

U.S. DEPT. COMM./NOAA/ORA - DATA SECTION WORK FORM NO.2 ORWF2 FILE

FLT ID: 1798025 TIME OFF: 2002 TIME ON: 04482

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1014.6	30.16	1012.6	30.14

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

PMS

AXBT

AXCP

~~ODW~~ GPS 30

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

2745 mtr RCDL

2345

002929

0045

0245

7 minutes before 15K

TIME	LAT	LOW	TRK	HD	WD	WS	TA	TD	PA	GA	SP	PS	PA
200700	3644	12205	291	287	207	27	9.6	-24.1	1646	1742	1019.6	826.4	CLR 75.4
203000	3611	12333	243	242	236	49	-11.8	-43.2	5511	5708	1013.2	504.3	BTN CLD 73.0
203636	3559	12400	239	239	235	48	-11.8	-42.4	5511	5711	1013.6	504.3	DROP 68.1
205100	3532	12458	240	239	232	56	-11.6	-34.6	5514	5712	1012.6	504.2	BTN CLD 75.1
210633	3502	12600	239	238	230	55	-12.1	-42.0	5514	5707	1013.4	504.1	DROP 75.2
211900	3538	12649	241	240	234	59	-13.8	-32.1	5654	5846	1014.3	494.6	CLD ABV 73.3
213300	3413	12745	242	240	231	57	-13.7	-32.2	5653	5844	1014.3	494.7	CLD ABV 72.3
213707	3405	12800	236	234	227	59	-13.4	-32.2	5652	5842	1013.3	494.7	DROP 70.8
214900	3341	12843	236	234	226	59	-13.3	-27.7	5651	5839	1012.6	494.8	BTN CLD 69.7
221016	3259	13000	236	236	236	61	-12.9	-26.3	5650	5838	1011.6	494.9	DROP 71.2
222506	3353	13002	0	351	227	66	-15.6	-25.4	5802	5962	1012.0	484.8	DROP 74.4
223300	3435	13001	0	350	225	75	-16.6	-20.6	5801	5941	1012.7	484.8	IN THN CLD 70.6
223712	3459	13001	1	350	228	75	-16.9	-19.1	5801	5931	1011.9	484.7	DROP 74.9
224540	3544	13001	0	348	229	75	-16.8	-18.3	5801	5906	1008.9	484.8	DROP 72.2
225344	3627	13001	359	348	235	69	-17.0	-23.8	5799	5882	1006.8	485.0	DROP 70.8
230222	3712	13002	2	352	232	67	-18.6	-27.7	5802	5861	1008.6	484.8	DROP 75.7
231452	3820	12959	359	348	224	74	-19.8	-33.0	5800	5824	1007.5	484.4	DROP 69.9
233200	3743	13051	222	224	230	67	-19.8	-32.1	5800	5829	1008.5	484.9	SCD CLD 72.9
234458	3708	13130	221	224	234	63	-20.0	-30.6	5797	5849	1011.8	485.1	CLR 70.5
235800	3633	13210	224	228	241	59	-20.1	-30.6	5797	5849	1011.8	485.1	DROP
001153	3555	13253	219	225	250	59	-18.4	-41.5	5827	5869	—	482.2	DROP
002206	3512	13251	175	187	250	61	-20.0	-23.5	5933	6010	—	476.2	DROP 73.5
003245	3428	13245	176	189	240	68	-18.1	-22.3	5932	6033	1008.9	476.3	DROP 70.0
004319	3345	13243	179	191	243	62	-18.2	-21.0	5933	6057	1011.9	476.2	DROP 71.3
005338	3302	13238	175	188	234	71	-16.8	-21.2	5933	6078	1011.3	476.1	DROP 72.4
005630	FRONTAL ZONE												
010315	3223	13235	174	188	237	76	-16.9	-35.6	6047	6223	1012.5	467.8	DROP 72.6
011316	3142	13231	176	188	240	65	-18.4	-30.1	6113	6307	1017.3	464.5	DROP 74.0
012323	3100	13227	176	188	236	66	-16.9	-38.4	6230	6453	1013.7	456.3	DROP 66.4
014048	3043	13340	252	250	240	68	-18.3	-41.9	6242	6447	1015.2	456.4	BAD DROP
014333	3040	13352	251	249	241	70	-18.1	-43.7	6241	6447	1015.2	456.4	DROP 72.2
015241	3051	13429	258	254	241	72	-19.5	-44.7	6402	6607	1015.2	446.7	DROP
020209	3120	13436	355	341	234	79	-19.6	-34.8	6401	6579	1012.4	446.6	DROP
020800	FRONTAL ZONE												
021310	3218	13442	358	345	238	69	-20.9	-27.1	6398	6549	1013.3	446.6	DROP 71.0
022322	3312	13447	356	343	232	79	-25.1	-27.2	6715	6835	1015.2	427.4	DROP 70.7
023336	3406	13454	354	340	239	78	-26.1	-28.1	6714	6799	1014.9	427.4	DROP 69.6
024357	3500	13502	353	345	241	60	-28.3	-31.9	6725	6781	1016.2	427.0	DROP 68.7
024809	3512	13438	65	66	243	57	-27.9	-33.7	6721	6779	1017.4	427.1	DROP 70.2
030100	3545	13318	61	67	241	63	-29.2	-33.4	7031	7101	1016.4	408.9	— 71.1
031700	3631	13136	61	62	237	80	-33.1	-37.2	7640	7714	1016.2	374.9	— 63.0
034000	3712	12852	92	101	241	80	-32.4	-37.3	7639	7753	1017.2	375.0	— 64.8
035122	3709	12730	93	103	231	73	-31.7	-36.7	7638	7787	1019.6	274.9	DROP 63.3
041355	3659	12449	96	102	251	71	-30.8	-36.6	7638	7831	1020.1	375.1	DROP 64.0

