Radar Scientist

Flight ID 20	131004I4 Storm Karen Radar Scientist Lisa Bucci
on his/her as	poard radar scientist is responsible for data collection from all radar systems signed aircraft. Detailed operational procedures and checklists are contained or's manual. General supplementary procedures follow. (Check off or initial.)
Preflight	
1.	Determine status of equipment and report results to 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 check list.
In-Flight	
1.	Monitor the Tail Doppler Radar function regularly, using the realtime TDR display, to make sure the Doppler radar is scanning and working normally.
2.	Maintain the Doppler Wind Parameter form as well as a written commentary in the Radar Event Log of event times, such as ending and restarting of radar recording. Also document any equipment problems or changes in R/T, INE, or signal status.
Post flight	
1.	Complete the summary checklist and all other appropriate forms.
2.	Download all Tail (TA) radar data files to thumb drive.
3.	Brief the LPS on equipment status and turn in completed forms and thumb drives to the LPS.
4.	Debrief at the base of operations.
5.	Determine the status of future missions and notify HFP Director as to where you can be contacted.

HRD Radar Event Log

Flight ID 20131004 I 1 Aircraft	43
Radar Scientist Lisa Bucci	Radar Technician

(Include down time and times of when recording ended and was restarted)

Time (HHMMSS)	Event							
08 4500	computer harddrive came loose, needed to							
	rebott and restart ftp							
White								
114114								

Doppler Wind parameters

Flight ID: 20131004 I1				Doppler flight-leg notes (for use in automatic QC and analysis)				Scienti	Scientist: Lisa Bucci		
Leg Start Leg End Time Time		Storm Motion		Center Fix Time Latitude Longitude		Inbound	Outbound	Max Radius (km)	Horz. Res (km)	Sent ?	
HHMMSS	HHMMSS	Degrees	Knots	ннммѕѕ	(Deg/Min)	(Deg/Min)	track	track	Default = 245	Default = 5	(Y/N)
071900	081400	340	12	074932	24,9	-89.7	180	180			
081630	084500						45				
094900	093700	325	9	091335	25,0	-89,8	270	210			
	095400						160				
095800	104500	330	9	102200	25°5′	89 521	45				
	1118 00										
111900	1206 00	335	9	114452	25091	909046	135	135			