WSR-88D TROPICAL CYCLONE OPERATIONS PLAN "QUICK CHECK" LIST

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

STORM: _____   **DATE:** _____

Parameter	Current Setting	Recommendation	2020 Build 19 TCOP Reference
AVSET		Enable	Page 9
Clutter Suppression		Enable CMD	Pages 6-7
Max Precip Rate		150 to 200 mm/hr	Page 12
MLDA Heights		Use Model_Enhanced if RAP model is available; otherwise use Radar_Based	Page 13
MDA		Set Minimum Display Filter Rank to 4 or 3	Page 14
PAIF Area Threshold & RAINA		Use default values	Page 11
PAIF Rate Threshold & RAINZ		Use default values	Page 11
PPS R(Z) Relationship		TROPICAL	Page 13
Precipitation Accumulation		Reinitialize all accumulations	Page 10
Precipitation Product Data Levels		As appropriate for expected rainfall amounts	Page 11
QPE R(Z, Zdr)		STAT/TROP	Page 12
Range Folding		Optimize to see unobscured velocities near storm center Consider using Storm-Based Auto PRF	Pages 9
RDA Control		Remote	Page 6
SAILS		Enable with VCPs 112, 212 and 215	Page 9
TDA		Check parameters listed in TCOP	Page 14
VCP		112, 212, or 215	Pages 7-8
Velocity Dealiasing		Enable 2DVDA	Page 7
VMI		Adjust based on expected tropical cyclone category	Pages 10

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. 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.