N	084 02 21W	V			1525 18	282.7500	272.1250	41 53 04N	084 23 53W
V	1200	037	1525 18	282.7500	272.1250	41 53 04N	084 23 53W	V			1525 18	292.3750	268.5625	41 49 34N	084 30 46W
+			1525 19	289.8125	289.8750	42 11 08N	084 15 37W	I	1200	056	1525 19	299.7500	293.5625	42 15 12N	084 32 02W
V	1200	030	1525 29	283.3750	272.0000	41 52 58N	084 23 07W	I	1200	056	1525 29	300.7500	294.0000	42 15 41N	084 32 02W
V			1525 30	294.8750	298.6875	42 20 07N	084 09 14W	/			1525 30	295.1250	299.4375	42 20 07N	084 09 14W
V	1200	029	1525 30	295.1250	299.4375	42 20 53N	084 08 56W	V	1200	029	1525 39	283.7500	272.0625	41 53 00N	084 32 32W
I	1200	056	1525 39	299.6250	294.3125	42 15 57N	084 02 36W	V	1200		1525 50	294.3125	299.0625	42 20 28N	084 32 07W
I	1200	056	1525 50	299.6250	294.6875	42 16 20N	084 02 35W	I	1200	056	1526 00	299.3000	295.0625	42 16 42N	084 32 47W
V	1200	027	1526 05	284.9375	271.9375	41 52 56N	084 21 03W	I	1200	056	1526 10	299.5625	275.3750	42 17 03W	084 32 58W
V	1200	027	1526 15	285.4375	271.9375	41 52 57N	084 20 24W	I	1200	056	1526 20	299.4375	295.6875	42 17 19N	084 33 03W
.			1526 20	313.5625	294.1875	42 16 24N	083 43 55W	V	1200	026	1526 25	285.0000	271.7500	41 52 50N	084 32 31W
I	1200	057	1526 30	299.3125	296.0625	42 17 41N	084 03 12W	.			1526 30	313.6875	294.3125	42 16 32N	083 43 46W
V	1200	026	1526 35	286.5000	271.7500	41 52 52N	084 13 51W	I	1200	057	1526 40	299.3500	276.4375	42 18 04N	084 33 12W
I	1200	057	1526 50	299.1250	296.7500	42 18 25N	084 03 24W	I	1200	057	1527 00	299.6500	297.1250	42 18 47N	084 33 28W
+			1527 00	303.8125	289.6250	42 11 29N	083 36 47W	.			1527 00	313.6875	294.3125	42 16 32N	083 43 46W
V			1527 10	288.3750	294.6875	42 15 50N	084 17 44W	V			1527 10	305.7875	289.6875	42 11 30N	083 34 16W
I	1200	057	1527 11	298.8750	297.3750	42 19 02N	084 03 44W	I	1200	057	1527 21	292.7500	297.7500	42 12 24N	084 32 57W
I	1200	056	1527 31	298.6875	298.0625	42 19 40N	084 04 09W	V	1200		1527 40	290.7500	271.5625	41 52 47N	084 33 20W
I	1200	056	1527 41	298.6250	298.4375	42 20 02N	084 04 10W	V	1200	023	1527 50	290.2500	271.4375	41 52 41N	084 33 40N
I	1200	055	1527 51	298.5625	298.8125	42 20 24N	084 04 23W	V	1200	022	1528 00	290.7500	271.3125	41 52 24N	084 33 08W
I	1200	055	1528 01	298.3750	299.1250	42 20 45N	084 04 31W	.			1528 01	313.6875	294.3750	42 16 38N	083 43 48W
I	1200	055	1528 11	298.3125	299.4375	42 21 01N	084 04 46W	V	1200		1528 20	291.6875	271.0625	41 52 22N	084 33 54W
.			1528 21	313.6875	294.3750	42 16 38N	083 43 45W	I	1200	055	1528 22	293.3500	299.8125	42 21 23N	084 34 45W
.			1528 31	278.0625	296.6875	42 17 20N	084 31 50W	.			1528 31	285.0625	296.1875	42 17 10N	084 32 23W
.			1528 31	313.6875	294.3125	42 16 32N	083 43 45W	I	1200	034	1528 32	296.1250	300.1875	42 21 46N	084 34 35W
V	1200		1528 41	283.3750	295.5000	42 16 27N	084 29 31W	I	1200	034	1528 42	293.3625	300.5000	42 22 47N	084 35 01W
.			1528 52	278.1875	296.5625	42 17 13N	084 31 40W	I	1200	034	1528 51	297.8750	300.9375	42 22 30N	084 35 19W
V	1200	030	1529 01	293.6250	270.8750	41 52 19N	084 09 16W	V	1200		1529 02	281.8750	295.3125	42 16 09N	084 26 31W
I	1200	054	1529 02	297.8750	301.2500	42 22 52N	084 05 20W	I	1200	054	1529 12	297.3125	301.5625	42 23 07N	084 35 30W
+			1529 12	313.5625	294.3125	42 16 31N	083 43 55W	V	1200	020	1529 21	294.5000	270.8125	41 52 14N	084 33 03W
I	1200	054	1529 22	297.6250	301.1875	42 23 28N	084 05 43W	V	1200	020	1529 31	290.3000	270.7500	41 52 15N	084 32 23W
.			1529 32	278.8125	296.4375	42 17 08N	084 30 43W	V	1200	021	1529 41	296.4375	270.7500	41 52 16N	084 32 36W
V	1200	021	1529 51	295.8125	270.6875	41 52 10N	084 06 25W	+			1529 01	283.7500	271.9375	41 53 53N	084 32 34W
V	1200	020	1530 01	296.3750	270.6250	41 52 11N	084 05 34W	.			1530 02	313.6875	294.2500	42 16 31N	083 43 47W

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I-33:47(064)
 I-35:27(064)
 II-35:06(063)
 I-34:56
 II-34:36(064)
 I-34:16(063)
 II-33:56(061)
 I-33:36(062)
 II-33:16(061)
 I-31:06(061)
 II-32:46(061)
 II-32:26(061)
 I-30:06(061)
 I-31:34
 II-31:34
 I-31:14
 (057) 31:04-I
 (056) 30:44-I
 (056) 30:23-I
 (055) 30:13-I
 (055) 30:03-II
 (054) 29:32-I
 (054) 29:22-I
 (054) 29:11-II
 (054) 28:52-I

plot
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2 parts

plot ↓
page 4

[illegible]

PDR	PVD	PVD	CHAR	TYPE	SYMBOL	CODE	ALT	TRK#	FOB/CDB-ATD;FIELDS	B,C,D, & E
2	ALL		V	LDB		1200				
6	ALL		V	B/L	V	1200	036			
6	ALL		V	B/L	V	1200	037			
6	ALL		V	B/L	V	1200	037			
6	ALL		V	B/L	V	1200	037			
6	ALL		V	B/L	V	1200	037			
6	ALL		V	B/L	V	1200	037			
6	ALL		V	B/L	V	1200	036			
2	ALL		I	B/L	I	1200	054			
6	ALL		V	B/L	V	1200	037			
2	ALL		I	B/L	I	1200	054			
6	ALL		V	B/L	V	1200	037			
2	ALL		I	B/L	I	1200	054			
6	ALL		V	B/L	V	1200	037			
2	ALL		I	B/L	I	1200	054			
6	ALL		V	B/L	V	1200	037			
2	ALL		I	B/L	I	1200	054			
6	ALL		V	B/L	V	1200	037			
2	ALL		I	B/L	I	1200	055			
6	ALL		V	B/L	V	1200	037			
2	ALL		I	B/L	I	1200	055			
2	ALL		I	B/L	I	1200	055			
2	ALL		I	B/L	I	1200	056			
2	ALL		V	LDB		1200				
2	ALL		V	LDB		1200	056			
5	ALL		V	LDB		1200				

