LET Aircraft Industries

GROUP OMNIPOL

COMPANY PROFILE

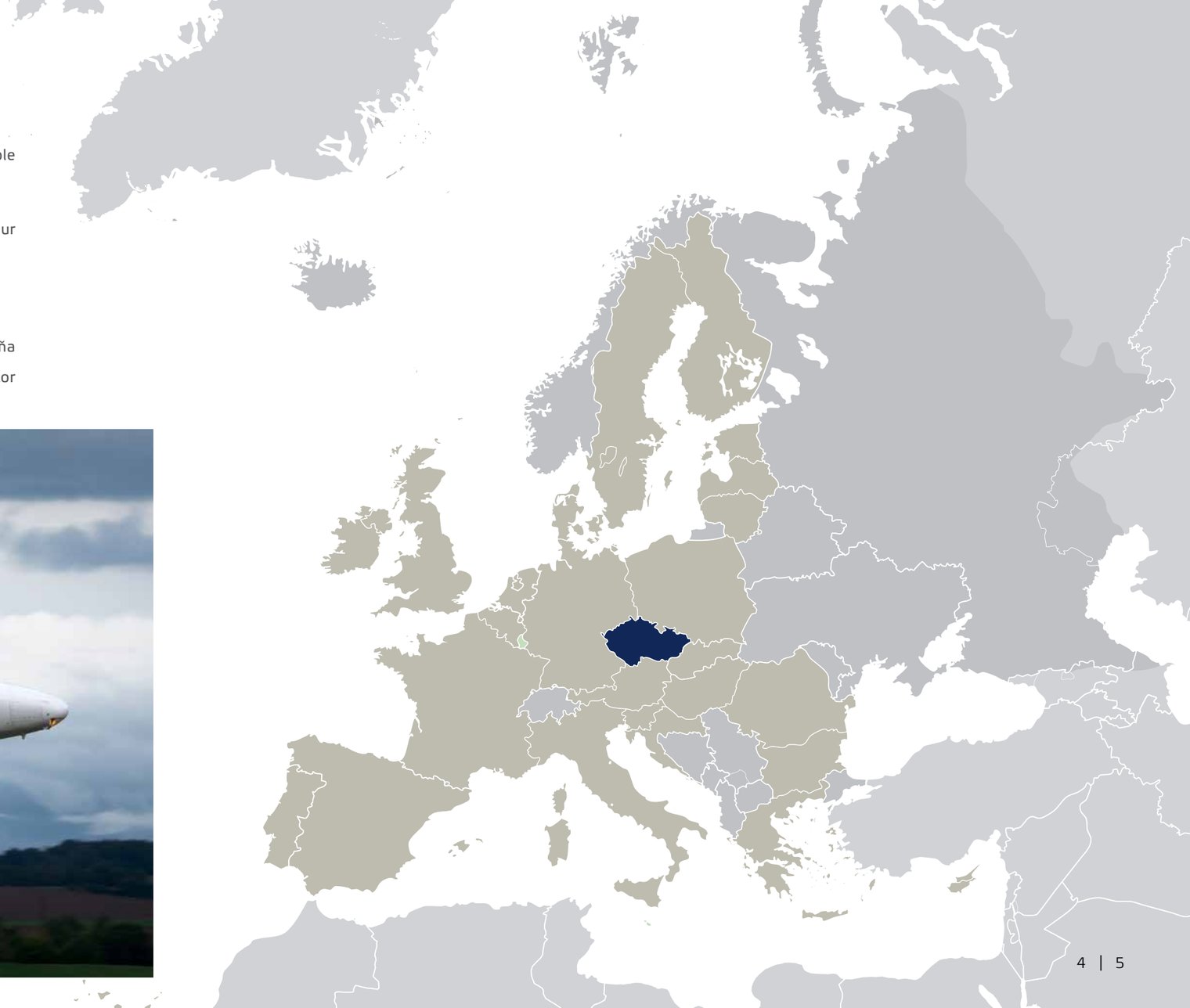
OUR VISION

Our aim is to offer our customers aircraft of the highest quality, presenting a safe, reliable and affordable option for the transport of both passengers and cargo.

We provide a first-class service and focus on building long-term, mutually beneficial relationships with our customers and partners.

