

PDL-Adapter

Features

- Generic 1 by 1 replacement for Honeywell ADL, Sagem MDDU or Teledyne eADL
- Same form factor as ADL/MDDU
- Retrofit can be performed instantly within minutes
- Standard ARINC 615-3 connectors
- Compatible with any ARINC compliant Portable Data Loader (PDL)
- ARINC 615-A compatible
- Solid but lightweight metal housing
- High-impact, rugged front cover plate
- Available in different color schemes
- Comes with
 - EASA Minor Change Approval and approval according to FAA regulations
 - EASA Form One
 - Engineering Order
 - Approved Model List
 - CMM
- Already certified, installed and in service on: A318, A319, A320, A321, A330, A340, B717, B737, B747, B757, B767, MD11
- Flying on more than 2300 aircraft world wide



floppy disk drive. However, the use of floppy disks has many short comings:

- Limited data capacity
- Need to change media during data load
- Frequently media drop-outs
- Floppy disks needs to be prepared manually
- Low data security as data on floppy disks can be modified without notice
- Floppy disks are becoming obsolete

Since floppy disks are becoming obsolete, many airlines need to replace their Airborne Data Loaders with equipment offering a long, reliable life span.

General Overview

The majority of aircraft rely on on-board Airborne Data Loaders (ADL) featuring a

The use of Portable Data Loaders (PDL) to replace current Airborne Data Loaders offers many benefits to the maintenance providers as well as to the airlines.

Some MBS Customers



These advantages include:

- Enhanced data security
- Possibility for media-free data loading
- Unattended data loading (no need to change media)
- Support for many media options
- No LRU replacement needed in the event that new data load media has to be supported
- No costs/ground-time because of jammed ADL



Due to these benefits many airlines have chosen to use PDL in place of ADL for data loading. Airbus also recommends the use of Portable Data Loaders instead of Airborne Data Loaders.

The **mbs'** PDL-Adapter Plate provides a quick and easy conversion of an ADL dependent aircraft into one which can be loaded with a PDL.

The form factor of the **mbs'** PDL-Adapter Plate conforms precisely with that of a Honeywell / Teledyne / Sagem ADL. No changes to aircraft wiring are needed and the replacement can be performed instantly within minutes.



PDL Adapter Ordering Information

Part Number	Description
PDL-AP-01-AB-F	PDL-Adapter in Airbus blue
PDL-AP-01-BG-F	PDL-Adapter in Boeing grey
PDL-AP-01-BB-F	PDL-Adapter in Boeing brown

Note: Non certified versions for full flight simulators also available.

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