



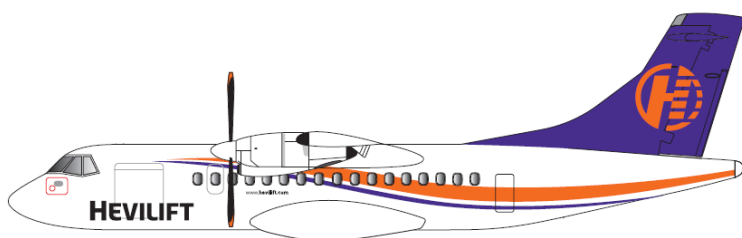
ATR 42-320

Since its introduction into service the ATR 42 has become a reference in the regional air transport industry for reliability and profitability. Remarkably simple to operate and maintain, equipped with efficient, low-fuel-burn engines, the ATR 42 operating costs are 15%–20% lower than the competition. The basic ATR 42-300 is fitted with two PW120 engines rated at 2,000 shp each.

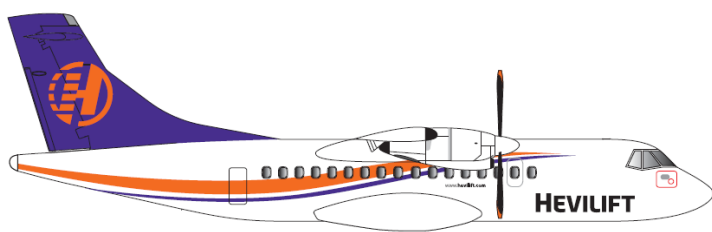
The ATR 42-320, fitted with two PW121 engines rated at 2,100 shp each, has been developed to offer increased performance for hot and high conditions and short runway operations.

About 400 first generation ATR 42 have been ordered by airlines worldwide, contributing to their development and continuous profitability.

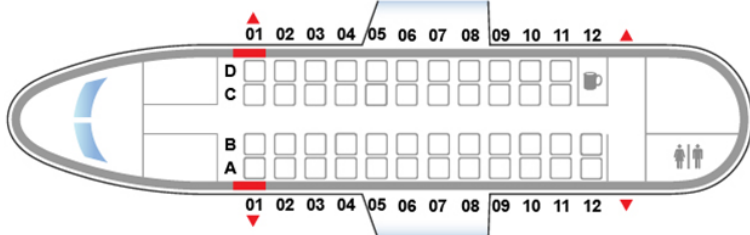
General Standard Specifications



Right Hand Side



Left Hand Side



Seating Configuration

Crew	2 pilots, 1 Cabin Crew
Capacity	48 passengers, stretcher capability
Length	22.67m (74 ft 5 in)
Width	2.8m (9ft 2 in)
Height	7.59m (24 ft 11 in)
Wingspan	24.57 m (80 ft 7in)
Wing area	54.5m ² (587 sq ft)
Empty Weight	10,285kg (22,680 lb)
Fuel Capacity	4,500 kg (9,921 lb)
Powerplant	2 x PW120, -320: PW121 1,800hp (1,300 kW) -320: 1,900 hp (1,400 kW)

Performance

Cruise Speed	270 kt (500 km/h)
Range	459 NM (850 km)
Service ceiling	7,620m (25,000 ft)






HEVILIFT

ATR 42-500

The ATR 42-500 offers a combination of high overall performance and comfort unmatched in its class, while keeping the competitive economics which are the trademark of ATR aircraft. A range of improvements in the field of noise and vibration attenuation has been implemented, namely:

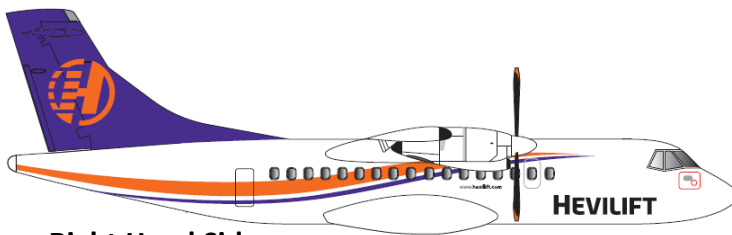
- *An optimized, efficient and technologically advanced acoustic treatment of the structure with the installation of Dynamic Vibration Absorbers and skin damping.*

Cabin interiors engineered for maximum noise attenuation and optimum comfort, through advanced materials and absorbent panels and carpets. Additional overhead bins volume compared to previous models, accommodating long items (up to 2m/6.5 ft). The ATR 42-500 is equipped with 2 PW127 engines, providing an excellent level of performance with an outstanding take-off and single engine performance maintained even in hot and high conditions.

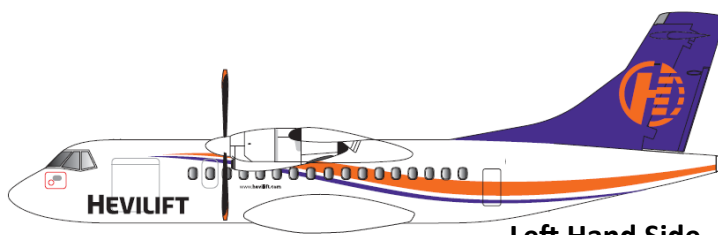


General Standard Specifications

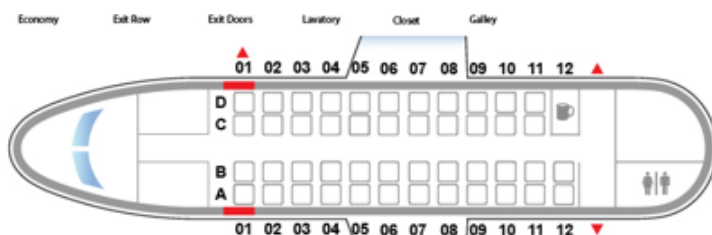
Crew	2 pilots, 1 cabin crew
Capacity	48 passengers, stretcher capability
Length	22.67 m (74 ft 5 in)
Width	2.7 m (9ft 2 in)
Height	7.59 m (24 ft 11 in)
Wingspan	24.57 m (80 ft 7 in)
Wing area	54.5 m ² (587 sq ft)
Max. take off weight	18,600 kg (41,005lb)
Fuel capacity	4,500 kg (9,921 lb)
Powerplant	2 x PW127E/M turboprop. 2,516 eshop (1,876 kW)



Right Hand Side



Left Hand Side



Seating Configuration

Performance

Cruise Speed	300kt (556 km/h)
Range	1550 NM (2870 km)
Service ceiling	7,620m (25,000 ft)

