

ATR | 42-600S

A shorter runway to wider horizons



ATR, THE LEADER IN REGIONAL AVIATION



1,600+

Aircraft delivered



200

Operators



100

Countries



1,300+

Airports served



150+

New routes
opened annually

Optimised design for Short Take-Off & Landing operations

OUTSTANDING PERFORMANCE

Capable to operate
on runways as short
as 800m

+15% POWER

For reduced take-off
distances

ENLARGED RUDDER

For additional
control on ground

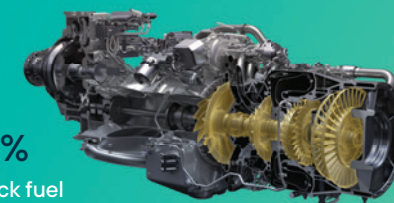
GROUND SPOILERS

For reduced
stopping distances

STEP CHANGE

In passenger comfort with
comfortable living space,
full-standing aisle and
large overhead bins

POWERED BY PW127XT ENGINES*



-3%

Block fuel

-20%

Direct Maintenance Cost

-150 tonnes

CO₂ per year

Figures for the entire ATR family

ATR

ACCELERATING SUSTAINABLE CONNECTIONS

* Compared to ATR 42-600 powered by PW127M

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STANDARD CONFIGURATION

48 seats at 30" pitch



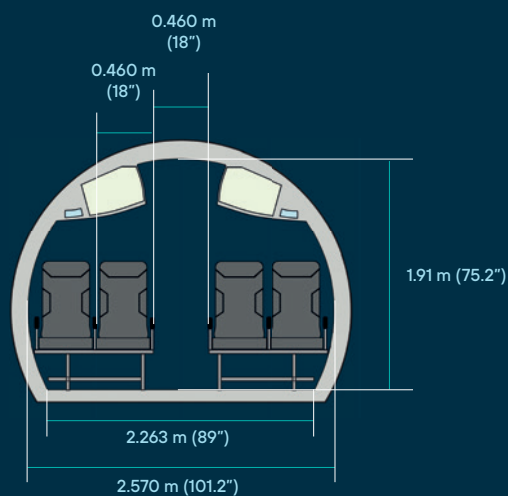
- Attendant seat
- Toilet
- Emergency Exits
- Galley
- Baggage

ENGINES

Pratt & Whitney Canada	PW127XT-L
Power	2,750 SHP

WEIGHTS

Max take-off weight	18,600 kg	41,005 lb
Max landing weight	18,300 kg	40,344 lb
Max zero fuel weight	17,000 kg	37,478 lb
Operational empty weight (typical in-service)	11,850 kg	26,125 lb
Max payload	5,150 kg	11,353 lb
Max fuel load	4,500 kg	9,920 lb



AIRFIELD PERFORMANCE

Take-off field length

> @ TOW for 200 NM, 70% load factor - ISA - Sea Level ⁽¹⁾	805 m	2,641 ft
> @ TOW for 300 NM - Max Pax - ISA +10 - Sea Level ⁽¹⁾	945 m	3,100 ft

Landing field length

> @ MLW - ISA - Sea Level (EASA Air Ops)	805 m	2,641 ft
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EN-ROUTE PERFORMANCE

Climb speed	160 KCAS	
Max cruise speed (95% MTOW - ISA - FL240)	289 KTAS	535 km/h
Fuel consumption in cruise (95% MTOW - ISA - FL240)	620 kg/h	1,367 lb/h
One engine-out net ceiling (95% MTOW - ISA +10)	4,240 m	13,900 ft
Range with max pax at long-range cruise speed ⁽¹⁾	680 NM	1,259 km

Standard routes ⁽²⁾	200 NM	300 NM	400 NM
Block fuel	577 kg - 1,272 lb	786 kg - 1,733 lb	1,019 kg - 2,247 lb
CO ₂ emissions	1.82 t	2.48 t	3.22 t
Flight time	00:49	01:12	01:32

ENVIRONMENTAL PERFORMANCE

CO ₂ per seat/km ⁽³⁾	93 g	0.21 lb
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⁽¹⁾ 95 kg pax weight - EASA fuel reserves -100 NM alternate
⁽²⁾ Max payload - EASA fuel reserves - 100 NM alternate - 10 min taxi time
⁽³⁾ 300 NM reference route
⁽⁴⁾ ICAO Annex 16 Vol I



DIGITAL VERSION

