

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

FLT ID: 050808 I	From: KMCF	To: KMCF
Flt No: 05-041	In: 2128 Z	On: 2119Z
ETD: 1300 Z	Out: 1256	Off: 1309
ETE: 9+00	Blk Time: 8+32 8.5 Hrs	Flt Time: 8+10 8.2 Hrs
Sponsoring Org: AOC	Program: SFMR TEST PMM	Purpose: SFMR TEST

AOC Flight Crew

Aircraft Commander: KENNEDY, P	Data System: LYNCH, T
Co-Pilot: STRONG, T	AVAPS: KERR, B
Navigator: GALLAGHER, T BRABO, D	System Engineer: GOLDSTEIN, A
Flight Eng: FLOYD, D	AA: MOYE, G (USNA)
Flight Director: SHEPHERD, T	AA:
Avionics: SANS SQUAD	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation

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

Storm Name: _____

Mission ID: _____

APN 159 switched @ ~1903; went out over land but didn't come back over water (as it has done in past)

(See reverse for additional remarks)

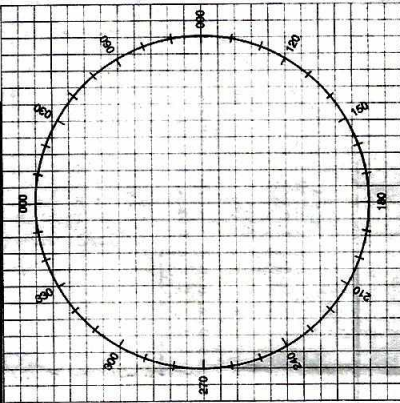
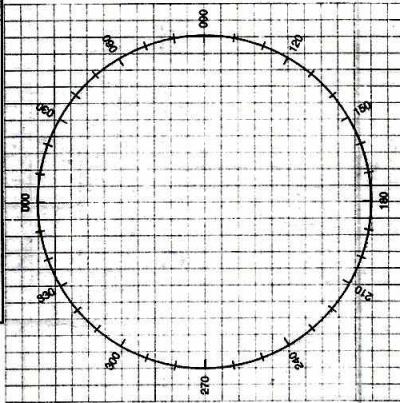
U.S. DEP'T OF COMMERCE / NMAO / NOAA / AIRCRAFT OPERATIONS CENTER

FLT ID: 050808I	TIME OFF: 1309Z	TIME ON: Z		
	A/C - Takeoff	WX Station - Takeoff	A/C - Land	WX Station - Land
Pressure	1015.5	30.00	1014.0	29.97
ATIS - Takeoff J	150/7	P6SM	26/24	A3000
ATIS - Land				
Data Source	Number	Data Disposition / Date / Quality		
Flight Level Tapes	2			
Radar Tapes	0			
Cloud Physics Tapes / Cds	0			
Video Tapes	0			
Dropsondes		Good:	Bad:	Total:
AXBT	1			
AXCP				
AXCTD				
SONOBUOY				

REMARKS:

MISSION LOG PAGE ____ OF ____

FREQ	ALT	HDG	OTHER
			MAS 78150
			PALIS MASON
			RIVIER
			P61 BRSSV-78SV-A31S
			MEDON-SASON-6DREGO
			DORBY ZHOENNOY SASON
			VXCS A31S ZBV B-7
			FUL BV V97 BK



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 _____

- HEADING _____ TRUE/MAG _____

- AT KTS TRUE/INDICATED
FLIGHT LEVEL OR ALTITUDE :

