

19980924H1-FDIR

Hurricane Georges Recco Flight #2

Flight #14 H980924

<u>Sensor or system</u>	<u>Number or Name</u>
INE	2
Accelerometer	2
Temperature Probe	2
Dew Point Probe	1
Altitude (for vertical wind)	RA-159
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage
Time Source	Micro 99
Constants File	CO2989.CON

Notes:

The radar altimeter (RA159) had a spike at takeoff and was replaced by RA232 from 0752:31-0802:26. There were several dips in RA159 due to overflying land 1224:00-1226:00 (Cuba). Several spikes in RA159 were removed and patched throughout the flight (0908:00-0908:30, 1029:00-1030:00, 1151:30-1152:00, 1201:00-1201:30, 1215:30-1216:30, 1243:00-1243:30, 1407:30-1408:30, 1424:30-1425:00(2), 1432:30-1433:00, 1438:00-1439:00, 1629:00-1629:30, and 1630:00-1630:30). A spike also occurred just prior to landing and RA159 was set to zero (1633:44-1643:00).

Dewpoint temperature (DW1) exceeded ambient temperature (AT2) several times due to heavy precipitation.

	<u>Takeoff</u>	<u>Landing</u>
Aircraft static pressure	1009.7	1012.3
Corrected tower pressure	1009.2	1013.9

The aircraft INE positions were renavigated with respect to GPS.

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

Flight Meteorologist: Stan Czyzyk, (813) 828-3310 ext. 3086

413-50

[illegible]

U.S. DEPT. COMM. / NOAA / OAO - DATA SECTION WORK FORM NO. 1 OAO WF1 FILE

FLT ID: 980924H	FM: KOPF	TO: KTPA
FLT NO: 98-080	DLK IN: 1643Z	ATA: 1634Z
ETD: 08Z	DLK OUT: 0752Z	RTD: 0800Z
ETE: 17Z	DLK TIME: 8.51 8.9	FLT TIME: 8.34 8.6
SPONSOR ORG: NOAA/NHC	PROGRAM: RECCO	PURPOSE: HURR. GEORGES

OAO PERSONNEL

AC PHILIPPSBORN, R ✓	SYS ENG ROLES, J ✓
CP KENN, P / TAGGART, B ✓	DATA SYS CARPENTER, D ✓
NAV RATHBUN, D ✓	RADAR
FE TORREY, R ✓	DT/ODW BARR, J ✓
RADIO ROGERS ROGERS, M ✓	CLD PHYS
FD C2724K, S ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
BLANK, M ✓	P.I.	HRD
LEIGHTON, P ✓	SCIENTIST	"
HUNGERFORD, P ✓	"	"
POPSTEFANIS, J ✓	SCOP/USAR	QUADRANT
COOPER, M ✓	MEDIA	CBS
HOOPER, D ✓	"	CBS
RAINEY, R ✓	"	CBS

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NIHOP #)
 KING LW DEAD, LYNN-ALPHA DEAD

5 PENETRATIONS

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OROWF2

FLT ID: 980924H

TIME OFF: 0800Z

TIME ON: 1634Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1009.7	29.82	1012.3	29.94

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	2	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES	1	
AXDT	5	
AXCP		
ODW		
GPS		

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

2117 7607

- PILOT INTER
- WE HAVE

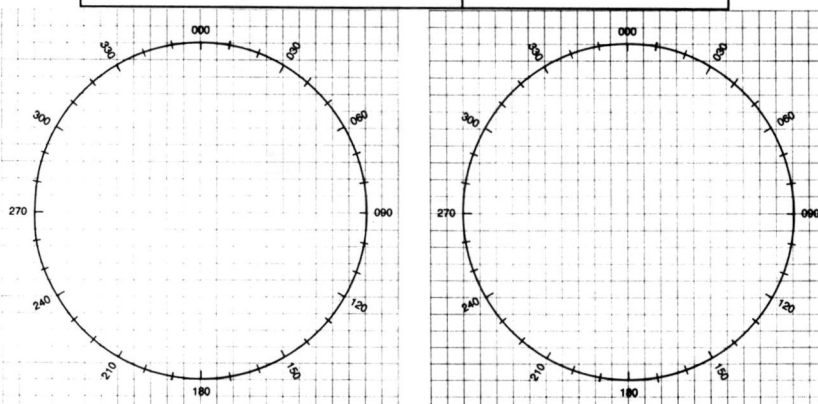
[illegible]

23 30
80 30

OTHER

2 772 0,9

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 _____, 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]