Ing. Pavel Polehňa

Aircraft Industries, a.s. General Director



COMPANY PROFILE

We are a company with more than 80 years of experience in aviation and today we are mainly engaged in the development, manufacture, sales and servicing of L 410 aircraft. We put a lot of focus on research and development, cooperate with companies involved in various fields of business, operate a private international airport in Kunovice and we also run Aviation High School.

- Largest manufacturer of commuter aircraft in CZ
- More than 80 years of history, established in 1936
- 1 000 employees and still growing
- Exporting to 60 countries around the world
- Over 8 000 aircraft produced

Production Organisation Approval Part 21, POA no. CZ.21G.0043

Maintenance Organisation Approval Part 145, MOA no. CZ.145.0038

Training Organisation Approval Part 147, MTO no. CZ.147.0010

Design Organisation Approval Part 21, DOA no. EASA.21J.119

Approval Certificate for Testing of Aircraft CAA-TI-012-n/99, no. L-3-059/7

Certificate of quality system complying with COS 051622 (AQAP 2110)

Certificate of Quality Management System in accordance with ISO 9001:2015

Authorization to manage continued airworthiness Part CAMO, no. CZ.CAMO - 0038

COMPANY HISTORY

1936
Branch of AVIA Letňany established

1940

1951
Construction of new LET Kunovice premises

1953

First flight of C-11 (JAK-11 licence)

1957
First flight of L-200 Morava

1958
First flight of Aero Ae-145

1959
First flight of L-13

1960

1963
First flight of Z-37 Čmelák and L-29 Delfín

1969

First flight of L 410, serial production begins

1988

First flight of L-23 Super Blaník
First flight of L-610

1990

1991
Privatization of the company, "AERO" holding becomes 100% owner.

1993
L 33-Solo – production starts

1998
"Ayres Corporation Inc." becomes the majority shareholder. LM-200 Loadmaster – aircraft development begins (ended in 2001). Unexpected termination of the L-610 project.

2001
MORAVAN – AEROPLANES a.s. Otrokovice becomes a new owner, the company renamed to "Letecké závody".

2005
PAMCO INT. a.s. becomes 100% owner, company rename "Aircraft Industries, a.s.".

LET Aircraft Industries

2005

2008
UMMC owns 51% of the shares.

2009
L 410 UVP-E20 aircraft receives the Russian Type Certificate. Modernization of L 410 begins as part of the ADATO project.

2010

2010
Start of L 410 modernization project – MOSTA. ADATO project continues.

2012
Partial completion of certification process for the installation of new GE H80-200 engines and AV-725 propellers on L 410 UVP-E20.

2013
Certification of L 410 UVP-E20 with new engines, operation approved by EASA, MAK and CAAN.

UMMC becomes sole owner of Aircraft Industries, a.s.

2015

2015
First flight of L 410 NG prototype. FAA certification of the L 410UVP-E20 with new engines completed.

2017
EASA Type Certificate for L 410 NG aircraft issued.

2018
L 410 NG receives type certification from the FAA. Start of serial production of L 410 NG.

2019

2019
The first serially produced L 410 NG completed. FATA issues Type Certificate for the L 410 NG.

2020

2022

2022
GROUP OMNIPOL

Omnipol a.s. becomes new owner.
Aircraft industries has become part of Omnipol Group.

HISTORY OF MANUFACTURED AIRCRAFT

1951
Z-124 Galánka

1952
LF-109

1953
Z-425
C-11 (JAK-11)

1957
L-200A Morava

1959
L-13 Blaník

1961
L-200D Morava

1963
Z-37 Čmelák
L-29

1969
L 410

1988
L-23 Super Blaník

1992
L-33

1997
L-13AC

L 410 aircraft

The L 410 is an all-metal, high-wing turboprop aircraft that is exceptionally reliable and safe to operate even in extreme climatic conditions. It is used in more than 60 countries across five continents. Since 1969 more than 1 200 L 410 aircraft have been manufactured.

The L 410 is operated as a civilian aviation aircraft by commercial airlines, government agencies as well as the military and aviation clubs around world. It is a multi-purpose aircraft, produced in many modifications. The L 410 constitutes an ideal combination of high performance and economical operation for the transport of civilians and cargo for short and medium range routes.

The latest and the most advanced model of this famous series is the L 410 NG.

