

COMPANY OVERVIEW

Aero | VODOCHODY

AERO Vodochody

- The largest aviation technology manufacturer in the Czech Republic
- One of the oldest aviation technology manufacturers in the world (* 1919)
- Focused on development, production, sales and support of civil and military aerospace technology
- Extensive experience from production of over 11,000 aircraft
- High-quality technological base
- AS 9100 / ISO 9001 certified quality management system
- Well-established cooperation with leading aerospace manufacturers
- Convenient location near Prague, the Capital of the Czech Republic

Alenia C-27J:
center wing box

Complete Sikorsky S-76
helicopter ready for
installation of dynamic parts

Embraer 170/190:
door subassemblies

YOUR PREFERRED PARTNER IN AEROSPACE TECHNOLOGIES

L-159 aircraft family

PORTFOLIO OF COMPANIES:

Technometra Radotín | Prague, Czech Republic
Development and production of landing gears and other aerostructures

Rotortech Aero Composites | Cambridge, UK
Design and production of composite parts

Vodochody Airport | Odolena Voda, Czech Republic
Private international airport

AEROSTRUCTURES PROGRAM

Aero | VODOCHODY

Aerostructures Program portfolio

- Sikorsky Aircraft Corporation - S-76C helicopter (since 2000)
- Alenia Aeronautica - C-27J Spartan center wing box (since 2006)
- Latecoere - Embraer 170/190 door subassemblies (since 2007)
- Saab - JAS-39 Gripen pylons (since 2008)
- Boeing Company - F/A-18E/F/G gun bay door (since 2001)
- Spirit Aerosystems - B767 fixed leading edge kits (since 2000)
- EADS - A320/A340 subassemblies (since 2005)
- Vought Aircraft Industries - B747 parts (since 2000)

Embraer 170/190:
door subassemblies

Airbus 320/340:
structural subassemblies and
parts for the aircraft's tail cone

Complete Sikorsky S-76
helicopter ready for
installation of dynamic parts

WE COOPERATE WITH LEADING AEROSPACE MANUFACTURERS ON WORLD-CLASS AEROSTRUCTURES PROGRAMS

F/A-18: gun bay door

Alenia C-27J:
center wing box

COMPLEX AEROSTRUCTURES:

- Participation on the entire life cycle of civil and military projects, from development to industrialization and validation of products
- Competence to design and produce complex aerostructures with a high degree of product finalization, including systems integration and testing, full control of quality, full supply chain management and complex customer support starting from the production transfer phase, through implementation of customer's requirements during the production phase to after-sales support
- Combination of experience in aerospace production dating back to 1919 and every-day practice within running serial production, using the latest technology and test methods

AEROSTRUCTURES PROGRAM

SIKORSKY S-76 HELICOPTER



Aero | VODOCHODY

S-76 helicopter production and services

- Fully assembled and equipped helicopter, ready for installation of dynamic parts
- Avionics, hydraulic, electric and fuel system installation
- Tube manufacture and tube system installation
- Electric wire harness manufacture and installation
- Composites assembly
- Fuselage assembly
- Detail part fabrication, including application of special processes
- All ground tests not requiring dynamic parts, including water, fuel, hydraulic and electric tests
- All surfaces primed
- Full supply chain management
- Warranty and after-sales services, including repairs and spare parts sale

Complete Sikorsky S-76 helicopter
ready for installation of dynamic parts



**HIGH-QUALITY AND RELIABILITY OF OUR
DELIVERIES ARE PROVEN BY MORE THAN
250 S-76 HELICOPTERS MANUFACTURED
FOR SIKORSKY AIRCRAFT CORPORATION**



S-76 PROGRAM IN NUMBERS:

- First S-76 unit completed in December 2000
- More than 250 S-76 units delivered to customer
- 8,500 components assembled, 3,700 produced by Aero
- More than 200 suppliers managed by Aero

