

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 080925 I	From: KMCF	To: KMCF
Flt No: 08 -	In: 1706 Z	On: 1700Z
ETD: 08 Z	Out: 0741 Z	Off: 0752 Z
ETE: 8 + 30	Blk Time: 9 + 25 (9.4 Hrs)	Flt Time: 9. + 08 (9.1 Hrs)
Sponsoring Org: NMAA / EMC	Program: Hw 08	Purpose: TDR

AOC Flight Crew

Aircraft Commander: CHOY	Data System: LYNCH
Co-Pilot: NEWMAN / EBHARDT	AVAPS: SMITH
Navigator: GALLAGHER / KIDDER	System Engineer: NAETHER
Flight Eng: FLOYD / KLIPPEL	AA:
Flight Director: FLAHERTY /	AA:
Avionics: SANS SOUCI	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
ROGERS, R	PI	HRD
DORST, N	RADAR	HRD
	RADAR	HRD
Collins, J	OBSERVER + D.S.S.	USF

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Recco Times

Fix # Fix Time

Storm Name: ~~NMAA~~ AL93 ~~AL94~~ AL94 122 Paxman 32/7J-8

Mission ID: NMAA3 07FA WAVE

TEAL76 0.5-1130Z
AL94

RADAR RESET 112840Z

(PAX)

U.S. DEPT OF COMMERCE / NMAO / NOAA / AIRCRAFT OPERATIONS CENTER

FLT ID: 080925 I

TIME OFF: 0752 Z

TIME ON: 1700 Z

A/C - Takeoff

WX Station - Takeoff

A/C - Land

WX Station - Land

Pressure

1014.4

1014.9

ATIS - Takeoff

0655z

36005KT CLR

20/16

A2994

ATIS - Land

557

VRB25KT 10SM

26/17

2995

Data Source

Number

Data Disposition / Date / Quality

Flight Level Tapes

2

Radar Tapes

Cloud Physics Tapes /
Cds

Video Tapes

Dropsondes

10

Good: 10

Bad:

Total:

10

AXBT

AXCP

AXCTD

SONOBUOY

REMARKS:

FLIGHT ID: 080925 I

START TIME: 0749 z
END TIME: 1703

Static Pressure Probe:

PSW **PSF**
PSWx PSFx

Dynamic Pressure Probe:

PQW **PQF1** PQF2
PQWx PQF1x PQF2x

Inertial/Accelerometer:

INE1 INE2
ACC1 ACC2

Total Temperature:

TT1 TT2 TT3
TT1x TT2x TT3x

Dewpoint Temperature:

TDM1 **TDM2** TDM3
TDM1x TDM2x TDM3x

Altimeter (for Vertical Winds):

PA1 (land) **RA159** RA232
RA159x RA232x

Radar Altitude:

RA159 RA232

(For surface pressure if PA selected above)

RA159x RA232x

Inputs:

