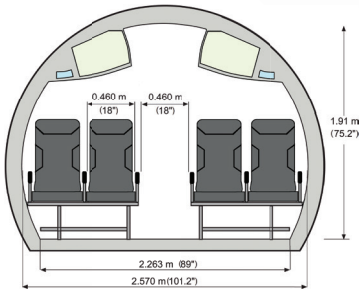
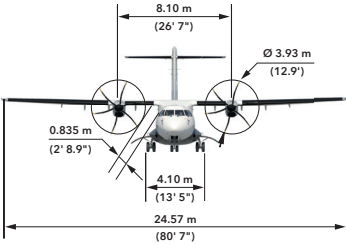
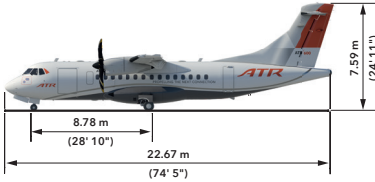
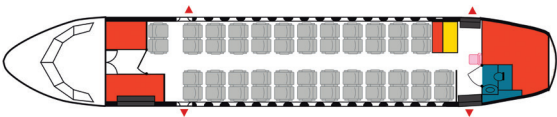


ATR 42-600



48 pax at 30" pitch



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

ATR 42-600

STANDARD CONFIGURATION

48 seats

Engines Pratt & Whitney Canada		PW127M
Take-off power		2,160 SHP
Take-off power - One engine		2,400 SHP
Max continuous		2,400 SHP
Max climb		2,160 SHP
Max cruise		2,132 SHP

Propellers Hamilton Standard		568F
Blades - diameter		6 - 3.93 m - 12.9 ft

Weights	
Max take-off weight (basic)	18,600 kg - 41,005 lb
Max landing weight (basic)	18,300 kg - 40,344 lb
Max zero fuel weight (basic)	16,700 kg - 36,817 lb
Max zero fuel weight (Option)	17,000 kg - 37,478 lb
Operational empty weight (Tech. Spec.)	11,550 kg - 25,463 lb
Operational empty weight (Typical in-service)	11,700 kg - 25,794 lb
Max payload (at typical in-service OEW)	5,300 kg - 11,684 lb
Max fuel load	4,500 kg - 9,921 lb

Airfield performance	
Take-off distance	
> Basic - MTOW - ISA - SL	1,107 m - 3,632 ft
> TOW for 300 NM - Max pax - SL - ISA	982 m - 3,221 ft
> TOW for 300 NM - Max pax - 3,000 ft - ISA +10	1,164 m - 3,818 ft
Take-off speed (V2 min @ MTOW)	112 KCAS
Landing field length (EASA Air Ops)	
> Basic MLW - SL	966 m - 3,169 ft
> LW (max pax + reserves) - SL	906 m - 2,972 ft
> Reference speed at landing	104 KIAS

En-route performance	
Optimum climb speed	160 KCAS
Rate of climb (ISA, SL, MTOW)	1,851 ft/min
Time to climb to FL170	12.7 min
One engine net ceiling (95% MTOW, ISA +10)	13,010 ft
Max Cruise speed (95% MTOW - ISA - Optimum FL)	300 KTAS - 556 km/h
Fuel flow at cruise speed	811 kg/hr - 1,788 lb/h
Range with max pax	703 NM
200 NM Block Fuel	584 kg - 1,287 lb
200 NM Block Time	60 min
300 NM Block Fuel	802 kg - 1,768 lb
300 NM Block Time	81 min