

19810912I - CLD PMY

Form J-2 Cloud Physics Project Scientist Operational Checklist

DATE 9/12/81

AIRCRAFT 43RF

FLIGHT 810912I

A.

INSTRUMENT STATUS AND PERFORMANCE

	PreFlight	InFlight	PostFlight	Remarks	Data Units Collected
Johnson Williams	✓	✓	✓		
Nimbicometer	—	—	—		
Lyman Alpha	—				
U. V.	—				
dewpoint	—				
Foil Impactor	—	—	—		
Formvar	—	—	—		
Knollenberg					3 tapes
Raindrop	✓	✓	✓		
Cloud Droplet	✓	✓	✓		
FSSP	OUT/NA	—	—		
Data System & Displays	✓	✓	✓		
Ice Particle Counter	—				
Mee	—				
ERT	—				
CO ₂ Radiometer	—				
Microwave Radiometer	—				
Aerosol	—				
Filters	—				
Bulk Water	—				
INC	—				
CCN	—				

B.

REMARKS

Primary tape drive failed to operate properly.

PMS - FORMVAR LOG

DATE 9/12/81

FLIGHT 810912I PAGE OF

CLOUD PHYSICS OPERATOR R. A. BLACK

KNOLLENBERG		FORMVAR			FRAME COUNT AT START
TAPE #	AND EOF TIMES	ROLL #	TIME ON	OFF	
1	on 165800				
11	on 90230				
PR #2	91121		out of storm eye.		
	off 94419				
2	on 94609		HDB 141° TAS 116.0		RA1517 T 17°C
	off 95240				
3	on 113800		inbound, no cloud pen.		T 19.3°C, RA 1500m
	EOF 114519				
	on 115219		outbound 300m RA, T		24.3°C TRK 2
	off 121800				

NOTES

tapes didn't record properly. restarted system as time was off by 8 hrs.

9:08 Knollenberg system won't record data

91121 tape 2 recorder works.