WSR-88D TROPICAL CYCLONE OPERATIONS PLAN "QUICK CHECK" LIST
for RPG Software Build 17.X 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 *17.X* 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 (PPS and QPE)		Optimize for Site	Page 6
	PPS Z-R Relationship		Tropical ($250R^{1.2}$)	Page 11
	PPS Max Precipitation Rate (MXPRA)		150 to 200 mm/hr	Pages 10-11
	QPE Max Precipitation Rate (MXPRA)		150 to 200 mm/hr	Page 11
	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	Pages 12-13
	Precip Product Display Levels		As appropriate for expected rainfall amounts	Pages 12-13
	Archive Level II		Check status	Page 13
	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 14-15

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.