PLOT				TIME		COORD.		Y		PLOT				TIME		COORD.		Y	
SYM	CODE	ALT	HHMM SS	X	COORD.	COORD.	LATITUDE	LONGITUDE	SYM	CODE	ALT	HHMM SS	X	COORD.	COORD.	LATITUDE	LONGITUDE		
.			1527 21	266.1250	323.9375	42 43 58N	084 49 42W	+	.			1527 21	276.1250	310.8125	42 31 22N	084 50 17W			
.			1527 22	290.1250	329.5000	42 50 45N	084 17 32W	+	.			1527 25	263.5625	318.6875	42 38 35N	084 53 54W			
.			1527 31	275.3125	304.8750	42 25 26N	084 36 05W	V	1200			1527 31	276.6250	304.8125	42 25 24N	084 34 12W			
.			1527 31	279.5625	310.4375	42 31 09N	084 30 43W	+	.			1527 41	276.2500	310.8125	42 31 22N	084 15 07W			
+			1527 42	288.0625	329.1875	42 50 17N	084 20 25W	V	1200 035			1527 45	266.1750	300.1250	42 20 14N	084 47 40W			
.			1527 51	276.3750	310.8750	42 31 29N	084 34 57W	V	1200 037			1527 55	266.6875	300.6250	42 20 45N	084 47 25W			
V	1200	037	1528 05	267.0625	301.0000	42 21 09N	084 46 56W	+	.			1528 12	279.9375	312.1875	42 32 55N	084 30 19W			
V	1200	037	1528 15	267.2500	301.5000	42 21 39N	084 46 37W	+	.			1528 22	283.3125	311.4375	42 32 20N	084 29 43W			
V	1200	037	1528 25	267.3125	302.0625	42 22 10N	084 46 40W	+	.			1528 32	280.1250	313.1875	42 33 56N	084 30 02W			
V	1200	037	1528 36	267.7500	302.3750	42 22 33N	084 46 00W	+	.			1528 42	276.8125	310.8750	42 31 30N	084 34 22W			
V	1200	036	1528 46	267.9375	303.0000	42 23 11N	084 45 54W	I	1200 054			1528 52	297.9375	300.9375	42 22 30N	084 05 19W			
V	1200	037	1528 56	268.1875	303.4375	42 23 36N	084 45 35W	I	1200 054			1529 02	297.3750	301.2500	42 22 52N	084 05 20W			
V	1200	037	1529 06	268.5625	303.7500	42 23 58N	084 45 06W	+	.			1529 12	279.3125	312.9375	42 33 38N	084 31 13W			
I	1200	054	1529 12	297.8125	301.5625	42 23 07N	084 05 32W	V	1200 037			1529 16	268.5000	304.4375	42 24 37N	084 45 08W			
I	1200	054	1529 22	297.6250	301.8750	42 23 28N	084 05 43W	V	1200			1529 26	268.7375	304.7500	42 24 59N	084 44 40W			
I	1200	054	1529 32	297.5000	302.2500	42 23 50N	084 05 54W	V	1200			1529 36	269.1250	305.2500	42 25 30N	084 44 41W			
+			1529 43	275.2500	326.6875	42 47 11N	084 37 32W	+	.			1529 43	277.3125	310.9375	42 31 33N	084 33 47W			
I	1200	054	1529 43	297.4375	302.5625	42 24 06N	084 06 06W	+	.			1529 46	269.2500	305.5625	42 25 46N	084 44 12W			
+			1529 53	274.1250	326.3750	42 46 51N	084 39 02W	I	1200 055			1529 53	297.3125	302.9375	42 24 28N	084 06 18W			
V	1200	037	1529 56	269.5000	306.1875	42 26 25N	084 43 54W	+	.			1530 03	277.1250	326.1250	42 46 33N	084 40 23W			
.			1530 03	277.4375	310.8125	42 31 25N	084 33 37W	+	.			1530 03	280.1250	316.6875	42 37 26N	084 30 16W			
I	1200	055	1530 03	297.1250	303.1875	42 24 43N	084 06 28W	+	.			1530 13	277.1875	326.0625	42 46 24N	084 41 44W			
I	1200	055	1530 13	297.0000	303.5625	42 25 05N	084 06 39W	+	.			1530 23	271.0625	325.6875	42 45 58N	084 43 14W			
V	1200		1530 23	279.5000	317.3750	42 38 08N	084 31 09W	I	1200 056			1530 23	296.8125	303.8125	42 25 19N	084 07 01W			
.			1530 27	262.2500	308.3125	42 23 10N	084 53 29W	+	.			1530 33	270.0625	325.4375	42 45 40N	084 40 37W			
\			1530 33	270.1250	325.3750	42 45 39N	084 44 24W	\	.			1530 33	272.5000	314.5000	42 34 55N	084 40 26W			
\			1530 33	278.5000	317.8750	42 38 35W	084 32 32W	\	.			1530 33	279.5625	317.8125	42 38 31N	084 31 10W			
I			1530 33	296.7500	304.0625	42 25 34N	084 07 01W	V	1200 056			1530 33	296.7500	304.0625	42 25 34N	084 07 01W			
.			1530 37	262.2500	303.3125	42 23 10N	084 53 29W	V	1200			1530 37	270.3125	308.0625	42 28 19N	084 43 02W			
+			1530 43	269.0000	325.1250	42 45 21N	084 45 54W	V	1200			1530 43	279.3750	318.2500	42 39 06N	084 31 23W			
+			1530 43	279.4375	318.1250	42 38 52N	084 31 23W	I	1200 056			1530 43	296.6250	304.4375	42 25 57N	084 07 12W			
\			1530 53	272.3750	309.0000	42 29 25N	084 40 13W	.	.			1530 53	277.9375	310.6875	42 31 19N	084 32 50W			
I			1530 53	296.4375	304.6250	42 26 10N	084 07 35W	V	1200 056			1530 53	296.4375	304.6250	42 26 10N	084 07 35W			
+			1530 54	267.9375	324.6875	42 44 48N	084 47 24W	V	1200			1530 54	279.0625	318.6875	42 39 22N	084 31 56W			
+			1530 57	262.3750	303.3750	42 23 17N	084 53 19W	+	.			1531 03	278.0000	310.8125	42 31 27N	084 32 45W			
+			1531 04	267.0000	324.5000	42 44 37N	084 48 34W	I	1200 057			1531 04	296.2500	305.0625	42 26 33N	084 07 40W			
.			1531 07	262.3125	303.3750	42 23 16N	084 53 30W	V	1200 036			1531 07	279.9375	309.5625	42 29 51N	084 42 16W			
+			1531 14	265.9375	324.1250	42 44 11N	084 50 05W	.	.			1531 14	278.1250	310.9375	42 31 35W	084 32 35W			
I	1200	057	1531 14	296.0000	305.2500	42 26 46N	084 05 06W	.	.			1531 17	262.6250	303.3750	42 23 17N	084 32 00W			
V	1200	037	1531 17	271.1875	310.0625	42 30 22N	084 42 00W	I	1200 058			1531 24	279.8750	305.5625	42 27 02N	084 08 17W			
.			1531 27	262.5625	303.3750	42 23 17N	084 53 10W	.	.			1531 34	278.2500	310.8750	42 31 34N	084 32 25W			
I	1200	058	1531 34	295.7500	305.8125	42 27 17N	084 08 28W	.	.			1531 37	262.5625	303.3750	42 23 17N	084 53 10W			
I	1200	058	1531 44	295.4375	306.1250	42 27 37N	084 09 01W	+	.			1531 48	262.6250	303.3750	42 23 17N	084 53 10W			
I	1200	059	1531 54	295.2500	306.3750	42 27 52N	084 09 11W	.	.			1531 58	262.4125	303.2500	42 23 10N	084 52 49W			
.			1532 04	278.5000	310.8750	42 31 35N	084 32 03W	I	1200 059			1532 04	295.1250	306.6875	42 28 08N	084 09 22W			
\			1532 14	274.6875	314.4375	42 34 55N	084 37 34W	I	.			1532 14	295.0000	307.0000	42 28 29N	084 09 33W			
V	1200	060	1532 14	295.0000	307.0000	42 28 29N	084 09 33W	.	.			1532 18	269.4375	309.3125	42 29 32N	084 44 18W			
.			1532 24	278.6875	311.0000	42 31 43N	084 31 56W	I	1200 060			1532 24	294.8750	307.2500	42 28 43N	084 09 46W			
.			1532 34	278.8125	310.8750	42 31 36N	084 31 46W	+	.			1532 35	275.1875	316.0000	42 36 32N	084 37 00W			
I	1200	060	1532 35	294.5625	307.5625	42 28 58N	084 10 17W	+	.			1532 45	275.4375	316.5000	42 37 03N	084 36 42W			
I	1200	061	1532 45	294.3750	307.7500	42 29 12N	084 10 27W	.	.			1532 48	263.2500	303.1250	42 23 04N	084 52 07W			
+			1532 55	275.6250	317.1875	42 37 42N	084 36 23W	.	.			1532 55	278.4375	310.8750	42 31 36N	084 31 35W			
I	1200	061	1532 55	294.1250	308.1250	42 29 34N	084 10 49W	.	.			1532 58	263.1250	303.1875	42 23 05N	084 52 17W			
I	1200	061	1533 05	294.0000	308.3750	42 29 49N	084 10 59W	.	.			1533 13	274.1250	311.0000	42 31 45N	084 31 15W			
I	1200	061	1533 15	293.8750	308.6875	42 30 04N	084 11 10W	I	1200 062			1533 25	272.5625	308.9375	42 30 18N	084 31 45W			
.			1533 26	292.0625	325.4375	42 46 44N	084 14 45W	.	.			1533 29	263.6250	303.1875	42 23 07N	084 51 37W			
I	1200	062	1533 35	293.4375	309.2500	42 30 39N	084 11 54W	.	.			1533 39	263.4375	303.3125	42 23 13N	084 51 59W			
.			1533 39	263.5625	317.8750	42 37 49N	084 52 51W	.	.			1533 45	279.3125	310.8750	42 31 37N	084 31 05W			
I	1200	062	1533 45	293.0625	309.3750	42 30 46N	084 12 25W	+	.			1533 49	263.5625	303.2500	42 23 13N	084 51 49W			
.			1533 55	279.5000	310.9375	42 31 39N	084 30 44W	I	1200 061			1533 55	292.9375	309.6875	42 31 02N	084 12 35W			
.			1533 58	263.6250	303.1875	42 23 07N	084 51 37W	.	.			1534 06	279.7500	326.6250	42 47 23N	084 31 26W			