» **EXCELLENT ENGINE PERFORMANCE**
in hot temperatures and at high altitude conditions

» **THE MOST SPACIOUS PASSENGER CABIN** in its category

» Operates in **EXTREME WEATHER CONDITIONS** (-50 °C to +50 °C)

» Outstanding **SAFETY** record and **RELIABLE OPERATION**

» **DURABLE RETRACTABLE LANDING GEAR** enables take-off and landing on unpaved strips

» A range of **SPECIAL INTERCHANGEABLE CONFIGURATIONS** increasing the utility value of the aircraft

» **LOW** operating and maintenance **COSTS**

» Designed for **SHORT TAKE-OFF AND LANDING (STOL)**

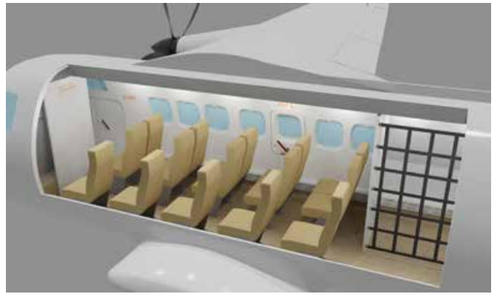
VERSIONS OF THE AIRCRAFT

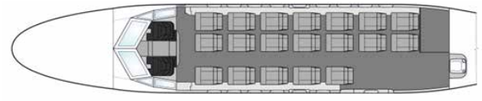
The spacious, oval fuselage almost 18 m^3 of passenger cabin volume, provides the highest standard of passenger comfort.

The space allows maximum versatility in configuration, ensuring a number of different applications and special missions.

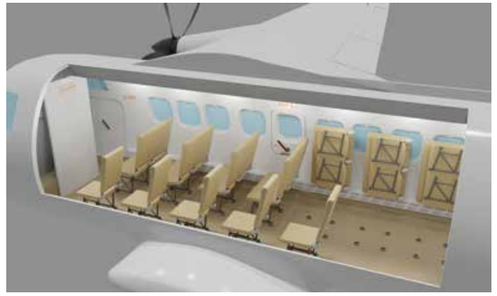
- Standard passenger
- Foldable seats kit
- Cargo
- Air ambulance
- Emergency medical services
- Sky diving
- Photogrammetric scanning, maritime, surveillance and patrol

