

19810910I1-CLDPHY

Form J-2 Cloud Physics Project Scientist Operational Checklist

DATE 9/3/81

AIRCRAFT 42

FLIGHT 810903H

A.

INSTRUMENT STATUS AND PERFORMANCE

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

B.

REMARKS

GEAT

PMS - FORMVAR LOG

DATE 8/09/10

FLIGHT 8109081 PAGE

OF

CLOUD PHYSICS

OPERATOR

Vic WIGGETT

KNOLLENBERG

~~FORMVAR~~

TAPE #	AND EOF TIMES	ROLL #	TIME ON	OFF	FRAME COUNT AT START
Tape # 1	on ~ 2103				
Powerdown	Restart system @ 211600; broad light stayed on ①				
	used ②				
	Eye 215640		TAS 130		RA 1490 m
	2241		299		begin traverse eye wall
	(open eye)				
Tape 2	on 2241				
	Eye open NE-SW.				
	TAS 130 m s ⁻¹				
	Restart @ 2359				
Tape 3	on 2355				
	LVL 4				
	Winds ~ 35 m s ⁻¹				
	off 2409				
Tape 4	on 2410 (0010)				
	Eastbound				
	Thru band				
	N of eye				
	0012-0016				

NOTES

Restart N of eye @ 0049

Lvl 4 @ 0050

Turbulent 0053-0055

Tape 5 on 0055

0111 Turbulence

0150 Turbulence

Tape 6 on Runway

Tape 7 on 0206

Runway

Traverse @ eye wall

Abg 2335

Restart 0209

green dot matrix to black

Pushed from the left

GERT

PMS - FORMVAR LOG

DATE 11 Sep 81

FLIGHT

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CLOUD PHYSICS

OPERATOR

V. Wiggert

KNOLLENBERG

FORMVAR

TAPE #	AND EOF TIMES	ROLL #	TIME ON	OFF	FRAME COUNT AT START
7	on @ 0209 0236 off 0311	4	Mult Turb	Mult Turb	0211
8	on 0310		off 0329		
9	on 0329 0335 0337 @		on Westbound commence climb 1635m ;	then eye to MTD from ~ 1590m mult turbulence	

NOTES