

July 27, 2026

West Star Aviation
5904 Pinehurst Ave
Chattanooga, TN 37421

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Equipment

Proposed Program

West Star Aviation requires a low-power, indoor-only GPS L1 repeater to support the extensive avionics, maintenance, and return-to-service testing performed inside our MRO hangars. Modern aircraft systems—FMS, IRS, ADS-B, WAAS/LPV, and time-synchronized diagnostics—cannot be properly tested without a live GPS signal, which does not penetrate hangar structures. The repeater enables accurate, repeatable system checks indoors, eliminating unnecessary towing and reducing ramp-area safety risks.