

MASCO GPS RETRANSMISSION PROJECT DESCRIPTION

Masco Flight Operations operates and maintains 3 GPS equipped corporate jet aircraft out of our private 22,500 sq. ft. hangar facility located on the East side of Detroit Metropolitan Airport (DTW). We are proposing the installation of a GPS Source, Inc. GLI-METRO RK GPS retransmission kit in our facility to eliminate the need to relocate our aircraft outside for daily routine maintenance and systems testing.

The passive antenna and surge protector will be located on the roof and the active antenna/signal controller above the hangar bay doors near the center of the North side of the facility. The active antenna will be oriented toward the back wall of the hangar bay away from the airport AOA. After installation, ERP will be adjusted to the lowest level while maintaining a suitable signal to the aircraft systems.