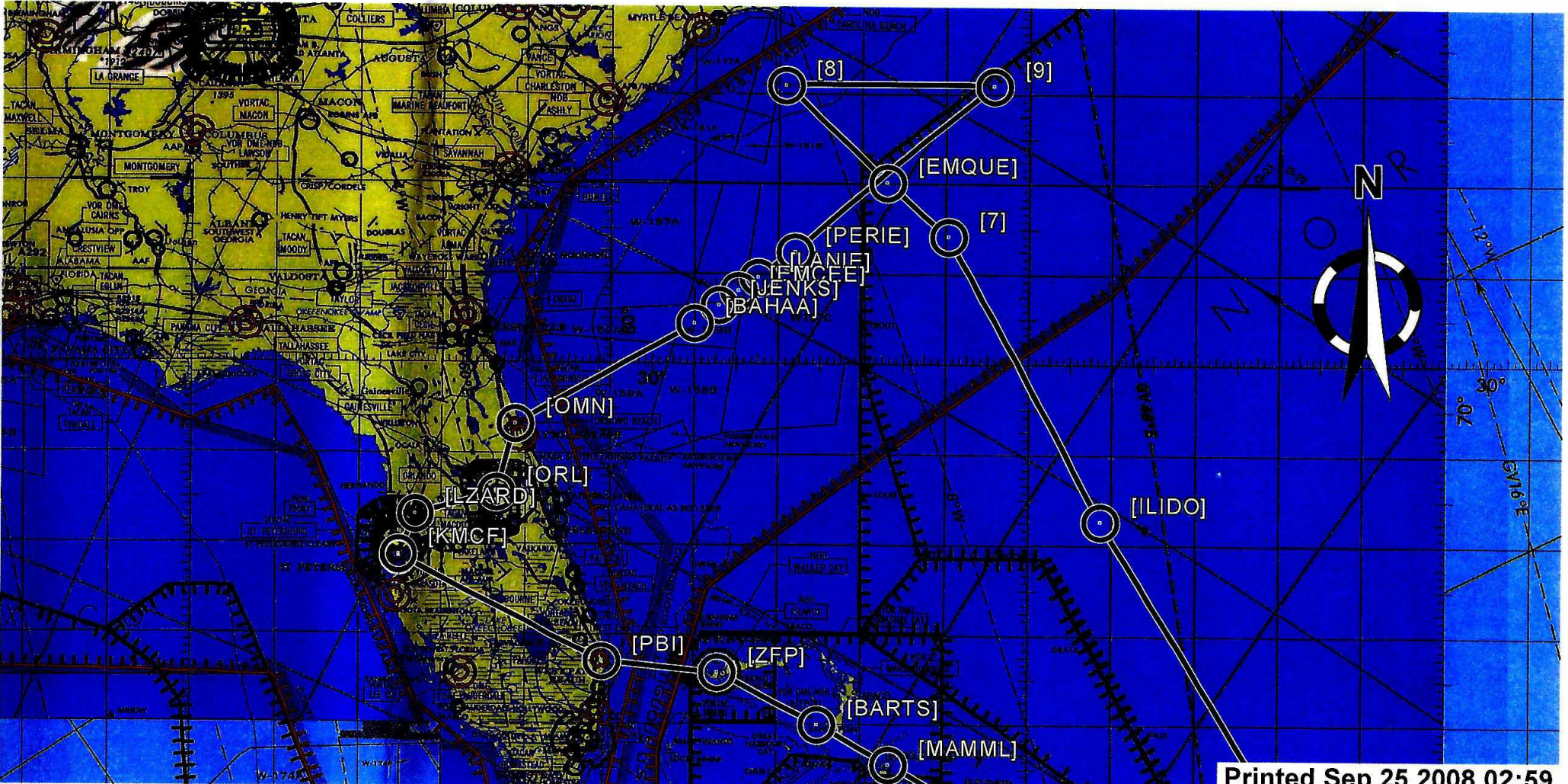
159= ALTI1 (blended GPS) 232=HG9550 ALTCLN=NOVATEL

Spikes Edited

Parameter	Start	End	Type of Edit	Weight/Std Dev/Substitution Offset
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TDM2	110456	110505	MANUAL	0.3
110928	-37			0.35
143129	143041	143110		0.35
143250	143129	143155		0.30
143349	143248	-3305		0.30
143927	143353	-3411		0.20
151311	151327	151350		0.10
151720	-33			0.30
152014	151722	151734		0.30
				1.30

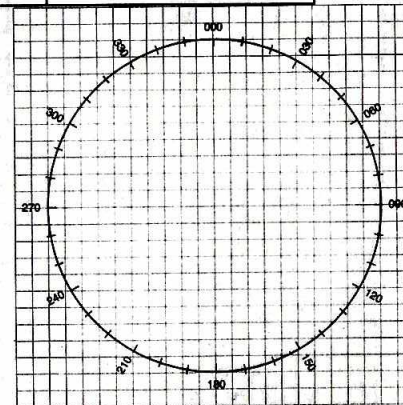
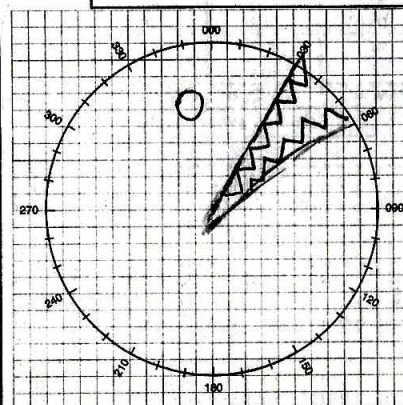
27
143128 - 144019 .23



CLEARANCES			
FREQ	ALT	HDG	OTHER
127.22			CLRNC 127.2 132.45
132.3	123.3		132.25 173.4 125.7
132.3			DUNED
			751M - WOODZ
			ALERT 600
126.95			
124.6			

