



AIRCRAFT SALES CORPORATION

Falcon 50 Performance

Range	
NBAA/IFR	3176 Nautical Miles
VFR	3300 Nautical Miles
Cruise Speeds	
Maximum	480 Knots
Normal	459 Knots
Long-Range	430 Knots
Ceiling	
Normal	37,000-43,000 Feet
Certified Maximum	45,000 Feet
Rate Of Climb (MGTOW)	3,430 Feet/Minute
Fuel Consumption At Normal Cruise Altitudes And Speeds	
1st Hour	3000 Pounds
2nd-3rd Hours	2000 Pounds
Thereafter	1800 Pounds
Maximum Endurance	8:00 Hours
Average Weights	
Maximum Taxi Weight (MTW)	40,780 Pounds
Maximum Takeoff Weight (MTOW)	40,780 Pounds
Maximum Landing Weight (MLW)	35,715 Pounds
Maximum Zero Fuel Weight (MZFW)	25,570 Pounds
Avg BOW (Crew+Provisions)	22,500 Pounds
Fuel Capacity	15,520 Pounds
Useful Load	18,280 Pounds
Maximum Payload with No Fuel	3,070 Pounds
Max Payload (Pax/Cargo+Full Fuel)	2,760 Pounds
Cabin Dimensions	
Height	5.8 Feet
Width	6.1 Feet
Length	23.5 Feet
Volume	700 Cubic Feet
Baggage Areas	
Internal	25 Cu Ft
External (Nose & Tail)	90 Cu Ft
Total	115 Cu Ft