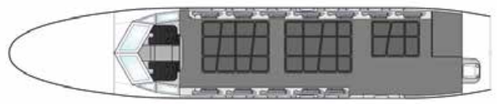
Standard passenger



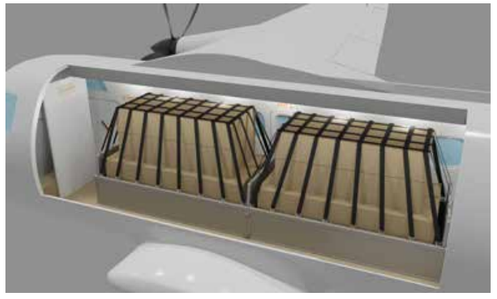


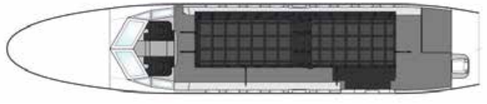
Foldable seats kit



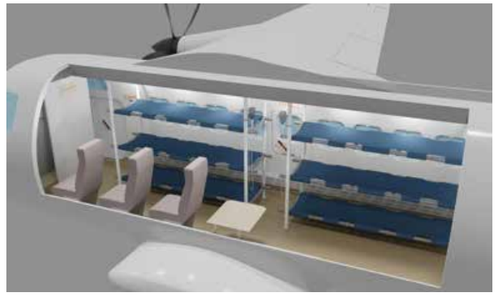


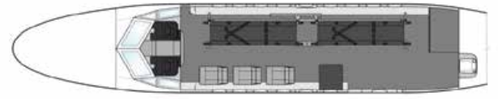
Cargo



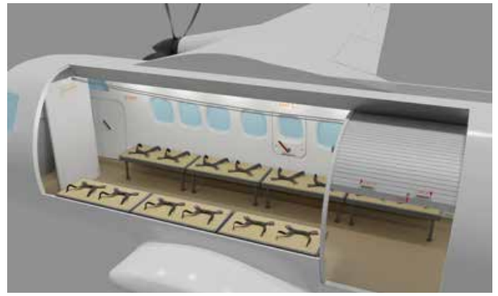


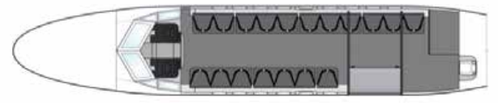
Air ambulance



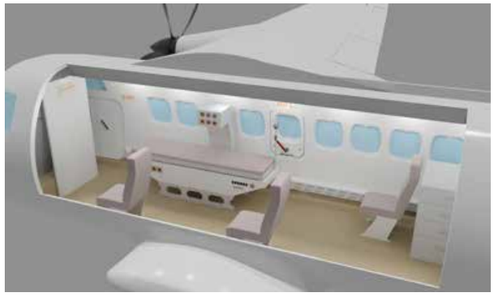


Sky diving

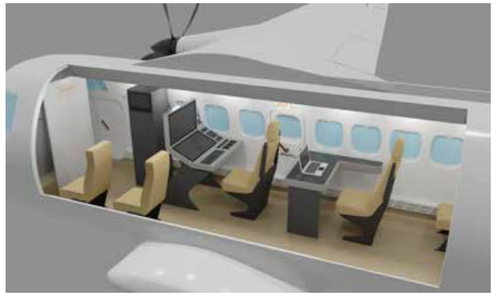


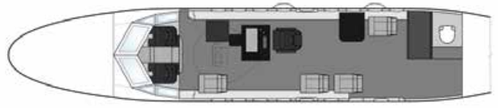


Emergency medical services



Photogrammetric scanning, maritime, surveillance and patrol





L 410 UVP-E20

The L 410 UVP-E20 model entered production at the end of the 1980s. Since then more than 200 have been made. This model remains the longest produced of the L 410 which even nowadays fully meets the customers' requirements and is supplied all around the world.

The aircraft is certified for: EU (EASA), USA (FAA), Russian Federation (FATA), Brazil, Argentina, Chile, Peru, Venezuela, Cuba, India, Nepal, The Philippines, Indonesia, South Africa, Algeria, Taiwan, Turkey and more to come.

The lifespan of this aircraft is 30 000 flight hours and still increasing.

Maximum Cruise Speed	405 km/h	219 KTAS
Maximum Range*	1 500 km	810 NM
Maximum Endurance*	5,1 h	306 min
Maximum Operating Altitude	4 200 m	14 000 ft
One Engine Inoperative Ceiling	4 755 m	15 600 ft
Service Ceiling	8 382 m	27 500 ft

** 45 minutes reserve*

Engines

Model	GE H80-200
Producer	GE Aviation Czech s.r.o
Take-off Performance	597 kW / 800 SHP
TBO	3 600 – 4 000 FH
Empty Weight	201 kg / 447 lb

