

## WSR-88D TROPICAL CYCLONE OPERATIONS PLAN “QUICK CHECK” LIST for RPG Software Build 12 with 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 <u>DP</u> TCOP Reference
	Generator Fuel		Fill	Page 5
	RDA Control		Remote	N/A
	Adjacent Radars		Use AWIPS Severe Weather Checklist	Page 21
	Local Radar Comms Connections		Check Status	N/A
	RPS Lists		Check	Page 22
	VCP		121 or 200-series (212, 211, or 221)	Page 10
	Clutter Suppression		Bypass Map	Page 7
	Velocity Measurement Increment		As Appropriate	Page 12
	Velocity Data Levels		As Appropriate	Page 17
	SRM Direction Parameter		Cell Dependent	N/A
	Mesocyclone Detection Algorithm		Check Parameters	Page 13
	Tornado Algorithm		Check Parameters	Page 14
	Precipitation Accumulation		Initialize	Page 5
	RAINA		Optimize for Site	Page 7
	RAINZ		Optimize for Site	Page 7
	Z-R Relationship		Tropical (250R <sup>1,2</sup> )	Page 15
	Maximum Precip Rate (MXPRA)		150 to 200 mm/hr	Page 16
	Precip Data Display Levels		As Appropriate	Page 19
	Archive Level II		Check Status	Page 20
	AWIPS “Health” Check-up		Review Severe Weather Checklist	Page 21
	AWIPS Archive		Enable	Page 21
	AWIPS Radar Multiple Request		Enable	Page 21
	Communications Backup		Consult with maintenance technician	Page 21

**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.**