

19920922I1-CLDPHY

Form E-3
Page 1 of 3

Cloud Physics Project Scientist Operational Check List

Date SEP 22 1992Aircraft N43RFFlight ID 920922I

A. Instrument Status and Performance:

System	Pre-Flight	In-Flight	Downtime	# of Tapes
Johnson-Williams	ok			
PMS probes:	ok			1 DAT
2D-P	ok			
2D-C	ok	BAD?		
FSSP	ok			
Data System	ok			
Recorder	ok			
Formvar	UP			1 roll
DRI Charge Probe	UP			
DRI Field Mills	UP			
King Probe	N/A			

B. Remarks:

TO @ 030700Z

PMS SYSTEM TIME 3 SEC. BEHIND (TIME2D + 3.0 sec = WWV)
file on 04:53:07 RESTARTED 0503ZCloud probe seems to be bad @ 05:11:00 ff. ragged images,
distorted 2 to 1, bad time bars,lightning flash 08:27:-- Z another 08:27:40, 08:27:30
08:28:50, 08:29:20, 08:30:10, 08:32:10

09:00Z: gradual climb to -5 occasional flashes.

Formvar Log

Date SEP 22 1992

Flight 920922I

Operator R. BLACK

Roll #	Time On	Time Off	Frame Count at Start	Comments
1	0930:40	0904:50	30	spd. 1 pass 1
	0923:00	0928:00	1466	good flash 0907:30
93020	0932:00	0932:00	16,600	0920:30 heading in T=-40
094430	0948:50		21,690	spd 6 0923:30 2 mks.
095130	095550		31,793	spd 4 7300 2 mks
10:1050	10:1630		40,122	15,600 auto off spd 1
				spd 4, 2 mks auto on
				20,900 2 auto auto off, spd. 1
				094430 auto on spd 1
				0945 spd 4 2 mks 21,900
				26,100 2 mks 094650
				094850 2 mks, auto off, spd 1
				spd 1 095200
				32,400 095240 spd 4
				37,300 spd 1 auto off, 2 mks
				40,500 2 mks spd 4 10:1050
				101630 ran off end find
				count 52035

m200 DAT 4540
file off - stops recording
file on - starts recording

TINA (T.S.)