

WSR-88D TROPICAL CYCLONE OPERATIONS PLAN “QUICK CHECK” LIST for RPG Software Build 12 *without* Dual Polarization

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	2011 Build 12 TCOP Reference
	Generator Fuel		Fill	Page 4
	RDA Control		Remote	N/A
	Adjacent Radars		Use AWIPS Severe Weather Checklist	Page 19
	Local Radar Comms Connections		Check Status	N/A
	RPS Lists		Check	Page 20
	VCP		121 or 200-series (212, 211, or 221)	Page 8
	Clutter Suppression		Bypass Map	Page 7
	Velocity Measurement Increment		As Appropriate	Page 12
	Velocity Data Levels		As Appropriate	Page 15
	SRM Direction Parameter		Cell Dependent	N/A
	Mesocyclone Detection Algorithm		Check Parameters	Page 13
	Tornado Algorithm		Check Parameters	Page 13
	Precipitation Accumulation		Initialize	Page 5
	RAINA		Optimize for Site	Page 6
	RAINZ		Optimize for Site	Page 6
	Z-R Relationship		Tropical (250R ^{1.2})	Page 14
	Maximum Precip Rate (MXPRA)		150 to 200 mm/hr	Page 14
	Precip Data Display Levels		As Appropriate	Page 17
	Archive Level II		Check Status	Page 18
	AWIPS “Health” Check-up		Review Severe Weather Checklist	Page 18
	AWIPS Archive		Enable	Page 19
	AWIPS Radar Multiple Request		Enable	Page 19
	Communications Backup		Consult with maintenance technician	Page 19

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 1-800-643-3363. The Hotline will be staffed with Meteorologists around the clock, beginning approximately 24 hours prior to landfall and until the storm is downgraded.