

LAHAV AEROSTRUCTURES

Complex aircraft assemblies
for next-generation aviation

IAI – Strong, Flexible, Unstoppable

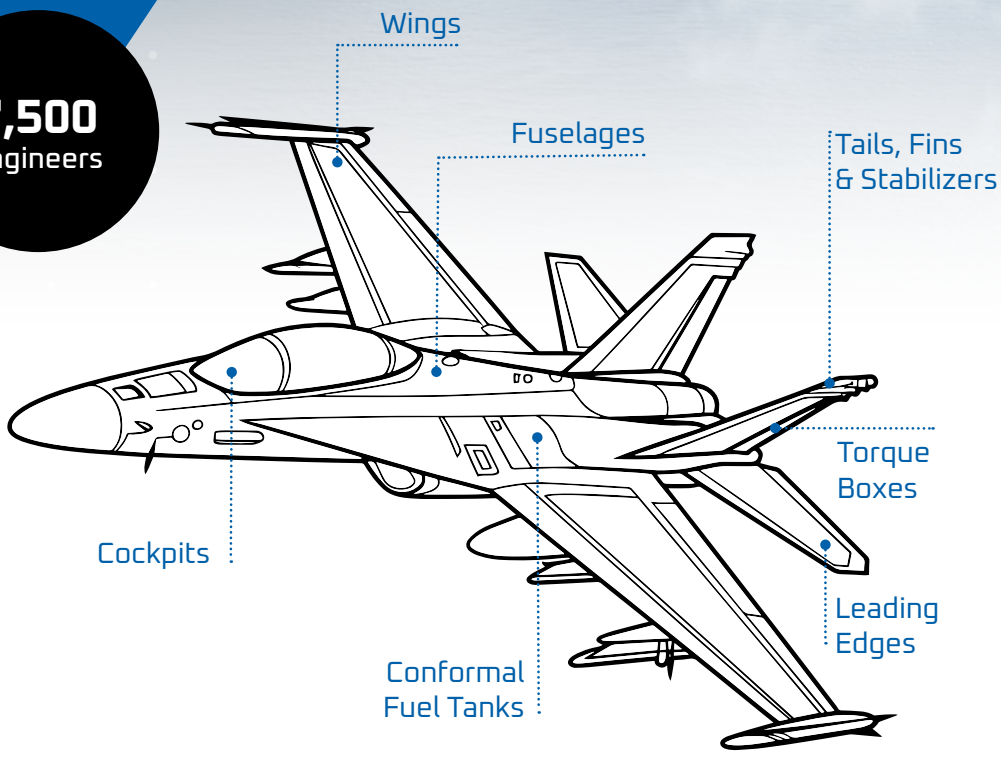
IAI is a world-leading aerospace and defense company, delivering large turnkey programs for clients in 100 countries, across multiple domains: air, land, sea and cyber.

50 years
of aerostructures assemblies

15,000
skilled employees

7,500
engineers

Plug & Fly Aerostructures



MISSION READY

The world's leading aircraft OEMs rely on LAHAV as a long-term partner with high performance.

LAHAV consistently receives exceptional CPARS ratings and two Lockheed Martin Supplier Awards for 2025: "Ahead of Ready" for the F-35 Wings program and "Mission Focused" for the F-16 Wings, Vertical Fins, and CFT programs.

IAI LAHAV AERO-STRUCTURES DIVISION

Tier-1 supplier of major structural sections for military and commercial aircraft.
Experts in the production and assembly of metal and composite aerostructures.
BUILD TO SPEC - BUILD TO PRINT

LOCKHEED MARTIN

DASSAULT AVIATION

Gulfstream

SIKORSKY
A LOCKHEED MARTIN COMPANY

BOEING

BELL

FROM DESIGN TO DELIVERY

ON-TIME ON-QUALITY DELIVERY

Quality Management System

Accredited by: AS9100D CERTIFIED ISO 9001

ISO 9001 · Nadcap · ISO 14001

Wiring harness production & systems installation

Fully-stuffed aerostructures: Complete in-house capabilities for assembly and installation of tubing, wiring, ducts, and systems, including production of electrical wire harnesses.

Metal & composites production

State-of-the-art production technologies include Automated Fiber Placement, Automated Tape Laying, multi-axes machining, sheet metal and aluminum processes, special processes, 3D inspection, and Robotic NDI.

Robust global supply chain

An international network of vetted suppliers meets IAI's high-quality standards and strict schedules. LAHAV monitors suppliers in real time, adjusting to the global climate to ensure supplier quality and delivery performance.

Tooling design & fabrication

In-house tooling department with leading capabilities in design and fabrication of production and assembly tooling. For every aerostructure section, the team develops a unique, best-in-class tool that enables the fastest and most accurate assembly.

Assembly line planning & construction

Assembly lines are designed and set up to meet each program's specific requirements. Integrating innovative technologies, including robotics and automation, to optimize for the highest levels of quality, efficiency, and affordability.

Manufacturing Engineering

LAHAV experts translate complex aerostructure models into precise, repeatable assembly processes tailored to the customer's specifications and production rate requirements.

Engine ering Design & Develop ment

IAI's in-house aeronautical Engineering & Development Center provides comprehensive infrastructure and expertise for structural design, development, analysis, testing, and certification of aircraft.



Lockheed Martin Supplier Awards: "Ahead of Ready" and "Mission Focused"



Automated Fiber Placement



Systems installation



Tooling designed and fabricated in-house



Robotic NDI system



Accurate assembly processes



Robotic drilling on assembly lines

Structural test



Advanced moving assembly line



LAHAV IS THE LEADING AEROSTRUCTURES ASSEMBLY LINE FOR THE WORLD'S PREMIER AIRCRAFT PLATFORMS

1500+ DELIVERED

WINGS & WING PARTS

1000+ DELIVERED

CONFORMAL FUEL TANKS

6000+ DELIVERED

TAIL SECTIONS

1500+ DELIVERED

FUSELAGE SECTIONS

330+ DELIVERED

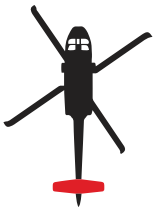
FULL DESIGN & MANUFACTURE



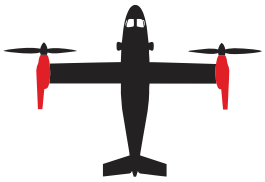
F-35



F-16



UH-60



MV-75



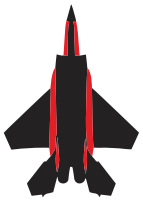
G-300



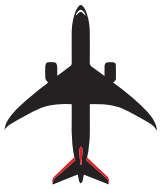
T-38



Falcon 10X



F-15



B777/B777X



G-280



Tactical UAVs







10/26

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