mission TO WX93A Bill3 ...

contacted.

10010		Radar Scientist								
Flight	ID O	90819I1 Storm Name H. Bill								
Radar	Scient	ist S. Murillo Radar Technician Bobby Peak								
on his/	her assi	pard radar scientist is responsible for data collection from all radar systems igned aircraft. Detailed operational procedures and checklists are contained r's manual. General supplementary procedures follow. (Check off or initial.)								
Preflig	ght									
84	1.	Determine the status of equipment and report results to the lead project scientist (LPS).								
84	2.	Confirm mission and pattern selection from the LPS.								
84		Select the operational mode for radar system(s) after consultation with the LPS.								
84	4.	Complete the appropriate preflight calibrations and check lists as specified in the radar operator's manual.								
In-Fli	ght									
84	1.	Remind the AOC data technician to start the radar capture files.								
84	2.	Operate the system(s) as specified in the operator's manual and as directed by the LPS or as required for aircraft safety as determined by the AOC flight director or aircraft commander.								
84	3.	Maintain the Radar Scientist's form as well as a written commentary in the radar logbook of tape and event times, such as the start and end times of F/AST legs. Also document any equipment problems or changes in R/T, INE, or signal status.								
Post f	light									
84	1.	Complete the summary checklists and all other appropriate forms.								
84	2.	Obtain from the AOC data technician all radar tapes and give him a thumbnail drive to download the radar capture files.								
84	3.	Brief the LPS on equipment status and turn in completed forms, the thumbnail drive, and all radar tapes to the LPS. [Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.]								
801	4.	Debrief at the base of operations.								
84	5.	Determine the status of future missions and notify MGOC as to where you can be								

HRD Radar Scientist Check List

Fligh	nt ID:	P818I1		
Rada	ar Operators:	s. Murilla	5	
Rada	ar Technician:	Bobby	Peak	
	iber of DAT ta			
Component Systems				
Device	Pre-flight	In-flight	Post-flight	R/T Serial #
Radar Computer	7	1	V	
DAT drives	1	1	V	
ower Fuselage antenna	1	1	1	
Cail Antenna	1	1	1	
Time correc	ction between r	adar time an	nd digital time:	
	Radar Pos	t flight Sum	nmary	
Number of DAT tapes used	d:			
Significant down time:				
Radar Computer _		Rad	lar LF 800	log
DAT drives				eventlag
Other Problems:				
heradar was up	and down !	10001-01	16. CV-141	Rally + 111
the radar was up	dar tech)	could not	pin pint.	the moblem
			facility bout	1. 6 10000114

HRD Radar Event Log

Flight ID 990819 I Storm Na	ame Bill	Sheet of
Radar Scientist S. Murillo	Radar Technician	Bobby Peak
LF RPM	TA RPM	
7 1 1 4 4 4 4 4 4 5 5 5 6 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8		pangas of radar equipment status)

(Include start and end times of recording as well as times of F/AST legs and any changes of radar equipment status)

Tape #	F/AST On?	Event Time (HHMMSS)	Event						
		01966	take off from Barbados @073846 To						
		075212	radar started recording 0752						
		084308	etp						
		085915	reset LF						
		090948	resset UF						
		110315	rest UT						
		124312	ruset radiars						
		1240	reset radars						
		1340	recording stopped						
		151724	P-3 landed						
4	Control of the Contro								

Doppier willia parameters

Doppler flight-leg notes (for use in automatic QC and analysis) FLIGHT ID: ゆうももり ユュ Scientist: ら、Mucillo stkulate													
Leg Start	Leg End	Storm N			Center Fix		Max Radius (km)	Horz. Res (km)	Inbound track	Outbound track	ja?	Angle check?	Sent?
Time	Time	Degrees	Knots	Time HHMMSS	Latitude (Deg/Min)	Longitude (Deg/Min)	49/98/147/196	1/2/3/4	Azimuth (deg)	Azimuth (deg)	H/TS	(Y/N)	(Y/N)
084254	094101	295	13	092302	77.92	55.01	17196	4	43	45	H	N	Y
101920	110451	300	19	1040	1808N	SS,22W	196	4	134	136	H	N	Y
111946	120622	310	12	1141	1812) N	55 17'W 55.45	196	4	272	272	14	N	Y
124012	1320/2	301	14	030	1829	55 So.	190	4	0	1	H	N	y