U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

Flt ID: H03021	From: Kmcf	To: Kmcf
Flt No: 04-06	Blk In: 1844	ATA: 1836
ETD: 1600Z	Blk Out: 1545	ATD: 1600
ETE: 3+00	Blk Time: 3.0	Flt Time: 2.6
Sponsor Org: Wcse NASA	Program: Tamdar	Purpose: Instrument PST

AOC Personnel

AC: Tennesen, D	Sys Eng:
CP: Tebeest, R	Data Sys: Mcmillan, S
Nav: Brakob, D	Radar: Peek, B
FE: Bast, G	GPS/BT: Roles, J
FD: Shepherd, T / Mayeaux, M	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
Mulally, D	Sci	NASA
Tsoucalas, G	Sci	Nasa

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOC Form 2

Flt ID: H031021	Time Off: 1600	Time On: 1936

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1019.4	30.07	1016.4	30.01

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	2	
Radar Tapes	Ø	
Cloud Physics Tapes	Ø	
Video Tapes	Ø	
AXBT	X	
AXCP		
AXCTD		
Dropsondes		

Video

	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

Flight ID: 031021H

U.S. Dept. of Commerce/NOAA/Aircraft Operations Center Form 613-50

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T_a	T_d	Press. Alt.	Geo. Alt.	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
162135	2646	8254	199	199	020	10.3	20.5	17.1	451	507	1017.8	960.3	80.2	220 IAS 150D
163155	2608	8309												RVRS TRK
163620	2621	8306	020	021	050	7.8	20.7	17.9	443	497	1017.8	961.0	78.7	
163920	2632	8302			031	6.1	21.4	15.8	443	498	1017.7	961.3	78.5	END LEG
164020	2634	8304	288	290	035	8.2	21.2	16.1	442	496	1017.5	961.4	79.3	X WIND LEG 220 IAS
165040	2648	8346			TURN TO TRK 055					IAS ↓ 195				END X WIND LEG
165230	2652	8343	045	045	036	9.6	20.3	18.2	431	488	1017.8	962.5	62.4	195 IAS 1.5K
165801	2705	8329	021	021	022	9.3	20.8	15.6	430	484	1017.6	962.6	61.3	ADJUST TRK
165950	2710	8327			SLOW TO 170 IAS									END 195 IAS
170215	2716	8329	020	020	019	7.8	20.6	16.5	432	486	1017.6	962.5	79.9	BEGIN LEG 170 IAS
170400	2722	8322	010	010	005	8.8								ADJ. TRK
170915	2736	8320	END 1500' WORK CLIMB TO 10500											
171915	2741	8323	000	359	305	5.6	6.9	-34.4	3211	3388	1014.7	682.3	89.2	230 IAS 10500 PA
172455	2753	8326	141	141	323	8.2	6.6	-33.2	3207	3381	1015.7	682.8	88.2	RVRS TRK
172600	2747	8322	141	141	305	9.7	7.0	-34.7	3201	3375	SLOW TO 205 IAS			
172750			130	130										
173300	2729	8257		SLOW TO 180 (R) TO TRK 285										END 205 IAS
173555	2728	830	281	280	301	3.4	6.4	-33.8	3195	3367	1015.6	684.0	57.7	
173946	2734	8318	314	314	320	4.0	6.8	-34.5	3195	3367	1015.6	683.9	55.1	180 IAS
174845	2744	8342	177	179	301	6.0	-7.8	-37.0	5786	5605	1019.2	514.3	59.2	Climb to FL200
175540	2724	8355	290	290	307	8.8	-14.1	-42.8	6115	6432	1019.4	464.3	93.0	235 IAS
175920	2734	8413	315	315	315	8.3								
180220	2746	8424		SLOW TO 210 IAS										
180520	2746	8418	155	156	325	13.9	-13.1	-43.4	6104	6421	1017.5	465.2	74.0	210 IAS
181230	2718	8351	108	109	285	13.1	-14.0	-44.6	6101	6420	SLOW TO 180 IAS			
181445	2717	8341	093	094	273	15.2	-14.5	-44.8	6095	6413	1021.5	465.8	54.6	180 IAS
182230	2712	8302	99	99	285	18.4	-14.0	-40.0	6068	6367	1020.4	471.3	61.0	END 180 IAS
182320		RTB												

