

19830929 HI-CLOUDPHY

Form 3-2

Cloud Physics Project Scientist Operational Checklist

DATE 29 Sep. 83AIRCRAFT RF 42FLIGHT 830929H

A.

INSTRUMENT STATUS AND PERFORMANCE

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

B.

REMARKS

20906 ElTech said cloud droplet system is down.
 (Searched mirror ...?)

PMS - FORMVAR LOG

DATE 29 SEP. 82 FLIGHT

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CLOUD PHYSICS

OPERATOR ROBERT

KNOLLENBERG

FORMVAR

TAPE # AND EOFTIMES

ROLL #

TIME ON

OFF

FRAME COUNT
AT START

ON: 090000

1 160505

2 111200

ON: 115300 3 122150

4 124253

5 125430 (~ HARPX)

6 130740

Terminated 7 135700

8

NOTES

~ 090100 HDG 080°

MOSTLY ON TOP of STRATUS &
STRATO Cu. SINCE DAYBREAK
~ 0650 L. (@ 1500 ft.)