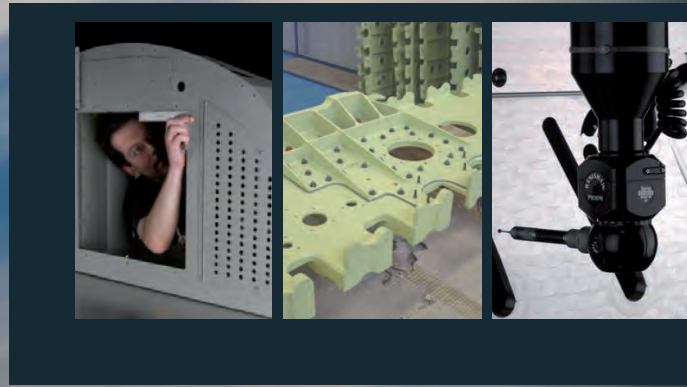


Via the aerostructures division, CAV offers a complete component and sub-assembly solution to the prime airframe manufacturers.

Using advanced manufacturing facilities and a combination of massive capacity together with a skilled and focussed workforce, we have a unique understanding of plant and process. This enables us to provide an end product and service which is unrivalled.



AEROSTRUCTURES DIVISION MANUFACTURING (UK)

Capabilities include:

- ▶ Long bed machining – 49 spindles – of which 32 are 5-Axis, 14 multi-spindle gantries, up to 54 metres in length
- ▶ Short-medium bed machining – 21 spindles, 3, 4 and 5-Axis
- ▶ General sheet-metal fabrications – CNC routing, rubber and brake press, stretch-form, spot welding
- ▶ Major and minor assemblies
- ▶ Treatments processes, including:
 - ▶ Chromic/Sulphuric acid anodising
 - ▶ Boric/Sulphuric acid anodising
 - ▶ Alkaline clean
 - ▶ NDT – Anodic and Penetrant Flaw Detection (AFD, PFD)
 - ▶ Shot-peen
 - ▶ Achrom 1200
 - ▶ Heat treatments
 - ▶ Paint facilities

Typical products/work packages include:

- ▶ Wing stringers and spars
- ▶ Inter-spar ribs
- ▶ General prismatic machined parts
- ▶ Hard metal machined parts
- ▶ Make to print fabrications
- ▶ Sub-assemblies – Avionics racks, access door
- ▶ Stretch-formed tail skins



complete **component** and
sub-assembly solution