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1534 16	279.8750	327.1875	42 47 54N	084 31 17W	I	1200 062	1534 14	292.4375	310.3750	42 31 44N	084 13 19W	
1534 19	263.8750	303.0625	42 23 00N	084 51 16W	I	1200 062	1534 15	297.2500	310.5625	42 31 52N	084 13 20W	
1534 29	263.9375	303.1875	42 23 07N	084 51 18W	I		1534 36	272.3750	317.1875	42 37 34N	084 40 06W	
1534 36	279.7500	311.0000	42 31 46N	084 30 24W	+		1534 36	279.7500	327.9375	42 48 39N	084 31 30W	
I 1200 063	1534 36	292.0000	310.8750	42 32 13N	084 13 51W	+		1534 39	264.1250	303.0000	42 23 00N	084 40 56W
1534 46	279.8125	310.8125	42 31 37N	084 30 24W	I	1200 063	1534 46	291.8125	311.0000	42 32 20N	084 14 14W	
1534 50	264.0625	303.0625	42 23 00N	084 51 07W	+		1534 56	283.7500	326.5625	42 47 28N	084 36 03W	
I 1200 063	1534 56	291.5625	311.3125	42 32 35N	084 14 33W	+		1534 56	291.6375	311.3750	42 32 42N	084 14 24W
1535 00	263.9375	303.1875	42 23 07N	084 51 18W	+		1535 06	280.0000	300.6375	42 21 49N	084 18 37W	
I 1200 063	1535 06	291.3750	311.6250	42 32 56N	084 14 44W	+		1535 07	282.8750	326.6250	42 47 32N	084 27 11W
I 1200 064	1535 16	291.2500	311.8750	42 33 11N	084 14 55W	I	1200 064	1535 27	291.0000	312.1875	42 33 26N	084 15 18W
1535 30	264.3125	302.8750	42 22 53N	084 50 47W	I	1200 064	1535 37	290.8750	312.4375	42 33 41N	084 15 27W	
1535 46	280.3125	311.0625	42 31 49N	084 29 44W	I	1200 064	1535 47	290.6250	312.7500	42 34 02N	084 15 49W	
I 1200 064	1535 57	290.4375	312.9375	42 34 10N	084 16 11W	+		1536 00	264.3750	303.0000	42 23 00N	084 50 36W
I 1200 064	1536 07	290.1875	313.3750	42 34 38N	084 16 33W	+		1536 10	264.5625	303.0000	42 23 01N	084 50 27W
1536 17	281.8125	304.0625	42 24 53N	084 27 16W	I	1200 064	1536 17	290.0625	313.5625	42 34 46N	084 16 43W	
1536 21	264.7500	302.9375	42 22 55N	084 50 05W	+		1536 27	280.7500	311.0625	42 31 50N	084 20 01W	
I 1200 064	1536 27	289.9375	313.9375	42 35 08N	084 16 59W	+		1536 37	283.7500	311.0625	42 31 50N	084 29 01W
I 1200 064	1536 37	289.6875	314.1250	42 35 22N	084 17 16W	+		1536 38	279.5000	313.1875	42 53 53N	084 12 12W
I 1200 064	1536 47	289.5000	314.3750	42 35 36N	084 17 26W	I	1200 064	1536 58	289.1875	314.5625	42 35 44N	084 17 58W
1537 07	281.0000	311.0625	42 31 51N	084 28 43W	I	1200 064	1537 08	288.9750	314.8125	42 35 58N	084 18 13W	
1537 11	265.1250	302.8125	42 22 49N	084 49 34W	I	1200 064	1537 18	288.7500	315.0625	42 36 13N	084 14 30W	
1537 21	265.0625	302.8750	42 22 55N	084 49 46W	I	1200 064	1537 23	288.5000	315.4375	42 36 34N	084 15 51W	
1537 31	269.6250	314.1875	42 34 24N	084 44 17W	+		1537 38	281.3125	311.1875	42 31 59N	084 28 24W	
I 1200 064	1537 38	288.3750	315.6250	42 36 48N	084 19 02W	+	1200 064	1537 48	288.0625	315.8750	42 37 02N	084 19 31W
1537 52	265.3125	302.8125	42 22 49N	084 49 25W	I	1200 064	1537 58	287.9375	316.1250	42 37 17N	084 19 46W	
1538 02	265.2500	302.8750	42 22 56N	084 49 25W	I	1200 064	1538 08	287.6250	316.3750	42 37 31N	084 20 06W	
1538 12	265.3750	302.8125	42 22 50N	084 49 14W	/		1538 12	271.8750	309.9375	42 30 17N	084 40 58W	
V 1200 350	1538 12	271.8750	309.9375	42 30 17N	084 40 58W	+		1538 18	264.8125	324.1250	42 44 08N	084 31 30W
I 1200 064	1538 18	287.3750	316.6875	42 37 46N	084 20 27W	+		1538 19	287.5000	316.6250	42 37 46N	084 20 17W
1538 22	271.1875	310.4375	42 30 44N	084 42 01W	I	1200 064	1538 29	287.3125	317.0000	42 38 07N	084 20 40W	
1538 32	265.5625	317.7500	42 37 48N	084 50 08W	+		1538 32	265.3750	302.6250	42 22 43N	084 44 33W	
1538 32	270.1250	311.0000	42 31 18N	084 43 24W	I	1200 064	1538 39	287.0625	317.3125	42 33 23N	084 21 01W	
1538 42	269.2500	311.4375	42 31 38N	084 44 36W	I	1200 064	1538 49	286.7500	317.3125	42 38 22N	084 21 23W	
1538 52	268.0625	312.1250	42 32 19N	084 46 22W	I	1200 064	1538 59	286.5000	317.5625	42 38 36N	084 21 41W	
1539 02	265.8750	302.7500	42 22 50N	084 48 34W	\		1539 00	267.3125	312.5625	42 37 40N	084 27 24W	
I 1200 064	1539 09	286.2500	317.6875	42 38 43N	084 22 02W	I	1200 064	1539 19	285.9375	317.9375	42 38 57N	084 22 35W
1539 22	265.8750	317.6875	42 37 43N	084 49 36W	I	1200 064	1539 29	285.5000	317.6875	42 37 41N	084 23 01W	
1539 32	264.8125	313.9375	42 33 54N	084 50 53W	+		1539 33	265.0000	302.6875	42 22 44N	084 48 21W	
1539 39	266.6250	321.5625	42 41 37N	084 48 52W	I	1200 061	1539 39	285.4375	317.8125	42 38 48N	084 23 15W	
1539 43	266.1250	302.6250	42 22 43N	084 48 13W	\		1539 49	264.7500	327.1250	42 47 20N	084 46 23W	
I 1200 050	1539 49	285.0625	317.6250	42 38 39N	084 23 45W	+		1539 58	283.0000	314.8750	42 34 48N	084 24 14W
1539 53	266.2500	302.5000	42 22 36N	084 48 02W	I	1200 050	1540 00	284.7500	317.6250	42 38 38N	084 24 04W	
1540 03	262.0625	315.4375	42 35 16N	084 54 42W	I	1200 056	1540 10	284.5625	317.7500	42 38 45N	084 24 26W	
I 1200 055	1540 20	284.1250	317.5000	42 38 29N	084 24 54W	+		1540 20	284.2500	317.5000	42 38 29N	084 24 54W
1540 30	282.5625	311.3125	42 32 10N	084 26 44W	I	1200 055	1540 30	283.8750	317.3750	42 38 20N	084 25 19W	
1540 33	266.6250	302.4375	42 22 31N	084 47 31W	I	1200 055	1540 40	283.5625	317.3125	42 38 13N	084 25 46W	
1540 43	266.8125	302.4375	42 22 31N	084 47 22W	I	1200 056	1540 50	283.2500	317.2500	42 38 11N	084 26 04W	
I 1200 056	1541 00	283.1875	317.6250	42 38 33N	084 26 17W	+		1541 04	271.1250	314.5625	42 34 52N	084 42 17W
I 1200 056	1541 10	282.7500	317.6875	42 38 33N	084 26 44W	+		1541 10	282.8125	317.5000	42 38 25N	084 26 47W
1541 10	282.8750	311.3750	42 32 19N	084 26 12W	I	1200 055	1541 20	282.5625	317.8125	42 38 40N	084 27 04W	
1541 20	282.6250	317.7500	42 38 39N	084 26 57W	+		1541 20	283.0625	311.4375	42 32 19N	084 26 03W	
1541 24	267.0625	302.2500	42 22 24N	084 47 01W	I	1200 055	1541 30	282.7500	318.1250	42 39 02N	084 26 47W	
1541 30	283.1875	311.4375	42 32 20N	084 25 51W	I	1200 055	1541 41	282.9375	318.6875	42 39 33N	084 26 41W	
1541 44	267.1250	302.1875	42 22 18N	084 46 50W	I	1200 055	1541 51	283.0625	318.9375	42 39 49N	084 26 12W	
I 1200 055	1542 01	283.1250	319.3125	42 40 12N	084 25 22W	I	1200 055	1542 11	283.1875	319.6875	42 40 34N	084 26 25W
1542 14	267.2500	302.3750	42 22 32N	084 46 41W	+		1542 21	283.0625	325.6250	42 45 32N	084 24 05W	
I 1200 055	1542 21	283.1250	320.0000	42 40 56N	084 26 25W	+		1542 21	283.6250	311.5625	42 32 28N	084 27 12W
I 1200 055	1542 31	283.2500	320.3750	42 41 18N	084 26 16W	I	1200 054	1542 41	283.3750	320.9375	42 41 50N	084 26 03W
1542 45	267.5000	302.2500	42 22 25N	084 46 20W	I	1200 054	1542 51	283.3750	321.3125	42 42 12N	084 26 17W	
I 1200 054	1543 02	283.4375	321.6875	42 42 35N	084 26 12W	I	1200 054	1543 12	283.5000	322.1250	42 43 04N	084 26 03W
1543 15	267.8125	302.1875	42 22 19N	084 46 00W	+		1543 21	272.0625	314.6250	42 35 01N	084 41 03W	
I 1200 055	1543 22	283.5000	322.6875	42 43 35N	084 25 05W	+		1543 22	283.5625	322.5000	42 43 27N	084 26 00W
1543 31	272.2500	314.7500	42 35 09N	084 40 47W	I	1200 055	1543 32	283.5000	322.8750	42 43 49N	084 26 06W	

