

19781005N3 - CLDPHY

C. TRUE

Form J-2 Cloud Physics Project Scientist Operational Checklist

DATE 10/5/78AIRCRAFT NASAFLIGHT 781005N3

A.

INSTRUMENT STATUS AND PERFORMANCE ? HURRICANE "ROSA"

	PreFlight	InFlight	PostFlight	Remarks	Data Units Collected
Johnson Williams					
Nimbicometer					
Lyman Alpha					
U. V.					
dewpoint					
Foil Impactor					
Formvar					
Knollenberg	✓	✓	✓	*	2 TAPES
— 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* ONE DIMENSIONAL PROBE NOT WORKING ON AIRCRAFTEVENT BUTTON I

TAPE ONE 013600

" " 014500

" " 014544 TURBULENCE & ABEAM LARGE CLOUD

(TAPE ONE ON AT 005900)

" " OFF AT 015300

TAPE TWO 020647

" " 023017

" " 024810 CENTER & LAST DROPSNDE RELEASED

(TAPE TWO ON AT 020015)

" " OFF AT 030145

EXCEPT FOR BEING NEAR LARGE CLOUD ON TAPE ONE
IT WAS HOUSEKEEPING DUTIES FOR KNOLLENGER
SINCE STORM WAS VERY POOR AND CLOUD HEIGHT
WAS EXTREMELY LOW. NASA FLIGHT WAS AT 35,000 FT.

MISC.
NOTES

000138 Z

SCATTERED LOWER
CLOUDS

PA 31,021

TAS 469

LAT 25-56.3 N

LONG 115-13.2 W

9 MINS. PRIOR TO
FIRST DROPSNDE

001308 Z

LAUNCHED 1ST

DROPSNDE

HDG 137°

003526 Z

LOW CLOUD COVER
BUT ALMOST SUND

004600 Z

AT WAVE PT. 1