

**WSR-88D TROPICAL CYCLONE OPERATIONS PLAN “QUICK CHECK” LIST
for RPG Software Build 16.1 in 2017**

NOTE: Record all adaptable parameters prior to making changes, so that they can be returned to that value after the event.

STORM: _____

DATE: _____

Check	Parameter	Current Setting	Recommendation	2017 Build 16.0 TCOP Reference
	Generator Fuel		Fill	Page 6
	RDA Control		Remote	N/A
	AVSET		Enable AVSET	Page 9
	SAILS		Enable (active with VCPs 212 & 12)	Page 9
	Velocity Dealiasing		Use 2DVDA	Pages 7-8
	VCP		121 or 200-series (212, 211, or 221)	Pages 7-8
	Range Folding		Optimize to see velocities near storm center. Consider using Storm-Based Auto PRF.	Pages 8-9
	Clutter Suppression		CMD	Page 7
	Velocity Measurement Increment		As appropriate based on expected category	Pages 9-10
	Mesocyclone Detection Algorithm		Check parameters	Page 10
	Tornado Algorithm		Check parameters	Page 10
	Precipitation Accumulation		Initialize all accumulations	Page 6
	RAINA and RAINZ		Optimize for Site	Page 6
	Z-R Relationship		Tropical (250R ^{1.2})	Page 11
	PPS Max Precipitation Rate (MXPRA)		150 to 200 mm/hr	Page 12
	QPE Trop –vs—Continental		Determine which is best for your site	Page 12
	Melting Layer Height		Use Model_Enhanced if RAP model is available; otherwise, use Radar_Based	Page 13
	Precip Product Display Levels		As appropriate for expected rainfall amounts	Page 13
	Archive Level II		Check status	Page 14
	AWIPS Severe Weather Checklist		Review Severe Weather Checklist	Page 14
	AWIPS Archive		Enable archiving	Page 14
	AWIPS Radar Multiple Request		Enable RMRs	Page 14
	Local Radar Comms Connections		Check status	N/A
	Communications Backup		Consult with maintenance technician	Pages 14-16

POST EVENT: Return all adaptable parameters to original values. If you have questions concerning this list or any other radar-related issue, contact the Radar Operations Center Hotline at nexrad.hotline@noaa.gov. The Hotline is normally staffed by a meteorologist from 7:00 a.m. to 7:00 p.m. CDT but, during major events like hurricanes, it may have them around the clock, beginning prior to landfall and until the storm is downgraded.