

DATE 08/14/85

FLIGHT 19850814FI-00PH OPERATOR R. BLACK

2-D Knollenberg Data Tape Log

Tape #	EOF #	Time On	Time Off	Comments
1	1 EOF 144742	144659	144742	PMS TAS SLAVING BAD
		150603		T-1.2 on at 1500 M
	1 EOF		150827	TAS 125 M S ⁻¹
		151400		Cloud base 151400
	1 EOF		151811	152223 turn near center,
		163850		in rain. TRK 358°
			164032	
2		164032		drive #2
	1		164112	
	1	165700 165615	165718	in rain (missed it)
	1	170355	170503	light precip, cloud
	1 EOF	173105	173325	light cloud TRK 138 @ 1731Z
	1 EOF	171520	175209	light cloud TRK 138 MISSED.
		175252	175809	" , light rain.
3		175809	181027	175840 - heavy rain
4	1 EOF	181027	181346	peak wind 27 M S ⁻¹
		181745	182428	182240 wind 29 M S ⁻¹
				thats it.

Cloud Physics Project Scientist Operational Checklist

DATE 8/14/85 AIRCRAFT 43 RF FLIGHT 850814I

A. INSTRUMENT STATUS AND PERFORMANCE

System	Preflight	Inflight	Down time	#Tapes/data units
Johnson-Williams (JW)	OK			
PMS probes				4 tapes
2D-P	—			
2D-C	?	SEE NOTE		
FSSP	?	OK	NONE	
DAS	OK			
Display(s)	OK			
Formvar	—			
Nimbiometer	—			
Lyman-Alpha	—			
U.V.	—			
Dew Point	—			
CO ₂ Radiometer	—			
Microwave Radiometer	—			
Ice Particle Counter	—			
Mee	—			
ERT	—			
Aerosol	—			
Filters	—			
Bulk-Water	—			
INC	—			
CCN	—			

B. REMARKS 2D-C HEALTH IS POOR. MANY CLEAR-AIR
UPDATES, BAD TIME BARS, BAD DIODES.