



## LEADING PARTICULARS

Maximum take-off weight	50,705 lb	23,000 kg
Maximum landing weight	49,272 lb	22,350 kg
Maximum zero fuel weight	44,092 lb	20,000 kg
Operational empty weight (average)	26,334 lb	11,945 kg
Maximum payload	19,620 lb	8,900 kg
Maximum fuel capacity	11,023 lb	5,000 kg
Maximum cruise speed	275 kt	
Maximum operating altitude	25,000 ft	7,620 m
Average fuel burn / hr	1,680 lb	762 kg
Single engine service ceiling	10,000 ft	3,048 m

## AIRFIELD PERFORMANCE

SL, optimal flaps		ISA	ISA+10°C	ISA+20°C
Maximum take-off weight	lb	50,705	50,705	50,705
	kg	23,000	23,000	23,000
Take-off distance required	ft	4,232	4,495	4,758
	m	1,290	1,370	1,450
5000 ft MSL, optimal flaps		ISA	ISA+10°C	ISA+20°C
Maximum take-off weight	lb	49,560	48,501	44,225
	kg	22,480	22,000	20,060
Take-off distance required	ft	5,315	5,840	5,282
	m	1,620	1,780	1,610

## SECTOR PERFORMANCE (50,705 lb MTOW)

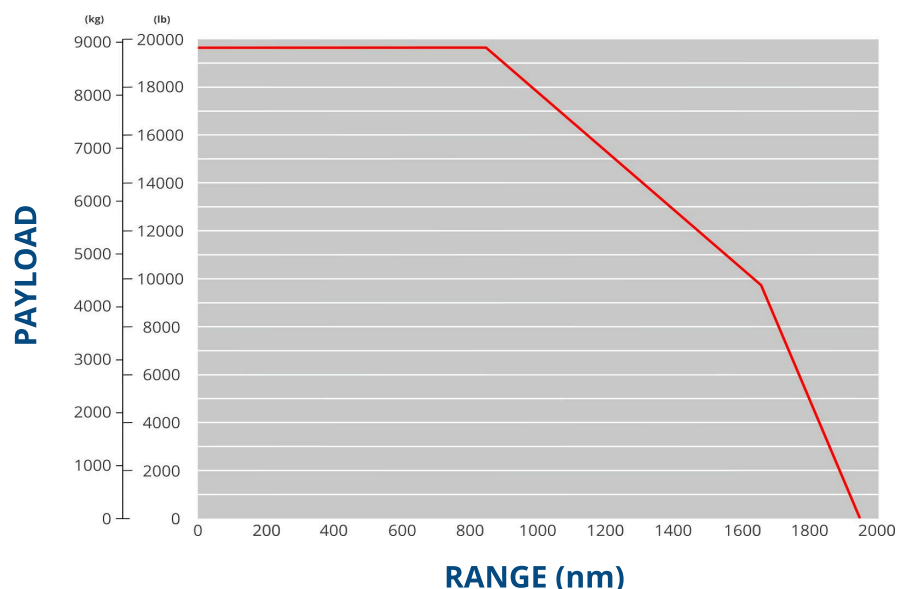
SL, ISA optimal flaps, max cruise (Includes 100 nm diversion & reserves)		100 nm	200 nm	300 nm	400 nm	500 nm
Take-off weight	lb	49,120	50,705	50,705	50,705	50,705
	kg	22,280	23,000	23,000	22,500	22,500
Block fuel	lb	960	1,997	2,936	3,902	4,113
	kg	435	906	1,332	1,770	1,866
Block time (10 min ground time)	min	0.37	1.00	1.24	1.48	2.14
Cargo	lb	19,621	19,621	19,621	19,621	19,621
	kg	8,900	8,900	8,900	8,900	8,900

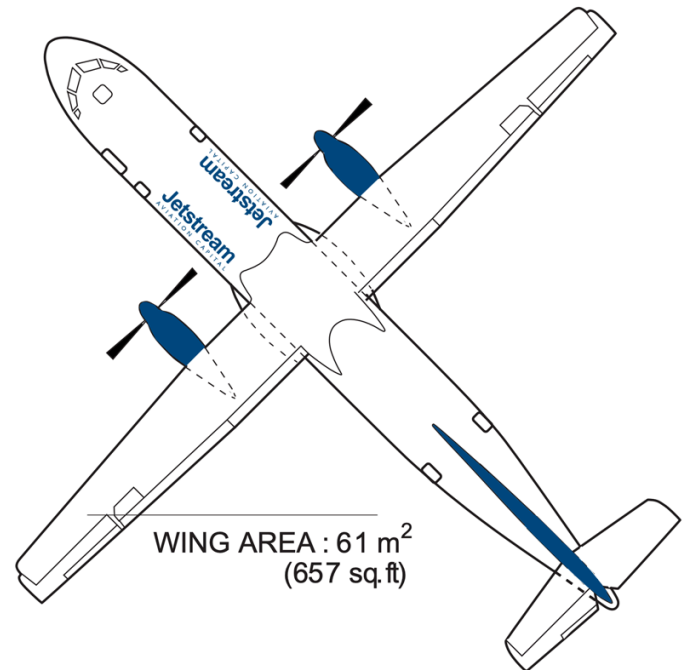
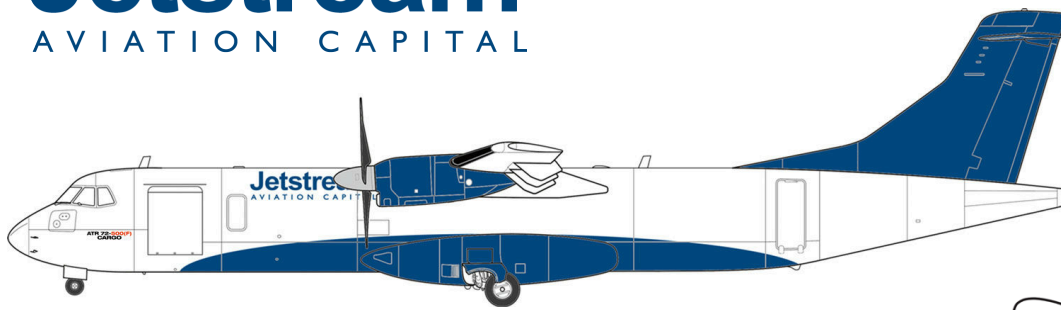
## CERTIFIED NOISE LEVELS

