HURRICANE BONNIE (SYNOPTIC FLOW, BERMUDA - OPA LOCKA)

Flight 3   980823I   N43RF

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

Notes:

Aircraft INE #1 positions were renavigated with respect to GPS.

Dewpointer #1 unusable for large portions of the flight. Dewpoint temperature execeeded ambient temperature several times during the descent into Opa Locka.

APN-159 radar altimeter spikes after landing were removed and patched with APN-232 altitude values.

Radome attack pressure, slip pressure, and dynamic pressure (not used in wind calculations) froze· late in flight due to radome icing.

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	1015.6 mb	1012.9 mb
Corrected tower pressure	1016.5 mb	***** mb

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