

ATR | 42-600

The ideal local commuter



ATR, THE LEADER IN REGIONAL AVIATION



1,600+
Aircraft delivered



200
Operators



100
Countries



1,300+
Airports served



150+
New routes opened annually

Figures for the entire ATR family

Unbeatable economics

-30%

Fuel burn per trip⁽¹⁾

50%

Cash operating cost advantage⁽¹⁾

RANKED #1 ASSET

In 50-seater category ⁽²⁾
Strong asset value retention

⁽¹⁾ Compared to similar size regional jet on 300 NM
⁽²⁾ Airfinance Journal poll 2023

The most modern 50-seater aircraft

OUTSTANDING COMFORT

Up to 50 seats with comfortable living space, full-standing aisle and large overhead bins

SUPERIOR AIRPORT ACCESSIBILITY

Unrivalled access to challenging airports, hot & high, short, narrow or unpaved runways, strong crosswinds

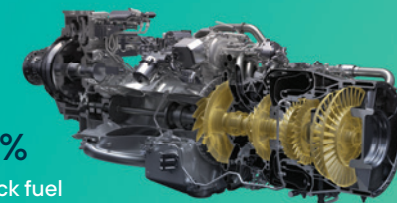
ADVANCED AVIONICS

Latest generation technologies on Performance Based Navigation, flight efficiency & situation awareness

UNRIVALLED VERSATILITY

Standard passenger cabin, cargo, medevac, maritime patrol & HighLine cabin

POWERED BY PW127XT ENGINES*



-3%

Block fuel

-20%

Direct Maintenance Cost

-150 tonnes

CO₂ per year

* Compared to ATR 42-600 powered by PW127M

ATR

ACCELERATING SUSTAINABLE CONNECTIONS

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STANDARD CONFIGURATION

48 seats at 30" pitch



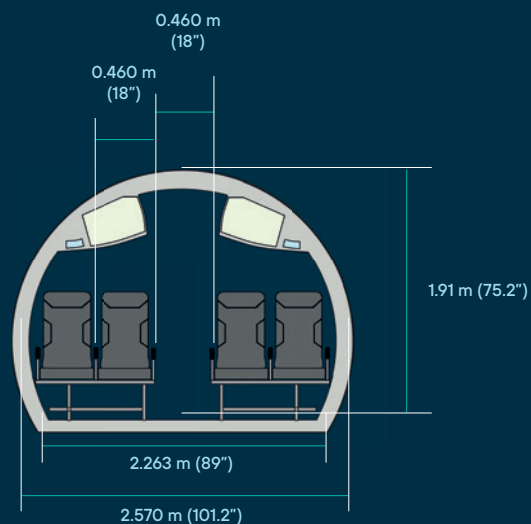
— Attendant seat — Toilet ▲ Emergency Exits
— Galley — Baggage

ENGINES

Pratt & Whitney Canada	PW127XT-M
Power	2,400 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)	11,750 kg	25,904 lb
Max payload	5,250 kg	11,574 lb
Max fuel load	4,500 kg	9,920 lb



AIRFIELD PERFORMANCE

Take-off field length

> @ MTOW - ISA - Sea Level	1,107 m	3,632 ft
> @ TOW for 300 NM - Max Pax - ISA +10 - Sea Level ⁽¹⁾	1,040 m	3,412 ft

Landing field length

> @ MLW - ISA - Sea Level (EASA Air Ops)	966 m	3,169 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)	3,960 m	13,000 ft
Range with max pax at long-range cruise speed ⁽¹⁾	726 NM	1,345 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
NOx per Landing and Take-off cycle	1.8 kg	4.0 lb
Noise margin vs. ICAO Chapter 14 certification ⁽⁴⁾	-11.4 EPNdB	

⁽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

