



**L 410**

THE L 410/L 420 FAMILY

FLYING AROUND THE WORLD

OPERATIONAL PERFORMANCE

CABIN

MODIFICATIONS

POWERPLANT

AVIONICS AND INSTRUMENTATION

PRODUCT SUPPORT



## THE L 410/L 420 FAMILY



L 410 UVP-E20

L 420

- Optimized for economical short-haul transport
- Superb „ hot & high“ capabilities
- Unsurpassed durability and proven reliability in extreme conditions
- STOL capability on unpaved, rain-soaked airstrips
- Rugged, versatile design
- The largest cabin volume of all aircraft in it's category
- Excellent stability and controllability
- Longstanding reliability & excellent safety record
- Lowest operating & maintenance costs of any airplane in it's category

## FLYING AROUND THE WORLD



The L 410/L 420 family is flying on five continents. Its durable airframe and unique design offers exceptional performance both in the torrid desert heat of Africa and Latin America as well as the most frigid regions of the world.



### GLOBAL OPERATION

No other plane better serves the short-haul transport necessities in both developed and undeveloped regions of the world than the L 410/L 420 aircraft. Operators around the globe profitably fly the L 410 in high number of applications. Over 1,100 L 410 aircraft were delivered to Europe, Africa, Asia and the Americas.

### GLOBAL CERTIFICATION

The L 410 UVP-E20 aircraft meets the FAR 23, Amendment 34 requirements and has been accepted by EASA for all EASA countries. Type Certificates for this model have been issued all over the world including Brazil, Chile, Argentina, Cuba, Australia, Indonesia, Philippines, Kenya, Tanzania, Algeria, South Africa and other countries. The L 420 aircraft has been fully certified by the FAA according to FAR 23, Amendment 41 regulation and is certified for operation in the Czech Republic, USA, Indonesia, Australia and South Africa and is also accepted by EASA for all EASA countries.



## OPERATIONAL PERFORMANCE

Regional airlines around the world operate in a highly competitive and rapidly changing environment that demands the highest standards of performance, reliability and flexibility. Aircraft must be able to provide first-class comfort, while simultaneously servicing both paved and unpaved airstrips. In the 19-seat category, no plane is better suited for short-haul transport on all kind of runways in remote and undeveloped areas than the L 410/L 420 series.



### SHORT TAKE-OFF AND LANDING CAPABILITY

With the L 410/L 420's unique design, the aircraft can operate anywhere, needing just a few hundred meters of airstrip with a minimum strength of 6 kg/sq. cm (85 lb/sq.in).

## OPERATIONAL PERFORMANCE



### HOT AND HIGH CAPABILITY

The L 410/L 420 is equally „at home“ operating in the Sahara desert or the Siberian tundra. The aircraft has proven consistent and reliable service in an exceptionally wide range of temperatures and climate conditions, from dusty and dry African savannas to rainy Amazonian Forest and from sea level to “hot and high” mountainous destinations.

### DURABLE, RELIABLE AND SAFE

Over 80% of all the L 410 aircraft ever produced are still in service. It's all metal airframe guarantees maximum life. Additionally, considerable rigidity and strength of the structure as well as high corrosion resistance and long component service lives ensure the highest level of operational reliability. For over 30 years the L 410 has proven its exceptional quality and reliability.

### EXCEPTIONAL VALUE

With low acquisition costs and "up front" maintenance, the L 410/L 420's operating costs and excellent dispatch reliability make it the most affordable and economical airplane in the commuter category.



