

THE QUANTEM TIMES

SPOTLIGHT ON: GSE MAINTENANCE

Quantem Aviation Services has multiple lines of business throughout our network of bases. Many of you may not be aware that Ground Support Equipment (GSE) maintenance is one of them. This month we highlight the two Quantem bases that perform this operation on a daily basis.

QAS-MCO at Orlando International Airport is responsible for providing GSE support to several of our customers, as defined in our contracts.

We have a GSE Maintenance Operation and GSE Fueling Operation here at MCO, both run by **Joe Hidalgo**, our Mechanic.

Joe provides the absolute best mechanical service to QAS-MCO for our own equipment, but he does so much more than that. He provides GSE maintenance service for our customers: DHL, ASTAR, ABX and sometimes for UPS if the need arises for an immediate fix. Joe has traveled for QAS to other stations needing assistance in equipment repairs whenever needed on short notice.

As the mechanic in charge of our GSE department here at MCO, Joe has the responsibility for all QAS-MCO equipment preventive maintenance (PM) scheduling and timely completion. He is required to keep a library of manuals for the equipment as his reference source to order parts and to have electrical schematics, which aid in

troubleshooting problems.

Joe maintains a parts vendor list, as compiled after researching pricing and best service for parts.

The GSE Shop must adhere to Airport Authority, OSHA and EPA regulations governing GSE Facilities and must pass all inspections. The



K-LOADER AT QAS-MCO

facility must be structurally suitable and code-compliant with appropriate fire separation per building code. Fire protection and detection equipment must be maintained and in good working order and inspected/tested in compliance with applicable codes.

Because the GSE shop uses haz-



FUEL CART AT QAS-MCO

ardous materials and chemicals in its operations (oil, petroleum, solvents and paints), Material Safety Data Sheets (MSDS) of all hazardous materials must be kept on site. All containers *must* have identifying markings, and all must be available in an emergency or for inspections.

A list of equipment here at MCO includes 3 deck loaders, 7 cargo tugs, 2 belt loaders, 1 GPU, 1 air start unit, 2 pushback units, 75 dollies, 2 bag carts, 2 15K forklifts, 1 7.5K forklift, 1 5K forklift, 20 slave racks, 5 aircraft crew stairs and 3 aircraft tow-bars.

MCO secured the fueling operations for the UPS Gateway GSE in 2007. Joe oversees the fueling of QAS, DHL, ASTAR and ABX GSE equipment.

Whether you are travelling to Orlando for vacation or are just passing through, we hope you will take the opportunity to stop and visit us at QAS-MCO. :: *Charlie Brownlie, GM-MCO*

QAS-PHX in Phoenix, Arizona employs 2 GSE mechanics for UPS ramp operations. Our A.M. mechanic is **Daniel Amarillas**. He joined the Quantem team two months ago after leaving Mesa Airlines from the same position. Daniel currently works Tuesday through Friday and is primarily responsible for preventive maintenance and the cleaning of equipment-related spills on the tarmac.