

FLT ID: 980820T	FM: TISX	TO: JXKF
FLT NO: 98-09	BLK IN: 0309	ATA: 0303
ETD: 1730Z	BLK OUT: 1729	ATD: 1737
ETE: 9	BLK TIME: 9:40(9.7)	FLT TIME: 9:26(9.4)
SPONSOR ORG: HAD	PROGRAM: Research	PURPOSE: Synoptic Flow

DAO PERSONNEL

AC McKim ✓	SYS ENG Roles ✓
CR Tennessee Kenul	DATA SYS Lynch ✓
NAV Kozak ✓	RADAR Smith ✓
FE Moore/Wade ✓	BT/ODW ✓
RADIO Sans Souci ✓	CEB Winkler ✓
FD Parrish ✓	DOPPLER Closser

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Camache, J. ✓	P.I.	HAD
Aberson, S. ✓		↓
Dodge, P. ✓		

PROPOSED/ACTUAL MISSION REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

32 22 1722Z - 42 1/2 gust delayed.
 64 42 1850: Delayed drop due to work station problem.
 1930 - Continued problems w/ AVM's link to HAD work station -
 went to Plan B - use Jet's program to format temp drop msg's.
 1620 2232Z Fix FMAF 18 41N 61 10W 100mb

17.9
60.7
To Down
201213

980820I T.D. 2 SYNOPSIS FLOW

Time	LAT	LONG	TK	WD	WS	PA	GA	TA	TD	SP	PS	AD	
1729	1742.0	6447.5				29		33.3	22.2		1010.1		Blocks
173915	1741	64425	96	39	13	376	378	25.8	21.6	1011.0	955.6		
174315	1747.3	64409	284	51	14	1671	1741	18.5	3.9	1011.2	821.4	↑	
1754	1808.4	6521.6	300	78	14.2	4124	4370	5.1	-26.0	1009.2	602.5	↑	
1807	1843.3	6607.5	328	118	16.0	4896	5175	1.2	-30.3	1006.1	547.5	25.0	—
1821	1939.6	6646.2	327	108	13.9	4693	5178	0.2	-29.9	1008.4	547.9	25.4	
1850	2130.5	6805.1	269	49	15.4	4890	5177	-0.4	-27.8	1010.5	548.2		Delayed Drop 1
191419	2131.4	7009.7	270	90	9.8	4908	5205	-0.4	-20.6	1009.8	544.7		Drop 1 PTH Winds
193543	2131	7202.6	317	107	16.5	5672	6010	-5.7	-12.1	1008.9	493.5		Drop 2 PTH Winds
195630	2247.7	7316.8	316	124	18.2	5672	6016	-5.6	-14.3	1009.7	493.4		Drop 3 PTH Winds
201140	2343.2	7414.8	320	119	18.4	5672	6018	-6.3	-14.8	1011.9	493.4		
202330	2430.7	7457.3	317	132	22.6	5670	6020	-6.4	-13.8	1012.3	493.4		
203600	2516.3	7544.4	312	132	10	5671	6022	-5.6	-11.2	1010.3	493.6		
204824	2605	7632	4	149	10.5	6133	6508	-9.8	-14.2	1012.4	469.3		Drop 4 PTH Winds
212129	2845	7632	2	178	6.8	6126	6504	-9.6	-19.3	1013.1	463.8		Drop 5 PTH Winds
215529	3132.7	76289	48	64	9.2	6123	6513	-10.4	-17.3	1016.7	463.8		Drop 6 PTH Winds
2208	3211.7	75389	47	95	5.0	6124	6515	-9.6	-38.5	1014.7	463.8		Some P-static
2218	3245	7457	47	16	7.7	6124	6513	-9.1	-37.7	1013.5	463.8		
223157	3330.3	7359.2	49	337	14.7	6429	6837	-11.8	-27.0	1014.6	444.7		Drop 7 PTH Winds
2242	3402.5	7315.9	48	338	20.9	6428	6830	-11.8	-40.4	1014.9	444.7		
225530	3446	7217	49	333	27.8	6428	6823	-12.0	-41.3	1014.2	444.8		
230600	3521.3	7130	49	327	27.0	6427	6810	-12.2	-44.2	1013.4	444.8		Drop 8 PTH Winds
231630	3555.0	7042.2	49	339	23.6	6427	6800	-13.6	-38.1	1016.3	444.9		
232615	3624	6957	52	332	31	6426	6788	-13.5	-39.3	1014.6	444.9		
233850	37023	6859	359	331	34	6427	6766	-13.0	-42.7	1011.1	444.8		Drop 9 PTH Winds
2355	3814	6903	0	354	46	7382	7660	-20.8	-49.4	999.4	386		
000644	3902	6900	40	5	48	7963	8362	-24.4	-43.5	1011.1	357.9		Drop 10 PTH Winds
002530	4007	6756	36	15	47	7956	8357	-24.6	-49.1	1010.9	357.5		
003530	4042.6	6720.1	37	19	42	7964	8342	-24.6	-44.8	1009.6	357.9		
004058	4100	6657	89	18	40	7962	8343	-24.8	-49.8	1010.7	357.9		Drop 11 PTH Winds
010937	4053	6357	184	4	29.5	7960	8298	-27.1	-54.9	1014.9	358.1		Drop 12 PTH Winds
012315	3939	6404	185	264	17	7957	8294	-29.5	-56.9	1024	358		
013102	3900	6404	188	214	17	7959	8297	-29.7	-52.4	1025.4	358		Drop 13 PTH
0134	3846	6410											Drop 14 PTH Winds
015523	3659.5	6410.6	182	236	48	7956	8332	-24.6	-39.7	1002.3	358.1		Drop 15 PTH Winds
0205	3616	6412.5	182	237	58	7957	8377	-22.1	-54.4	1004.8	358.1		
022139	3459	6418.5	186	245	47	7955	8425	-21.9	-53.3	1009.5	358.3		Drop 16 PTH Winds
0226	3439.4	6421.1	186	247	46.4	7956	8433	-21.9	-32.7	1012.4	358.2		
0242	3326	6425	184	240	23.2	3480	3700	5.0	1.2	1019.7	664		
0253	3240	6428	186	284	34	1105	1207	20.0	16.6	1019.6	899		Strong wind Down
0309	3221.8	6442.2						27.2			1019.5		Blocks

