



Elbit Systems - Cyclone Ltd.

Line of Business

Aerospace

Leading Executives

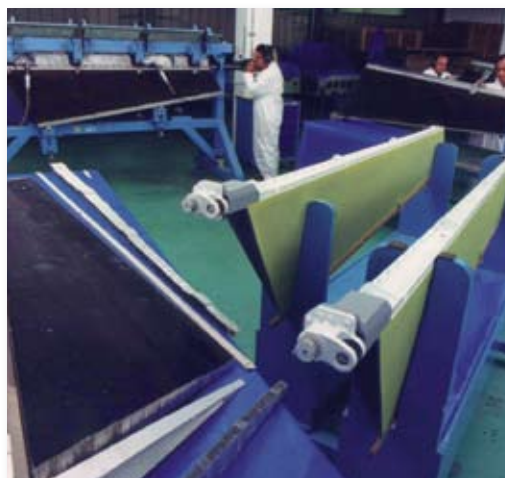
Mr. Shlomo Alkaber
General Manager

Mr. Eitan Igra
COO

Mr. Shaul Hershko
VP Operations

Mr. Motti Armelin
Business Development
& Marketing Director

Elbit Systems - Cyclone Ltd. is an internationally recognized design and production center of aircraft structural components and parts for the world's leading aerospace companies. Elbit Systems - Cyclone Ltd. performs overhauls, repairs and customized upgrades on airplanes and helicopters. The company's advanced helicopter maintenance facilities serve the U.S., UN, Israeli and other armed forces, as well as quality-conscious civilian organizations.



Products

From flight control and aerodynamic surfaces to doors for civilian and military aircraft and special parts, Elbit Systems - Cyclone Ltd.'s assembly line, part production program has a wide range of aviation products. With its strong technical and engineering capabilities, backed by rigorous LEAN and SPC systems, Elbit Systems - Cyclone Ltd. is a recognized specialist in its design and production of aerostructures.

Ownership

The company is a full Subsidiary of Elbit Systems.

Recent Projects

- Boeing 737 Passenger Doors, Blocker Doors
- Boeing 747 Access Doors
- 767 Tail Skid Fairing
- 767 Blowout Doors
- 787 Floor Assy, NLG Doors
- MD-11 Passenger Doors
- F-16 Control Surfaces, 600 GAL Fuel Tanks
- A-310 Elavetor

- F-15 Horizontal Stabilizer
- T-38 Rudder, Wing Tips
- UH-60 Troop Seats
- F-18 Leading Edge Extension
- F-18 330 Gal Fuel Tanks

Qualifications and Certification

- MIL-Q-9859A, Quality Program Requirements
- ISO-9001, Quality Systems Model for Quality Assurance and Design, Development, Productions & Services.
- ISO-9001, Rev. A - Boeing Advanced Quality Systems Approval
- Israel Civil Aviation Authority - Aircraft Repair Station
- Statistical Process Control (SPC) System Approval - L.M.T.A.S.
- AS 9100-2000
- NADCAP Approved

Composite Materials

Our Composite department "CARCOM", develops and manufactures parts and components for various aircraft and offers our customer full range composite materials technology:

- Clean Room lay-up & Autoclave Curing
- Metal Bonding (Clean Room & Autoclave)
- Resin Transfer Molding (RTM)
- Filament Winding
- Wet Lay-up
- Hot Press Molding

Metallurgy

Metal processing technologies include:

- High Velocity (40,000rpm) 5-axis CNC Machining
- 8 CNC Machines, ranging from 3-5 Axes
- Sheetmetal Forming
- Stretch Forming
- Chemical Milling
- Chemical & Heat treating processes

Quality Assurance

The primary control methods in place at Elbit Systems - Cyclone Ltd. include vigorous TQM and SPC programs, formal manufacturing and service process control and active supplier and subcontractor control. Components undergo rigid-in-process and final inspection procedures, including highly advanced NDT methods (x-ray fluoroscopy, ultrasound testing and fluorescent penetrant crack detection), conventional conductivity and metallographic tests.



Contact:
P.O.Box 114
Carmiel 20100, Israel
Tel: 972-4-99 60 710
Fax: 972-4-95 58 567
mark.armelin@elbitsystems.com
www.cyclone-aviation.com