- FLIGHT LEVEL OR ALTITUDE _____

- WE'RE A P-3 AIRCRAFT WITH _____

SOULS ON BOARD _____

- NATURE OF EMERGENCY

- ASSISTANCE DESIRÉE

- 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
1253	659																				
1255	659																				
1300	A	27-44.5 082-32.6	27-44.3 082-32.6	+2.2 -1.1	27-44.3 082-32.7	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1302	A	27-44.6 082-32.7	27-44.6 082-32.7	+2.2 -1.1	27-44.6 082-32.8	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1304	A	27-44.7 082-32.8	27-44.7 082-32.8	+2.2 -1.1	27-44.7 082-32.9	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1306	A	27-44.8 082-32.9	27-44.8 082-32.9	+2.2 -1.1	27-44.8 082-33.0	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1308	A	27-44.9 082-33.0	27-44.9 082-33.0	+2.2 -1.1	27-44.9 082-33.1	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1310	A	27-45.0 082-33.1	27-45.0 082-33.1	+2.2 -1.1	27-45.0 082-33.2	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1312	A	27-45.1 082-33.2	27-45.1 082-33.2	+2.2 -1.1	27-45.1 082-33.3	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1314	A	27-45.2 082-33.3	27-45.2 082-33.3	+2.2 -1.1	27-45.2 082-33.4	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1316	A	27-45.3 082-33.4	27-45.3 082-33.4	+2.2 -1.1	27-45.3 082-33.5	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1318	A	27-45.4 082-33.5	27-45.4 082-33.5	+2.2 -1.1	27-45.4 082-33.6	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1320	A	27-45.5 082-33.6	27-45.5 082-33.6	+2.2 -1.1	27-45.5 082-33.7	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1322	A	27-45.6 082-33.7	27-45.6 082-33.7	+2.2 -1.1	27-45.6 082-33.8	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1324	A	27-45.7 082-33.8	27-45.7 082-33.8	+2.2 -1.1	27-45.7 082-33.9	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1326	A	27-45.8 082-33.9	27-45.8 082-33.9	+2.2 -1.1	27-45.8 082-34.0	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1328	A	27-45.9 082-34.0	27-45.9 082-34.0	+2.2 -1.1	27-45.9 082-34.1	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1330	A	27-46.0 082-34.1	27-46.0 082-34.1	+2.2 -1.1	27-46.0 082-34.2	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1332	A	27-46.1 082-34.2	27-46.1 082-34.2	+2.2 -1.1	27-46.1 082-34.3	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1334	A	27-46.2 082-34.3	27-46.2 082-34.3	+2.2 -1.1	27-46.2 082-34.4	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1336	A	27-46.3 082-34.4	27-46.3 082-34.4	+2.2 -1.1	27-46.3 082-34.5	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1338	A	27-46.4 082-34.5	27-46.4 082-34.5	+2.2 -1.1	27-46.4 082-34.6	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1340	A	27-46.5 082-34.6	27-46.5 082-34.6	+2.2 -1.1	27-46.5 082-34.7	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1342	A	27-46.6 082-34.7	27-46.6 082-34.7	+2.2 -1.1	27-46.6 082-34.8	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1344	A	27-46.7 082-34.8	27-46.7 082-34.8	+2.2 -1.1	27-46.7 082-34.9	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1346	A	27-46.8 082-34.9	27-46.8 082-34.9	+2.2 -1.1	27-46.8 082-35.0	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1348	A	27-46.9 082-35.0	27-46.9 082-35.0	+2.2 -1.1	27-46.9 082-35.1	