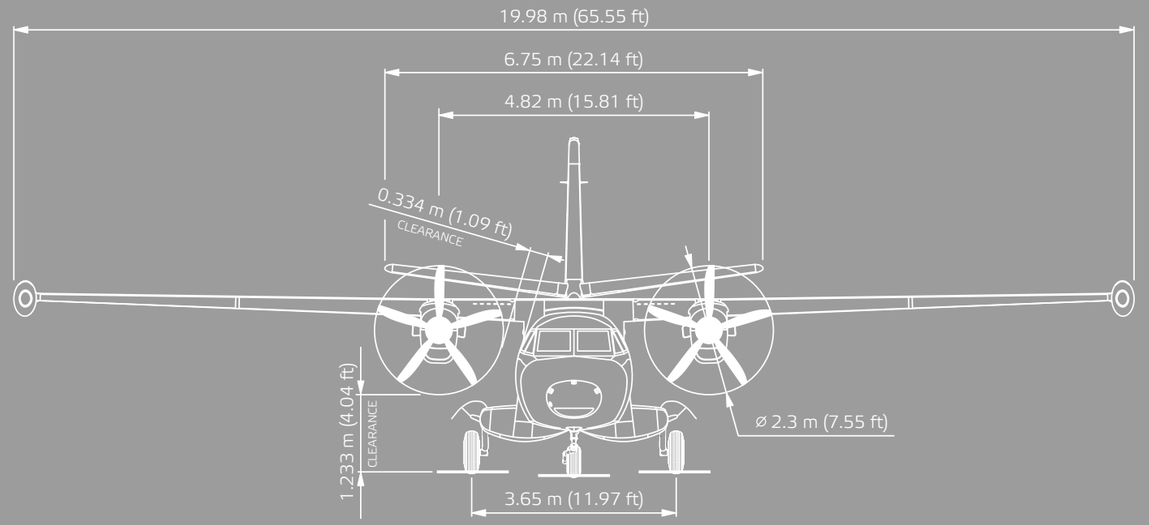
Propellers

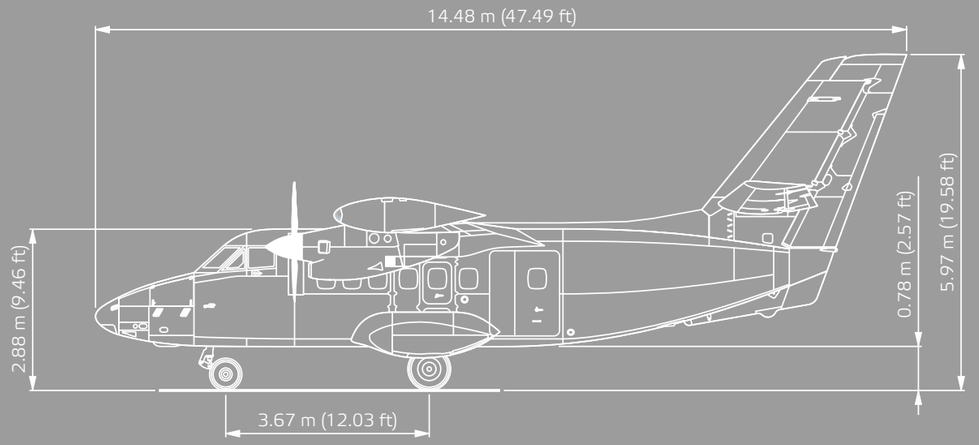
Model	AV-725
Producer	Avia Propeller s.r.o., Czech Republic
Propeller speed	1 950 RPM
TBO	3 600 FH / 6 600 FC
Weight	88 kg / 207 lb

Rate of Climb	8,5 m/s	1 673 fpm
Rate of Climb One Engine Inoperative	1,8 m/s	354 fpm
Take-off Distance Required (TODR)	510 m	1 673 ft
Landing Distance Required (LDR)	500 m	1 604 ft

Passenger Cabin Volume	17,9 m³	632 ft³
Passenger Door	0,8 x 1,46 m	31,5 x 57,5 in
Cargo Door	1,25 x 1,46 m	49,2 x 57,5 in
Seat Pitch	0,76 m	29,9 in
Baggage Compartment Capacity	1,47 m³	51,9 ft³

Maximum Take-off Weight	6 600 kg	14 550 lb
Maximum Landing Weight	6 400 kg	14 109 lb
Maximum Zero Fuel Weight	6 000 kg	13 228 lb
Maximum Payload	1 800 kg	3 968 lb
Maximum Usable Fuel	1 300 kg	2 866 lb





L 410 NG

The L 410 NG is the latest 410 aircraft. Its development was launched in 2010 under the MOSTA project, serial production began in 2018. This innovative model offers an improved flight envelope, use of advanced technologies and modernized avionics.

The new design of the wing with an integrated fuel tank provides increased fuel capacity, allowing for a considerably longer flight range and endurance. Another crucial improvement is the increase of MTOW and payload, resulting in the ability to carry an extra 500 kg of cargo, with increased volume provided by the nose extension. The aircraft is equipped with a more powerful GE H85-200 engine and AV 725 propellers.

Thanks to the implementation of these significant changes, the customer will receive an aircraft with improved performance, including a higher cruising speed and better performance of engines in hot temperatures at high altitude. By following the damage tolerance philosophy in the design, we have also considerably increased the lifespan of the aircraft.
The cockpit is equipped with Garmin 3000 touchscreen glass integrated avionics system.

