



KNOTS **451** 

PASSENGERS **6** 

RANGE (NM) **1,360** 

CONTACT: MATT STRINGFELLOW matt@soljets.com I +1.847.920.7000





### **AIRCRAFT LISTING DETAILS:**

Total Hours: 2205

**ENGINES:** Williams FJ44-2A

 Left
 Right

 Total Hours:
 2205
 2205

 Engine Cycles:
 1518
 1518

#### **AIRCRAFT HIGHLIGHTS:**

- · Airshow 410
- \* ADS-B
- \* CAMP Maintenance Tracking
- \* Enrolled in JSSI Premium

#### **AVIONICS:**

- \* Collins ProLine 21 Avionics Suite with Three Tube EFIS
- Dual Collins AHC-3000 AHRS
- \* Collins IFIS 5000
- Collins FGC-3000 Autopilot / FD
- Collins FMS-3000
- Collins Nav-4000 and Nav-4500
- \* Dual TDR-94D Transponders (w/Flight ID)
- \* Artex C406-2 ELT
- Honeywell Mark V EGPWS
- Collins TCAS-4000 / TCAS II
- Dual Collins ADC-3000
- Dual Collins VHF-4000 Comms
- \* WXR-800 Weather Radar
- \* Collins ALT-4000 Radio Altimeter
- · L3 FA2100 CVR



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MAXIMUM	<b>CRUISE SPEED</b>		

(35,000 ft / 10,668 m, mid cruise weight) 451 ktas 835 km/hr

### NBAA IFR RANGE (100 nm

Alternate)

Full fuel, MTOW, and Max Cruise 1.360 nm 2,519 km

### AIRPORT PERFORMANCE (Dry,

Level, Hard, Zero Wind)

Takeoff distance (SL, ISA, MTOW) 3,792 ft 1,156 m
Landing distance (SL, ISA, MTOW) 3,170 ft 966 m

**CEILING** 

Maximum certified 41,000 ft 12,500 m

### **RATES OF CLIMB**

 All engines
 948 ft/min
 288.95 m/min

 Single engine
 437 ft/min
 131.20 m/min

### **AIRSPEED LIMITS**

Vmo 320 ktas 592.64 km/hr

### **APPROACH SPEED**

Landing configuration (VREF) 121 ktas 224 km/hr

#### **PRESSURIZATION**

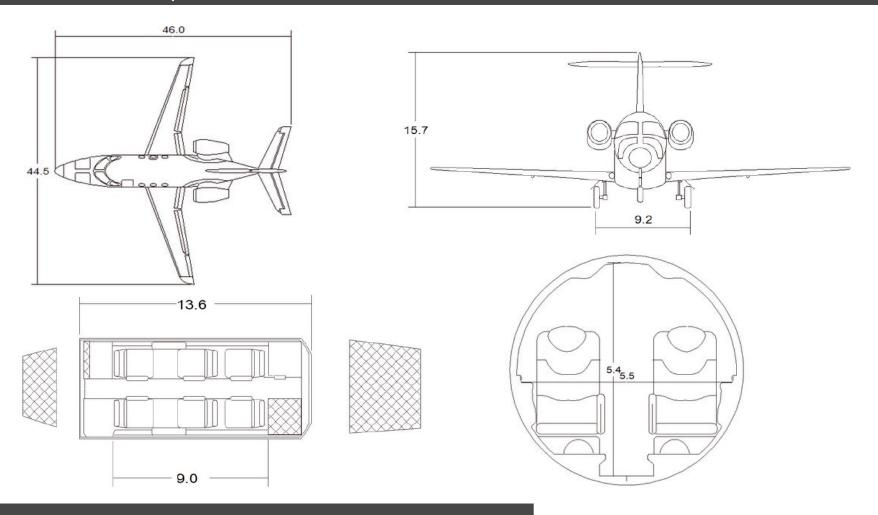
Nominal pressure differential 8.4 psi 434.4 torr





OUTSIDE DIMENSIONS			Design Weights and Capacities		
Overall length	46 ft 0 in	14.02 m	Max ramp weight	12,590 lb	5,711 kg
Overall height	15 ft 4 in	4.67 m	Max takeoff weight	12,500 lb	5,670 kg
Wingspan	44 ft 6 in	13.56 m	Max landing weight	11,600 lb	5,262 kg
			Max zero fuel weight	10,000 lb	4,536 kg
CABIN DIMENSIONS			Max fuel capacity (6.7 lb / gal)	3,670 lb	1,665 kg
Length (excluding cockpit)	162 in	4.11 m	Typical empty weight*	8,480 lb	3,846 kg
Height	65 in	1.65 m	Useful Load**	4,110 lb	1,864 kg
Width	66 in	1.68 m	Payload with full fuel	440 lb	200 kg
ENGINES					
Two (2) Williams FJ44-2A			*Reflects standard aircraft with typical options and unusable fuel / oil		
Takeoff thrust	2,300 lb	1,043 kg	**Amount of payload and fuel that can be carried based on ramp weight		











































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