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1350	A	27-47.0 082-35.1	27-47.0 082-35.1	+2.2 -1.1	27-47.0 082-35.2	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1352	A	27-47.1 082-35.2	27-47.1 082-35.2	+2.2 -1.1	27-47.1 082-35.3	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1354	A	27-47.2 082-35.3	27-47.2 082-35.3	+2.2 -1.1	27-47.2 082-35.4	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1356	A	27-47.3 082-35.4	27-47.3 082-35.4	+2.2 -1.1	27-47.3 082-35.5	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1358	A	27-47.4 082-35.5	27-47.4 082-35.5	+2.2 -1.1	27-47.4 082-35.6	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1400	A	27-47.5 082-35.6	27-47.5 082-35.6	+2.2 -1.1	27-47.5 082-35.7	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1402	A	27-47.6 082-35.7	27-47.6 082-35.7	+2.2 -1.1	27-47.6 082-35.8	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1404	A	27-47.7 082-35.8	27-47.7 082-35.8	+2.2 -1.1	27-47.7 082-35.9	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1406	A	27-47.8 082-35.9	27-47.8 082-35.9	+2.2 -1.1	27-47.8 082-36.0	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1408	A	27-47.9 082-36.0	27-47.9 082-36.0	+2.2 -1.1	27-47.9 082-36.1	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1410	A	27-48.0 082-36.1	27-48.0 082-36.1	+2.2 -1.1	27-48.0 082-36.2	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1412	A	27-48.1 082-36.2	27-48.1 082-36.2	+2.2 -1.1	27-48.1 082-36.3	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1414	A	27-48.2 082-36.3	27-48.2 082-36.3	+2.2 -1.1	27-48.2 082-36.4	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1416	A	27-48.3 082-36.4	27-48.3 082-36.4	+2.2 -1.1	27-48.3 082-36.5	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1418	A	27-48.4 082-36.5	27-48.4 082-36.5	+2.2 -1.1	27-48.4 082-36.6	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1420	A	27-48.5 082-36.6	27-48.5 082-36.6	+2.2 -1.1	27-48.5 082-36.7	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1422	A	27-48.6 082-36.7	27-48.6 082-36.7	+2.2 -1.1	27-48.6 082-36.8	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1424	A	27-48.7 082-36.8	27-48.7 082-36.8	+2.2 -1.1	27-48.7 082-36.9	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1426	A	27-48.8 082-36.9	27-48.8 082-36.9	+2.2 -1.1	27-48.8 082-37.0	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1428	A	27-48.9 082-37.0	27-48.9 082-37.0	+2.2 -1.1	27-48.9 082-37.1	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1430	A	27-49.0 082-37.1	27-49.0 082-37.1	+2.2 -1.1	27-49.0 082-37.2	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1432	A	27-49.1 082-37.2	27-49.1 082-37.2	+2.2 -1.1	27-49.1 082-37.3	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1434	A	27-49.2 082-37.3	27-49.2 082-37.3	+2.2 -1.1	27-49.2 082-37.4	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1436	A	27-49.3 082-37.4	27-49.3 082-37.4	+2.2 -1.1	27-49.3 082-37.5	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1438	A	27-49.4 082-37.5	27-49.4 082-37.5	+2.2 -1.1	27-49.4 082-37.6	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140	1350	125#1 P21
1440	A	27-49.5 082-37.6	27-49.5 082-37.6	+2.2 -1.1	27-49.5 082-37.7	+2.2 -1.1	100	QW	096	1L	095	212	185	10	1700	204	981	145	140		

