



ATR 42-600

The ideal local commuter



Leader in the regional segment Diverse and strong customer base



+1,600
aircraft
delivered



200
operators
around the
world



100
countries
around the
world



+1,300
airports
served
worldwide



+100
new routes
opened annually

» Figures for the entire ATR family



The most modern 30-50 seater



Comfort

From 30 to 50 seats
with outstanding
personal space and
large overhead bins



Versatility

Unpaved airfields,
short and narrow
runways, extreme cold
environment



Advanced avionics

Newest functionalities
through continuous
developments



Challenging airports

Unrivalled accessibility
to challenging airports
– hot & high, short
runways

Unbeatable economics



**Most fuel
efficient aircraft
in its category**
-30% fuel burn*



Lowest trip cost
50% advantage
on Cash Operating Cost*



Strong asset
Future-proof platform
with high residual value

* Compared to similar size regional jet

Powered by new PW127XT engines



-20%
Direct
Maintenance Cost



-3%
Block fuel



-150 tonnes
CO₂ per year



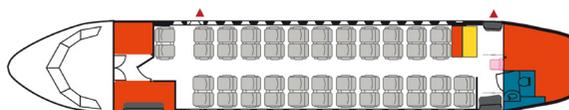
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Standard configuration

48 seats at 30" pitch



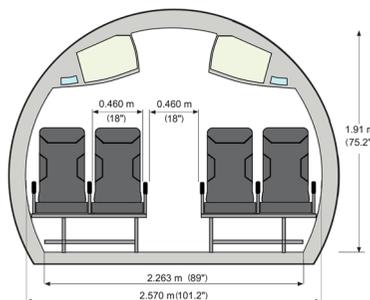
● Attendant seat ● Galley ● Toilet ● Baggage ▲ Emergency Exits

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 ⁽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
Block time	01:00	01:22	01:42

ENVIRONMENTAL PERFORMANCE

CO ₂ per seat/km ⁽³⁾	93 g	0.21 lb
NOx per Landing and Take-off cycle	2.3 kg	5.1 lb
Noise margin vs. ICAO Chapter 14 certification ^{(4) (5)}	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
⁽⁵⁾ Noise levels currently under validation

Digital version

