

Ham 87B - Repeater equipment checklist

Dr. Marc Durham, Theway Labs, Bixby, OK © 241212

Electrical lightning parts and install

- Construction contractor
- Evergreen contractor
- Bob Dooley Electric. Purchased parts in past.



#	Device	Model	Vendor	Date	
1	Tower, 80 ft	9-80	Universal		Now
1	Tilt base		Universal		
3	Guy wire assemblies				
1	Windlass, 120 V				
1	VHF Antenna	Ant150D6-9	Telewave		
1	UHF Antenna	Ant450D6-9	Telewave		
	Offset bracket VHF 20"				
	Offset bracket UHF >7"				
					After access to equipment room
2	Hardline+Ends ant to poly				
2	Hardline+Ends poly to poly				
2	Hardline+Ends poly to dup				
2	214 coax dup to radio				
4	Lightning arrestors		Polyphaser		
10	Ferrite beads hardline				
	Type N connect				
	Type N connect				
1	N ground termination, UHF				
1	Lightning rod				Note: Alum tower copper lightning
1	Clamp rod to tower				
ft	#1/0 lightning conductor				
1	Clamp cond to rod				
3	Clamp cond to tower				
2	Clamp cond to ground				
2	Clamp cond to single pt				
1	Ground bus single pt.				
	Black zip coax & ground				

