

**WSR-88D TROPICAL CYCLONE OPERATIONS PLAN “QUICK CHECK” LIST
for RPG Software Build 18.X in 2019**

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

STORM: _____ **DATE:** _____

Check	Parameter	Current Setting	Recommendation	2019 Build 18.X TCOP Reference
	Archive Level II		Check status	Page 12
	AVSET		Enable	Page 8
	AWIPS Archive		Enable archiving	Page 13
	AWIPS RMR		Enable RMRs	Page 13
	Clutter Suppression		CMD	Page 6
	Communications Backup		Consult with maintenance technician	Pages 13-14
	Generator Fuel		Fill to adequate level	Page 5
	Local Radar Comms Connections		Check status	N/A
	Max Precip Rate		150 to 200 mm/hr	Page 10
	MLDA Heights		Use Model_Enhanced if RAP model is available; otherwise, use Radar_Based	Page 11
	MDA		Check parameters	Page 9
	PAIF Area Threshold & RAINA		Optimize for site	Pages 5-6
	PAIF Rate Threshold & RAINZ		Use default values	Pages 5-6
	PPS R(Z) Relationship		TROPICAL	Page 11
	Precipitation Accumulation		Reinitialize all accumulations	Page 5
	Precipitation Product Data Levels		As appropriate for expected rainfall amounts	Page 12
	QPE R(Z, Zdr)		TROPICAL	Page 10
	Range Folding		Optimize to see unobscured velocities near storm center. Consider using Storm-Based Auto PRF.	Pages 7-8
	RDA Control		Remote	N/A
	SAILS		Enable (active with VCPs 212 & 215)	Page 8
	SCL		Check parameters	Page 13
	TDA		Check parameters	Page 10
	VCP		121, 212, 215, or 12	Pages 6-7
	Velocity Dealiasing		2DVDA	Page 7
	VMI		As appropriate, based on expected tropical cyclone category	Pages 9

POST EVENT: Return all adaptable parameters to original values. If you have questions concerning this list or any other radar-related issue, contact the WSR-88D Field Support Hotline at 1-800-643-3363. Typically, the Hotline is staffed by a meteorologist from 7:00 a.m. to 7:00 p.m. CDT; however, during significant tropical cyclone events (i.e., hurricanes), it will be staffed around the clock prior to landfall and until the storm is downgraded.