19791017FI_FDIR

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Penry	Nelson	N41C.	791017	1000	KMIA 25 48.3 080 17.6	17 OCT 79	9 0614 Cyclone

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
1016	N25 48.3 W080 17.6	4	N 25 48.3 W 080 17.6	0	N 25 48.3 W 080 18.0		13K OUT.
1026	N 25 48.0 W 080 18.0	4	N 25 48.0 W 080 18.1	0 -.1	N 25 48.0 W 080 18.5	0 -.5	T/O
1103	N 23 05.0 W 081 23.0	4	N 23 05.9 W 081 21.6		N 23 06.2 W 081 22.8		
1141		9	N 21 26.8 W 082 02.0		N 21 27.1 W 082 03.1		
1229		9	N 19 31 5 W 083 43.6		N 19 29.2 W 083 45.7		PASS #1
1254		9	N 18 39.4 W 084 04.6		N 18 37.3 W 084 06.6		
1336		9	N 19 20.7 W 083 45.8		N 19 20.9 W 083 47.0		PASS #2
1356		9	N 19 08.9 W 083 17.3		N 19 07.9 W 083 17.9		
1486		2/9	N 18 21.8 W 082 25.5		N 18 21.1 W 082 26.3		ADF #1 ZIY 071m/072T. #2. 095/046
1510	N 19 16.5 W 081 58.0	2/4	N 19 17.4 W 081 57.9	-.9 +.1	N 19 17.7 W 081 58.4	-1.2 -.4	ZIY; GCM Abeam 091/090/34 nm. DGPD IMU.
1633	N 23 05.0 W 081 23.0	2/9	N 23 06.1 W 081 21.0	-1.1 +2.0	N 23 05.9 W 081 22.4	-.9 +.6	VARDAR OVER.
1714	N25 48.0 W 080 18.0	4	N 25 49.2 W 080 17.2		N 25 48.5 W 080 17.4		Ldg KMIA.

SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE / ELAPSE ALIGN POST TIME	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS LAT	LONG	GS
INS 1	0915.	N	N.	0930	0	1010	1716	7.1	-1.0	-.4.	2.0
INS 2 or IMU	0915.	N	Y.	0936	—	1015.	1716	7.1	+.9	+.4	0.6

ALIGN REMARKS:

OTHER REMARKS:

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL

TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS
1716.	N 25 48.8 W 080 17.6	4.	25 49.3 N 080 16.7 W	-1.0 +.9	N 25 48.7 W 080 17.2	-.4 +.4	BIK. 2.0 0.6

NOAA FORM 59-4
(2-72)

1630 Z

79 1017 F

18 21
82 82

NOAA1 0614

1530

O

TIME	LAT	LONG	T	Td	WD	WS	HT	RA	PA		SST			
1100	24.1	81.2	-9.3	-16.9	240	06	588	21151	19972					
1130	22.0	81.2	-8.2	-26.6	294	08	588	21179	19994					
1145	21.3	82.3	-8.2	-9.4	027	03	589	21283	20094					
1200	20.6	833	24	.11	150	14	1011	1471	1443		27.5			
1230		EYE	F2X									#4		
1300	18.6	83.9	24	22	270	13	1011	1637	1606		27.8	#5		
1315	18.7	83.1	24	21	210	15	1012	1643	1592		23.8			
1330	193	835	24	23	130	11	1012	1680	1636		27.1	#6		
1346	19.8	841	24	22	090	09	1012	1697	1664					
1400	19.5	83.7	24	23	230	03	1012	1717	1673		27.3	#7		
1415	190	932	24	19	200	18	1012	1730	1679		26.5			
1430	186	827	24	22	200	25	1014	1559	1469		26.6		41	920
1445	181	821	24	22	210	17	1015	1558	1437		27.4			
1500	187	820	24	23	190	22	1015	1537	1420		27.0		41	520
1530	204	820	23	21	180	32	1014	1543	1453		26.0		41	725
1600	21.0	824	-9.0	-9.0	150	15	589	21338	20127					