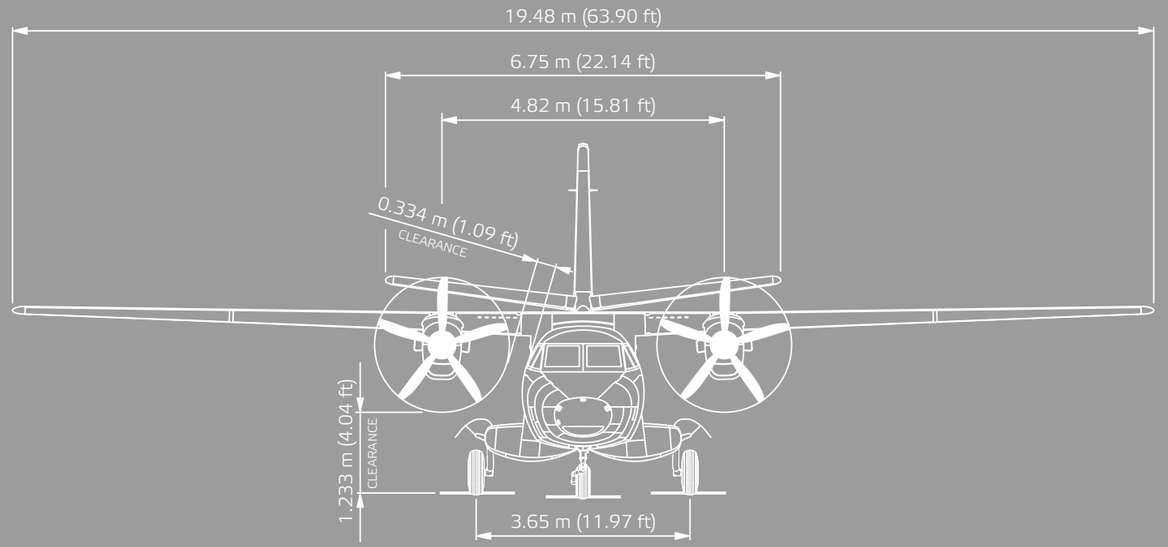
The aircraft has been certified in accordance with EU (EASA), USA (FAA), Russian Federation (FATA) regulations.

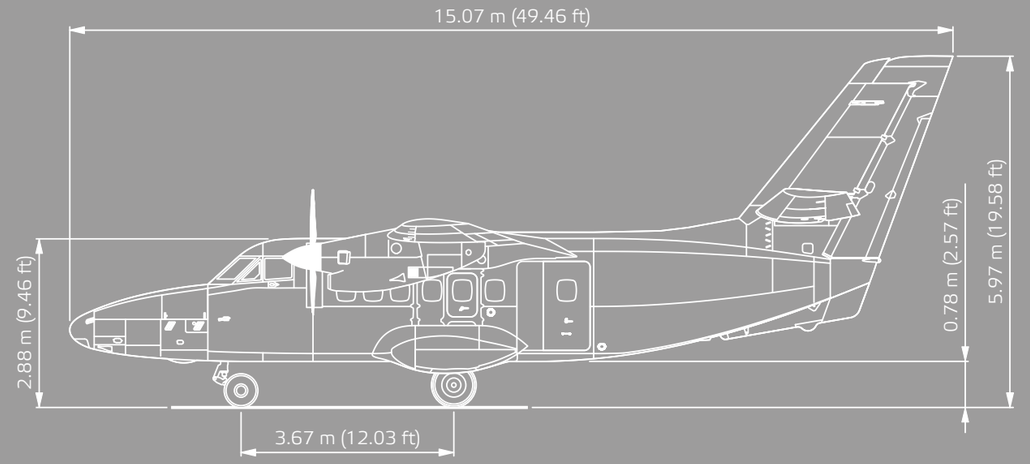
Maximum Cruise Speed	417 km/h	225 KTAS
Maximum Range*	2 100 km	1 134 NM
Maximum Endurance*	8,5 h	510 min
Operating Altitude	4 000 m	13 000 ft
Service Ceiling	6 100 m	20 000 ft

** 45 minutes reserve*

Passenger Cabin Volume	17,9 m³	632 ft³
Passenger Door	0,8 x 1,46 m	31,5 x 57,5 in
Cargo Door	1,25 x 1,46 m	49,2 x 57,5 in
Seat Pitch	0,76 m	29,9 in
Baggage Compartment Capacity	2,31 m³	81,6 ft³