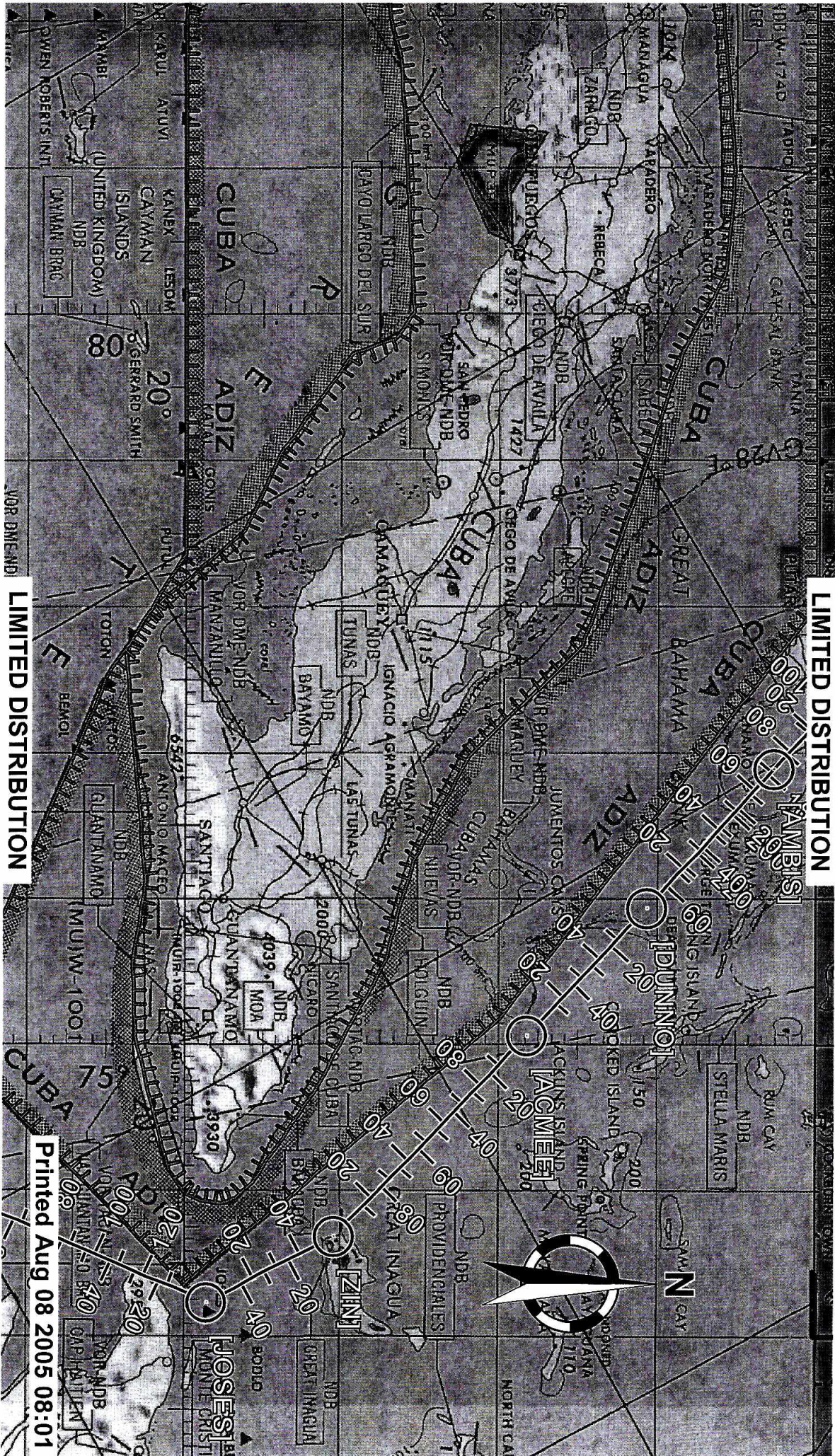
DATE OF TAKEOFF

[illegible]

