Radar Scientist

Flight ID_	101023I Storm Name Richard
Radar Sci	entist Vokicovic Radar Technician Nocher
on his/her	-board radar scientist is responsible for data collection from all radar systems assigned aircraft. Detailed operational procedures and checklists are contained ator's manual. General supplementary procedures follow. (Check off or initial.)
Preflight	
1.	Determine the status of equipment and report results to the lead project scientist (LPS).
2.	Confirm mission and pattern selection from the LPS.
3.	Select the operational mode for radar system(s) after consultation with the LPS.
4.	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.]
4.	Debrief at the base of operations.
5.	Determine the status of future missions and notify MGOC as to where you can be contacted.

HRD Radar Event Log

Flight ID 101023T Storm Name Radar Scientist VUKICOVIC	Radar Technician_	Sheet	_ of
LF RPM	TA RPM		

(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
		02:11	room from restanted room went out room went out of
		04:33	rador froze/restanted
		06:29	roedr went ort
		0630	roor went out agoin
		1	
		THE KINTER	
	211211		
		Fig. School	
LET MARKET			

Doppler Wind parameters

Doppler flight-leg notes (for use in automatic QC and analysis) Scientist: VUKICEVIC													
Leg Start Time	Leg End Time	Storm N	Motion	Time	Center Fix Latitude	Longitude	Max Radius (km)	Horz. Res (km)	Inbound track	Outbound track	ja?	Angle check?	Sent?
HHMMSS	HHMMSS	Degrees	Knots	HHMMSS	(Deg/Min)	(Deg/Min)	49/98/147/196	1/2/3/4	Azimuth (deg)	Azimuth (deg)	H/TS	(Y/N)	(Y/N)
051302		2.70	6	052804	16/8	82/13	245	5	94	52	TS	4	T
26306	0703	270	6	063818	16/13	82/19					TS	A	Y
0645	0803	270	6	065243	16/5	81/50					TS	4	Y
							1						
				4					1				
Service of the servic													