

Radarscientist Form

(Updated 31 May 2019)

Flight ID 20191018E1 Storm ALIC/NESTOR

HRD Radar Scientist (Aircraft/Ground) EHRBAR / GAMACHE

AOC Radar Operator NAEHER

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.

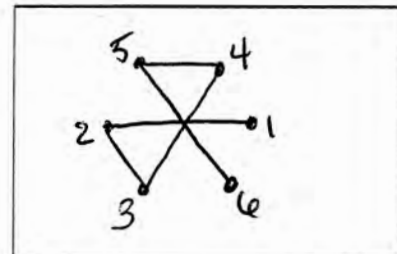
Indicate below any existing radar instrumentation issues, pre-flight radar repairs or other instrumentation issues (e.g., GPS swapout) that might impact radar data collection or analyses. If none, then simply write NONE below.

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.



Jobfile Parameters for Automated TDR Analysis

FLIGHT ID: 20191018II

Aircraft Radar Scientist: EHRBARTZ / GAMACHE

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				
004430	013209			000108	28.11	87.23		240					
0132													
0132	0243			0218	28.38	87.14	180	360	@0157				
0243	0351			03			300		inbound @0303				

JOB FILES

