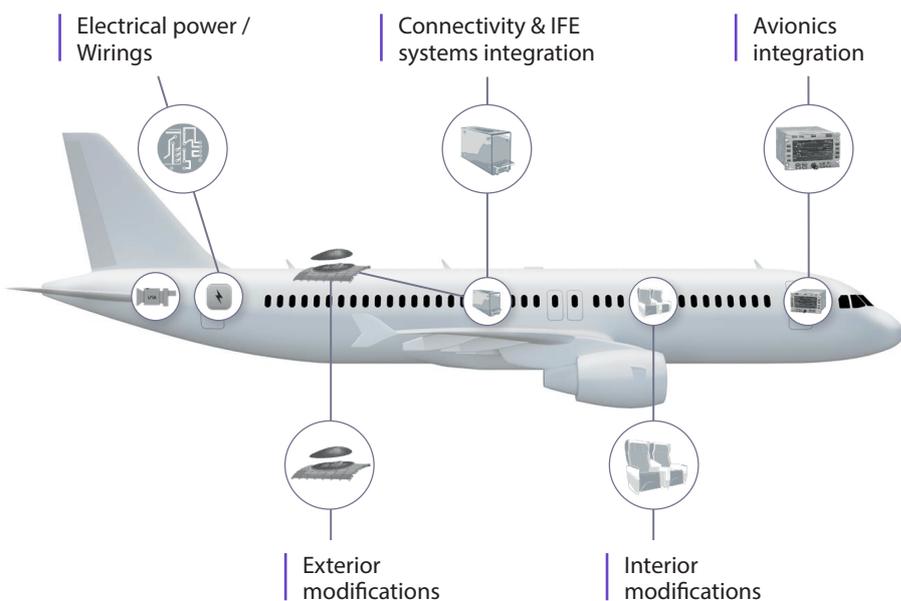


Full Scope Design Organisation

Engineering and approval for your aircraft modification.
From simple MOD to complex projects including installation and kits.



Services

- Full scope 21J design organisation for CS-23, -25, -27, -29p
- Mechanical and electrical engineering
- System integration, aircraft adaptation and transition
- CAMO services

Expertise

Airbus, Boeing, Bombardier, Embraer, ATR, BAe, Lear, Pilatus, Augusta, Bell, Eurocopter and others

Large engineering teams

Full Scope DOA

STC
Minor
Repair
AFM
OSD

Mechanical engineering

LOPA Changes
Interior
Monuments, Seats
Crew Rest
Structures

Electrical engineering

IFE & Video Surveillance
Connectivity SatCom
Power, Seat to Seat
Lights / PSU / CMS

Installation
by MRO Partner



Engineering & approval

Refurbishment

- Upholstery design, manufacturing and installation
- Curtain and carpet change
- Interior painting and decorative foils
- Placecards, decals and technical labels
- Repair solutions
- Cover part replacement
- Window shade modification
- Use of precious materials

Conversion & special mission

- Specialised solutions as parabolic flight systems or green taxiing
- VIP conversion design
- Special mission airplane & rotocraft
- P2F structure and electric design
- Cockpit, avionics and mission equipment integration
- Lightweight design for interiors
- External equipment integration

External liveries

- Livery design for painting or decals
- Placecards and labels

Upgrade, modification & retrofit

- LOPA changes
- Seat and enclosure modernisation
- IFEC integration and connectivity solutions
- Monuments and furniture
- Cabin parts improvement & ALM substitutions
- PSU, emergency equipment, lighting solutions
- Electrical Load Analysis (ELA Fleet Management)



LOPA changes



Cabin modifications



Avionics integration



Repair instructions

For further information, or if you have any other questions, contact aviation.enquiries@stirling-dynamics.com