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I	1200	055	1544 02	283.6875	324.1875	42 45	05N	084	26	02W	.	1544 02	284.4375	311.5625	42 32	31N	084	24	12W		
.	.	.	1544 06	268.4375	301.8750	42 22	05N	084	43	09W	.	1544 12	272.5625	314.8125	42 35	11N	084	40	24W		
I	1200	055	1544 12	283.6875	324.5625	42 45	28N	084	26	03W	.	1544 22	283.7500	324.8750	42 45	50N	084	25	50W		
I	1200	056	1544 23	283.5625	324.8750	42 45	49N	084	26	15W	.	1544 26	283.4375	301.8750	42 22	05N	084	48	04W		
.	.	.	1544 32	284.6875	311.5000	42 32	30N	084	23	52W	I	1200	056	1544 33	283.5625	325.1875	42 46	05N	084	26	05W
I	1200	056	1544 43	283.6875	325.6250	42 46	34N	084	26	07W	.	1544 46	268.5000	302.0000	42 22	13N	084	44	58W		
I	1200	056	1544 53	283.6875	326.0000	42 46	57N	084	26	09W	I	1200	056	1545 03	283.9375	326.5000	42 47	27N	084	28	50W
I	1200	057	1545 13	283.7500	326.7500	42 47	42N	084	26	01W	.	1545 13	285.0000	311.5625	42 32	32N	084	23	20W		
I	1200	057	1545 23	283.7500	327.0625	42 47	58N	084	26	02W	.	1545 33	273.5625	321.4375	42 41	51N	084	39	44W		
I	1200	057	1545 33	283.8750	327.6875	42 48	36N	084	25	54W	.	1545 37	268.8750	302.0000	42 22	14N	084	44	28W		
I	1200	058	1545 43	283.9375	327.9375	42 48	51N	084	25	56W	.	1545 43	285.3125	311.6250	42 32	39N	084	23	02W		
.	.	.	1545 53	285.4375	311.6875	42 32	41N	084	22	52W	I	1200	058	1545 54	283.9375	328.3750	42 49	20N	084	25	59W
I	1200	058	1546 04	284.0000	328.8125	42 49	44N	084	25	48W	.	1546 07	269.1250	301.7500	42 22	00N	084	44	07W		
I	1200	058	1546 14	284.0000	329.1875	42 50	06N	084	25	49W	I	1200	058	1546 24	284.0625	329.5000	42 50	28N	084	25	52W
.	.	.	1546 33	285.7500	311.7500	42 32	48N	084	22	20W	.	1546 34	266.8750	320.3750	42 40	29N	084	43	47W		
I	1200	059	1546 34	284.2500	330.0000	42 50	58N	084	25	32W	.	1546 37	269.4375	301.7500	42 22	01N	084	43	48W		
+	.	.	1546 44	265.7500	320.8750	42 40	56N	084	50	00W	.	1546 44	273.6375	315.0000	42 35	28N	084	43	59W		
I	1200	059	1546 44	284.2500	330.4375	42 51	22N	084	25	34W	.	1546 44	285.8125	311.5625	42 32	34N	084	22	21W		
.	.	.	1546 54	264.2500	320.0000	42 39	59N	084	51	58W	.	1546 54	265.0000	321.6875	42 41	40N	084	51	04W		
I	1200	059	1546 54	284.2500	330.7500	42 51	43N	084	25	35W	.	1546 57	271.1875	319.6875	42 39	59N	084	42	34W		
+	.	.	1546 58	269.6250	301.7500	42 22	02N	084	43	26W	.	1547 04	263.5000	320.6875	42 40	35N	084	53	02W		
I	1200	059	1547 04	284.1875	331.0625	42 51	59N	084	25	47W	.	1547 04	266.0625	311.7500	42 32	49N	084	22	01W		
.	.	.	1547 08	269.8125	301.5625	42 21	48N	084	43	16W	.	1547 14	262.3750	320.5625	42 40	24N	084	34	33W		
.	.	.	1547 14	273.8750	315.1250	42 35	36N	084	38	37W	.	1547 14	286.1875	311.6875	42 32	43N	084	21	51W		
I	1200	059	1547 15	284.2500	331.5000	42 52	28N	084	25	38W	.	1547 18	267.6250	314.1875	42 38	18N	084	47	16W		
.	.	.	1547 24	286.1875	311.7500	42 32	49N	084	21	51W	I	1200	059	1547 25	284.2500	331.9375	42 52	52N	084	25	40W
.	.	.	1547 28	269.8750	301.5000	42 21	47N	084	43	05W	I	1200	059	1547 35	284.3750	332.3750	42 53	21N	084	25	71W
.	.	.	1547 44	286.4375	311.7500	42 32	50N	084	21	31W	I	1200	060	1547 45	284.4375	332.8125	42 53	45N	084	25	34W
I	1200	060	1547 55	284.3750	333.1250	42 54	06N	084	25	34W	+	1547 58	270.3750	301.3125	42 21	35N	084	42	24W		
I	1200	060	1548 05	284.4375	333.5625	42 54	30N	084	25	37W	I	1200	060	1548 15	284.5625	334.0000	42 54	59N	084	25	29W
.	.	.	1548 15	286.6250	311.8125	42 32	52N	084	21	10W	I	1200	060	1548 25	284.4375	334.4375	42 55	22N	084	25	40W
.	.	.	1548 25	286.7500	311.7500	42 32	51N	084	20	59W	I	1200	061	1548 35	284.4375	334.7500	42 55	43N	084	25	41W
.	.	.	1548 39	270.4375	301.3750	42 21	42N	084	42	25W	I	1200	061	1548 46	284.4375	335.1250	42 56	06N	084	25	41W
.	.	.	1548 55	287.0000	311.7500	42 32	52N	084	20	39W	I	1200	061	1548 56	284.5000	335.5000	42 56	29N	084	25	33W
.	.	.	1549 05	274.7500	315.1875	42 35	40N	084	37	26W	I	1200	061	1549 06	284.3750	335.9375	42 56	52N	084	25	43W
+	.	.	1549 16	295.2500	316.6875	42 38	08N	084	09	48W	.	1549 19	270.6375	301.3125	42 21	36N	084	42	04W		
.	.	.	1549 25	287.2500	311.6875	42 32	46N	084	20	18W	.	1549 39	271.3625	301.2500	42 21	36N	084	41	34W		
.	.	.	1549 55	293.6875	300.9375	42 22	19N	084	11	04W	.	1549 56	275.1250	315.2500	42 35	48N	084	16	56W		

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PLOT CHARACTER ASSIGNMENTS												
RDR	PVD	PVD	PVD	CHAR	TYPE	SYMBOL	CODE	ALT	TRK#	FDR/CDB-AID;FIELDS	D,C,D, & E	TIME
2	ALL			V	LDB		1200					33:47
2	ALL			V	LDB		1200					33:47