(30)


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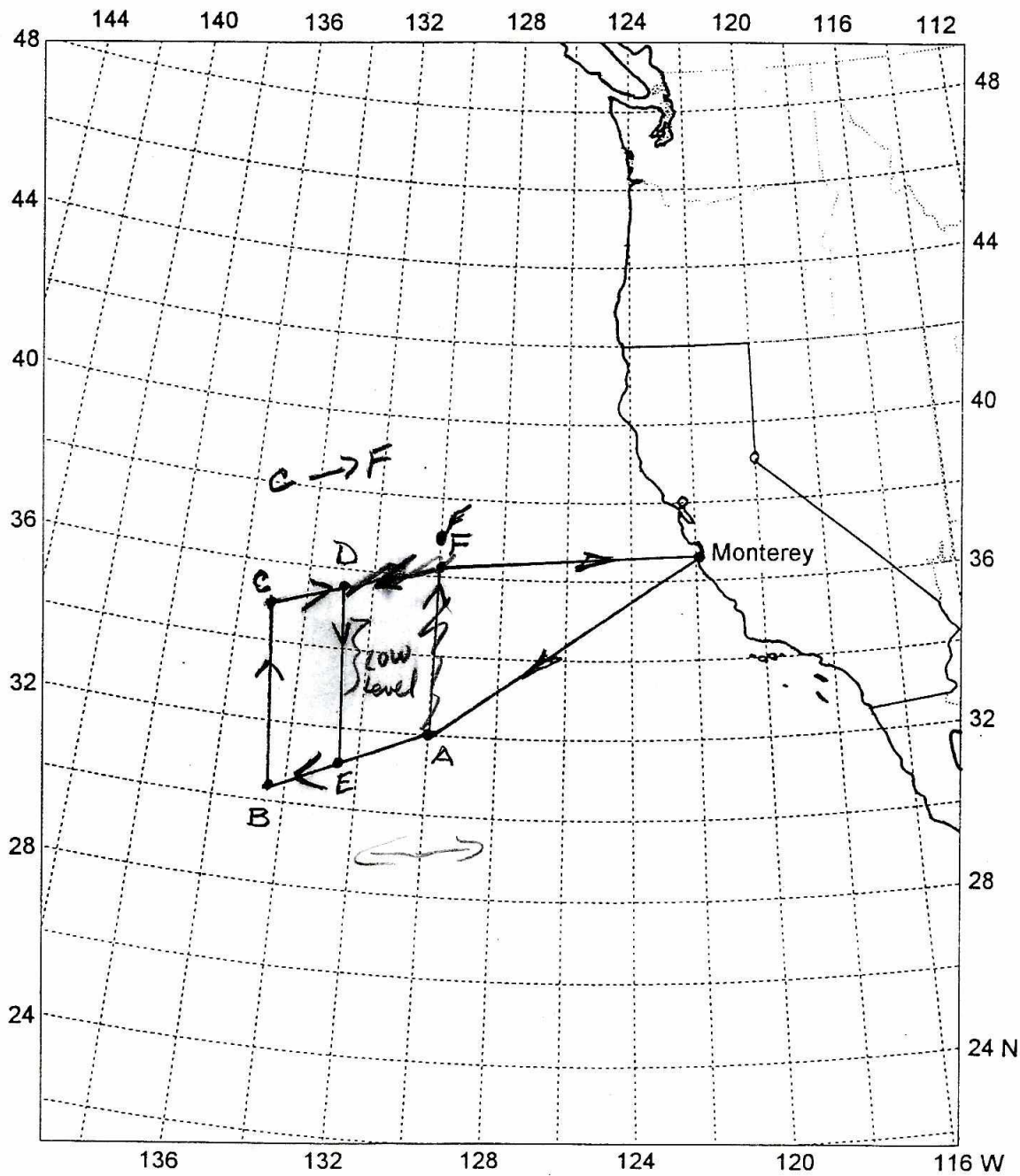
TITLE (MAX 21 CHARACTERS) -- EX HURRICANE PAINE
CALJET IOP #5 (SUPER BOWL DROPSONDE MISSION)
YYMMDDL FLT I.D.
980125H
HHMMSS START TIME -99999 DEFAULT TO START OF DATA FOR PRINTOUT ONLY
195801
HHMMSS END TIME 999999 DEFAULT TO END OF DATA FOR PRINTOUT ONLY
045200
HHMMSS TAKE OFF TIME
200200
* NUMBER OF TAPES (I2) ...FOR STANDARD TAPE OUTPUT ONLY
6
* -----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
* ----- DEWPONT 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)
20
* -----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 GENEATOR #2
1
* -----NAME OF CONSTANTS FILE EX CO3863.CON
CO2982.CON
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IOP: CALJET #5