050808I Flight Notes - Tom Shepherd

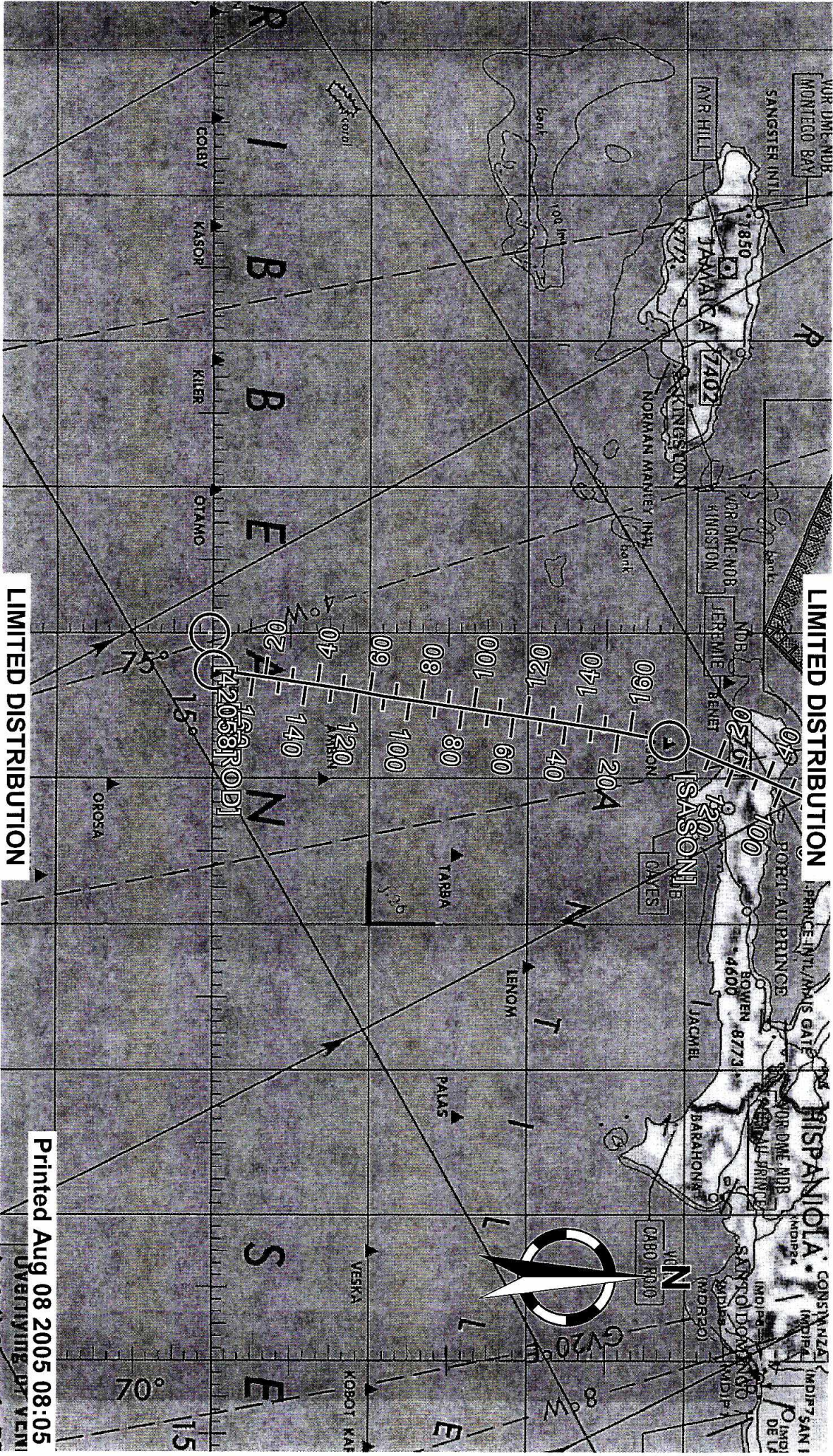
TIME	LAT	PS	SP	TA	TD	TK	RA	WD	WS	WZ	Comment
130922	27.50.04	-82.32.16	1006.5	2358.7	24.1	220.5	186.4	186.4	2.6	.2	Block out 1256Z
130945	27.49.02	-82.32.76	995.8	1757.6	23.1	186.1	5313.0	242.2	4.9	-5	Take off 1309Z
132622	27.26.52	-81.29.40	573.3	1004.9	.1	-3.6	122.5	4759.0	208.0	1.8	FL150; ovr land
135235	26.21.24	-79.38.16	526.7	1010.5	-3.1	122.1	155.9	5503.0	182.8	5.5	Feet wet now; FL170
135931	25.57.00	-79.17.16	526.9	1011.5	-3.7	131.2	5499.0	209.3	4.2	-3	Wnds ~10 kts or less @ sfc.
143821	23.51.60	-76.53.82	527.3	1012.2	-3.1	172.2	134.1	5505.0	212.1	3.2	Bkn w/ Ci abv
151741	21.42.90	-74.31.32	483.3	1010.4	-6.0	24.5	133.5	6209.0	215.8	7.2	FL190 now; sct blo
155608	19.15.72	-73.38.16	483.3	1008.8	-5.3	28.0	203.1	6210.0	154.7	6.5	Now around Cuba; hdg for buoy
162421	17.9.48	-74.23.70	488.2	1009.0	-5.0	30.2	193.8	6130.0	129.8	9.5	Now operational; down to 20k RA
164756	15.21.00	-75.2.40	491.2	1006.9	-4.2	32.9	170.5	6073.0	124.9	10.0	Trk 170; inbnd on 1st (only) pass at 20K RA
165229	15.0.12	-74.59.64	491.0	1006.5	-4.1	33.9	172.2	6075.0	124.2	10.8	Just marked buoy, slightly to right
165507	14.48.12	-74.58.02	490.9	1007.0	-4.3	36.3	172.3	6076.0	122.4	11.5	End 20k leg; begin descent to 10K
165741	14.37.50	-74.58.32	596.2	1007.2	5.6	11.5	249.7	4516.0	85.5	7.2	
165746	14.37.38	-74.58.68	600.5	1007.0	6.1	12.1	259.0	4458.0	89.3	7.6	
165750	14.37.38	-74.59.04	603.9	1007.0	6.5	12.9	266.5	4412.0	93.6	8.2	
170007	14.45.60	-75.1.02	710.6	1008.3	14.2	11.0	30.0	3053.0	88.5	8.9	Turn to trk 350; continue descent
170010	14.45.72	-75.0.90	710.6	1008.3	14.2	11.1	30.0	3053.0	87.8	8.8	
170042	14.47.58	-74.59.82	711.7	1008.4	14.2	12.9	30.0	3040.0	88.7	9.7	10 K; turn to trk 350
170124	14.50.28	-74.59.58	711.5	1008.4	14.1	-6.0	350.1	3044.0	87.3	9.4	
170131	14.50.76	-74.59.70	711.4	1008.0	14.2	-3.7	350.0	3044.0	86.7	8.7	Begin orthogonal pass at 10K RA
170325	14.58.50	-75.1.14	711.4	1008.8	13.7	-4.7	349.2	3046.0	87.6	11.0	Mark buoy
170600	15.9.30	-75.3.12	711.3	1008.7	13.6	-1.0	350.0	3048.0	89.1	9.6	End 10K orthog. leg
