



ATR 42-600S

A shorter runway to wider horizons



Perfect aircraft for new market opportunities



+1,000 airports
with less than 1000m-long runways worldwide



Strong market need
to serve remote communities



A market dominated by ageing 19-30-seat turboprops out of production



Optimised design for STOL operations



Outstanding performance
Capable to operate on runways as short as 800m



2,750 SHP (+15%)
for reduced take-off distances



Enlarged rudder
for additional control on ground



Ground spoilers
for reduced stopping distances



Step change in passenger comfort
compared to older generation STOL aircraft



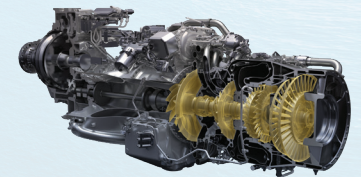
High commonality with current -600 family
Common type rating, engines and flight deck, 90% spare parts commonality



Deliveries starting 2025



Powered by new PW127XT engines





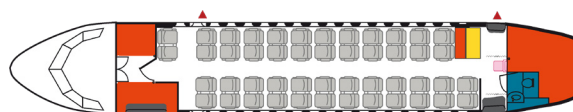
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Standard configuration

48 seats at 30" pitch



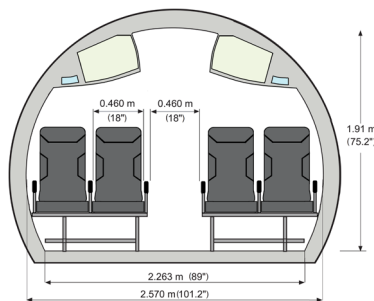
● Attendant seat ● Galley ● Toilet ● Baggage ▲ Emergency Exits

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 ⁽¹⁾

Take-off field length

> @TOW for 200 NM, 70% load factor, ISA, Sea level	800 m	2,625 ft
> @TOW for 300 NM, Max Pax, ISA +10, Sea Level	920 m	3,018 ft

Landing field length

> @ MLW - ISA - Sea Level (EASA Air Ops)	810 m	2,657 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 ⁽²⁾	680 NM	1,259 km

Standard routes ⁽³⁾	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	93 g	0.21 lb
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Digital version



⁽¹⁾ Preliminary, subject to flight tests certification
⁽²⁾ 95 kg pax weight - EASA fuel reserves -100 NM alternate
⁽³⁾ Max payload - EASA fuel reserves -100 NM alternate - 10 min taxi time
⁽⁴⁾ 300 NM reference route