

19820923I - FDIR

1

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA		AIRCRAFT N43RE	
FLIGHT LOG		FLIGHT NO. 820923I	
		FLIGHT ID 62-82	
		DATE SEPT. 23, 1982	
TAKE OFF (City or airport) NZY	LAND (City or airport) NZY	ALTITUDE 18-22K	
PURPOSE NHR L ^{ODW} MISSION ON HURRICANE OLIVIA			
PROPOSED TAKEOFF TIME: 18Z		PROPOSED FLIGHT DURATION: 9 HRS	
TIME IN: 0420		TIME ON: 04/0833	
TIME OUT: 1840		TIME OFF: 185130	
BLK. TIME: 9.7		FLIGHT TIME:	
FLIGHT PERSONNEL			
OPERATIONS CREW		SCIENTIFIC CREW	
VISITORS			
GUNNOE	CALVERT	HAYDU	STONE
GENZLINGER		PARADIS	
NELSON		SCHRICKER	
FLEURY		GOLDSTEIN	
PROPOSED MISSION see ODW drop chart on back of this sheet			
ACTUAL MISSION AND REMARKS as planned			
DATA COLLECTED AND REMARKS 2 P/O 1 SLOW ODW GOOD 23 BAD 4			

INED AV(3) = AV(3) - 0 0394 AAI: +0.45

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
Gunnice		Nels		NOAA 43		8209-23		185130		N 32 42.1 W 117 12.0		23 Sept 82		OLIVIA	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS							
1840	N 32 42.1 W 117 12.0	4.	N SAME. W SAME.			N SAME. W SAME.		BLK. NEY							
185055	N 32 42.6 W 117 12.7	4.	N 42.5 W 12.7			42.5 12.7		RWY 18							
194516	N 29 09.1 W 117 53.1	4/6	N 29 12.1 W 117 51.9			N 29 11.7 W 117 52.3		ABERN NE. TH 181.2 Guadalupe. Rng. 21							
194947	N 28 50.1 W 117 54.0	4/6	N 28 51.2 W 117 53.8			N 28 50.8 W 117 54.2	190.	ABERN SE. TH 181.6 Guadalupe Rng 22							
220356	NOTE.	10	N 20 15.2 W 117 35.5			N 20 15.4 W 117 35.5		-2 OF 037 ↑ Took 3-2 Hubs @ 5 min Prior east Sm ERROR IN NOTE STA WAS NOT LOCKED OUT. RESET SYSTEM APPEARED IN NOT USABLE. 0030 INE #1 BROKE AWAY OCCA							
031840	N 29 09.0 W 117 55.0	4/10	N 29 10.9 W 117 54.0		H1 Decoupled	N 29 11.1 W 117 51.9		NE. Guadalupe TH 007.5 Rng 21.5							
040823	N 32 41.5 W 117 12.0	4	N 32 44.5 W 117 13.6			N 32 43.8 W 117 11.4		Edy Rwy 0-29							
0417	N 32 42.1 W 117 12.0	4	N 32 45.4 W 117 13.7		-3.3 -1.2	N 32 44.2 W 117 11.3	-2.1 +0.7	BLK. 1							
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.	Δ T (2)(1)	TERMINAL ERRORS						
									LAT	LONG	G S				
INS 1	1710	Y	ESC		0	1836	0418	9.8	-3.3	-1.2	1				
INS 2 or IMU	1710	Y	OSC		0	1836	0418	9.8	-2.1	+0.7	1				
ALIGN REMARKS:												1836 27 78			
OTHER REMARKS:												1836 18 34 15			
TYPE OF FIX : (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL															