MISSION LOG

PAGE ____ OF ____



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

MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA 43, NOAA 43, NOAA 43

- 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 16 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
0737	ENB STRY																				
0741	TAXI																				
0751	T/O																				
0757	Δ	201/102 2144 4301	2275 108205	✓	2275 08185	✓	131	SU 125	12	130	237	220	13	115	220	237					
0815	SAC✓																				
0855	Δ	25413 7753	25413 7753	0	25413 7753	0	139	70W 130	4 R	125	276	234	17	15	269						
0941	C	CLPNC	11330 X 13297	NY DAY	0586 8918 X	NY N64T															
1007	Δ	2451 072 23	22419 72 21	1.3 13	2451 72 26	0 -3	131	10W 101	AL	109	286	252	13	15	276						
1038	C	Last con u																			
1137	C	CLY																			
1157	C	Relay	LAMER 1220 10K		C-MQUE																
1159	C	CLR 10 130																			
1207	Δ	24 00 6902	23 57 069 01	+3 +1	23 58 69 05	+2 -3	328	12	316	7L	327	277	672	28	118	264					
1222	CHE	24 V. N. 110																			
		22 42 7731	22 35 75 58					TEAR 76													
1308	C	NO RECORD																			

TEAM 76

1227 16

Engine 144

3805 7755

3705 7725

TEAL 76

MISSION LOG			PAGE ____ OF ____		FIX TYPES (G) - GPS (I) - INS (R) - RADIO (V) - VISUAL (C) - CELESTIAL (D) - DR																
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
1309	△	27 52 72 38	27 49 72 38	+3 0	27 50 72 39	+2 -1	323	10W	313	0	323	301	160	11	18	290					
1311	C	CALC ATC	W/REQ																		
1330	NY	KMCP CRD	CNL	3240 77 31	32 35 75 58		DEBTE		30N	79W	ORL		180								
1338		NHD	PHO Report reaching																		
1351	C	CLNC	REARBACK																		
1359	C				DEBTE	4230	Report Level		JAX		135.05		134 35								
1400	β	TEAL																			
1413	△	31 50 76 25	31 49 76 25	+1 0	31 49 76 24	+1 +1	326	9W	317	712	333	269	203	39	11K	250	EMQ			1417	
1422	β	3217 67652																			
1427	C	PHO Report																			
1433	C	JAX ORL	Model Contact																		
		904 519	1537		116/70	SFC		128.7		138.05											
1524	△	31 53 77 11	31 53 77 10	0 +1	31 50 77 12	+3 -1	234	9W	225	6L	228	231	282	32	11K	247					
1700	LAND	KMCP																			

