



The ATR 72-500 represents the Latest Generation of turboprop aircraft with comfort, performance and economics which open up new horizons to regional airlines worldwide.



ATR 72-500



The Ultra Efficient Standard

Jet-like cabin and comfort

The ATR 72-500 provides the highest level of passenger comfort in its class. A range of improvements in the field of noise and vibration reduction has been implemented, namely:

- ▶ An optimized, efficient and technologically advanced acoustic treatment of the structure with the installation of Dynamic Vibration Absorbers and skin damping.
- ▶ A new look interior engineered for maximum noise attenuation and optimum comfort, through new materials and absorbent panels and carpets.

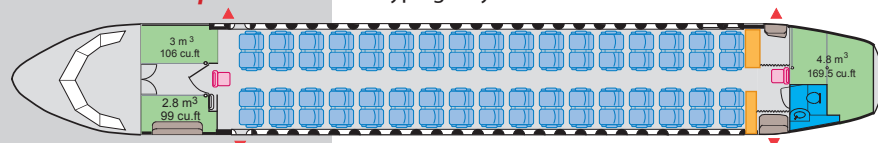
Large overhead bins including an handrail to facilitate passengers and crew movement along the cabin.

Restyled environment and modern interiors for mainline seamless services.

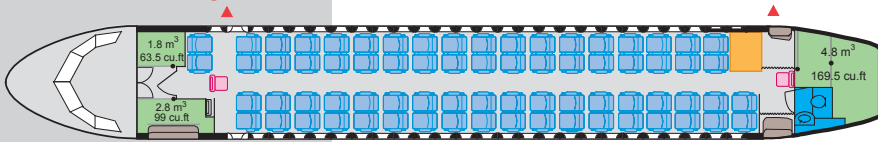


ATR 72-500 Versatility

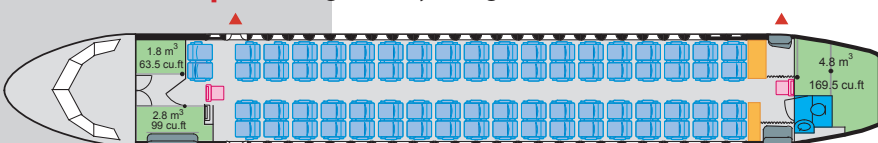
68 seats at 31" pitch with A & E type galleys



72 seats at 30" pitch with a RH bayonet partition and A + D type galley configuration



74 seats at 29" pitch - High density configuration



Attendant seat Galley Toilet Baggage Emergency exit

Volumes	68 seats @31"		72 seats @30"		74 seats @29"	
	m³	cu.ft	m³	cu.ft	m³	cu.ft
► Baggage compartment	10.60	374.5	9.4	332	9.4	332
► Baggage per pax	0.156	5.51	0.131	4.61	0.127	4.48
► Total baggage (incl. overhead bins)	13.75	485.4	12.65	446.5	12.62	444.8
► Total baggage per pax	0.202	7.14	0.176	6.20	0.171	6.01

Weights	Basic		Optional	
	kg	lb	kg	lb
► MTOW	22,500	49,604	22,800	50,265
► MLW	22,350	49,272	22,350	49,272
► MZFW	20,300	44,753	20,800	45,856
► Basic OEW	12,950	28,549	12,950	28,549
► Max. payload	7,350	16,204	7,850	17,306
► Max. fuel load	5,000	11,023	5,000	11,023

Performance	Basic		Optional	
Take-Off Field Length				
► ISA, SL, MTOW	1,290 m	4,232 ft	1,333 m	4,373 ft
► 3,000ft, ISA +10°C, TOW for 560 km (300 Nm)*	1,300 m	4,265 ft	1,300 m	4,265 ft
Landing Field Length (SL, MLW, FAR rules)	1,067 m	3,500 ft	1,067 m	3,500 ft
Max Cruise Speed (97% MTOW, 17,000 ft)	276 kts (510 km/h)			
Max Range (at full pax payload)	890 Nm (1,650 km)		1,004 Nm (1,860 km)	

* 68 pax at 95 kg

Operational Commonality

- Common Type Rating with:
 - ATR 72-200/-210
 - ATR 42-500
- Cross Crew Qualification with ATR 42-300/-320

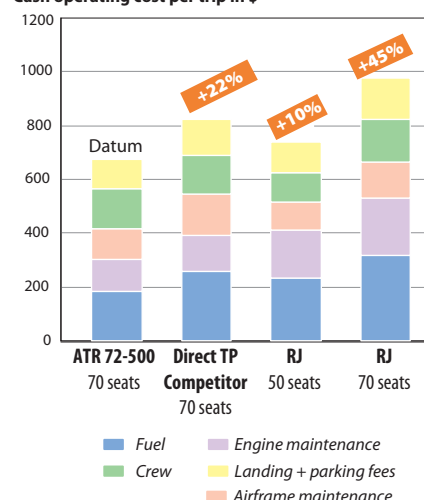
High Level of Performance

- The operational weights respond to the new regulations increasing the standard passenger weight and provide the ATR 72-500 with a maximum range of 890 Nm (1,650 km) or an out and return trip of 421 Nm (780 km) (without refuelling), both being at full passenger payload.
- Powered by PW127 engines, also used to power the ATR 42-500, the ATR 72-500 provides outstanding short field performance for an aircraft of this size, even on difficult hot and high airfields.

Detailed Cash Operating Costs

200 Nm (370 km) sector

Cash operating cost per trip in \$



Powerplant

- Same PW127 engine and controls as ATR 72-210 and ATR 42-500
- Same HS 568F 6-blade propeller as ATR 42-500

A Good Neighbour for the Environment

The ATR 72-500 complies with even the most stringent Chapter IV noise recommendations. Low fuel burn, highly efficient, it contributes a small fraction of aircraft attributable emissions.