

WSR-88D TROPICAL CYCLONE OPERATIONS PLAN “QUICK CHECK” LIST

for RPG Software Build 13 (with Dual Polarization) in 2012

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

STORM: _____

DATE: _____

Check	Subject/Parameter	Current Setting	Recommendation	2012 Build 13 <u>DP</u> TCOP Reference
	Generator Fuel		Fill	Page 5
	RDA Control		Remote	N/A
	Adjacent Radars		Use AWIPS Severe Weather Checklist	Page 22
	Local Radar Comms Connections		Check Status	N/A
	RPS Lists		Check	Page 24
	VCP		121 or 200-series (212, 211, or 221)	Page 10
	Clutter Suppression		Bypass Map	Page 8
	Velocity Measurement Increment		As Appropriate	Page 13
	Velocity Data Levels		As Appropriate	Page 19
	SRM Direction Parameter		Cell Dependent	Page 24
	Mesocyclone Detection Algorithm		Check Parameters	Page 14
	Tornado Algorithm		Check Parameters	Page 15
	Precipitation Accumulation		Initialize	Page 6
	RAINA		Optimize for Site	Page 7
	RAINZ		Optimize for Site	Page 7
	Z-R Relationship		Tropical (250R ^{1.2})	Page 16
	Maximum Precip Rate (MXPRA)		150 to 200 mm/hr	Page 17
	Precip Product Display Levels		As Appropriate	Page 21
	DP Maximum Reflectivity		53.0 dBZ	Page 17
	Use MLDA Heights		Yes	Page 18
	Environmental Data source		Use Model Update (if available)	Page 18
	Archive Level II		Check Status	Page 22
	AWIPS Severe Weather Checklist		Review Severe Weather Checklist	Page 22
	AWIPS Archive		Enable	Page 22
	AWIPS Radar Multiple Request		Enable	Page 23
	Communications Backup		Consult with maintenance technician	Page 23

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 will be staffed with meteorologists around the clock, beginning approximately 24 hours prior to landfall and until the storm is downgraded.