

AIRBORNE OPERATIONS

ATR-72 Specifications Sheet

ATR-72 is one of a family of twin turboprop passenger and freighter aircraft developed and manufactured by Avions de Transport Regional (ATR).

ATR-72 aircraft are recognized for their high degree of reliability and performance that results in reductions in operational costs. It can be quickly configured for either passenger or cargo transport and operate safely in austere environments and temperatures as low as -54°C. Equipped with a special kit, it is certified for landings on unpaved runways.

The aircraft is certified for low external noise performance according to FAR Part 36 and CH.3 ICAO Annex 16, ensuring compliance well within the current and CH.4 noise regulations. The 500 series features the lowest fuel consumption per passenger and CO2 emissions of regional aviation craft. It was first certified in July 1997.

Performance Specifications	Imperial	Metric
Maximum Takeoff Weights	50,265 lbs	22,800 kg
Payload	15,873 lbs	7,200 kg
Range (Max Fuel)	1,000 nmi	1,852 km
Range (with Max Payload)	785 nmi	1,454 km
Fuel Capacity	2,828 ft	862 m
Fuel Capacity (w/ Aux Tanks)	1,505 gallons	5,700 liters
Fuel Consumption	230 gallons/hour	626 kg/hour
Maximum Speed	278 knots	515 km/hour
Cruise Speed	275 knots	510 km/hour
Service Ceiling	25,000 ft	7,620 m
Dimensions		
Wing Span	89.3 ft	27.2 m
Length	88.7 ft	27.05 m
Height	25.1 ft	7.65 m
Cargo Hold Length x Width x Height	58.9 x 8.4 x 6.3 ft	17.9 x 2.5 x 1.9 m
Crew/Seating Capacity	2/70	
Engines		
Pratt & Whitney PW127M		
Thrust	2,522 eshp	

Disclaimer: Information presented herein is indicative in nature and should not be relied upon. Specifications presented are typical for the aircraft model referenced above. Actual specifications may vary depending on mission requirements.