

# Ground Maintenance System

**COBHAM**

Enabling Off Aircraft Control & Diagnostics of 900 Series Aerial Refuelling Pods

The most important thing we build is trust



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900 series Air-to-Air Refuelling Pods operate a hose and drogue based refuelling system.

In order to support ground maintenance activities, a man portable Ground Maintenance System (GMS) fulfils requirements to interface with the AAR system and perform a series of functions.

The GMS is designed to simulate the aircraft for pod control and consists of a touch screen graphical interface. This enables the maintainer to operate and interrogate the Air-to-Air Refuelling Pod without the aircraft interface via a MIL-STD-1553 interface and RS422 port.



## Key Features

- Robust and IP54 rated
- Cobham Ground Maintenance System software
- Interface Control Unit
- Interconnecting cables & looms
- International power cords
- Enhanced sunlight readable touch screen display



Ground Maintenance System with Touch Screen Graphical Display

## Performance

Provides maintenance personnel with the 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

## Compatibility

- Cobham 905E series Air-to-Air Refuelling Pods
- System concept adaptable for other pod series and equipment types
- Supplied as a comprehensive self contained kit

## Specified as Original Equipment for 905E Series AAR Pods with

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



Lockable Military Grade Transit Case

For further information please contact:

Aftermarket

### Cobham Mission Equipment

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