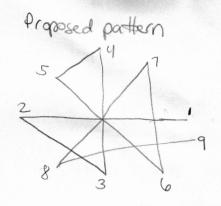
		Radar Scientist
Flight	ID 20	180904H1 Storm TS-Gordon
Rada	r Scient	ist S. Munth Radar Technician T. Richards
on his	/her ass	pard radar scientist is responsible for data collection from all radar systems igned aircraft. Detailed operational procedures and checklists are contained r's manual. General supplementary procedures follow. (Check off or initial.)
Prefli	ght	
SU	1.	Determine status of equipment and report results to lead project scientist (LPS).
84	2.	Confirm mission and pattern selection from the LPS
84 84	3.	Select the operational mode for radar system(s) after consultation with the LPS
811	4.	Complete the appropriate preflight check list.
In-Fli	ght	
84	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.
84	2.	Once at the IP, request that the tilt be adjusted to remove sea clutter already adjusted
<u>84</u> 84	3	Request that the LF radar is set to full scan (non-sector mode) for first Figure 4. Already in Rill Scan
811	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 fl	light	
84	1	Complete the summary checklist and all other appropriate forms.
8M 8M	2.	MMR Download all Belly (LF) scan radar data files to thumb drive.
<u>SM</u>	3	Download all tar'd (TA) radar data files to thumb drive.
84	4	Brief the LPS on equipment status and turn in completed forms and thumb drives to the LPS.
84	5	Debrief at the base of operations.
SM	6	Determine the status of future missions and notify HFP Director as to where you

can be contacted.

Mission ID 09047A Gordon

HRD Radar Scientist Check List
Flight ID: 20180904 H1
Aircraft Number: NY2RF
Radar Scientist: Shirly Murillo
Radar Scientist: Shirly Murillo Radar Technician: Todd Richards
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 display froze or ound
Radar TA
Other Problems:
1stand 2nd radar analysis pass were a bit noisy despite there being little returns as shown in the dBz display. Asted Toold Richards if settings were charged/attered for previous deployment in Lane in the central Pacific. He said no.



HRD Radar Event Log

Flight ID 2018 09 04 H 1	Storm TS. Gordon
Radar Scientist S. Mucillo	_ Radar Technician T. RichardS

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

(Include down time and times of when recording ended and was restarted)				
Time (HHMMSS)	Event			
083354	take off time.			
083900	TOR on and recording			
085516	at IP 27.55 83 41			
1600;10	rader stopped recording end of flight			

Doppler Wind parameters

3 49

Doppler flight-leg notes (for use in Scientist: Murillo Flight ID: 201809 04 H1 automatic QC and analysis) **Center Fix** Max Radius Horz. Res Sent Leg Start Leg End Inbound Outbound **Storm Motion** (km) Time (km) Time Time Longitude Latitude (Y/N) **HHMMSS HHMMSS** Degrees Knots **HHMMSS** (Deg/Min) (Deg/Min) track Default = 245 Default = 5 track 245 15 300 5 085516 692135 27.46 0904510 270 269 85.46 0904510 102101 300 132 15 245 110915 27,56 102131 104625 18 86.41 10 360 300 229 229. 112410 12745 300 86.14 -18 28.36 115604 52 245 125806 121749 488 4 86.30 28.24 134254 225 45 125900 1322 245 4 134300 14315