

## Elbit Systems - Cyclone Ltd.

Elbit Systems - Cyclone Ltd., a wholly-owned subsidiary of Elbit Systems Ltd., is Elbit Systems design and manufacturing center for composite and metal aircraft structural assemblies and subassemblies for leading aerospace OEMs and Tier 1s.

Cyclone holds special processes certifications and equipment qualifications from NADCAP as well as from leading OEMs such as: Boeing (commercial and military), Lockheed Martin, Textron Aviation, Bombardier, Northrop Grumman and others.



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# Aerostructure Assembly & Aircraft Part Manufacturing



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# Defense Aerospace

## Aerostructure Assembly & Aircraft Part Manufacturing

Elbit Systems - Cyclone Ltd. (Cyclone) has a long history of successful design, production and support of parts from a wide range of military fixed-wing aircraft, helicopters and UAVs.

### F-35

Cyclone is one of very few manufacturers of composite, bonded structural assemblies for the prestigious Lockheed Martin's JSF fighter aircraft (F-35) Aerostructure. Cyclone was selected from a broad field of global composite manufacturers to produce fairings, doors and other structural components for the F-35 center fuselage. Parts are produced from advanced composite materials using state-of-the-art equipment and facility. Cyclone was selected mainly thanks to its history of high quality standards, precision manufacturing and on-time delivery record.



### F-15 parts

- Horizontal Stabilizer
- 600 Gallon External Fuel Tanks
- Centerline Pylon
- Wing Inboard Pylon
- Navigation pod Adapter
- LAU-77
- Gun bay door



### F-16 parts

- 600 gallon External Fuel Tank (EFT) & Non-Jettisonable Pylon (NJP), an indigenous Cyclone unique solution which turns F-16s into a strategic, operationally enhanced fighter
- Ventral Fin
- Horizontal Stabilizer
- Rudder
- Vertical Stabilizer Leading Edge
- Engine Access Doors
- Leading Edge Flap
- Nose Landing Gear Doors
- Main Landing Gear Doors
- Fixed Outer Trailing Edge
- Access Cover
- Weapon Pylon
- Centerline Pylon
- 300 Gallon Fuel Tank
- 370 Gallon Wing Fuel Tank
- 370 Wing Fuel Pylon
- Vertical Ejection bomb Rack (VER-2)



### F-18 parts

- 330 Gallon filament wound External Fuel Tank
- Leading Edge Extension
- Nose Landing Gear Door



330 Gallon filament winding process