Radar Scientist 110728H1 Flight ID_1/078H1 Storm Name TS DON Radar Scientist Gamache Radar Technician Joe Bosko The on-board radar scientist is responsible for data collection from all radar systems on his/her assigned aircraft. Detailed operational procedures and checklists are contained in the operator's manual. General supplementary procedures follow. (Check off or initial.) Preflight Determine the status of equipment and report results to the lead project scientist (LPS). Confirm mission and pattern selection from the LPS. Select the operational mode for radar system(s) after consultation with the LPS. Complete the appropriate preflight calibrations and check lists as specified in the radar operator's manual. In-Flight 1. Remind the AOC data technician to start the radar capture files. 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. ____ 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 flight 1. Complete the summary checklists and all other appropriate forms. __ 2. Obtain from the AOC data technician all radar tapes and give him a thumbnail drive to download the radar capture files. 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.]

Determine the status of future missions and notify MGOC as to where you can be

4.

____ 5.

Debrief at the base of operations.

contacted.

HRD Radar Event Log

Flight ID 28 1 10728 H Storm Nan Radar Scientist Gamache	me	Radar Technician_		Sheet L Bosko	of
LF RPM 2		_			

(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
		195505	T/0
		Shorth ofter	Besin Recording
		2035	Rodar Jown
		204420	Roder UP
		212/	105 mm out
		2200	Rader's hen down since IP
			Portugate if you indud
			noise for the en week ref.
		2213	TDR 5+1 down I ques
		2558	LANDING was up most of Rut ine

HRD Radar Problem Log

lar Scien	tist	orm Name Sheet of Radar Technician
iai Scien		
	(Include tr	imes of when recording ended and was restarted)
Гаре #	Time	Problem
	(HHMMSS)	
		RADAR DOWN NEARLY
		ALL FLIGHT, TA RECE
		AL PLIGHT, IT
		BOKEN NEEDS FINAS
		REPLACING.