1015 00
1012 88

11.5

820923I

TIME	LAT	LONG	TK	WD	WS	RA	PA	TA	TD	PS	FWZ	HT
	123 22 0 N	121 2 W			20 KTS	635 KTS		295 115				
240002	23 3 N	124 0 W			55 KTS							
241602	24 5 N	126 4 W			40 KTS							
29.87		PS 1010.4				1011.4	A/C	Height				29.865
SP should be 1011												
preflight in taxi												
1843	32 70	117 20	285	122	3.0	-	20	24	17	10108	-0.1	-
(1) SVS DOWN TIME STOPPED												
1923	30 84	117 69	184	152	19	5530	5231	-2.5	-16.2	524	0.1	5895
193441	29 97	117 78	187	145	17.5	5518	5228	-1.8	-17.1	524	0.1	5886
ODW DROP #1 1 GOOD ODW												
194730	29 01	117 88	185	135	15	5505	5226	-2.8	-4.7	524	0.4	5877
200230	27 94	117 93	139	144	17.7	6143	5832	-5.3	-11.0	482.7	0.0	5865
ODW DROP #2 1 GOOD 1 BAD												
201220	27 42	117 39	138	146	18.0	6142	5829	-5.1	-13.2	482.9	0.2	5867
202040	26 97	116 96	138	143	17.3	6136	5827	-5.0	-12.6	483.1	-0.1	5867
ODW DROP #3 1 GOOD												
203050	26 42	116 40	137	140	15.8	6138	5825	-4.8	-11.1	483.1	0.1	5868
203910	25 96	115 98	187	144	16.2	6137	5823	-3.6	-18.0	483.3	0.3	5868
ODW DROP #4 1 GOOD												
204708	25 38	116 01	176	143	16.4	6132	5822	-3.6	-18.1	483.4	-0.1	5863
210400	24 14	115 99	181	130	15.8	6121	5817	-3.4	-18.3	483.7	-0.1	5861
210930	23 72	115 99	179	149	16.3	6121	5817	-3.9	-18.2	483.7	0.1	5859
ODW DROP #5 1 GOOD 2 BAD												
212250	22 70	115 99	182	140	14.1	6115	5814	-2.9	-18.0	483.9	0.1	5855
DAP												
214010	21 44	116 06	237	145	11.4	6450	6129	-4.8	-19.8	463.4	0.1	5851
ODW DROP #6 1 GOOD												
220240	20 32	117 54	223	172	10.7	6435	6125	-4.8	-19.4	463.7	0.1	5839
ODW DROP #7 1 GOOD												
222040	19 30	118 55	223	206	7.5	6424	6123	-5.1	-19.7	463.7	0.0	5833
222530	19 01	118 82	224	210	4.0	6424	6122	-5.7	-20.0	463.8	0.0	5833
ODW DROP #8 1 GOOD												
224830	17 70	120 24	224	260	3.0	6418	6120	-6.0	-19.9	464.0	0.3	5830
230120	16 97	120 99	225	260	1.2	6418	6119	-6.3	-20.1	464.0	0.1	5835
231050	16 40	121 57	225	321	0.2	6418	6118	-7.4	-20.7	464.2	0.4	5833
ODW DROP #9 1 GOOD												
233400	14 99	123 04	272	030	2.0	6410	6116	-6.5	-19.4	464.3	0.2	5829
ODW DROP #11 1 GOOD 1 stream												
235125	15 06	124 50	001	310	2.5	6430	6116	-6.6	-18	4	-	5828
ODW DROP #12 1 GOOD												
001540	17 00	124 49	360	310	2.0	7101	6757	-10.6	-19	424.8	0.1	7561
ODW DROP #13 1 GOOD												
003940	19 00	124 45	37	312	5.6	7099	6753	-10.3	-20.8	425.0	0.2	7564
ODW DROP #14 1 GOOD												
005940	20 17	123 15	48	240	6.7	7431	7061	-10.6	-22.4	407.1	0.0	7566
ODW DROP #15 GOOD												
012020	21 43	121 68	47	218	13.1	7439	7068	-11.2	-19.1	406.6	0.3	7565
ODW DROP #16 GOOD												
013800	22 47	120 43	48	203	20.5	7437	7067	-9.6	-20.1	406.7	0.0	7565
ODW DROP #17 GOOD												
015640	23 61	119 04	47	182	19.5	7447	7065	-9.8	-18.9	406.9	0.3	7578
ODW DROP #18 GOOD												
021610	24 77	117 61	49	170	20.0	7466	7063	-10.2	-24.3	406.9	0.4	7595
ODW DROP #19 GOOD												
023835	26 05	116 04	320	158	15.0	7780	7349	-13.8	-26.3	390.7	0.3	7604
ODW DROP #20 GOOD												

820923 I page 2

TIME	LAT	20N	TK	WD	WS	RA	PA	TA	TD	PS	FWZ	HT
025220	27 00	117 00	317	162	19	7775	7348	-13.8	-26.8	3908	0.3	7595
OPW	DROP	#21	GOOD							21-4		
0307	28 07	118 00	004	172	22.3	7765	7347	-14.5	-27.3	3908	0.5	7592
OPW	DROP	#22	GOOD							22-4		
0327	30 00	117 78	003	182	22	7772	7348	-15.2	-25.7	3909	0.1	7598
OPW	DROP	#23	GOOD							23-4		
		29.88		SP					1015			
		3000		1010.5					1012	1011		
		PS		1011								