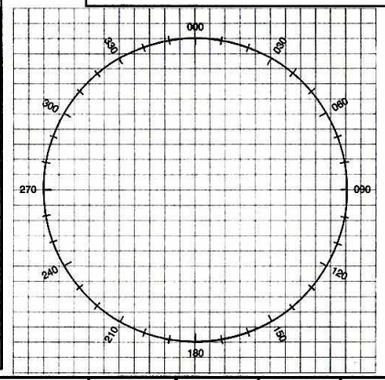
180
45
-25

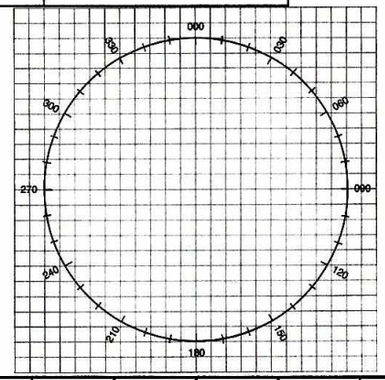
```
TITLE (MAX 21 CHARACTERS) -- EX  HURRICANE PAINE
TAMDAR MISSION 1
YYMMDDL  FLT I.D.
031021H
HHMMSS START TIME    -99999 DEFAULT TO START OF DATA FOR PRINTOUT ONLY
155701
HHMMSS END TIME      999999 DEFAULT TO END OF DATA FOR PRINTOUT ONLY
183900
HHMMSS TAKE OFF TIME
160000
* NUMBER OF TAPES (I2) ...FOR STANDARD TAPE OUTPUT ONLY
01
* -------LOGICAL UNIT OF INPUT DATA (I1)  5, 8 OR 9 FOR TAPE DRIVE
8
* -------LOGICAL UNIT OF OUTPUT TAPE DRIVE (I1) [FOR STANDARD TAPE ONLY]
8
* -------LOGICAL UNIT OF PRINTER (I1)
6
* -------DATE OF PROGRAM (MMDDY)
06094
* -------STATIC PRESSURE PROBE (I1)
* 1 = PSW (WINGTIP)
* 2 = PSF (CO-PILOT/FUSELAGE)
* 3 = FUTURE USE
2
* -------DYNAMIC PRESSURE PROBE (I1)
* 0 = PQW(WINGTIP)
* 1 = PQF1 (FUSELAGE 1281)
* 2 = PQF2 (FUSELAGE 1221)
* 3 =FUTURE US
1
* ---------INE SELECTION  (I1)
* 1 = INE 1
* 2 = INE 2
2
* ---------ACCELEROMETER (I1) - USUALLY THE SAME AS YOUR INE SELECTION
2
* --------- TOTAL TEMPERATURE PROBE (I1) [1 OR 2]
1
* --------- DEWPOINT TEMPERATURE PROBE (I1) [1 OR 2]
1
* ---------ALTIMETER OPTION (I1) - FOR VERTICAL WIND COMPUTATION
* 0 = PRESSURE ALTITUDE (OVER LAND)
* 1 = RADAR ALTITUDE APN-159 (OVER WATER)
* 2 = RADAR ALTITUDE APN-232 (OVER WATER)
1
* ---------PRINTOUT RATE  SECONDS (I2)
30
* ---------WINDSPEED/DIRECTION RUNNING AVERAGE TIME, SECONDS (I2)
10                                ! FOR STANDARD TAPE OUTPUT ONLY
* ---------TIME OPTION (I1)
* 1 = MICRO 29
* 2 = TIME BASED GENERATOR #1
* 3 = TIME BASED GENERATOR #2
1
* ---------NAME OF CONSTANTS FILE EX CO3863.CON
CO2032.CON
*****************************************************************
```

"G": 14577 040/5 >5145 26/19 30.07 ILSRWY4

CLEARANCES			
FREQ	ALT	HDG	OTHER
119.9	1.6K	080	CAF SQ 4515

MISSION LOG PAGE 1 OF 2





POSITION REPORT

1. POSITION
2. TIME
3. ALTITUDE
4. NEXT POSITION
5. ETA
6. NEXT POSITION

EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY 42 42
THIS IS NOAA _____, NOAA _____, NOAA _____

- POSITION _____ N / S _____ E / W AT _____ Z
- HEADING _____ TRUE/MAG
- AT _____ KTS TRUE/INDICATED
- FLIGHT LEVEL OR ALTITUDE _____
- WE ARE A P-3 AIRCRAFT WITH 11 SOULS ON BOARD
- NATURE OF EMERGENCY
- ASSISTANCE DESIRED
- PILOT INTENTIONS
- WE HAVE _____ ENDURANCE REMAINING

TIME	FIX TYPE	POSITION	INS 1 POSITION	K ERR	INS 2 POSITION	K ERR	MH	VAR +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
1540	ENG	N	N		N																
1545	TAXI	W	W		W																
1545 1600	BLOCK T/O																				
1605	XV	27-48.6 82-21.5	27-48.6 82-21.5	0 0	27-48.6 82-21.5	0 0			197	1L	196	220	270	6	41K	245					095/9 MCR ✓
1700	△	27-18.3 83-23.8	27-18.5 83-23.6	-.2 +.2	27-18.6 83-23.7	-.3 +.1			020	1R	021	173	010	20	1.5K	192					
1800	△	27-36.1 84-14.9	27-36.4 84-13.9	-.3 +1.0	27-37.1 84-14.7	-1.0 +.2			314	0	314	314	120	3	20K	309					
1836	LAND	27-51.0 82-31.3	27-51.0 82-30.9	0 +.4	27-52.2 82-31.1	-1.2 +.2															