

# AW609

HELICOPTERS DIVISION







**AW609**  
TILTROTOR

**FASTER. FURTHER. HIGHER.**

## THE TILTROTOR ADVANTAGE

Avoid traffic, transfers and runways. Take off vertically and fly swiftly above the clouds to your next appointment 260 miles away in just one hour. The AW609 combines the speed, range, and comfort of an airplane with the convenience and flexibility of a helicopter. The AW609 is ideally suited for Executive and Private Transport, Medical and Rescue Services and Energy Services, delivering an unprecedented level of performance.



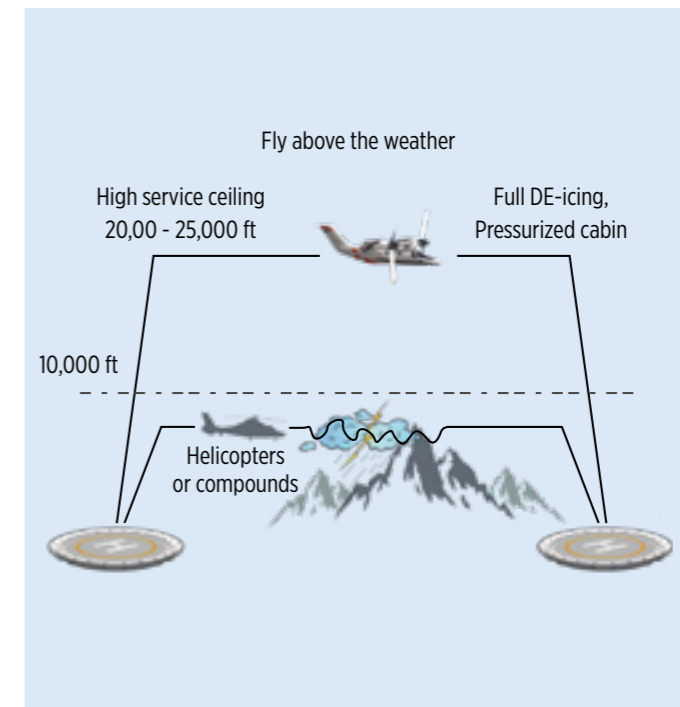


## TECHNOLOGY AND PANACHE

The AW609, with its sleek silhouette, will gently whisk you through the air at twice the speed of a helicopter in a comfortable pressurized cabin designed for cruising efficiently at 25,000 ft.

Digital VFR/IFR avionics feature triple-redundant fly-by-wire controls to reduce pilot workload and maximize situational awareness.

The AW609 is designed for flight into known icing conditions and meets the highest FAA requirements for both airplanes and helicopters including single engine operation and autorotation. Get where you're going, whether it's 50 or over 500 miles, safely, quickly and in enviable style.



### OUTSTANDING FEATURES COME STANDARD

- › Twin Pratt & Whitney PT6C-67A engines with one engine inoperable capability
- › FAA Transport Category design standards
- › Rockwell Collins Pro Line Fusion avionics
- › Composite pressurized fuselage that seats up to 9 passengers
- › Above-the-weather 25,000 feet cruising altitude
- › Fully digital, triple redundant fly-by-wire flight control system
- › Triple redundant hydraulic and electrical systems
- › Flight into known icing conditions.

### PERFORMANCE

#### Max Cruise Speed

500 km/h (270 kt)

#### Maximum Range <sup>(1)</sup>

1,389 / 1,852 km  
(700 / 1,000 nm)

#### Service Ceiling (ISA)

7,620 m (25,000 ft)

#### HIGE (ISA)

3,048 m (10,000 ft)

#### HOGE (ISA)

1,828 m (6,000 ft)

<sup>(1)</sup> with auxiliary fuel





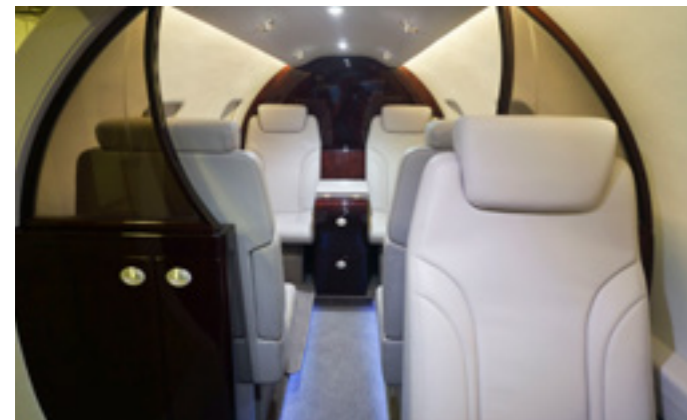
## EXECUTIVE AND PRIVATE TRANSPORT

The AW609 maximizes personal time by providing true point to point transportation, whether it's 50 or over 500 miles. Take off, fly above the weather, and land directly at your destination ready for the next meeting or a relaxed holiday. The AW609's cabin is so quiet you may wish to conduct your next meeting at 25,000 ft.

## ENERGY SERVICES

For long distance, deep water operations, the AW609 can carry up to nine passengers further and faster than helicopters. Cruising above the weather at 25,000 ft increases safety and comfort while the Transport Category/CAT A performance ensures operational safety under single engine conditions.

The AW609's ability to fly in full icing enables operations anywhere in the world, providing optimal cost per seat mile and access to remote locations.



## MEDICAL AND RESCUE SERVICES

### SAR

Once an SOS is called, response time is critical. Capable of performing a high speed "airplane" search and a vertical "helicopter" rescue, the AW609 is in a class of its own for saving lives. Long range, high speed and flight into known icing conditions make the AW609 an unrivalled asset for SAR operations and Law Enforcement. Make response time shrink when it matters most.

### EMS

In time-critical scenarios the AW609 becomes invaluable, doubling the range in the critical golden hour. Up to four medics can care for a patient in a fully medically equipped cabin. The AW609's high speed is ideal for transferring patients or organs between hospitals and specialized medical centers.



## AW609 CHARACTERISTICS

### WEIGHT (MGW)

> 8 tonne class (18,000 lb class)

### USEFUL LOAD

> Over 6,000 lbs / 2,721 kg

### PROPULSION

> Powerplant: 2 x Pratt & Whitney Canada PT6C-67A

### DIMENSIONS

> Length <sup>(1)</sup>	14.07 m	(46.16 ft)
> Width <sup>(1)</sup>	18.26 m	(59.91 ft)
> Height VTOL Mode <sup>(1)</sup>	5.12 m	(16.80 ft)

<sup>(1)</sup> Rotors turning



**6.3 m<sup>3</sup>**

Cabin volume (225.5 ft<sup>3</sup>)

**1.58 m<sup>3</sup>**

Baggage volume (55.8 ft<sup>3</sup>)

**Capacity**

Crew 2

Passengers up to 9

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