Ground Maintenance System

Enabling Off Aircraft Control & Diagnostics of Next Generation Refuelling Systems

The most important thing we build is trust
Cobham Air to Air Refuelling (AAR) Pods and Centerline Refuelling Units are hose and drogue based refuelling systems.

The Ground Maintenance System (GMS) designed to simulate the aircraft for pod and centreline refuelling systems control. This enables the maintainer to operate the air-to-air refuelling system and interrogate logged memory data through a touch screen graphical interface with the aircraft interface.

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Cobham

Ground Maintenance System with Touch Screen Graphical Display

**Key Features**

- Ruggedised Hardware Design – IP54 rated
- Cobham Ground Maintenance System software
- Interface Control Unit
- Interconnecting Cables & Looms
- International Power Cords
- Enhanced sunlight readable touch screen display

**Performance**

Provides maintenance personnel with off aircraft capability to:

- Interact with the Aerial Refuelling Pod (ARP) and associated Line Replaceable Units (LRU’s)
- Upload application software
- Interrogate, maintain, and download Maintenance Memory Unit (MMU) data, such as:
  - Event logs
  - Maintenance history
  - Pod usage data
  - Fault history
- Facilitate and maintain ARS configuration lists
- Conduct maintenance IBIT (Initiated Built In Test)
- Supplied as a comprehensive self contained kit

**Compatibility**

- Cobham 905 and 805E Air Refuelling Systems
- System concept adaptable for other air refuelling systems and equipment types

Specified as Original Equipment to support the following customers

- Royal Australian Air Force A330 MRTT
- Royal Air Force A330 FSTA
- Royal Saudi Air Force A330 MRTT
- United Arab Emirates A330 MRTT

For further information please contact:

**Aftermarket**

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