LST3 - LIST OF PLOT SYMBOLS IN TIME SEQUENCE WITH LAT/LONG CONVERSION

PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE	PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE
+			1538 18	264.8125	324.1250	42 44 08N	084 51 36W	+	1200		1538 49	261.8750	325.2500	42 45 06N	084 53 34W
•			1538 49	279.1250	338.6250	42 59 21N	084 33 04W	•			1538 59	261.3125	323.2500	42 43 04N	084 56 17W
+			1539 09	277.4375	343.1875	43 03 46N	084 35 46W	•			1539 39	266.5250	321.5625	42 41 37N	084 48 52W
+			1539 49	268.7500	327.1250	42 47 20N	084 46 23W	•			1540 10	273.5000	337.0625	42 57 27N	084 40 37W
•			1540 50	278.5625	343.6875	43 04 19N	084 34 16W	•			1541 31	257.1250	340.7500	43 00 19N	085 03 09W
I	1200	055	1542 01	283.1250	319.3125	42 40 12N	084 26 22W	I	1200	055	1542 11	283.1875	319.6875	42 40 34N	084 26 25W
•			1542 21	263.0625	325.6250	42 45 32N	084 54 05W	I	1200	055	1542 21	283.1250	320.0000	42 40 56N	084 26 25W
I	1200	055	1542 31	283.2500	320.3750	42 41 18N	084 26 16W	I	1200	054	1542 41	283.3750	320.9375	42 41 50N	084 26 08W
+			1542 42	278.0625	348.2500	43 08 54N	084 35 16W	I	1200	054	1542 51	283.3750	321.3125	42 42 12N	084 24 10W
I	1200	054	1543 02	283.4375	321.6875	42 42 35N	084 26 17W	+			1543 11	259.9375	320.0000	42 39 45N	084 57 54W
I	1200	054	1543 12	283.5000	322.1250	42 43 04N	084 26 03W	V	1200		1543 22	259.1250	320.3125	42 39 58N	084 58 59W
I	1200	055	1543 22	283.5000	322.6875	42 43 35N	084 26 05W	•			1543 22	283.5625	322.5000	42 43 27N	084 26 05W
I	1200	055	1543 32	283.5000	322.8750	42 43 49N	084 26 06W	•			1543 42	270.1250	340.0625	43 00 17N	084 45 25W
I	1200	055	1543 42	283.5625	323.3750	42 44 19N	084 26 09W	I	1200	055	1543 52	283.3750	323.5625	42 44 27N	084 26 18W
I	1200	055	1544 02	283.6875	324.1875	42 45 05N	084 26 02W	I			1544 05	258.2500	319.8125	42 39 26N	085 00 04W
V	1200	080	1544 05	258.2500	319.8125	42 39 26N	085 00 04W	I	1200	055	1544 12	283.5625	324.5625	42 45 28N	084 26 03W
•			1544 22	283.7500	324.8750	42 45 50N	084 25 53W	+			1544 23	276.5000	351.8750	43 12 27N	084 37 33W
I	1200	056	1544 23	283.5625	324.8750	42 45 49N	084 26 15W	I	1200	056	1544 33	283.6375	325.1875	42 46 05N	084 36 39W
•			1544 43	276.2500	352.6250	43 13 11N	084 37 56W	I	1200	056	1544 43	283.6875	325.6250	42 46 34N	084 36 07W
I	1200	056	1544 53	283.6875	326.0000	42 46 57N	084 26 09W	•			1545 03	276.0625	353.4375	43 13 56N	084 36 21W
I	1200	056	1545 03	283.9375	326.5000	42 47 27N	084 25 50W	I	1200	057	1545 13	281.7500	326.7500	42 47 42N	084 36 01W
I	1200	057	1545 23	283.7500	327.0625	42 47 58N	084 26 02W	+			1545 31	273.5625	321.4375	42 41 51N	084 39 14W
•			1545 33	281.4375	340.0000	43 00 50N	084 30 07W	I	1200	057	1545 33	283.3750	327.6875	42 48 36N	084 35 54W
•			1545 34	276.0000	354.6875	43 15 11N	084 38 25W	I	1200	058	1545 43	283.3375	327.9375	42 48 51N	084 35 50W
I	1200	058	1545 54	283.9375	328.3750	42 49 20N	084 25 53W	I	1200	058	1546 04	284.0000	328.8125	42 49 44N	084 35 43W
I	1200	058	1546 14	284.0000	329.1875	42 50 06N	084 25 49W	I	1200	058	1546 24	284.0625	329.5000	42 50 20N	084 35 52W
•			1546 34	266.6250	320.3750	42 40 29N	084 26 47W	I	1200	059	1546 34	284.2500	330.0000	42 50 58N	084 35 37W
+			1546 44	265.7500	320.8750	42 40 56N	084 50 00W	I	1200	059	1546 44	284.2500	330.4375	42 51 22N	084 35 34W
•			1546 54	264.2500	320.0000	42 39 59N	084 51 58W	•			1546 54	265.0000	321.6875	42 41 40N	084 51 04W
I	1200	059	1546 54	284.2500	330.7500	42 51 43N	084 25 35W	•			1546 57	271.1875	319.6875	42 39 59N	084 42 37W
+			1547 04	263.5000	320.6875	42 40 35N	084 53 02W	I	1200	059	1547 04	284.1875	331.0625	42 51 59N	084 35 47W
+			1547 14	262.3750	320.5625	42 40 24N	084 54 33W	I	1200	059	1547 15	284.2500	331.5000	42 52 28N	084 35 38W
+			1547 24	261.2500	320.5625	42 40 20N	084 56 04W	•			1547 24	281.4375	321.0000	42 40 50N	084 35 57W
I	1200	059	1547 25	284.2500	331.9375	42 52 52N	084 25 40W	+			1547 34	283.1875	320.6875	42 40 24N	084 37 37W
I	1200	059	1547 35	284.3750	332.3750	42 53 21N	084 25 31W	+			1547 44	259.0625	320.5625	42 40 13N	084 39 03W
I	1200	060	1547 45	284.4375	332.8125	42 53 45N	084 25 34W	I	1200	060	1547 55	284.3750	333.1250	42 54 06N	084 35 34W
I	1200	060	1548 05	284.4375	333.5625	42 54 30N	084 25 37W	I	1200	060	1548 15	284.5625	334.0000	42 54 59N	084 35 29W
I	1200	060	1548 25	284.4375	334.4375	42 55 22N	084 25 40W	I	1200	061	1548 35	284.4375	334.7500	42 55 43N	084 35 41W
I	1200	061	1548 46	284.4375	335.1250	42 56 06N	084 25 43W	I	1200	061	1548 56	284.5000	335.5000	42 56 29N	084 35 33W
I	1200	061	1549 06	284.3750	335.9375	42 56 52N	084 25 45W	I	1200	061	1549 16	284.4375	336.3125	42 57 14N	084 35 47W
I	1200	061	1549 26	284.5625	336.8125	42 57 46N	084 25 39W	I	1200	061	1549 36	284.3125	337.0625	42 57 59N	084 36 01W
I	1200	061	1549 46	284.4375	337.5000	42 58 28N	084 25 52W	I	1200	061	1549 56	284.3750	337.5625	42 58 28N	084 36 32W
I	1200	061	1550 06	283.5625	337.6250	42 58 33N	084 27 04W	I	1200	062	1550 17	283.3125	337.6875	42 58 34N	084 27 23W
+			1550 26	284.0625	328.6875	42 49 36N	084 25 48W	I	1200	061	1550 27	283.0625	337.7500	42 58 39N	084 27 43W
I	1200	062	1550 37	282.6250	337.6875	42 58 32N	084 28 15W	I	1200	062	1550 47	283.4375	337.7500	42 58 38N	084 28 37W
I	1200	063	1550 57	282.0000	337.6250	42 58 29N	084 29 06W	I	1200	063	1551 07	281.7500	337.7500	42 58 36N	084 29 27W
+			1551 07	288.8750	329.6250	42 50 49N	084 19 14W	I	1200	064	1551 17	281.5625	337.6875	42 58 29N	084 29 47W
•			1551 17	288.0000	328.1875	42 49 17N	084 20 20W	I	1200	064	1551 27	281.2500	337.7500	42 58 34N	084 30 07W
•			1551 37	269.1875	333.3125	42 53 29N	084 46 19W	I	1200	064	1551 37	280.9375	337.8125	42 58 34N	084 30 39W
•			1551 37	287.1250	329.2500	42 50 22N	084 21 35W	I	1200	064	1551 47	280.6250	337.6375	42 58 26N	084 30 54W
•			1551 57	270.3750	331.0625	42 51 18N	084 44 27W	I	1200	064	1551 58	280.4375	337.8750	42 58 39N	084 31 09W
I	1200	065	1552 08	280.0625	337.8125	42 58 32N	084 31 50W	+			1552 08	285.3125	328.8125	42 49 47N	084 34 07W
I	1200	065	1552 18	279.6875	337.8125	42 58 31N	084 32 21W	I	1200	065	1552 28	279.4375	337.8750	42 58 36N	084 34 32W
I	1200	065	1552 38	279.0625	337.6875	42 58 21N	084 33 12W	I	1200	065	1552 48	278.7500	337.7500	42 58 27N	084 33 31W
I	1200	065	1552 58	278.4375	337.7500	42 58 26N	084 34 03W	I	1200	065	1553 08	278.0625	337.5625	42 58 11N	084 34 31W
I	1200	065	1553 18	277.9375	337.8125	42 58 25N	084 34 44W	I	1200	066	1553 28	277.4375	337.5625	42 58 10N	084 35 02W
I	1200	067	1553 39	277.3125	337.6250	42 58 15N	084 35 34W	I	1200	067	1553 49	276.3750	337.5625	42 58 07N	084 36 04W
I	1200	067	1553 59	276.5625	337.5625	42 58 06N	084 36 35W	I	1200	067	1554 09	276.3125	337.4375	42 57 58N	084 36 55W
I	1200	067	1554 19	276.0000	337.4375	42 57 57N	084 37 14W	•			1554 19	277.7500	327.2500	42 47 55N	084 34 11W

