WSR-88D TROPICAL CYCLONE OPERATIONS PLAN "QUICK CHECK" LIST
for RPG Software Build 18.0 in *2018*
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	2018 Build *18.0* TCOP Reference
	Generator Fuel		Fill	Page 6
	RDA Control		Remote	N/A
	Shift Change Checklist (SCL)		Check parameters	Page 6
	AVSET		Enable AVSET	Page 9
	SAILS		Enable (active with VCPs 212 & 215)	Page 9
	Velocity Dealiasing		Use 2DVDA	Pages 9-10
	VCP		121 or 200-series (212, 215)	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	Pages 6-7
	PPS Z-R Relationship		TROPICAL (Selection button)	Page 11
	Max Precipitation Rate		150 to 200 mm/hr	Page 11
	QPE Trop –vs—Continental		Determine which is best for your site	Page 11
	Melting Layer Height		Use Model_Enhanced if RAP model is available; otherwise, use Radar_Based	Page 12
	Precip Product Display Levels		As appropriate for expected rainfall amounts	Page 12
	Archive Level II		Check status	Page 13
	AWIPS Archive		Enable archiving	Page 13
	AWIPS Radar Multiple Request		Enable RMRs	Page 13
	Local Radar Comms Connections		Check status	N/A
	Communications Backup		Consult with maintenance technician	Pages 13-14

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. The Hotline is normally staffed by a meteorologist from 7:00 a.m. to 7:00 p.m. CDT. During major events (e.g. hurricanes) it will be staffed around the clock prior to landfall and until the storm is downgraded.