

FLT ID: 86093041	FM: MMPR	TO: MMPR
FLT NO: 98-106	BLK IN: 01/0234Z	ATA: 01/0229Z
ETD: 1800Z	BLK OUT: 1758Z	ATD: 1806Z
ETE: 10+00	BLK TIME: 8+36	FLT TIME: 8+23
SPONSOR ORG: HRD	PROGRAM: T.S. "PAINE"	PURPOSE: ODW EXP.

OAO PERSONNEL (HRD)

AC GENZLINGER	SYS ENG JARVI
CP Mendelsohn	DATA SYS THOMPSON
NAV BARKHILL	RADAR
FE ROBERT MOORE	BT/ODW LEYVA
RADIO NUNN	CLD PHYS
FD ROBERT	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Willoughby, H.	P.I.	HRD
Accinigo, Marco	VIP	ATC MMPR
TOMES, Manuel	VIP	" "
BURPEE, R.	HRD	HRD
FRANKLIN, J.	"	"
DORST, N.	"	"
Griffin, J.	"	"
Malena, C.	VIP	MEXICAN W.B.

T.O. 18
 PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)
 LIZOALA, M. VIP " "

ACT 29.80 / 1009mb
 SP-1019 1008 @ 1000' (1) TAIL RADAR ↓
 PS-1007 1008 @ 1000' ↓
 PS-1004
 ACT-29.77 1007.6
 SP-1018
 PS-1007.7
 PS-1006

FEST 1730Z 18.2N 107.5W 330°/10KTS
 EST 45KTS 100 mi fm CNTR
 CB Base - 50 NM N. of CNTR YA! WAS THERE!!

(2) NOVA (ODW) COMP REBOOTED @ 2038Z ↓ ↑ ~ 2058Z
 (3) HARD COPIER ↓
 (4) D.P. BAL @ 2204Z & 2330Z & 01/0226Z

2 PENETRATIONS

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID: 86093044 TIME OFF: 1806Z TIME ON: 01/0229Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1007.6	1009	1008/1018	1007.7

	NO	DATA DISPOSITION/DATE/QUALITY
1/SEC FLT LVL TAPES	1	
FAST FLT LVL TAPES	0	
RADAR TAPES	5	
DOPPLER TAPES	0	
ODW CASSETTES	7	
HARD COPIES	0	↓
PMS	26	
AXBT	0	
AXCP	0	
ODW	1819	1 Bad

PHOTOGRAPHY					
	FWD	LS	RS	VERT	
ON					✓
OFF					✓
RATE					✓

REMARKS

~~2332Z~~
~~ODW # 11~~

~~0514Z~~
~~2352Z~~

eye #2
01/0000Z 18 42.1 m.w
108 deg 00 77 m.w
M.W SLP 987 mb

18e40 (43)

~~ODW # 16~~
~~0105Z~~

~~ODW # 15~~
~~0045Z~~

0014Z
988 mb

0020Z
987 mb

M.M.G.L 250 ⊕ 90 ⊕ 250 ⊕ tempo CIG
15 ⊕ 3 TRW wnd 120/12G18.

~~0124Z~~
~~ODW # 17~~

TRW 01/0600Z CIG 20 ⊕ 2 TRW stc wnd 180/12G20

86093041

IP=24N 108W

Time (Z)	LAT	LONG	TRK	WS	WS	CP	PA	SP	TA	Td	PD	PS	PSG	
1823	21.56	105.96	320	124	12.8	4374	4154	1009	3.8	1.5	21.9	600	592	
1837	22.40	106.67	324	112	10.8	5971	5635	1004	-3.1	-9.2	20.5	495	488	
1855	23.60	107.66	324	128	11.6	6158	5790	1006	-4.4	-13.8	17.1	486	479	
S. 1902	23.91	108.05	169	126	9.2	6153	5789	1005	-3.9	-20.6	23.7	486	480	ODW #1 (IP)
S. 1912	23.17	107.99	183	106	10.2	6147	5786	1004	-3.8	-13.0	22.2	486	480	
S. 1924	22.22	108.00	180	100	14.4	6138	5788	1001	-3.1	-11.4	22.3	486	480	ODW #2 #2 192
S. 1935	21.32	108.00	180	088	15.9	6121	5785	1001	-4.4	-8.8	21.7	486	481	
S. 1946	20.49	108.00	180	088	16.8	6099	5785	999	-4.5	-3.7	3.8	486	481	ODW #3
2015	18.31	107.80	180	008	10.7	6033	5785	991	-3.9	-5.3	0.2	486	482	ODW #4 EYE PERC
CUTE 18 deg 20 min N. 107 deg 49 min W. SLP 990 mb														
2039	16.52	107.81	180	206	3.1	6067	5725	998	-4.7	-5.7	11.3	487	482	
2102	14.69	107.82	180	211	6.6	6072	5772	1000	-4.9	-7.5	0.2	487	482	ODW #5
2113	13.87	107.82	181	200	10.5	6074	5770	1001	-5.3	-6.6	-2.0	487	483	
2130	13.94	108.31	324	132	3.1	6071	5769	1002	-5.7	-7.0	-1.2	487	483	ODW #6
2141														ODW #7
2201	15.89	109.93	322	335	15.8	6061	5766	1003	-6.1	-9.2	20.8	487	483	
2216	16.73	110.64	318	335	12.1	6063	5767	1002	-5.4	-19.6	17.6	487	483	
2225	17.8	111.14	321	344	14.4	6066	5764	1004	-6.7	-10.6	11.5	487	483	ODW #8
2256	19.19	112.79	318	015	11.8	6081	5764	997	-2.3	-32.6	22.5	487	483	
2305	19.73	113.27	318	007	9.4	6083	5764	999	-3.1	-31.8	18.8	487	483	NR PR #3
E 2308 (2)	19.85	113.23	116	017	8.7	6083	5765	998	-2.8	-32.1	22.2	487	484	E → ODW #9
E 2310	19.74	112.96	106	023	10.6	6081	5764	997	-2.3	-32.2	22.9	487	483	ODW #10
2332	19.29	116.24	106	028	14.0	6118	5811	1000	-5.1	-9.2	17.2	484	480	ODW #11
2353	18.85	109.55	104	043	11.8	6088	5810	996	-4.9	-5.4	-1.6	484	480	ODW #12
fix 0014														ODW #13
CUTE 18 deg 42.1 min W. 108 deg 00.7 min W. MIN SLP 987 mb														
fix 0020														EYE PERC #2
E 0027	18.49	107.54	108	199	23.2	6061	5805	990	-3.4	-4.4	5.5	485	480	ODW #14
0045	18.00	106.09	103	181	21.2	6099	5804	999	-5.1	-5.9	0.0	484	481	
0058	17.66	105.01	112	175	17.6	6117	5803	1001	-5.1	-6.8	-1.5	485	481	ODW #15
0105	17.49	104.49	109	186	16.5	6128	5805	1002	-5.2	-7.6	2.8	485	481	ODW #16
0124	16.97	102.99	109	198	12.8	6142	5803	1005	-5.5	-7.8	-2.6	485	481	ODW #17
0133	17.33	102.98	325	171	11.0	6145								ODW #18

