

Eirtech Cockpit Power Retrofit Solutions (USB and AC Power)

A photograph of an airplane cockpit. Several hands are visible, holding tablets that display flight data, including charts and graphs. The background shows various cockpit instruments and screens.

Eirtech is pleased to offer an in-service, low cost and minimal ground time retrofit solution for all commercial aircraft requiring 115 VAC or 5 VDC USB power outlets in the cockpit

An EASA/FAA approved minor modification package to install Eirtech's cockpit AC power supply system, comprising:

2x 115VAC/60Hz (125W/outlet) or 5V/2.1A USB outlets*

1 x 28VDC powered DC-AC inverter

A full installation kit comprising harness, bracketry, CBs and wiring looms all with an EASA form 1.

* Mix of USB / AC outlets possible. No inverter required for USB outlets only. It is possible to have 2 of each per cockpit side should it be required.

Typical lead times



USB 5VDC - 5 Weeks

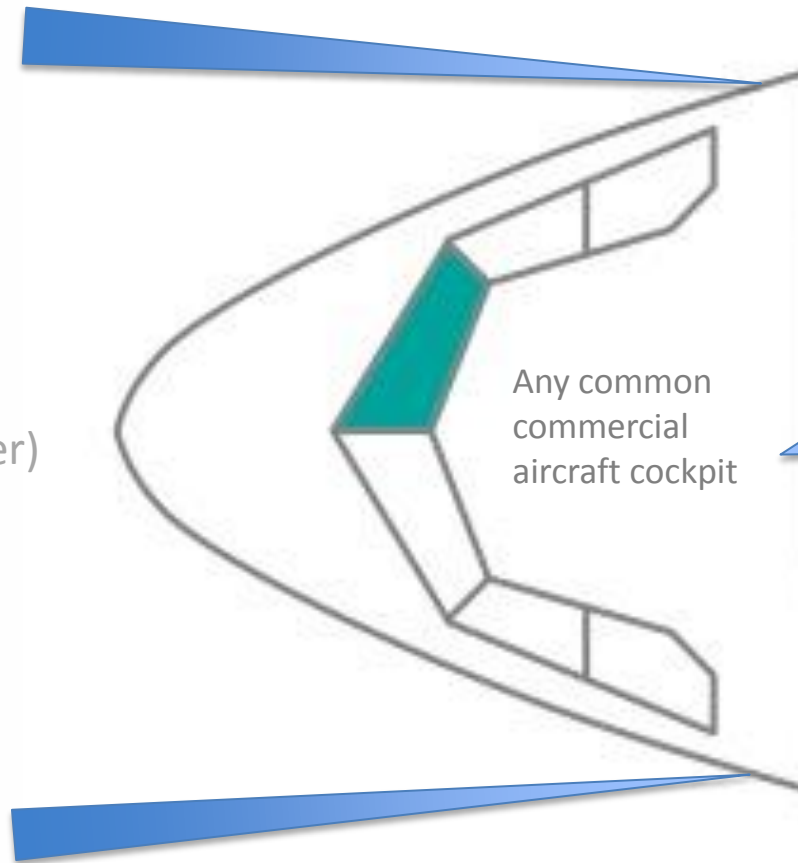


Plug 115VAC - 4 Weeks

THE SOLUTION

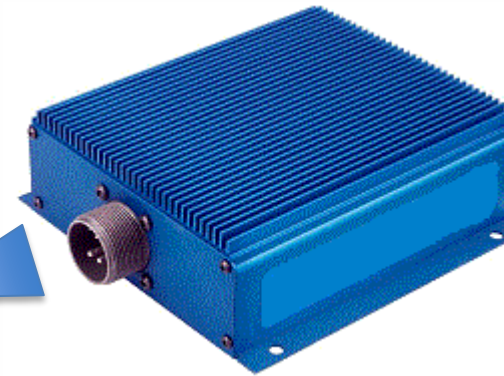


5 VDC USB (direct) or
115 VAC (from inverter)



Any common
commercial
aircraft cockpit

28VDC 250W inverter
(125W per outlet - Up to
1200W total available)



Outlets installed in rear cockpit side walls or elsewhere on request
Fully EASA approved install kit provided (loom, brackets, CBs etc)

USB OUTLET DELIVERABLES



2 x 5 VDC USB OUTLET with inbuilt step down inverter from 28 VDC (aircraft power)



A full installation kit comprising harness, bracketry, CBs and wiring looms all with an EASA form 1.

115 VAC OUTLET DELIVERABLES



2x 115 VAC/60Hz outlets



1 x 28 VDC 250W Inverter (up to 1.2kW)



A full installation kit comprising harness, bracketry, CBs and wiring looms all with an EASA form 1.

EASA/FAA Approved Engineering Data Package:

- ✔ Service Bulletin(s) optimised for phased installation.
- ✔ Drawings
- ✔ Manual Supplements
- ✔ Installation designed for minimum operational disruption and ease of installation.



Turn Key Solution

EASA / FAA Approved
Engineering & Full Kit
supplied with EASA Form 1



Economical when compared to
OEM offering



Technical Support from the
design team



Installed

under EASA Approved Minor Modification



Designed for easy and fast
installation. Should outlets
become damaged they can be
easily replaced



No dip in power under load



Higher wattage inverter
available (up to 1.2kW)



International outlet



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