

# AKKA

## Aerospace

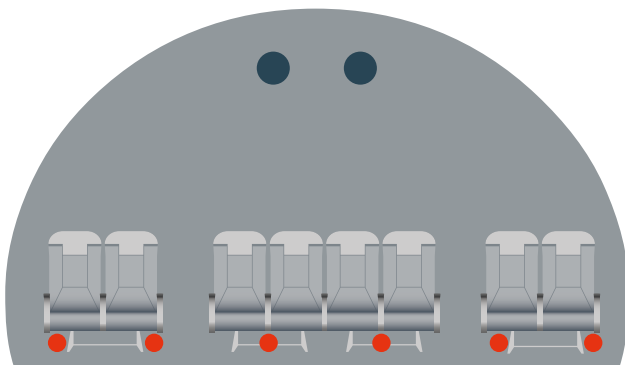


## POWER TO THE PASSENGER: IN SEAT USB POWER SUPPLY UNIT

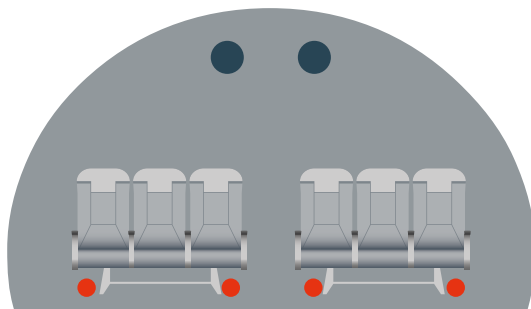
### TECHNICAL OFFER

AKKA has developed a solution specifically aimed at improving the low cost carrier flight experience.

### OUR OFFER



KEY: ● USB POWER SUPPLY UNIT  
● POWER CONVERTER UNIT



### OUR ADDED VALUE

Through AKKA dedicated center of competences, specialist in Aircraft Modifications, we offer:

The USB can be coupled with a WIFI installation as means of commercial encouragement for passenger's to bring their personal devices on board and stream media content from airlines website which increases airlines revenue.

Installation for the USB Supply Unit in front the seat permitting the apparatus to rest whilst charging on the fold out table. (Standard cable length 95cm)

USB TYPE A means installation is compatible with majority of products on the market

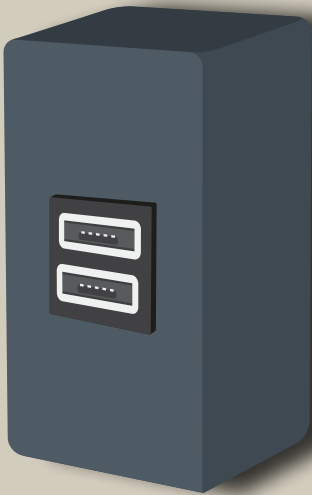
Easy and adaptable non-intrusive, reversible installation on the seat leaving no apparent cables, allowing the seat to stay intact for resale

Compact and robust casing and fixings  
Variable USB port installation (single or double)

One Power Converter per  $\approx$  80 PAX that converts and distributes power to all seats thus eliminating the need for a power converter per seat row

Option for a command switch for flight crew to turn off/on power to the USB ports during takeoff and landing

Light weight installation



### USB DOCK

- Output Power: 2.1 amps per port
- Input Voltage: 10 – 32 VDC
- Output Voltage: 5 VDC  $\pm$  0.25 per port
- Charge one or two products simultaneously at full power
- Short-circuit, over-current, and over-temperature protection

## OUR EXPERTISE

### AKKA CENTER OF COMPETENCES IN AIRCRAFT MODIFICATIONS, HAS CREATED A UNIVERSAL SOLUTION

to suit any commercial aircraft type. The simplicity of this modification even allows airlines to install the USB power supply unit as a minor modification thus guaranteeing a reduction of time and costs.

With a highly competitive market price you will get the best of our expertise, the simplicity of a minor modification installation all at an affordable and attractive price.

### AKKA'S POWER SUPPLY UNIT CONSIST OF A USB PORT TYPE A INCORPORATED

into a solid casing which is installed under the seat leaving no exposed cable. Its installation is unobtrusive to the seat structure and does not compromise its qualification. The unit itself is discrete and can easily fit into one hand. It is fed 28VDC from the main Power Converter Unit that can be installed in various locations on the Aircraft with a solution without structural drilling.

### AKKA / AEROCONSEIL AN ESTABLISHED EASA & FAA APPROVED DOA EXPERIENCED

in an extensive range of modifications can provide an installation solution for the Power Supply Unit that ranges from Aircraft survey, Engineering, Certification, Kit production & management and Support for installation.

### AIRWORTHINESS REGULATION AND CERTIFICATION

**AEROCONSEIL APPROVALS:** EASA Part 21, Subparts J (Design Organisation Approval) ■ EASA Part 21, Subparts G (Production Organisation Approval) ■ EASA Part M, Subparts G & I ■ FAA Approval ■ GCAA Design Organisation ■ TCCA DAO ■ CAACI Continuous Airworthiness Management (Cayman Islands) ■ OTAR Part 39 (Bermuda) ■ EASA Part 145 ■ EN 9100 ■ ISO 14001