

19810817 I - CLDPHY.

Form J-2 Cloud Physics Project Scientist Operational Checklist

DATE 810817

AIRCRAFT 43RF

FLIGHT 810817 I

A.

INSTRUMENT STATUS AND PERFORMANCE

	PreFlight	InFlight	PostFlight	Remarks	Data Units Collected
Johnson Williams	OK	OK	OK		
Nimbliometer	N/A				
Lyman Alpha	N/A				
U. V.					
dewpoint					
Foil Impactor	N/A				
Formvar	N/A				
Knollenberg					
Raindrop	?	??	?		
Cloud Droplet	OK	OK	OK		
FSSP	N/A				
Data System		OVERHEATED			
& Displays	OK	OK	OK		2 TAPES
Ice Particle Counter					
Mee					
ERT					
CO ₂ Radiometer					
Microwave Radiometer					
Aerosol					
Filters					
Bulk Water					
INC					
CCN					

B.

REMARKS

2D DAS overheated due to lack of A/C
ON AIRCRAFT

PMS - FORMVAR LOG

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CLOUD PHYSICS

OPERATOR R. BLACK

KNOLLENBERG

FORMVAR

TAPE #	AND EOF TIMES	ROLL #	TIME ON	OFF	FRAME COUNT AT START
1, DRIVE #1	103520 114900				
2, DRIVE #2	171420 174325 EDT				

NOTES

no FSSP today on 43 RF 1140 Oblong deflection of 2D images is still present. TAS 120 no A/c. DAS heating

105603 precip probe seems to be clocking too slowly

DAS off 115000

DAS ON 171400 into rain. recording on drive #2 to make sure that it works prior to hurricane reco.

TAS 115 RA 438 m 2D-P clock still needs adjustment but images are better now that DAS has cooled.