

MagnaStar Experimental License Request

1 Purpose of Operation

MagnaStar® is an airborne cell phone that was developed in the early 1990's. The technology was state of the art, employing 16 QAM, making the system very spectrum efficient. Raytheon, Fort Wayne Indiana, maintains an FAA approved repair station for the repair of the MagnaStar® system assemblies. The FAA Approved Repair Station number is **M4ER690J**.

- File Number: 0437-EX-PL-2010
- Class of Station: FX/MO
- Station Locations: FX/MO
- Effective:
- Expiration:

2 STA Explanation

Once the repair is complete and spectrum characteristics have been verified to be correct, we currently verify system operation by placing a call through a ground cell simulator