

19860901HI-FDIR

CLEAR AIR ODW MISSION

FLIGHT #1 880901H N42RF

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	CO2885.CON

Notes:

There was one data gap during the flight and it occurred from

190721Z - 190750Z

Numerous spikes in Rosemount static pressure were removed at or between

200400Z
201600Z
202000Z - 202800Z
204030Z
211100Z - 212600Z
214530Z
223130Z
225200Z - 230700Z
231300Z - 232000Z
012800Z - 013300Z
013700Z - 014200Z
014900Z
021600Z

The dynamic slip pressure parameter, DBP, had spikes removed between

011600Z - 011800Z

Aircraft positions were not renavigated since the terminal errors were less than three nautical miles. There was no LORAN-C available due to hardware problems.

	Take off	Landing
Aircraft static pressure	1016.2mb	1017.5mb
Corrected tower pressure	1015.8mb	1017.6mb

Flight meteorologist: A. BARRY DAMIANO

FLT ID: 88090114	FM: KMIA	TO: KMIA
FLT NO: 88-52	BLK IN: 0446	ATA: 0443
ETD: 18Z	BLK OUT: 1839	ATD: 1849
ETE: 10 11	BLK TIME: 0:07	FLT TIME: 9:54
SPONSOR ORG: NRD	PROGRAM: ODN	PURPOSE: Satellite Comparison

ORO PERSONNEL

RC	Eilers ✓	SYS ENG	Taylor ✓
CP	Caydon ✓	DATA SYS	Coates ✓
NAV	Sectetan ✓	RADAR	Hawcliff ✓
21		BT/ODW	Thompson ✓
FE	Monroe / Wade ✓	CLD PHYS	
RADIO		DOPPLER	
FD	Farrish ✓		

PARTICIPATING SCIENTIST/VISITORS/ODA

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
31 Franklin, James ✓	P.I.	HED
Marks F. ✓	ODW	HED
Kaplan, I. ✓	ODW	HED
8		
9		
10		

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

PROPOSED/ACTION MISSION/REMARKS FREIGHTERS, STORES, CANNED, KNIVES,
NO (OCAN) aboard. Short delay for 43 engine problem
- 2100. changed ASIDE header for oxygen. Test by oxidizer pump (in KIT)
Early in flight noticed 10" drift in inertials. This did not carry later
- Mission mostly as planned - a few "dips" due to
insufficient sondes

ACT 30.07 SP 1015.6
1017.9 F-500

30 1015.2 fm 1213/

100/10
30/5

20 1046 TM 09/24
38

P 10.5. 1218

FRIISK OG LB

FLT ID:

TIME OFF:

TIME ON:

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE		CAL LAB 1016.0		
DATA	NO	DATA DISPOSITION/DATE/QUALITY		
1/SEC FLT LVL TAPES	1			
FAST FLT LVL TAPES				
RADAR TAPES	5	HFD		
DOPPLER TAPES				
ODW CASSETTES				
HARD COPIES	2			
RXBT				
RXCP				
ODW	27	4 bed		

PHOTOGRAPHY

	FWD	LS	RS	VERT	
ON					
OFF					
RATE					

REMARKS