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME		
Genslinger		BARNHILL		N42RF				180012		Puerto Vallarta N 20-41.0 W 105-14.5		9/30/86		HRD C. Paine		
TIME OF ENTRY	POSITION	TYPE INE USED	INE #1 POSITION	LAT LON COR'S	INE #2 POSITION	LAT LON COR'S	ALT GS	TH TK	REMARKS							
175759	N 20-41.0 W 105-14.5	4 1	N 20-41.0 W 105-14.5	±0	N 20-41.0 W 105-14.5	±0			Puerto Vallarta Black out							
180232	N 20-41.5 W 105-14.3	4 1	N 20-41.5 W 105-14.3	±0	N 20-41.5 W 105-14.3	±0			Rwy 22 Hdg V = OK APP END ✓							
—	—	—	—	—	—	—	—	—	Rwy Hdg V GS V #1+1 #2+1 OK							
190207	N 23-54.8 W 108-03.3	10 1	N 23-54.9 W 108-03.4	-1	N 23-54.8 W 108-03.3	±0	190 273	167 169	Drop @ IP							
192347	N 22-13.3 W 107-59.8	10 1	N 22-13.5 W 108-00.1	-2 -3	N 22-13.3 W 107-59.8	±0	190 287	175 180	2nd Drop							
194612	N 20-26.5 W 108-02.0	2 1	N 20-27.3 W 108-00.5	-8 +1.5	N 20-26.6 W 108-00.2	-1 +1.8	190 261	175 180	3rd Drop PVR vor/Dme 288/154.3							
201447	N 18-21.0 W 107-49.2	10 1	N 18-21.8 W 107-49.5	-8 -3	N 18-21.0 W 107-49.2	±0	190 286	181 180	STORM CENTER 4th Drop							
210230	N 14-42.0 W 107-48.9	10 1	N 14-42.8 W 107-49.4	-8 -5	N 14-42.0 W 107-48.9	±0	190 275	185 180	5th Drop							
212938	N 13-55.3 W 108-18.1	10 1	N 13-56.2 W 108-18.7	-9 -6	N 13-55.3 W 108-18.1	±0	190 291	323 324	South (TP) 6th Drop							
214156	N 14-41.8 W 108-55.7	10 1	N 14-42.8 W 108-56.1	-1.0 -1.4	N 14-41.8 W 108-55.7	±0	190 303	321 319	7th Drop TRANSIT → W end							
222501	N 17-18.5 W 111-08.2	10 1	N 17-18.5 W 111-08.4	±0 -2	N 17-18.5 W 111-08.2	±0	190 284	324 320	8th Drop TRANSIT → W end							
230806	N 19-51.5 W 113-14.7	10 1	N 19-51.3 W 113-14.4	+2 +3	N 19-51.5 W 113-14.7	±0	190 296	113 116	West TP 9th Drop							
ATC CLEARANCE:																
ENROUTE CLEARANCES:																
TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER - INERTIAL (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL																

N43RF

CNTR AT 18 deg. 22 min N. 107 deg

39.5 min W. AT 30/2047Z.

MIN SLP 993 mb XTRP FM 5000 FT.

MAX WINDS N. OF CNTR 72 KTS -

MAX WINDS S. OF CNTR 64 KTS.

(2115Z) KJY-74

— Passed to N43RF ~~into~~

(eye #1)

N43RF

CNTR AT 18 deg 20 min NORTH

107.49 min AT 30/2015Z.

MIN SLP 990 mb XTRP FM

19000 FT. CNTR VERY NEAR

SOUTH EXEWALL.

FM
N43RF

CNTR AT 18 deg 45 min N. 107 deg

55 min W. AT 01/0113Z. MIN

SLP 991 mb XTRP FM 5000 FT. MAX SFC

WIND 66 KTS. MAX FLT LVL WIND 75 KTS

03 (KJY-74)

02 01 d