

19790911FI-CLOMNY

Form J-2

Cloud Physics Project Scientist Operational Checklist

Fredric

DATE 7/9/09/11AIRCRAFT C 130FLIGHT 790911 FA. T/O 10542 INSTRUMENT STATUS AND PERFORMANCE

	PreFlight	InFlight	PostFlight	Remarks	Data Units Collected
Johnson Williams	✓				
Nimbrometer	✓				
Lyman Alpha	N/A				
U. V.	✓				
dewpoint					
Foil Impactor	✓				
Formvar	N/A				
Knollenberg 1-D only					
Raindrop					
★ Cloud Droplet	✓				
FSSP					
Data System	✓				
& Displays	✓				
Ice Particle Counter					
Mee	✓				
ERT					
CO ₂ Radiometer	N/A				
Microwave Radiometer					
Aerosol					
Filters					
Bulk Water					
INC					
CCN					

B.

REMARKS

- 1.) 2nd tape time is 27 sec behind AWR's time
 a) for a 1st ~ 5 min of second tape
 corrected at 151700 Z

DATE 09/11/79

FLIGHT 790911F

STORM Fredric

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FOIL MARKED AT SLOT AND COUNTER ZEROED.

OPERATOR

TRANSPORT		COUNTER		TRANSPORT		COUNTER	
DIGITAL TIME (GMT)		(INCHES)		DIGITAL TIME (GMT)		(INCHES)	
ON	OFF	ON	OFF	ON	OFF	ON	OFF
run	T/10	+	every ~5 min	about 5"			
1300	1304	170	271		Head	320	at 21,000
		not transporting correctly, red light on					
1351 ²⁰	1359 ²⁰	276	1210		Head	300	at 21,000
1400 ³⁵	1406	1210	1857		Head	310	at 21,000
1454	1906	1500	2612		Head	214	at 21,000
1526	1529	2641	2999	←	Head	10.	at 21,000 - 7.5C
					south to eye		
1605	1614	3103	4171	←	ferry flight back to eye		
					up for		