Radar Scientist

Flight ID_2	0170903H1 Storm Ima						
Radar Scient	ist Jun 2hang Radar Technician MIKE Massavo						
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							
<u>~</u> 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.						
<u></u> 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.						
<u> </u>	Request that the LF radar is set to full scan (non-sector mode) for first Figure 4.						
<u></u>	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							
<u> </u>	Complete the summary checklist and all other appropriate forms.						
<u></u> 2.	Download all Belly (LF) scan radar data files to thumb drive.						
3.	Download all tar'd (TA) radar data files to thumb drive.						
J 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.						
<u> </u>	Determine the status of future missions and notify HFP Director as to where you can be contacted.						

HRD Radar Scientist Check List

Flight ID: 207080314
Aircraft Number: W42
Radar Scientist: Jun Themas Radar Technician: MKe Massayo
Radar Technician: Mrs Manuyo
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:

HRD Radar Event Log

Flight ID 20	MOGOSHI Storm Irma								
Flight ID 2010903H1 Storm Irma Radar Scientist Jun Thank Radar Technician Mke / haman (Include down time and times of when recording ended and was restarted)									
Time (HHMMSS)	Event								

Doppler Wind parameters

Flight ID: 2017 09 0341				Doppler flight-leg notes (for use in automatic QC and analysis)				Scientist: Jun Zhanes			
Leg Start Time	Leg End Time	Storm I	Motion	Center Fix		Inbound	Outbound	Max Radius	Horz. Res	Sent	
				Time	Latitude	Longitude	inbound	Outbouriu	(km)	(km)	?
HHMMSS	HHMMSS	Degrees	Knots	HHMMSS	(Deg/Min)	(Deg/Min)	track	track	Default = 245	Default = 5	(Y/N)
21000	2/52	260	12	21:17	49/51	17/24	40	40			
2219	2312	260	12	2248	49/60	17/W	135	135			
2333	2423	260	12	2359	50/26	17/18	270	270			
,	*										
		See the Control of the Control	70 W. W. A. 200								
	76. 43.			jas							
		3 1 2 2 3 3 3 3 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5									