Maximum Take-off Weight	7 000 kg	15 432 lb
Maximum Landing Weight	6 800 kg	14 991 lb
Maximum Zero Fuel Weight	6 600 kg	14 660 lb
Maximum Payload	2 300 kg	5 060 lb
Maximum Usable Fuel with tip	1 870 kg	4 122 lb





Rate Of Climb	8,5 m/s	1 673 fpm
ROC One Engine Inoperative	1,7 m/s	335 fpm
Take-off Distance Required	590 m	1 936 ft
Landing Distance Required	600 m	1 969 ft

ENGINES

Model	GE H85-200
Producer	GE Aviation Czech s.r.o
Take-off Performance	634 kW / 850 SHP
TBO	3 600 – 4 000 FH
Empty Weight	201 kg / 447 lb

PROPELLERS

Model	AV-725
Producer	Avia Propeller s.r.o., Czech Republic
Propeller speed	1 950 RPM
TBO	3 600 FH / 6 600 FC
Weight	88 kg / 207 lb

COOPERATION AND OPPORTUNITIES

We provide subcontracting services for companies within the aviation industry as well as for companies in other fields of business. While continuously expanding this portfolio, we have so far established business relationships with many companies.

We manufacture a comprehensive range of machined, moulded and ironwork parts, as well as riveted, welded and bonded assemblies. We also manufacture, inspect and put into operation the wiring and cables of aircraft electrical systems, and manufacture tubing, control rods and mechanical control systems. In addition, we produce certified electronic and mechanical assemblies for aircraft operational systems.

As far as pre-installations and installations are concerned, we assemble, install and flight test all types of aircraft manufactured. What is more, our company produces interior components and carries out the final outfitting of the passenger cabin and crew compartments. We also provide the complete surface treatment of the entire aircraft, including all details and subassemblies.

In collaboration with other companies, we offer the following: forming of aluminium alloy sheets and profiles, machining, welding, riveting, surface treatment of aluminium, heat treatment, painting, precise 3D measuring and cutting of materials.

Aero | VODOCHODY

Jihlavan

evektor

ŠKODA

RPC PROMENS

5M

MAINTENANCE, TECHNICAL SUPPORT AND SERVICE

As an aircraft manufacturer with 80 years of experience, we strive to achieve maximum satisfaction of ourcustomers and meet as well as solve the operators' needs in time and as efficiently as possible.

Our clients are looked after by a highly trained and experienced after-sales team. Customers satisfaction underpins everything we do at Aircraft Industries, our aim is to offer top-class support to our clients during the operation of their aircraft.

OUR SUPPORT TEAM OFFERS

- Aircraft technician's assistance during the initial phase of operation
- Assistance with repairs, including structural and technological procedures analysis
- Type rating training of pilots and aircraft engineers
- Delivery of special servicing and testing equipment needed for L 410 aircraft maintenance
- Assistance with new cross flights or their complex realization
- Assistance with L 410 cross flight
- Assistance relating to L 410 inspections, repairs, structural and technological analysis
- Technical consultations

WE OFFER A COMPREHENSIVE RANGE OF MAINTENANCE SERVICES APPROVED IN ACCORDANCE WITH EC REGULATIONS (PART 145):

- Periodical maintenance and revision
- Modification, upgrades and modernisation
- Re-painting services upon customer's request
- Field and in-house repairs

RESEARCH AND DEVELOPMENT

With regard to research and innovation projects, Aircraft Industries, a.s focuses on the improvement of existing aircraft models, including performance properties both traditional and in demand on the market. Moreover, the company concentrates on significant modernization and innovation of production processes, cooperates with all their key partners (in the Czech Republic and abroad), and applies the research and development results in practice.

In addition to existing modernization projects, we seek to involve Aircraft Industries, a.s. into new national and international programs that will support the continuous improvement of our aircraft in line with current market requirements and in accordance with the current technical and technological level of the aviation industry in the world.

KUNOVICE AIRPORT / Private International Airport

International Airport Code ICAO/IATA: LKKU/UHE

Aerodrome coordinates: N49º01’46” E017º26’23”

Type of operation: IFR, VFR

Owner and operator: Aircraft Industries, a. s.

