

TM

PLANE COMPARISON CHART 061609

	7X	900EX	G5	Global
<u>EXTERIOR</u>				
Length	76.1 ft	66.3 ft	96.4 ft	99.4 ft
Height	25.8 ft	24.8 ft	25.8 ft	25.5 ft
Ramp Footprint	6,545 ft ²	4,205 ft ²	9,015 ft ²	9,345 ft ²
Cabin Width (Max)	92 in	92 in	84 in	98 in
<u>INTERIOR</u>				
Width (Floor Level)	75.2 in	75.2 in	65 in	83 in
Cabin Height	74 in	74 in	72 in	75 in
Passenger Cabin Length	26.2 ft	23.5 ft	31.2 ft	27.3 in
<u>DESIGN WEIGHT</u>				
Max Ramp Weight	*69,200 lb	*48,500 lb	91,400 lb	99,750 lb
Payload w/Full Fuel (Typical)	1,760 lb	1,400 lb	1,405 lb	3,208 lb
<u>PERFORMANCE</u>				
Takeoff Distance at *MTOW:				
Sea Level, ISA	5,555 ft	5,215 ft	5,910 ft	6,440 ft
5,000 ft, ISA + 15°C	7,325 ft	6,890 ft	8,605 ft	N/A
Fuel Consumption / CO ₂ emissions	2,210 lb/hr / 3.2 mTon	1,930 lb/hr / 2.8 mTon	2,545 lb/hr / 3.7 mTon	2,900 lb/hr / 4.2 mTon
Landing Distance (Typical, 8 Pax, NBAA IFR)	2,060 ft	2,375 ft	2,230 ft	2,230 ft
Fuel Consumption (Conklin & de Decker)	380 gal/hr	314 gal/hr	454 gal/hr	532 gal/hr
Direct Operating Costs Per Hour (Conklin & de Decker, 2009 Vol. I) (Jet A @ \$4.49 / gal)	\$2,769	\$2,556	\$3,726	\$3,951
Range @ MLW	4,410 nm	2,990 nm	4,185 nm	3,555 nm
Range FROM Aspen (IFR)	3,605 nm	3,165 nm	1,510 nm	780 nm
Thrust-toWeight Ration-OEI (Typical)	0.1829 lb-f / lb	0.0204 lb-f / lb	1.6209 lb-f / lb	0.1482 lb-f / lb
<u>SPEEDS</u>				
VMO	370 kias	350/370 kias	340 kias	300/340 kias
MMO	0.90 M	0.87/0.84 M	0.885 M	0.89/0.855 M
Turbulence Penetration Speed	VMO/MMO	VMO/MMO	270 kias/0.80 M	300 kias / M.80