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I	1200	067	1555	091	274.4375	337.6250	42 58 06N	084 39 29W	I	1200	067	1555	09	274.6250	337.5000	42 58 00N	084 38 47W
I	1200	069	1555	20	274.3750	337.9375	42 58 22N	084 39 29W	I	1200	070	1555	30	274.0000	338.0625	42 58 29N	084 40 00W
I	1200	069	1555	40	273.7500	338.1875	42 58 36N	084 40 21W	I	1200	069	1555	50	273.4375	338.1875	42 58 34N	084 40 54W
I	1200	069	1556	00	273.1250	338.1875	42 58 34N	084 41 12W	I	1200	070	1556	10	272.9375	338.1875	42 58 33N	084 41 33W
I	1200	070	1556	20	272.6250	338.1875	42 58 32N	084 41 53W	+			1556	30	269.9375	325.6875	42 45 55N	084 44 46W
I	1200	070	1556	30	272.2500	338.1250	42 58 30N	084 42 27W	+			1556	31	286.7500	351.6875	43 12 43N	084 23 32W
.			1556	40	269.4375	325.8750	42 46 07N	084 45 28W	I	1200	071	1556	40	272.0625	338.2500	42 58 37N	084 42 45W
I	1200	071	1556	51	271.6250	338.1875	42 58 29N	084 43 14W	I	1200	071	1557	01	271.4375	333.3125	42 58 36N	084 42 36W
+			1557	01	283.2500	351.7500	43 12 39N	084 28 19W	I	1200	071	1557	11	271.1500	338.3125	42 58 35N	084 43 36W
\			1557	21	267.0000	325.6250	42 45 45N	084 48 39W	I			1557	21	270.8750	338.4375	42 58 42N	084 44 17W
V	1200	072	1557	21	270.8750	338.4375	42 58 42N	084 44 17W	\			1557	21	273.1875	319.5000	42 40 11N	084 33 10W
\			1557	21	280.8750	351.6875	43 12 26N	084 31 33W	+			1557	31	266.4375	325.6250	42 45 43N	084 49 11W
I	1200	072	1557	31	270.5625	338.3750	42 58 40N	084 44 48W	.			1557	41	265.7500	325.3750	42 45 26N	084 50 14W
I	1200	072	1557	41	270.1875	338.3750	42 58 38N	084 45 19W	+			1557	51	265.1875	325.3750	42 45 24N	084 51 11W
I	1200	072	1557	51	269.8750	338.3750	42 58 38N	084 45 38W	+			1558	01	264.5000	325.1250	42 45 07N	084 52 00W
I	1200	072	1558	01	269.5625	338.3750	42 58 36N	084 46 10W	+			1558	11	263.9375	325.1875	42 45 06N	084 52 50N
I	1200	073	1558	11	269.2500	338.4375	42 58 37N	084 46 29W	I	1200	073	1558	21	269.0625	328.3750	42 58 35N	084 53 31W
I	1200	073	1558	32	268.6875	338.3125	42 58 27N	084 47 21W	I	1200	073	1558	42	268.5000	338.5000	42 58 41N	084 57 31W
.			1558	42	287.5000	329.3125	42 50 24N	084 21 05W	I	1200	073	1558	52	268.2500	338.5625	42 58 41N	084 57 51W
I	1200	074	1559	02	267.8750	338.2500	42 58 24N	084 40 21W	.			1559	02	280.4375	328.9375	42 49 55N	084 23 37W
I	1200	074	1559	12	267.6875	338.4375	42 58 32N	084 48 43W	+			1559	12	266.8125	352.3125	43 12 27N	084 48 10W
I	1200	075	1559	22	267.4375	338.5000	42 58 37N	084 49 04W	+			1559	22	267.6250	352.2500	43 12 22N	084 49 41W
.			1559	32	266.5000	352.1875	43 12 12N	084 51 13W	I	1200	076	1559	32	267.1875	338.3750	42 58 29N	084 49 24W
I	1200	076	1559	42	266.8750	338.3750	42 58 28N	084 49 43W	I	1200	076	1559	52	266.4375	338.2500	42 58 19N	084 50 24W
+			1600	02	257.3125	324.6250	42 44 13N	085 01 48W	I	1200	076	1600	02	266.1875	338.1250	42 58 11N	084 50 44W
+			1600	12	256.6875	324.5000	42 44 04N	085 02 38W	I	1200	077	1600	13	265.8750	338.1250	42 58 10N	084 51 04W
+			1600	23	261.1875	352.2500	43 12 01N	084 58 34W	I	1200	077	1600	23	265.7500	338.1875	42 58 11N	084 51 14W
I	1200	077	1600	33	265.4375	338.1875	42 58 10N	084 51 45W	I	1200	078	1600	43	265.1875	338.2500	42 58 15N	084 52 00W
I	1200	078	1600	53	264.8125	338.1875	42 58 08N	084 52 36W	+			1600	53	273.5000	326.2500	42 46 42N	084 39 52W
I	1200	078	1601	03	264.5000	338.1250	42 58 06N	084 52 56W	+			1601	13	255.7500	352.3125	43 11 45N	085 05 54W
I	1200	078	1601	13	264.2500	338.1875	42 58 06N	084 53 16W	+			1601	23	254.4375	351.9375	43 11 18N	085 07 45W
I	1200	078	1601	23	263.9375	338.2500	42 58 11N	084 53 48W	+			1601	23	264.0625	338.1875	42 58 05N	084 53 36W
I	1200	078	1601	33	263.6875	338.1250	42 58 03N	084 54 08W	I	1200	079	1601	44	263.4375	338.1875	42 58 03N	084 54 29W
I	1200	079	1601	54	263.0625	338.0625	42 57 55N	084 54 59W	I	1200	079	1602	04	262.9375	338.1250	42 58 01N	084 55 03W
I	1200	079	1602	14	262.5000	338.0000	42 57 52N	084 55 38W	I			1602	24	262.2500	338.0625	42 57 52N	084 55 59W
V	1200	079	1602	24	262.2500	338.0625	42 57 52N	084 55 59W	.			1602	24	263.5625	324.6875	42 44 35N	084 57 20W
\			1602	24	264.1875	325.5000	42 45 28N	084 52 33W	\			1602	24	276.1250	326.0625	42 46 36N	084 36 18W
I			1602	24	280.1875	338.6250	42 59 24N	084 31 44W	V	1200	070	1602	24	280.1875	338.6250	42 59 24N	084 31 44W
\			1602	34	289.1250	329.6250	42 50 50N	084 13 54W	I	1200	080	1602	34	261.4750	337.8750	42 57 43N	084 35 29W
+			1602	34	288.1250	329.6250	42 50 47N	084 20 15W	I	1200	073	1602	44	261.3625	337.4375	42 57 42N	084 37 00W
.			1602	44	261.6250	324.4375	42 44 14N	084 55 50W	I	1200	078	1602	54	261.3750	337.9375	42 57 42N	084 37 13W
+			1603	04	259.3125	323.6875	42 43 21N	084 59 01W	I	1200	078	1603	04	261.6000	337.7500	42 57 32N	084 37 40W
.			1603	14	257.5000	324.1250	42 43 44N	085 01 24W	.			1603	25	260.4375	337.3750	42 57 08N	084 38 30W
I	1200	077	1603	35	260.2500	337.3750	42 57 07N	084 58 39W	V	1200	077	1603	45	260.0000	337.1250	42 56 52N	084 38 54W
.			1603	45	282.1250	342.5000	43 03 22N	084 29 15W	+			1603	45	254.7500	322.8750	42 42 20N	085 05 02W
.			1603	55	282.5625	343.2500	43 04 08N	084 28 48W	V	1200	078	1604	05	259.5000	337.0625	42 56 43N	084 39 34W
+			1604	05	282.3750	343.4375	43 04 16N	084 28 58W	I	1200	078	1604	15	259.0000	337.0625	42 56 42N	084 40 20W
I	1200	078	1604	35	258.5000	337.1250	42 56 47N	085 01 01W	.			1604	36	283.0625	344.9375	43 05 48N	084 28 14W
V	1200		1604	45	258.2500	337.2500	42 56 53N	085 01 22W	I	1200	078	1604	56	257.8125	337.0000	42 56 37N	085 02 02W
.			1604	56	283.5000	346.0000	43 06 55N	084 27 36W	+			1605	05	276.3750	319.2500	42 39 51N	084 35 39W
V	1200		1605	06	257.5625	337.1250	42 56 43N	085 02 23W	I	1200	078	1605	16	257.3750	337.2500	42 56 50N	085 02 33W
+			1605	16	272.3750	325.9375	42 46 17N	084 41 23W	I	1200	078	1605	26	257.0000	337.1875	42 56 43N	085 03 03W
+			1605	26	271.4375	325.8125	42 46 07N	084 42 44W	I	1200	078	1605	36	256.8750	337.4375	42 56 57N	085 03 14W
I	1200	078	1605	46	256.5000	337.2500	42 56 48N	085 03 44W	+			1605	46	289.4750	329.2500	42 50 20N	084 17 51W
V	1200		1605	56	256.1250	337.4375	42 56 55N	085 04 16W	+			1606	17	286.8750	328.6875	42 49 44N	084 21 51W
+			1606	36	264.6250	324.2500	42 44 15N	084 51 46W	+			1606	47	263.5000	323.7500	42 43 41N	084 53 15W
X			1607	27	272.8750	324.0000	42 44 25N	084 40 34W	+			1607	37	258.6875	322.7500	42 42 26N	084 39 48W
.			1607	37	272.3750	323.6875	42 44 02N	084 41 13W	+			1607	37	279.0625	327.3750	42 48 06N	084 32 31W
.			1607	47	272.1875	323.6250	42 44 01N	084 41 35W	+			1607	58	289.4375	333.9375	42 55 06N	084 18 50W