# CABIN

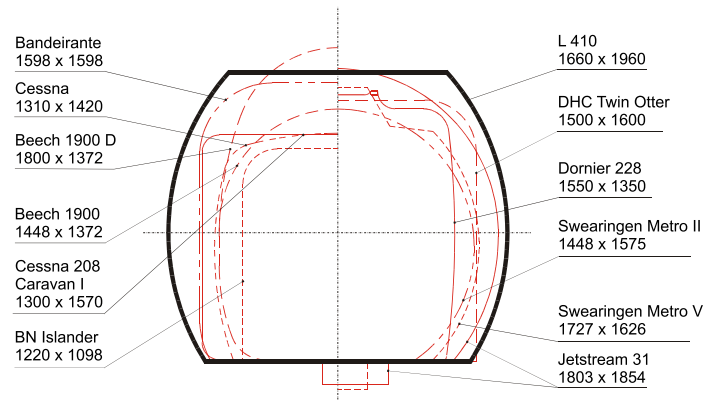
## INCREDIBLE COMFORT

The wide-body, oval cross-section fuselage with 17.9 cu m. (632 cu ft) of passenger cabin volume provides the highest standard of passenger comfort as well as maximum versatility and utilization of the aircraft for any number of applications and special missions.

Passengers luxuriate in comfortable seats occupying 76 cm (29.9 inches) of space during flight and enjoy all the comfort they usually expect in airline transport including wide aisle, ample headroom and capacious luggage storage separate from the seating area.



## WE ARE THE LARGEST



## STANDARD COMMUTER

Standard commuter seating arrangement can comfortably accommodate 19 passenger. The modern interior design provides ample headroom and legroom with large windows in each row. Separate front and rear luggage compartments are available.



## MODIFICATIONS

### CARGO

The 17.9 cu m (632 cu ft) of cabin cargo volume is ideally designed for air freight operations. Loading and unloading is made simple by the large cargo door sized 1.25 x 1.46m (4.1 x 4.8 ft). Various arrangements, including mixed (cargo/pax) variant are available.



## MODIFICATIONS

### EXECUTIVE SHUTTLE

The spacious interior and the aircraft remarkable STOL capability make the L 410/L 420 ideally suited for executives travelling to any area. The interior can be catered to any customer's specification and requirement.

### FLYING AMBULANCE, FAST MEDICAL AID

The interior can be adapted to include seats and stretchers for the ambulance version as well as special medical accessories, lamps, surgery table, oxygen, etc. for a fast medical aid version.

### SPECIAL MISSIONS

The L 410/L 420 series represent an ideal platform for various special mission applications including skydiving, MPA/MSA, photogrammetric and other versions.



## POWERPLANT

### ECONOMIC

The efficient and reliable Walter M601-E/F engine series have a long, remarkable history of durable operation under the most rigorous conditions all over the world. The two-shaft, reverse-flow turboprop engine is equipped with a water injection system ensuring superb "hot and high" performance.

Low fuel consumption and low-cost maintenance make the engine highly competitive and extremely cost effective.

### CONSISTENT PERFORMANCE

A five-blade AVIA V510 highly efficient propellers are extremely durable and resistant to rough conditions on unpaved airstrips. The propeller is equipped with a system of automatic, manual and emergency feathering. Reverse-thrust setting is controlled by the power control lever.

### OPERATIONAL ON ANY SURFACE

The robust landing gear and low pressure tires enable the L 410/L 420 to operate effectively even on rain soaked, undeveloped airstrips. The front and main landing gear is equipped with two-chamber shock absorbers and the main wheels have state of the art disc brakes with an ABS antiskid system.





## AVIONICS AND INSTRUMENTATION

Our primary flight deck considerations have always been safety, comfort and convenience. Therefore, the L 410/L 420 employs the state-of-the-art avionics systems in various configurations, including all common instrumentation.



### OPTIONS INCLUDE:

- High Frequency Transceiver (HF)
- Autopilot
- Enhanced Ground Proximity Warning System (EGPWS)
- TCAS II
- EFIS



## PRODUCT SUPPORT

### FIRST CLASS SERVICE

We are dedicated to providing unsurpassed, worldwide product support. Our commitment includes:

- Pilot and Mechanic on-site Training
- Warranty Program
- Factory Engineers Operational Assistance
- Aircraft Upgrades and Modifications

We will work tirelessly to make our product and customer support the very best in the business.







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