Date and time of flight; ^{T.O.} ~~start~~: 2000Z, on SUNDAY, 25 JAN 1998

Purpose of flight: Pre-landfall survey



CALJET FLT. #5
NOAA42 N42RF
T.O. 2000Z
ETE 9+ HRS

SUNDAY, 25 JAN 1998

POSITIONS:

<u>PT</u>	<u>LAT.</u>	<u>LONG.</u>
A	32.0°N	130.0°W
B	30.5°N	134.5°W
C	35.0°N	135.0°W
D	35.65°N	132.9°W
E	31.2°N	132.44°W
F	36.1°N	130.0°W

T.O. MRY 2000Z

MRY TO PTA CLIMB ENROUTE TO FL180

PTA TO PT B FL180

PT B TO PT C DESCEND ENROUTE TO 1000 FT; THEN
CLIMB TO FL200

PT C TO PT D, E, A, F FL190-210

RTN MRY

DATE : 1/25/98
TO : Chief, AOC Flight Operations
FROM : Pilot/Flight Director, Aircraft N42RF ON 0456Z BLOCKTIME
SUBJECT: Hazardous Duty OFF 1946Z 9:10

PURPOSE OF FLIGHT: CALJECT PROJECT

Hazardous Duty Pay is required for flight made on 1/25/98
(DATE)

Request based on FLYING THROUGH FRONTAL ZONE
SEVERAL TIMES

Personnel on board authorized Hazard Pay:

<u>WADE</u>	_____
<u>DAMIANO</u>	_____
<u>LYNCH</u>	_____
<u>BARR</u>	_____
<u>CARPENTER</u>	_____
<u>BROWN</u>	_____
_____	_____
_____	_____
_____	_____

PILOT/FLIGHT DIRECTOR: A. Barry Damiano

APPROVED: _____ DISAPPROVED: _____

CHIEF, AOC FLIGHT OPERATIONS: _____

CLEARANCES			
FREQ	ALT	HDG	OTHER
			10057
			6023
			0110
			0510

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

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 _____ SOULS ON BOARD
- NATURE OF EMERGENCY _____
- ASSISTANCE DESIRED _____
- PILOT INTENTIONS _____
- WE HAVE _____ ENDURANCE REMAINING

[illegible]