HIBAC ORL

Turn Pt	Type	Fix/Point	Latitude	Elev	Aspd	Altitude	MH	TH	Leg Time	Leg Dist
	DTD	Descriptio	Longitude	MV	Bank	Wind	MC	TC	Clock Tim	Total Dist
1		KMCF/A	N 27 50.96	14FT	270T	13000M	122	118	00+00+00	0.0
*M		MACDILL	W082 31.27	4.5W			122	118	00+00+00	0.0
2		PEIR	N 26 40.60	19FT	270T	13000M	122	118	00+32+50	147.8
*M PEI		PALM BEA	W080 06.19	5.0W			122	118	00+32+50	147.8
3		ZFP	N 26 33.32	7FT	270T	13000M	101	095	00+16+41	75.0
*M ZFP		FREPOR	W078 41.87	6.8W			101	095	00+49+31	222.8
4		BARTS BR	N 26 59.02	unk	270T	13000M	125	118	00+16+11	72.8
*M BART		BARTS	W077 30.34	7.5W			125	118	01+05+42	295.6
5		MAMML B	N 25 32.20	unk	270T	13000M	127	120	00+11+55	53.6
*M MAM		MAMML	W076 38.86	7.9W			127	120	01+17+37	349.3
6		DIAZZ BR	N 24 51.29	unk	270T	13000M	123	120	00+17+55	80.7
*M DIAZZ		DIAZZ	W075 22.14	8.6W			123	120	01+35+32	429.9
7		COBBL B	N 24 45.41	unk	270T	13000M	129	121	00+02+33	11.5
*M COBB		COBBL	W075 11.28	8.7W			129	121	01+38+05	441.4
8		LOGVN B	N 24 32.00	unk	270T	13000M	129	121	00+05+48	26.1
*M LOGV		LOGVN	W074 46.68	8.9W			129	121	01+43+53	487.5
9		BRRGO B	N 24 25.00	unk	270T	13000M	130	121	00+03+01	13.6
*M BRGG		BRRGO	W074 33.93	9.0W			130	121	01+46+54	481.1
10		AVNEY BR	N 23 53.73	unk	270T	13000M	142	133	00+10+13	46.0
*M AVNE		AVNEY	W073 56.99	9.3W			142	133	01+57+07	527.0
11		BENIE BR	N 23 34.46	unk	270T	13000M	142	133	00+06+17	28.3
*M BENIE		BENIE	W073 34.37	9.4W			142	133	02+03+24	555.3
12		LYMIN/W	N 22 42.53	unk	270T	13000M	132	123	00+21+11	95.3
*M LYMIN		LYMIN	W072 07.45	10.1W			132	123	02+24+35	630.7
13			N 22 36.00	unk	250T	13000M	103	093	00+29+40	123.6
*M 3			W069 54.00	11.3W			103	093	02+54+15	774.3
14			N 21 36.00	unk	250T	13000M	234	223	00+19+37	61.7
*M 4			W070 54.00	10.6W			234	223	03+13+52	836.0
15		SKYLE/W	N 23 29.29	unk	250T	13000M	009	358	00+27+07	113.0
*M SKYL		SKYLE	W070 58.47	10.9W			009	358	03+40+59	969.0
16		LETON/W	N 25 00.00	unk	270T	13000M	339	328	00+23+57	106.3
*M LETO		LETON	W071 59.65	10.6W			339	328	04+04+36	1075.3
17		ILIDO/W	N 28 14.68	unk	270T	13000M	341	330	00+50+05	225.4
*M ILIDO		ILIDO	W074 07.44	10.0W			341	330	04+54+41	1300.7
18			N 31 24.00	unk	270T	13000M	343	333	00+47+06	211.9
*M 7			W073 58.00	9.5W			343	333	05+41+47	1312.6
19		EMQUE/W	N 31 59.94	unk	250T	13000M	324	314	00+12+21	51.4
*M EMQU		EMQUE	W076 41.20	9.2W			324	314	05+54+08	1564.0
20			N 33 05.00	unk	250T	13000M	326	316	00+21+37	90.0
*M 8			W077 55.00	8.7W			326	316	06+15+46	1664.1
21			N 33 05.00	unk	250T	13000M	098	089	00+30+15	126.0
*M 9			W075 25.00	10.3W			098	089	06+46+00	1780.1
22		PERIE	N 31 18.72	unk	250T	13000M	233	223	00+39+27	164.4
*M PERIE		PERIE	W077 47.61	8.4W			233	223	07+25+27	1944.5
23		LANIE M20	N 30 56.50	unk	270T	13000M	241	233	00+06+19	28.4
*M LANIE		LANIE	W078 14.14	8.0W			241	233	07+31+46	1972.9
24		EMCEE M2	N 30 47.56	unk	270T	13000M	240	232	00+03+14	14.5
*M EMCE		EMCEE	W073 27.65	7.9W			240	232	07+35+00	1987.5
25		JENKS M2	N 30 38.12	unk	270T	13000M	240	232	00+03+26	15.4
*M JENK		JENKS	W078 41.73	7.6W			240	232	07+38+26	2002.9

Turn Pt	Type	Fix/Point	Latitude	Elev	Aspd	Altitude	MH	TH	Leg Time	Leg Dist
	DTD	Descriptio	Longitude	MV	Bank	Wind	MC	TC	Clock Tim	Total Dist
26		BAHAA M	N 30 25 38	14H	270T	13000M	238	231	00+04+27	20.0
	*M BAHAA	BAHAA	W078 59 53	7.4W			238	231	07:42:53	2023.0
27		OMN/R	N 29 18 20	19FT	270T	13000M	247	239	00+28+43	129.2
	*M OMN	ORMOND	W081 06 76	5.8W			247	239	08:11:36	2152.2
28		ORL/R	N 28 32 56	109FT	270T	13000M	200	194	00+10+27	47.0
	*M ORL	ORLANDO	W081 20 10	5.5W			200	194	03:22:03	2109.2
29		LZARD/W	N 28 18 01	unk	270T	13000M	260	255	00+11+56	53.7
	*M LZAR	LZARD	W082 18 71	4.8W			260	255	08:33:59	2252.9
30		MCF/T	N 27 51 67	14FT	270T	13000M	207	202	00+06+18	28.4
	*M KMCF	MACDILL	W082 30 81	4.5W			207	202	08:40:17	2281.2