Radar Scientist

Flight ID_(40825H1 Storm Cn3fold Radar Scientist Rosers
on his/her a	board radar scientist is responsible for data collection from all radar systems ssigned aircraft. Detailed operational procedures and checklists are contained tor's manual. General supplementary procedures follow. (Check off or initial.)
Preflight	
1. 2. 3.	Determine status of equipment and report results to lead project scientist (LPS).
2.	Confirm mission and pattern selection from the LPS.
<u> </u>	Select the operational mode for radar system(s) after consultation with the LPS.
<u> </u>	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	(Single/Dual) Fili FiAST (YWY) (Rousing Rate Ri
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 Scientist Check List

Flight ID: 14082541	
Aircraft Number: NURF	
Radar Scientist: Rog-65	
Aircraft Number: NUNF Radar Scientist: Rogers Radar Technician: Lyndh	
omponent Systems Status (Up ↑, Down ↓, Not Available N/A, Not Used Radar Computer	O):
Lower Fuselage (LF) Antenna	
Tail (TA) Antenna	
Time correction between LF radar time and digital time:	1
A Radar Parameters:	
(Single/Dual) PRF F/AST (Y/N) Rotation Rate RPM	1
Sweeps/File Record 2 nd Trip (Y/N) (Circle appropriate status)
Radar Post flight Summary	
ignificant down time:	
Radar LF	
Radar TA	
Other Problems:	

080005 ptz

2426 08.33

HRD Radar Event Log

Flight ID 14082541 Aircraft N42
Radar Scientist Rogers Rad

Radar Technician

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

Time (HHMMSS)	Event
6800 OS	Start RAI track 90
081720	no recording yet, working on it
0833	Conter fix 74026' 72841'
0900	end wit pass, turn downward
0932	end DWI, form for RAZ
0933	Stert RAZ track 210
1001	24631 12 40
1028	end RA2
1029	Start DWZ
1055	end ow a
1056	Start RA3 touck 330
1124	Start RA 3 touck 330 24°39' 72°42' Center Fix Ovil RA 7
1153	ovil f A 3
	need per all Till Helles baden deer they be completely extra
A Company	
	7.