

19891014I - FDIR

T.S. JERRY ODW

FLIGHT #1 891014I N43RF

TYPE OF DATA	SENSOR OR OPTION
INE	1
Accelerometer	1
Temperature probe	1
Altitude change option (for vertical winds)	RA
Static pressure	Rosemount fuselage
Dynamic pressure	Rosemount fuselage
Time source	Micro 29
Constants file	C03893.CON

Notes:

There were no data/time gaps.

Total temperature one, TT1, did behave erratically when the aircraft encountered precip. During the time frames, 113101Z - 113741 and 114031Z - 114707Z the TT1 values were replaced with TT2 values.

The dewpoint sensor, TW1, behaved very erratically throughout most of the flight. This flight director attempted to balance/calibrate the dewpoint sensor during the following two time frames,

081001Z - 081600Z  
082401Z - 082800Z

The spikes generated by the calibration were removed and patched over. Ironically the dewpoint sensor appeared to behave well when the aircraft encountered precip.

The aircraft positions were re-navigated with respect to good LORAN-C positions.

	Take off	Landing
Aircraft static pressure	1016.3mb	1015.9mb
Corrected tower pressure	1016.1mb	1016.2mb

Flight meteorologist: A. BARRY DAMIANO