- Commercial air transport (unscheduled, international, domestic)
- Aerial work
- Test flights
- Operation of gliders and hot air balloons
- Recreational and sport flights
- Training flights

AVIATION HIGH SCHOOL

Our company has founded the Střední škola letecká s.r.o. (Aviation High School) that is based on the company premises. The school specializes in the education of aviation mechanics of all categories and has been certified by EU aviation authorities under the EASA Part 66 Aviation Regulation for the training of aircraft maintenance personnel. Students may therefore gain not only the high school graduation diploma and a vocational certificate, but also an aircraft maintenance licence for aircraft of all weight categories.

The school uses two service centres, including two L 410 UVP's, where students can carry out all types of maintenance. The Aviation High School is currently part of an aviation training organisation in accordance with PART 147 and while studying students can take state exams to become licensed maintenance mechanics – AML Part 66 (all categories A, Bl, B2, B3). This licence is valid in the EU and many other countries worldwide.

The school offers the following courses:

Aircraft Maintenance Technician

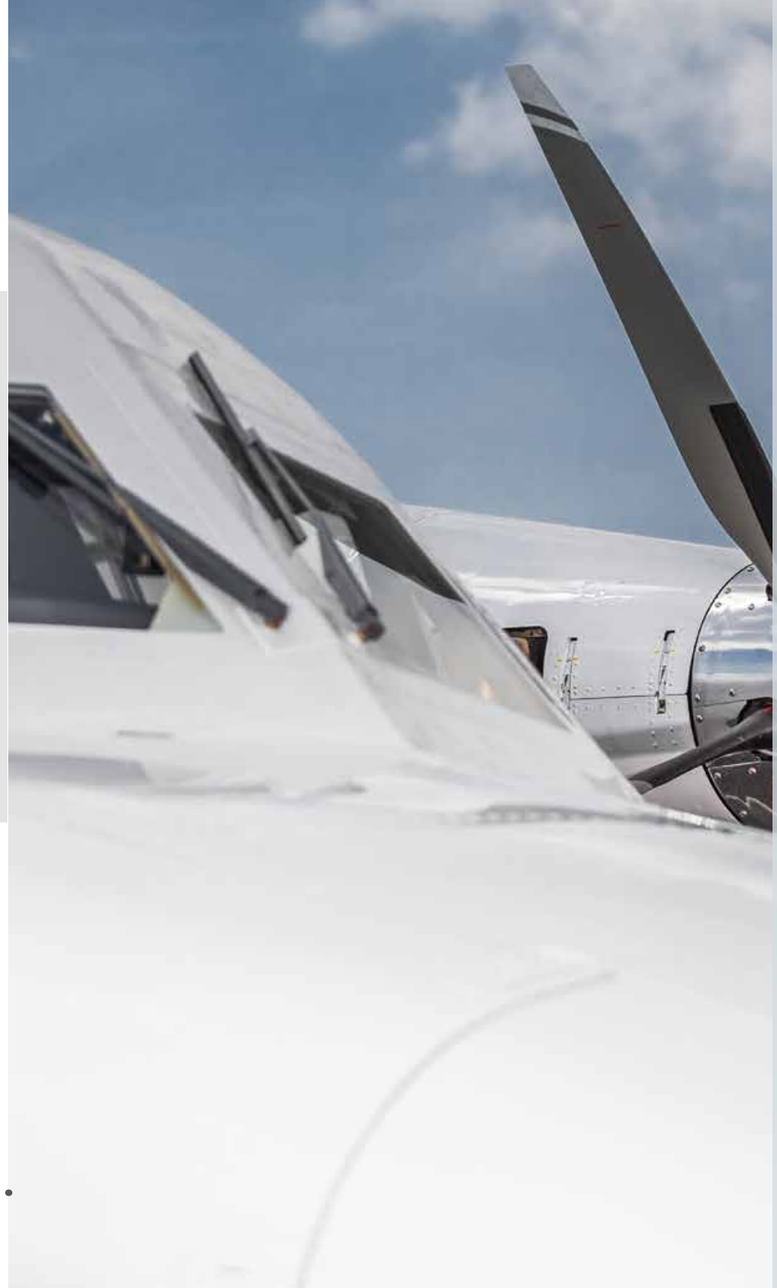
Aircraft Mechanic

Aircraft Sheet Metal Mechanic

Avionics Engineer

While studying, students participate in student work placements, internships and work together on developing projects.

For more information, visit www.ssletecka.com



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GROUP OMNIPOL

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