



LEADER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
noe	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.		BIR. 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		ABEAM NE. TH 181.6 Guadalupe Rng. 21
194947	N 28 50.1 W 117 54.0	4/6	N 2851.2 W 117 53.8		N 2850.8 W 117 54.2	1.90.	ABEAM 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 OST ↑ Took 3 -2 Hit @ @ 5 min prior est 5 ERRR. IN NOTE STA. WAS NOT LOCKED OUT. RESET SYSTEM APPEARED W BUT USABLE. 0030 INE #1 Broke Away 00
031840	N 29 09.0 W 117 55.0	6/10	N 29 10.9 W 117 54.0	#1 Decoupled	N 29 11.1 W 117 51.9		NE. Guadalupe TH 007.5 Rng 21.5 Jdy Rwy 029.
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		
0917	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	BIR, 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	GS
INS 1	1710	Y	OSO		0	1836	0418	9.8	-3.3	-1.2	1
INS 2 or IMU	1710	Y	OSO		0	1836	0418	9.8	-2.1	+0.7	1

ALIGN REMARKS:

OTHER REMARKS:

18 36 - 27 78

18 36 / 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 85 11.5 820923I

ME	LAT	Lon	TK	WD	WS	RA	PA	TA	TD	PS	FWZ	HT
	123 22 0N	121 2W			20 KTS	655KTS		245	117			
	240 002 23 3N	124 0W			55 KTS							
	241 002 24 5N	126 4W			40 KTS							
	29.87	PS	1010.4	→	1011.4	A/C	Height	→	29.865			
	SP should be 1011											
	preflight ✓ in taxi											
	SP MOD 1010											
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	5880
	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 N
	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	463.9	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 #10 1 GOOD											
235125	15 06	124 50	001	310	2.5	6430	6116	-6.6	-18	4	-	5828
	ODW DROP #11 1 GOOD											
001540	17 00	124 49	360	310	2.0	7101	6757	-10.6	-19	424.8	0.1	7561
	ODW DROP #12 1 GOOD											
003940	19 00	124 45	37	312	5.6	7099	6753	-10.3	-20.8	425.0	0.2	7564
	ODW DROP #13 1 GOOD											
005940	20 17	123 15	48	240	6.7	7431	7061	-10.6	-22.4	407.1	0.0	7566
	ODW DROP #14 1 GOOD											
012020	21 43	121 68	47	218	13.1	7439	7068	-11.2	-19.1	406.6	0.3	7565
	ODW DROP #15 1 GOOD											
013800	22 47	120 43	48	203	20.5	7437	7067	-9.6	-20.1	406.7	0.0	7565
	ODW DROP #16 1 GOOD											
015640	23 61	119 04	47	182	19.5	7447	7065	-9.8	-18.9	406.9	0.3	7578
	ODW DROP #17 1 GOOD											
021610	24 77	117 61	49	170	20.0	7466	7063	-10.2	-24.3	406.9	0.4	7595
	ODW DROP #18 1 GOOD											
023835	26 05	116 04	320	158	15.0	7780	7349	-13.8	-26.3	390.7	0.3	7604
	ODW DROP #19 1 GOOD											
	ODW DROP #20 1 GOOD											

ME	LAT	ZON	TK	WD	WS	RA	PA	TA	TD	PS	FWE	HT
5220	27 00	117 00	317	162	19	7775	7348	-13.8	-26.8	3908	0.3	7595
	ODW	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
	ODW	DROP #23	GOOD							23-4		

29.88 SP  
 3000 1010.5  
 PS 1011



30N 117.50W

2. 28N 118W

3. 27N 117W

4. 26N 116W

5. 23 45N 116W

6 21 30N 116W

7 20 15N 117 25W

8 19 N 118 47W

9 17 42 N 120 12 W

10 16 24 N 121 33 W

11 15 N 123 W

12 15 N 124 30W

13 17 N 124 30W

14 19 N 124 30 W

15 20 10 N 123 10 W

16 21 19 N 121 47 W

17 22 30 N 120 27 W

18 23 38 N 119 04 W

19 24 46 N 117 38 W

20 26 N 116 W

21 27 N 117 W

22 28 N 118 W

23 30 N 117 50 W

REPORT NO: 2143 PE  
 FLIGHT NO: 320923E  
 FLIGHT ID: 62-82  
 DATE: SEPT. 29, 1982  
 ALTITUDE: 18-22K

MISSION ON HURRICANE OLIVIA

PROPOSED FLIGHT DURATION: 9 HRS  
 TIME ON: 040833  
 TIME OFF: 185130

OPERATIONS CREW	SCIENTIFIC CREW	VISITORS
GENZINGER	ADIS	BURPEE
NELSON	WICKER	ADAMS
PLEURY	GOLLEYSON	FRANKLIN

see own drop chart back of this sheet

planned











