Radar Scientist

Flight ID_	80820 M2 Storm Lave		
Radar Scientist Rogers Radar Technician Richards, Peck			
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			
1.	Determine status of equipment and report results to lead project scientist (LPS).		
1.	Confirm mission and pattern selection from the LPS.		
	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 real-time TA display, to make sure the Doppler radar is scanning and working normally.		
2.	Once at the IP, request that the tilt be adjusted to remove sea clutter.		
3.	Request that the LF radar is set to full scan (non-sector mode) for first Figure 4.		
4.	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 Belly (LF) scan radar data files to thumb drive.		
3.	Download all tar'd (TA) radar data files to thumb drive.		
4.	Brief the LPS on equipment status and turn in completed forms and thumb drives to the LPS.		
5.	Debrief at the base of operations.		
6.	Determine the status of future missions and notify HFP Director as to where you can be contacted.		

HRD Radar Scientist Check List

Flight ID: 20180820H2
Aircraft Number: Nu2RF
Radar Scientist: Radar Scientist:
Radar Technician: Rewords
Component Systems Status (Up ↑, Down ↓, Not Available N/A, Not Used O):
Radar Computer
Lower Fuselage (LF) Antenna
Tail (TA) Antenna
Radar Post flight Summary
Significant down time:
Radar LF
Radar TA
Other Problems: some problems with radorsque at the beginning grabbed a radorsque from previous flight and storted to
grabbed a radors from previous flight and storted to
values's . If it was transferred to EMC, though, it would have
deleted / rejected there. Otherwise norted five.

LF
10 - blue
20 - green
30 - yellow



HRD Radar Event Log

Flight ID	Storm
5 - avaloting	
Radar Scientist	Radar Technician
With a who	

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

Time (HHMMSS)	Event
151400	radarsque Hard to trigger and lobfile at
	Sterlip of radising on a seniflight
1601	descuoling to 8000 Fe
1617	LF lockes good, nie detail
163600	start of would be
1709	13°3 (" 148° 32" -7 center
1737	end out broud (eq (15)
1803	begin 2nd inbrurd les
182830	13°3, 148°46 center
1855	end of 2 nd by outborned
1920	start 3th les in bound
1949	13°36' 144'00' center
201530	end of 3th leg, outloand.