Aircraft Operations Center
PO Box 6829
MacDill AFB, FL 33608-0829

August 31, 1998
~~March 16, 1996~~ AOC1:sw

MEMORANDUM FOR: *Same*

FROM: Captain George C. Player, III, NOAA
Director, Aircraft Operations Center

SUBJECT: Hazard Duty Flight

The mission flown on AOC aircraft # N43AF on 20 Aug 98 has been declared hazardous. The following personnel from your laboratory participated in this mission.

Camache, J.
Abrson, S.
Dodge, P.

For purpose of computing allowable hazard duty time, the hazard period during this mission was from 1329 local time on 20 Aug until 2309 on 20 Aug.

43 3 plane Synoptic.
 Props St Croix - Bermuda

Aug 19 17:22 1998 /home/hrd/flight_tracks/track02.log Page 2

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: BONNIE

Prepared by the Hurricane Research Division at 05:22:18 PM on 08/19/98.
 File: /home/hrd/flight_tracks/980820ip.ftk

Aircraft: N43RF Altitude: FL180-250 Proposed takeoff: 20/1730Z

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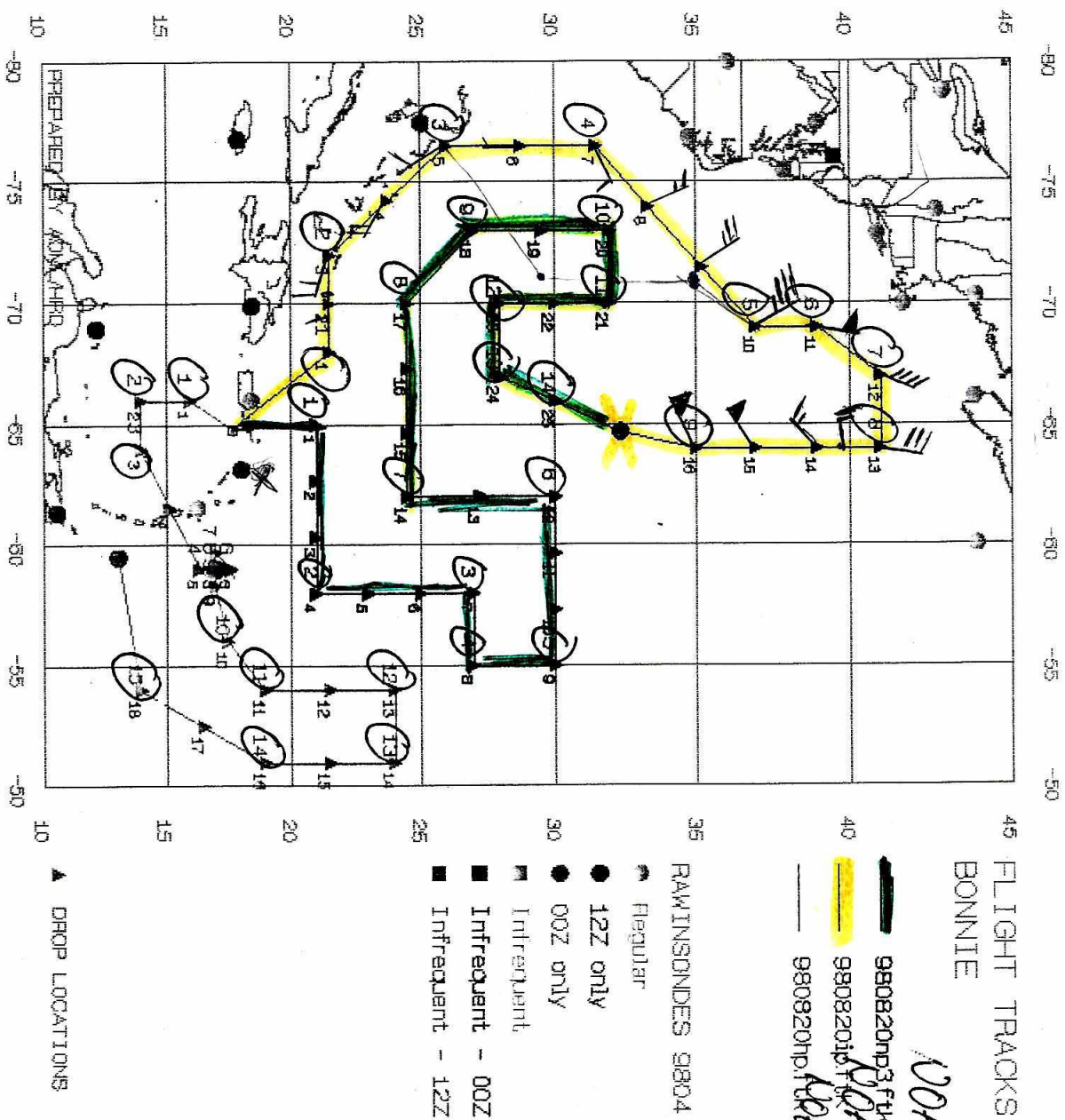
DROP LOCATIONS