Fly-over	EPNdB	79.0
Sideline	EPNdB	83.2
Approach	EPNdB	92.2

## NOTE:

Aircraft performance and cargo specifications may vary depending on the conversion kit installed.





## LEADING PARTICULARS

Length	89.1 ft	27.2 m
Height	25.1 ft	7.7 m
Wing span	88.8 ft	27.0 m
Propeller ground clearance	2.6 ft	0.8 m
Cargo door (H x W)	5.0 ft x 4.2 ft	1.57 x 1.3 m
Sill height, passenger door	4.9 ft	1.5 m
Sill height, cargo door	4.0 ft	1.22 m

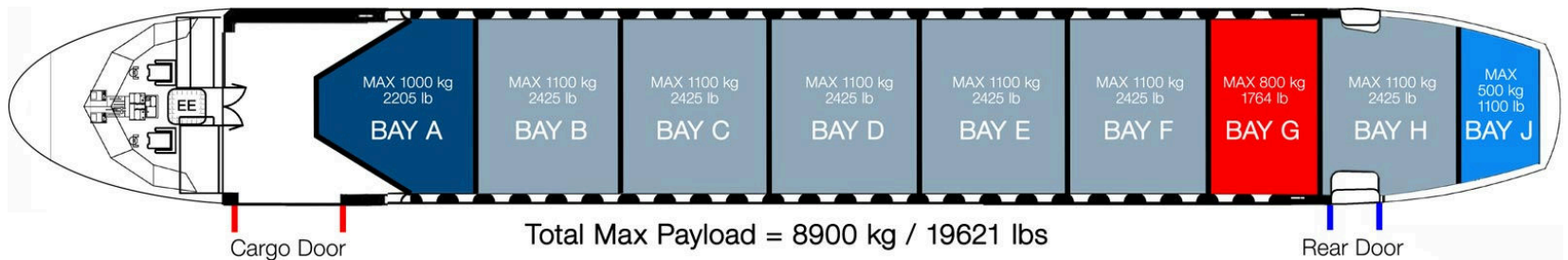
## ENGINE

(2) Pratt & Whitney Canada PW127F/M

Maximum take-off power (ISA, APR) 2,475 SHP

Propeller Hamilton Standard: 568F  
6 Blades, Diameter 3.93 m / 12.9 ft

## LAYOUT (TYPICAL)



Bay	Max Bay Payload	Floor Area		Usable Volume	
A	1000 kg / 2205 lb	45.2 sq ft	4.2 sq m	303.8 cu ft	8.6 cu m
B	1100 kg / 2425 lb	49.5 sq ft	4.6 sq m	339.0 cu ft	9.6 cu m
C	1100 kg / 2425 lb	49.5 sq ft	4.6 sq m	339.0 cu ft	9.6 cu m
D	1100 kg / 2425 lb	51.7 sq ft	4.8 sq m	353.2 cu ft	10.0 cu m
E	1100 kg / 2425 lb	52.8 sq ft	4.9 sq m	363.7 cu ft	10.3 cu m
F	1100 kg / 2425 lb	49.5 sq ft	4.6 sq m	339.0 cu ft	9.6 cu m
G	800 kg / 1764 lb	35.5 sq ft	3.3 sq m	254.5 cu ft	7.2 cu m
H	1100 kg / 2425 lb	36.6 sq ft	3.4 sq m	261.3 cu ft	7.4 cu m
J	500 kg / 1100 lb	15.0 sq ft	1.4 sq m	105.9 cu ft	3.0 cu m
		<b>385.3 sq ft</b>	<b>35.8 sq m</b>	<b>2659 cu ft</b>	<b>75.3 cu m</b>

Floor Load Limits (All Bays): 81.9 lb/sq ft (400 kg/sq m)



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