171110	14.56.94	-75.18.60	711.6	1008.3	14.4	-4.8	174.3	3046.0	87.9	8.5	Coming left to trk 080
171342	14.58.50	-75.10.32	711.6	1008.5	13.9	-3.7	78.7	3043.0	82.5	9.9	Begin inbound into wnd 10K
171549	14.59.88	-75.2.10	711.4	1008.7	13.6	-1.3	79.9	3045.0	92.4	9.9	Mark buoy slight to right of track
171910	15.1.98	-74.49.08	745.7	1009.9	14.5	4.6	81.2	2646.0	87.3	11.6	End leg @181825Z; begin descent to 5K RA
172211	15.0.00	-74.52.08	851.9	1011.6	19.4	13.7	290.3	1509.0	97.2	15.4	Now at 5K RA
172230	15.0.36	-74.53.40	851.9	1011.6	19.1	14.4	281.6	1508.0	96.2	15.8	Now trk 265
172303	15.0.60	-74.55.80	851.8	1011.4	19.7	13.3	272.8	1509.0	94.8	15.7	Now trk 273 for clouds
172421	15.0.84	-75.1.56	851.7	1011.4	19.5	13.8	273.5	1510.0	101.1	15.1	Mark buoy abt 2 mi to left of trk
172658	15.1.44	-75.13.32	851.9	1011.3	19.3	17.6	273.5	1509.0	101.1	15.1	End downwind leg at 5K
173514	14.48.66	-74.59.58	851.7	1011.1	19.8	12.3	350.8	1508.0	97.7	14.8	Begin orthogonal leg at 5K RA
173752	14.58.74	-75.1.32	851.6	1011.2	19.9	12.6	348.9	1510.0	95.2	14.2	Mark buoy
174032	15.8.88	-75.3.42	851.6	1011.5	19.5	13.1	348.7	1512.0	93.6	14.3	Begin descent to 1500
174541	15.0.96	-75.10.92	960.2	1010.7	25.3	23.3	86.0	456.0	78.2	11.8	Begin only 1500 ft pass into wind
174827	15.0.06	-75.1.74	960.4	1010.7	25.4	22.9	84.7	454.0	84.6	11.3	Mark buoy ~2 mi to right of trk; drop BT
175102	15.1.86	-74.53.46	960.1	1010.9	25.3	22.5	84.4	458.0	84.5	12.8	End 1500 ft leg; climb; RTB
182236	17.15.30	-74.24.72	407.8	1009.8	-14.5	-36.0	11.4	7515.0	141.7	9.5	FL230
185038	19.33.12	-73.30.78	407.8	1318.2	-14.8	-30.8	23.5	9976.0	154.6	11.2	FL230; 700 mi to go.....
190354	20.34.86	-73.29.46	391.1	1008.6	-17.2	-26.7	318.3	7790.0	172.6	12.1	Just switched to APN-232
205649	26.59.28	-81.25.44	390.4	998.1	-17.7	-20.9	309.3	7727.0	305.9	4.1	Almost to KMCF; abt 75 mi out
211916	27.51.36	-82.30.90	1015.2	1015.3	30.9	40.0	220.7	1.0	169.2	3.3	Land
212738	27.50.94	-82.29.58	1014.3	1014.4	30.9	23.5	334.4	1.0	173.1	2.3	Block in

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