19980923I1-FD1R

HURRICANE GEORGES (RECCO, OPA LOCKA - MACDILL AFB)

Flight 4 980923I N43RF

DATA TYPE	SENSOR or OPTION
INE	2
Accelerometer	1
Temperature Probe	1
Altitude (for vertical wind)	RA APN-159
Static Pressure	Fuselage
Dynamic Pressure	Fuselage
Dewpoint Probe	1

Notes:
Aircraft INE #2 positions were renavigated with respect to GPS.

APN-159 radar altimeter spikes before take off and after landing were removed and patched with APN-232 altitudes.

Rosemount Attack Pressure (radome sensor) froze from 0440z - 0530z.

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SPECIAL NOTE!!! Locations 80, 81 and 82 of record five on the standard tape contain vertical ground, vertical air and vertical wind speeds, respectively, derived from Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

	Takeoff	Landing
Aircraft static pressure	1009.1 mb	1011.2 mb
Corrected tower pressure	1009.0 mb	***** mb

Flight Director: Jack Parrish, (813) 828-3310 ext. 3077

21453f 062930

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.1 OAOWF1 FILE

FLT ID: 980923I	FM: KOLF	TO: KMCF
FLT NO: 98-24	BLK IN: 0630	ATA: 0620
ETD: 22Z	BLK OUT: 2142	ATD: 2151
ETE: 9.5	BLK TIME: 8.52 (8.9)	FLT TIME: 8.29 (8.5)
SPONSOR ORG: NHC	PROGRAM: RECCO	PURPOSE: W. Georges RECCO

OAO PERSONNEL

AC Tennesen ✓	SYS ENG Lynch ✓
CP O'Mara ✓	DATA SYS Horsbrook ✓
NAV Strong ✓	RADAR
FE Moore Wade ✓	BT/ODW ~~Lynch~~ Smith ✓
RADIO Sans Souci ✓	CLD PHYS
FD Parrish ✓	~~BUFFER~~ Closser

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Evans, Dan ✓	Visitor	NOAA OAR
Cavanaugh, J. ✓		
Dodge, P. ✓		

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

NOAA3 1507A GEORGES 00.03, 06Z FIXES DARK sunset
ETA 24/0020Z. 0026 CPA ON S SIDE OF CENTER.
0042Z. CARCAH SENT US TO NE SIDE OF CUBA.
FLEW 6 CPAs ON GEORGES, 2 S OF CENTER, 4 N. OF CENTER.
FIX 0026Z CPA 19°39'N, 74°56'W 999 mb
FIX 0057Z CPA 19°40'N, 75°05'W 999 mb
FIX 0141Z CPA 21°01'N, 75°11'W 997 mb
FIX 0229Z CPA 21°08'N, 75°22'W 998 mb
FIX 0345Z CPA 21°13'N, 75°27'W 998 mb
FIX 0429Z CPA 21°25'N, 75°55'W 999 mb
6 Penetrations Georges N.D.

OAA FORM 59-4
-72)

980923I N. GEORGES RECCE

Time	LAT	LON	TK	WD	WS	PA	GA	TA	TD	SA	PS	RD			
2142	2554.6	8016.4				36		30.6	23.5		1006.8		BLK		
215530	2553.5	8001.5	105	41	7.4	2298	1371	20.3	14.2	1010.9	832	↑			
221645	2512.9	7841.0	133	41	10.8	4624	4883	2.3	-15.6	1006.9	567.8	-15K			
2231	2429	7749	132	52	15.5	4624	4873	3.0	-18.0	1004.1	567.9				
225045	2330.2	7635.6	132	56	27.5	4622	4868	3.6	-23.1	1003.1	568.0				
232030	2156.6	7459.3	132	48	47.7	4627	4843	2.2	-1.5	998	567.8				
2358	2012	7340	180	179	60.6	1523	1528	18.2	13.6	1004	843	-5K			
0025	1939	7455													
0026	1959	7456		CPA		999 mb						CPA			
004200	1939	7559	231	304	29.6	1561	0554	18.4	17.2	1002.2	839	ATTACH MOVES US N			
005630	1940	7505	81	260	30	1554	1517	18.3	17.9	999	843	OFF CPA			
010615	1952	7421	74	193	56	1682	1682	16.6	15.9	1003.4	827				
0115	2001	7345	77	191	56	1541	1555	19.7	14.8	1004.7	841.4				
0141	2101	7511								997		CPA			
0157	2134.4	7619	298	58	41	1533	1550	19.2	16.0	1004.5	841.9				
020415	2141.6	7622.4	118	57	40	1540	1558	19.0	16.0	1004.7	841.6				
0217	2130	7557	121	58	42	1536	1536	19.7	15.8	1002.8	841.6				
0229	2108	7522		95	45					998		CPA			
0247	2118	7423	80	161	60.3	1545	1556	18.9	16.7	1005	841				
030430	2147	7352	327	163	46	1629	1675	16.5	16.0	1009.2	832.4				
0340	2130	7531.6	175	90	57.7	1632	1618	18.4	17.5	1000.8	832.3				
034515	2113	7527	121	116	43.5	1629	1601	18.8	17.1	998	832	E OF CPA			
0400	2050	7444	119	157	56	1631	1625	20.0	15.1	1000.9	832				
041230	2053.8	7442.7	294	166	55	1630	1628	19.7	15.0	1001.6	832				
0429	2125	7555	CPA							999		CPA			
0454	2258	7708	322	66	54	6739	7133	-10.5	-19.0	998.9	426				
0523	2452	7852	312	97	12.1	6740	7156	-11.2	-36.9	1004.5	425.8				
054715	2617	8039	311	326	1.4	6742	7141	-11.7	-34.7	1004.5	425.7				
060045	2703.3	8139.6	312	5	8.7	5952	6262	-5.0	-28.4	1000.8	480	↓			
0630	2751	8229.6				17		25.9	19.8		1011.2	BLK			

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