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#	LAT	LON	TIME		
1	21 30	68 00	1:10	Delayed - Skipped	20 102 - 06Z
2	21 30	70 00	1:33	Good	
3	21 30	72 00	1:57	Good	NE 35 72 48W
4	23 45	74 15	2:35	Good	SE 29 72
5	26 00	76 30	3:12	Good	SW 29 77
6	28 45	76 30	3:47	Good	
7	31 30	76 30	4:21	Good	
8	33 20	74 00	4:56	Good	
9	35 10	71 30	5:30	Good	
10	37 00	69 00	6:04	Good	
11	39 00	69 00	6:29	Good	
12	41 00	67 00	7:00	Good	
13	41 00	64 00	7:28	Good	
14	39 00	64 00 07	7:53	Good	Good PTH 14 Good PTH 42nd
15	37 00	64 00 13	8:18	Good	
16	35 00	64 00 20	8:43	Good	

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3 plane synoptic



940
32 24

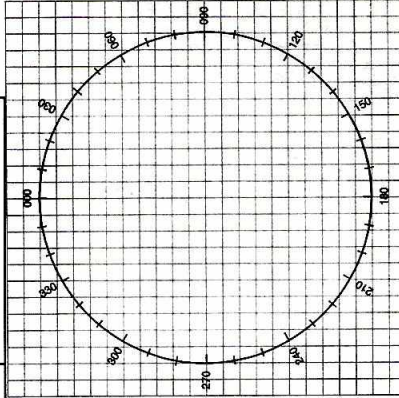
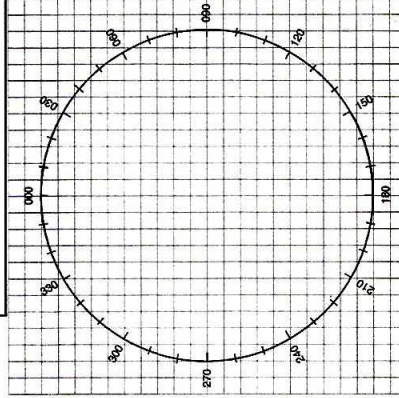
ETA 0305Z

CLEARANCES

[illegible]

MISSION LOG

PAGE	OF
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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**

- 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 _____

- NATURE OF EMERGENCY
- ASSISTANCE DESIRED

- PILOT INTENTIONS
- WE HAVE
- ENDURANCE REMAINING

[illegible]

8846-9488 UC59

