

19800807H1-CADPHY

Form J-2 Cloud Physics Project Scientist Operational Checklist

DATE 800807

AIRCRAFT 42RF

FLIGHT 1

A.

INSTRUMENT STATUS AND PERFORMANCE

	PreFlight	InFlight	PostFlight	Remarks	Data Units Collected
Johnson Williams	OK	✓			
Nimbliometer	—	—			
Lyman Alpha	—	—			
U. V.	—	—			
dewpoint	—	—			
Foil Impactor	UP UP	FOIL BROKE			
Formvar	—	—			
Knollenberg				recorder	5 tapes
Raindrop	OK	OK		needed	
Cloud Droplet	OK	OK		work	
FSSP	OK	OK			
Data System	OK	OK			
& Displays	OK	OK			
Ice Particle Counter	N/A				
Mee	—	—			
ERT	—	—			
CO ₂ Radiometer	OK	OK			
Microwave Radiometer	OK	OK			
Aerosol	N/A	N/A			
Filters	—				
Bulk Water	—				
INC	—				
CCN	—				

B.

REMARKS

data sys went OFF line @ about 1810
no data after that point on tape # 2 until 1818
tape drive didn't rewind in a predictable fashion, it
wouldn't stop at the EOT mark on occasion, either.

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PMS LOG

DATA SYSTEM

PMS TIME IS

1.03 ahead of A/C DAS.

ON

OFF

TAPE

ON

OFF

EOF TIMES FARN P. PARUNGO NOTES

#1

FTS # 323-6460 NOAA BOULDER

320 64606202

ON 172345

1st rainband → eyewall

EOF 172700

ON 172855

EOF 1739 (OFF)

#2

ON 180401 leaving eye

2D-C OUT: back in - turning around & around in the eye.

EOF recorder stopped, noticed 181500

181746 recorder back on-line + recording

slate eye went off without my seeing it.

EOF 183230 - marks end of testing - tape unit OK.

off

#3

ON ~~1800~~ 1900

EOF-OFF 191040

#4

} tape drive fucked up again

ON 192911

EOF 193736

ON 202712

in eyewall cloud
in eye

EOT 203140

#5

ON 211120

eyewall - 1st rainband.

EOT 2129

well beyond 1st rainband

#6

ON 223320

rain - we're searching
for a sailboat at low level

2241

- I stopped + rewound this tape - such data has no purpose.

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NOT BY ME

OPERATOR

[illegible]