AEROSTRUCTURES PROGRAM

ALENIA C-27J CENTER WING BOX

Aero | VODOCHODY

C-27J center wing box production and services

- Fully assembled and equipped center wing box ready for final aircraft assembly
- Integral fuel tanks
- Engine, fuselage and flap hinges
- Leading edges, including de-icing boots
- Detail part fabrication, including application of special processes
- Electric system manufacture, testing and installation
- Tube manufacture and tube system installation
- Testing of all systems, including final fuel leakage test
- All surfaces primed
- Full supply chain management
- Production control of several configurations
- Warranty and after-sales services, including repairs, spare parts delivery and modification changes

Alenia C-27J:
center wing box

THE CENTER WING BOX PRODUCTION FOR ALENIA AERONAUTICA REPRESENTS A DELIVERY WITH HIGH VALUE ADDED



C-27J CENTER WING BOX PROGRAM IN NUMBERS:

- Contract signed in September 2006
- First center wing box completed in December 2007
- 3,200 components, 60 % produced by Aero
- 6 configurations
- More than 30 suppliers managed by Aero

MILITARY PROGRAM

Aero | VODOCHODY

L-159 Combat & Training System

- Advanced training and light combat aircraft
- Mission planning and debriefing
- Ground based training system
- Integrated logistics support
- Extended operational support

L-159 Advanced Light Combat Aircraft

- Single-seat light multi-role combat aircraft
- Optimized for a variety of air-to-ground, air-to-air and reconnaissance missions
- Equipped with a state-of-the-art multi-mode radar for all-weather, day and night operations
- Designed to carry a wide range of external stores, including air-to-air and air-to-ground missiles and laser guided bombs

L-159 Advanced Training Aircraft

- Two-seat advanced trainer
- Primarily designed for advanced and lead-in-fighter training
- Optimal solution for training of pilots of the latest generation fighters

HAVING PRODUCED 6,500 UNITS, REPRESENTING TWO THIRDS OF THE WORLD PRODUCTION, WE ARE HISTORICALLY THE LARGEST JET TRAINING AIRCRAFT PRODUCER IN THE WORLD



L-159B

L-159 ALCA



L-159 IN SERVICE WITH CZECH AIR FORCE:

- Single-seat L-159 ALCA advanced light combat aircraft entered service in 2001
- Two-seat L-159T advanced training aircraft entered service in 2007
- Within the national air defence system fulfilling a broad scale of tasks, starting from advanced and operational training, ground support to reconnaissance and air-to-air missions
- Regularly participating in international exercises (Tactical Leadership Programme, NATO Air Meet, Clean Hunter, Flying Rhino)
- Aero is a long-term partner to the Czech Air Force in support of the L-159 fleet

FINAL PRODUCTION TRADITION

Aero | VODOCHODY

- 2000 **Ae 270** Single-engine turboprop aircraft
- 1997 **L-159** Advanced training and light combat aircraft
- 1992 **L-59 Super Albatros** Jet training and light attack aircraft
- 1968 **L-39 Albatros** Jet training and light attack aircraft
- 1962 **MiG-21** Supersonic fighter
- 1959 **L-29 Delfin** Jet training aircraft
- 1958 **MiG-19** Supersonic fighter
- 1953 **MiG-15** Jet fighter
- 1947 **Ae-45** Twin-engine utility aircraft
- 1942 **Siebel Si-204D** Twin-engine military aircraft
- 1939 **Bücker Bü-131** Training and aerobatic biplane
- 1938 **A-300** Twin-engine low wing bomber
- 1938 **A-304** Twin-engine low wing military aircraft
- 1936 **Marcel Bloch MB.200** All-metal bomber
- 1932 **A-101** Military biplane family
- 1929 **A-34** Sport and training aircraft
- 1925 **De Havilland DH-50** Airliner
- 1923 **Ab-11** Family of military biplanes
- 1921 **A-10** First in-house designed civil airliner
- 1919 **A-1** First in-house designed military trainer



L-59T



L-39C



L-29



Ae 270



Bücker Bü-131



Ae-45

Marcel Bloch MB.200



A-1

MiG-15



**WE HAVE ALWAYS RESPONDED TO LATEST
MARKET CHANGES AND FOCUSED ON
THE HIGHEST QUALITY OF CUSTOMER SUPPORT**