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I	1200	078	1601	33	263.6875	338.1250	42 58 03N	084 54 08W	I	1200	079	1601	44	263.4375	338.1875	42 58 03N	084 54 29W
I	1200	079	1601	54	263.0625	338.0625	42 57 55N	084 54 59W	I	1200	079	1602	04	262.9375	338.1250	42 58 01N	084 55 03W
I	1200	079	1602	14	262.5000	338.0000	42 57 52N	084 55 38W	I	1200	079	1602	24	262.5000	338.0625	42 57 52N	084 55 59W
V	1200	079	1602	24	262.2500	338.0625	42 57 52N	084 55 59W	.	1602	24	263.5625	324.6875	42 44 35N	084 51 20W		
\			1602	24	264.1875	325.5000	42 45 28N	084 52 33W	\			1602	24	276.1250	326.0625	42 46 36N	084 26 18W
I			1602	24	280.1875	338.6250	42 59 24N	084 31 44W	V	1200	070	1602	24	280.1875	338.6250	42 59 24N	084 31 44W
\			1602	24	289.1250	329.6250	42 50 50N	084 13 54W	I	1200	080	1602	34	261.4375	337.8750	42 57 43N	084 55 29W
+			1602	34	288.1250	329.6250	42 50 47N	084 20 15W	I	1200	078	1602	44	261.5625	337.9375	42 57 42N	084 57 06W
.			1602	44	261.6250	324.4375	42 44 14N	084 55 50W	I	1200	078	1602	54	261.3750	337.9375	42 57 42N	084 57 10W
+			1603	04	259.3125	323.6875	42 43 21N	084 59 01W	I	1200	078	1603	04	261.0000	337.7500	42 57 32N	084 57 40W
.			1603	14	257.5000	324.1250	42 43 44N	085 01 24W	.	1603	25	260.4375	337.3750	42 57 08N	084 58 30W		
I	1200	077	1603	35	260.2500	337.3750	42 57 07N	084 58 33W	V	1200	077	1603	45	260.0000	337.1250	42 56 52N	084 58 58W
.			1603	45	262.1250	342.5000	43 03 22N	084 29 15W	+			1603	48	254.7500	322.8750	42 42 20N	085 05 02W
.			1603	55	282.5625	343.2500	43 04 08N	084 28 48W	V	1200	078	1604	05	259.5000	337.0625	42 56 43N	084 59 28W
+			1604	05	282.3750	343.4375	43 04 16N	084 28 58W	I	1200	078	1604	15	259.0000	337.0625	42 56 42N	085 00 20W
I	1200	078	1604	35	258.5000	337.1250	42 56 47N	085 01 01W	.			1604	36	283.0625	344.9375	43 05 48N	084 28 14W
V	1200		1604	45	258.2500	337.2500	42 56 53N	085 01 22W	I	1200	078	1604	56	257.8125	337.0000	42 56 37N	085 02 02W
.			1604	56	283.5000	346.0000	43 06 55N	084 27 36W	+			1605	05	276.3750	319.2500	42 39 51N	084 55 20W
V	1200		1605	06	257.5625	337.1250	42 56 43N	085 02 23W	I	1200	078	1605	16	257.1750	337.2500	42 56 50N	085 02 11W
+			1605	16	272.3750	325.9375	42 46 17N	084 41 23W	I	1200	078	1605	26	257.0000	337.1875	42 56 43N	085 03 03W
+			1605	26	271.4375	325.8125	42 46 07N	084 42 44W	I	1200	078	1605	36	256.8750	337.4375	42 56 57N	085 04 14W
I	1200	078	1605	46	256.5000	337.2500	42 56 48N	085 03 44W	+			1605	46	289.4375	329.2500	42 50 29N	084 17 51W
V	1200		1605	56	256.1250	337.4375	42 56 55N	085 04 16W	.			1606	17	286.8750	328.6875	42 49 44N	084 21 51W
+			1606	36	264.6250	324.2500	42 44 15N	084 51 46W	.			1606	47	263.5000	323.7500	42 43 41N	084 53 15W
X			1607	27	272.8750	324.0000	42 44 25N	084 40 34W	+			1607	37	238.5875	322.7500	42 42 26N	084 53 40W
.			1607	37	272.3750	323.6875	42 44 02N	084 41 13W	+			1607	37	279.0625	327.3750	42 48 06N	084 32 21W
.			1607	47	272.1875	323.6250	42 44 01N	084 41 35W	+			1607	58	289.4375	333.9375	42 53 06N	084 18 50W

LST4 - RADAR DATA ANALYSIS REPORT

PART 1

SATM

DATE 03/18/93

TARGET ID	LAST RECORDED POSITION	VEL	ALT
	LATITUDE LONGITUDE TIME		
1200	42 56 55N 085 04 16W 1605 56		

↑ Last Target until plot page 7 at 1455
Get data from Chicago Center to fill in
Between these times.

Plot page 6

1914

↑ N15206?

Plot page 7

\-08:41

4-07:20

\\-08:41

..-20:18
...-19:48
..-14:24

•-20:18

+ - 17:26

\ \-03:21

..-16:05

4-06:03

••-20:29

[illegible]

PLOT CHARACTER ASSIGNMENTS

RDR	PVD	PVD	PVD	CHAR	TYPE	SYMBOL	CODE	ALT	TRK#	FDB/CDB-AID; FIELDS B, C, D, & E	TIME
6	ALL		V	B/L	V	1200	078				14:55
6	ALL		V	B/L	V	1200	078				15:05
ALL			V	B/L	V	1200	078				15:15

LST3 - LIST OF PLOT SYMBOLS IN TIME SEQUENCE WITH LAT/LONG CONVERSION

PLOT SYM	TIME CODE ALT HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE	PLOT SYM	TIME CODE ALT HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE
+	1606 09	239.8125	319.1250	42 37 44N	085 25 03W	.	1606 39	224.0625	326.7500	42 44 23N	085 46 59W
+	1607 20	241.1250	331.8750	42 50 33N	085 24 12W	\	1608 31	245.7500	331.0000	42 49 57N	085 17 51W
\	1608 31	253.6875	321.6250	42 41 02N	085 06 29W	\	1608 41	235.8750	332.8125	42 51 08N	085 31 23W
\	1608 41	246.0625	331.0000	42 49 58N	085 17 32W	\	1608 41	252.6875	321.3750	42 40 44N	085 07 49W
.	1614 04	226.6875	327.4375	42 45 12N	085 43 29W	.	1614 24	226.8750	327.6250	42 45 26N	085 43 09W
.	1614 34	223.5000	335.8125	42 53 21N	085 48 26W	V	1200 078 1614 55	239.4375	338.9375	42 57 27N	085 27 09W
V	1200 078 1615 05	239.3125	339.0625	42 57 34N	085 27 20W	I	1200 078 1615 15	239.0625	339.0625	42 57 33N	085 27 40W
I	1200 078 1615 25	238.8125	339.1250	42 57 39N	085 28 02W	I	1200 078 1615 35	238.3125	339.2500	42 57 44N	085 28 43W
I	1200 078 1615 45	238.0625	339.2500	42 57 43N	085 29 03W	I	1200 078 1615 55	237.9375	339.2500	42 57 43N	085 29 13W
.	1616 05	230.0625	320.5625	42 38 32N	085 38 21W	I	1200 078 1616 06	237.3125	339.3750	42 57 48N	085 30 05W
.	1616 16	229.9375	320.6875	42 38 39N	085 38 32W	I	1200 078 1616 16	237.0900	339.3750	42 57 47N	085 30 24W
I	1200 078 1616 26	236.6250	339.3750	42 57 46N	085 30 55W	I	1200 078 1616 36	236.2500	339.5000	42 57 52N	085 31 26W
I	1200 078 1616 46	236.1250	339.5000	42 57 52N	085 31 36W	I	1200 078 1616 56	236.1250	339.5000	42 57 52N	085 31 36W
I	1200 078 1617 06	235.6250	339.5000	42 57 50N	085 32 17W	I	1200 078 1617 16	236.1475	339.5000	42 57 48N	085 32 59W
+	1617 26	233.6875	321.1875	42 39 23N	085 33 30W	I	1200 078 1617 26	235.9625	339.5000	42 57 48N	085 33 09W
I	1200 078 1617 36	234.1875	339.5000	42 57 44N	085 34 20W	I	1200 077 1617 47	234.0625	339.6250	42 57 51N	085 34 41W
I	1200 077 1617 57	234.4375	339.6250	42 57 53N	085 34 01W	I	1200 077 1618 07	233.5625	339.5625	42 57 43N	085 35 11W
I	1200 077 1618 17	233.0625	339.5625	42 57 41N	085 35 52W	I	1200 076 1618 27	232.6875	339.4375	42 57 32N	085 36 22W
I	1200 076 1618 37	232.3125	339.4375	42 57 31N	085 36 52W	I	1200 076 1618 47	232.1250	339.3750	42 57 30N	085 37 02W
I	1200 076 1618 57	231.8125	339.5000	42 57 36N	085 37 34W	.	1619 07	228.2500	327.8750	42 45 47N	085 41 17W
I	1200 075 1619 07	231.3750	339.5000	42 57 34N	085 38 03W	I	1200 076 1619 17	231.3750	339.5000	42 57 34N	085 38 03W
.	1619 18	231.8750	346.5000	43 04 35N	085 37 58W	I	1200 075 1619 20	231.5000	339.5000	42 57 35N	085 37 03W
I	1200 075 1619 38	230.8750	339.5625	42 57 33N	085 38 44W	.	1619 43	228.8750	326.0000	42 45 56N	085 40 29W
I	1200 075 1619 48	230.6250	339.6875	42 57 40N	085 39 05W	I	1200 074 1619 58	227.5000	339.5625	42 57 28N	085 40 36W
I	1200 075 1620 08	229.0000	339.5625	42 57 26N	085 41 17W	.	1620 18	228.8750	328.1250	42 46 04N	085 40 29W
I	1200 074 1620 18	229.5000	339.5625	42 57 28N	085 40 36W	.	1620 18	233.3750	321.9375	42 40 07N	085 32 53W
I	1200 074 1620 28	229.2500	339.5625	42 57 27N	085 40 57W	.	1620 28	250.5000	319.3750	42 38 37N	085 10 31W
I	1200 074 1620 38	228.6250	339.6250	42 57 31N	085 41 48W	.	1620 38	228.7500	327.9375	42 45 49N	085 40 38W
+	1620 46	254.2500	352.4375	43 11 47N	085 07 57W	.	1620 48	228.3750	339.7500	42 57 38N	085 42 09W
.	1620 59	228.5000	339.7500	42 57 38N	085 41 59W	I	1200 073 1621 09	227.6250	339.4375	42 57 14N	085 43 09W
.	1621 09	250.2500	319.6875	42 38 52N	085 10 53W	V	1200 074 1621 19	227.1475	339.2500	42 57 03N	085 43 50W
V	1200 075 1621 29	226.5625	339.1875	42 56 55N	085 44 40W						

