

TACTICAL REPEATER PRE-FLIGHT/PRE-LAUNCH CHECKLIST

Tennessee Wing | Civil Air Patrol | United States Air Force Auxiliary

Aircraft Number: _____ CAPFlight Number: _____

Vehicle Number or License: _____ Staging Area: _____

Mission Number: _____ Date/Time: _____
DD MMM YY TIME

Observer/Scanner/MRO: _____

NOTE: This Checklist is for deployment of the Motorola PDR-3500 Tactical Repeater.

SEQ	TASK	YES	NO
1.	Repeater Ground tested and passed for proper operation		
2.	Determine power source requirements & availability		
3.	Airborne repeater placed in aircraft		
4.	Repeater secured in aircraft (Use A/C seatbelt if possible)		
5.	Locate power & antenna connections		
6.	Observer, Scanner or MRO familiar with operating the repeater		
7.	Antenna and power cable connected to repeater		
8.	Appropriate repeater channel selected (Verify with CUL)		
9.	Channels 1-6 (A/C use only) / Channels 7-12 (Ground use only)		
10.	Repeater tested in A/C or GND & passed for proper operation		
11.	Mission Base notified of the status of the repeater		
12.	Repeater turned on prior to take-off		
13.	Checklist completed & given to IC, AOBD or CUL prior to take-off		

- a. For Ground Use – Make sure you have Antenna, Mast, Coax and know what your power source will be.
- b. Make sure repeater does not get wet.
- c. Ground Ops – 25 watts | Air ops – 10 watts
- d. Repeater channel numbers DO NOT match the EF Johnson radios or the CAP Aircraft radios.
(Careful channel coordination is required prior to deployment.)
- e. Approval of the Wing/DC or higher is required before each use, except emergency use & during authorized missions.

Additional Notes: