

# Radarscientist Form

(Updated 31 May 2019)

Flight ID 19083042 Storm Dorian

HRD Radar Scientist (Aircraft/Ground) Rogers / Gamache

AOC Radar Operator Mascaro

The aircraft radar scientist is responsible for data collection from all radar systems on his/her assigned aircraft, working with the ground radar scientist to ensure successful transmission of all radar products from the aircraft in a timely manner, and contributing to mission science by communicating real-time radar products to the LPS. Specific responsibilities are detailed in the *Aircraft Radar Support Guide* located on the radar workstation desktop and in the flight bag.

### § Pre-flight Notes.

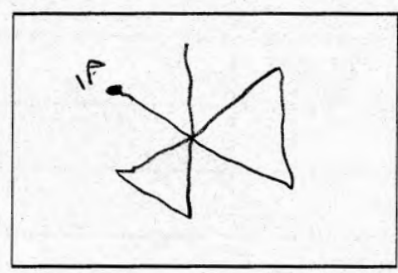
Indicate below any existing radar instrumentation issues, pre-flight radar repairs or other instrumentation issues (e.g., GPS swapout) that might impact radar data collection or analyses. If none, then simply write NONE below.

None

### § Pre-flight Setup with Ground Radar Scientist.

Preferably before the planeside briefing, establish Xchat communication with the ground radar scientist on #radar. Check off the following tasks.

- Communicate any pre-flight issues noted above.
- Confirm latest flight pattern. Sketch to the right.  
Indicate legs constituting proposed analyses.
- Go through Steps 1-3 of Aircraft Radar Support Guide.





25 20 71 0  
22 89

25 23 71 11

### Jobfile Parameters for Automated TDR Analysis

FLIGHT ID:				Aircraft Radar Scientist:									
Leg Start Time	Leg End Time	Storm Motion		Center Fix			Inbound Track	Outbound Track	Event Type	Max Radius if not 250 km	Horiz. spacing if not 2 km	Accept. for Graphics? (Y/N)	Analysis Sent? (Y/N)
				Time	Latitude	Longitude							
HHMMSS	HHMMSS	Deg	Kts	HHMMSS	Decimal Deg	Decimal Deg	Azimuth (deg)	Azimuth (deg)	IN/TS/H/MH				
223511	232640	300	9	2258	25.22	70.89	120	120	MH				
234045	002540	300	9	<del>0003</del>	25.33	71.0	240	240	MH				
002445	012924	300	9	0107	25.38	71.18	0	0					

11 36  
12 19  
6.3 12 57 30