Plot Page 7

Page 5

Plot Page 8

•-22:40

•-22:10

[illegible]

ED	CHARACTER	ASSIGNMENTS	RDR	PVD	PVD CHAR	TYPE	SYMBOL	CODE	ALT	TRK#	FDB/CDD-AID;FIELDS B,C,D, & E
6	ALL	I	B/L	I				1200	075		
6	ALL	I	B/L	I				1200	075		
6	ALL	I	B/L	I				1200	075		
6	ALL	I	B/L	I				1200	076		
6	ALL	I	B/L	I				1200	076		
6	ALL	I	B/L	I				1200	076		
6	ALL	I	B/L	I				1200	076		
6	ALL	I	B/L	I				1200	076		

TIME
21:39
21:43
21:59
22:09
22:19
22:29
22:40
22:50

LST3 - LIST OF PLOT SYMBOLS IN TIME SEQUENCE WITH LAT/LONG CONVERSION

PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE	PLOT SYM	CODE	ALT	TIME HHMM SS	X COORD.	Y COORD.	LATITUDE	LONGITUDE
I	1200	075	1621 39	226.4375	339.0000	42 56 46N	085 44 49W	I	1200	075	1621 49	226.6875	339.0625	42 56 48N	085 44 29W
.			1621 57	245.9375	351.5625	43 10 26N	085 19 19W	I	1200	075	1621 59	226.0625	338.9375	42 56 36N	085 45 19W
I	1200	076	1622 09	225.9375	339.0625	42 56 45N	085 45 30W	.			1622 10	250.8750	319.8750	42 39 08N	085 10 03W
+			1622 17	244.6875	352.8125	43 11 37N	085 21 08W	I	1200	076	1622 19	225.0000	338.9375	42 56 34N	085 46 40W
.			1622 20	237.5000	340.7500	42 59 11N	085 21 50W	I	1200	076	1622 29	225.3125	339.1250	42 56 49N	085 46 22W
+			1622 37	242.5625	352.8750	43 11 36N	085 24 02W	I	1200	076	1622 40	224.9375	339.0625	42 56 41N	085 46 52W
.			1622 40	229.6875	328.1875	42 46 08N	085 39 29W	I	1200	076	1622 50	224.2500	338.9375	42 56 31N	085 47 41W
.			1622 57	240.8125	353.3750	43 11 59N	085 26 28W	I	1200	077	1623 00	224.3750	339.0000	42 56 38N	085 47 31W
I	1200	077	1623 10	224.3750	339.0000	42 56 38N	085 47 31W	V	1200	077	1623 20	223.8750	338.8750	42 56 29N	085 48 11W
V	1200	077	1623 30	223.3750	338.9375	42 56 28N	085 48 52W	V	1200	077	1623 40	223.2500	338.9375	42 56 27N	085 49 02W
V	1200	076	1623 50	222.9375	339.0000	42 56 32N	085 49 35W	V	1200	076	1624 00	222.5625	339.0625	42 56 32N	085 50 03W
V	1200	076	1624 10	222.1875	339.1250	42 56 37N	085 50 36W	V	1200	075	1624 21	221.6875	339.0625	42 56 28N	085 51 16W
V	1200	076	1624 31	221.4375	339.1250	42 56 34N	085 51 37W	.			1624 41	220.0625	344.1875	43 01 29N	085 53 56W
V	1200	076	1624 41	221.4375	339.1250	42 56 34N	085 51 37W	V	1200	075	1624 51	220.9125	339.1250	42 56 31N	085 52 28W

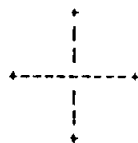
Plot
Page 8

7
Pg 17

NTAP PLOT - PLOT DURATION 781 DATE 03/19/93
 TAPE(5) 0P7057
 X ORIGIN = 240.000 Y ORIGIN = 311.000 START INTERVAL TIME 1835 00 STOP INTERVAL TIME 1745 00

SCALE = 1 INCH

1.000 NM



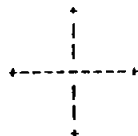
THE ABOVE DIAGRAM SHOULD MEASURE 1 INCH FROM + TO + IN BOTH THE VERTICAL AND HORIZONTAL DIRECTIONS. IF IT DOES NOT, THE SCALE IS INACCURATE.

322.835 .		I-43:32(055)		
322.671 .		I-43:22(055)		
322.507 .		-43:22		
322.342 .				
322.178 .		I-43:12(054)	C D-43:4200-42:32	E-43:00(310)
322.013 .		D C-44:02	E-43:00(310)	
321.849 .	D C-44:32(310)	C D-44:12		
321.685 .		I-43:32(054)		
321.521 .	CD-44:24			
321.356 .		I-42:51(054)		
321.192 .				
321.027 .				
320.863 .		I-42:41(054)		
320.698 .				
320.534 .				
320.370 .		I-42:31(055)		
320.205 .				
320.041 .		I-42:21(055)		
319.876 .				
319.712 .		I-42:11(055)		
319.548 .				
319.383 .		I-42:01(055)		
319.219 .				
319.055 .				
318.890 .		I-41:51(055)		
318.726 .		I-41:41(055)		
318.562 .				
318.397 .				
318.233 .				
318.068 .		I-41:30(055)		
317.904 .			I-39:10(064)	
317.740 .		F I-41:10(056)	I-40:10	I-39:29
317.576 .		I-41:00	I-39:40(059)	I-38:57(054)
317.411 .			I-40:30(055)	
317.246 .		I I-40:40(055)		I I-39:30(064)
317.082 .				I-39:20(064)
316.918 .				
316.753 .				I-39:10(064)
316.589 .				-23:10
316.425 .				I-38:00(054)
316.260 .				
316.096 .				I-37:50(064)
315.931 .				I-37:40(064)
315.767 .				
315.603 .				I-37:30(064)
315.439 .				I-37:20(064)
315.274 .				

STAR PLOT - PLOT DURATION 781 DATE 03/19/93
 TAPE(1) 007057
 X ORIGIN = 281.000 Y ORIGIN = 314.000 START INTERVAL TIME 1935.00 STOP INTERVAL TIME 1944.00

SCALE = 1 INCH

500 NM



THE ABOVE DIAGRAM SHOULD MEASURE 1 INCH FROM + TO + IN BOTH THE VERTICAL AND HORIZONTAL DIRECTIONS. IF IT DOES NOT, THE SCALE IS INACCURATE.

319.917 .				
319.835 .				
319.753 .				
319.671 .		I-42:11(055)		
319.588 .				
319.506 .				
319.424 .				
319.342 .		I-42:01(055)		
319.260 .				
319.177 .				
319.095 .				
319.013 .				
318.931 .		I-41:51(055)		
318.849 .				
318.767 .				
318.684 .		I-41:41(055)		
318.602 .				
318.520 .				
318.438 .				
318.356 .				
318.273 .				
318.191 .				
318.109 .		I-41:30(055)		
318.027 .				
317.945 .				I-39:13(064)
317.863 .				
317.780 .	I-41:20		I-40:10(056)	I-39:13(061)
317.698 .	I-41:10(056)			I-39:00(064)
317.616 .		I-41:00(056)	I-39:00(059)	
317.534 .	I-41:10		I-40:20	I-38:50(064)
317.452 .				
317.369 .		I-40:30(055)		
317.287 .		I-40:50I-40:40(055)		(064) 40:40-I
317.205 .				
317.123 .				
317.041 .				
316.958 .				
316.876 .				
316.794 .				
316.712 .				
316.630 .				
316.548 .				
316.466 .				
316.383 .				
316.301 .				
316.219 .				
316.137 .				