

# FF5000

## General Specifications

### Exterior Dimensions

Overall Length	116 ft
Wingspan	114 ft
Height	36 ft

### Cargo Bay Dimensions

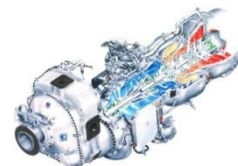
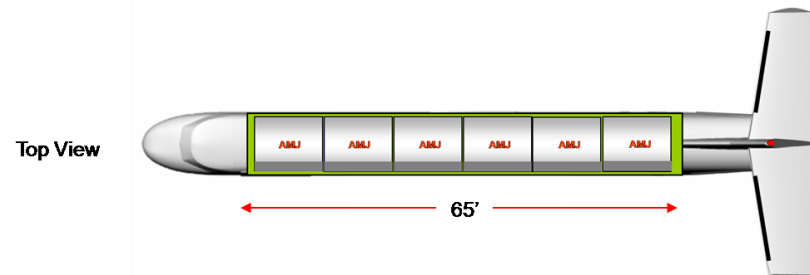
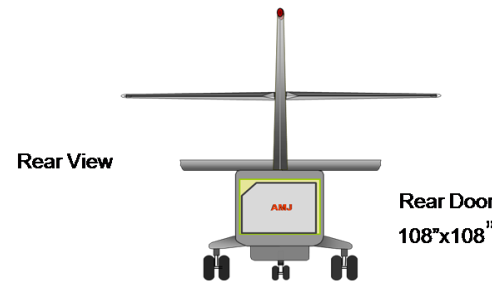
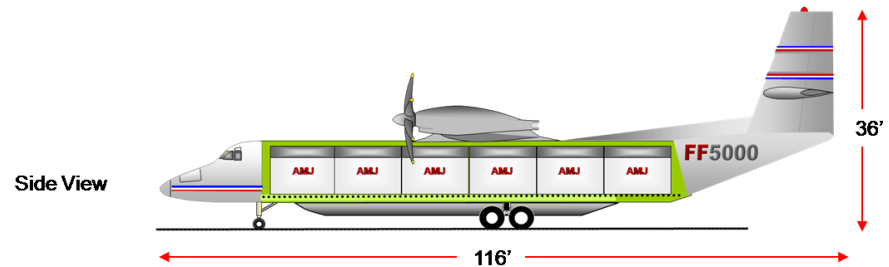
Length	65ft
Height	108 in
Width	108 in

### Weights

Max. Take Off	85,800 lb
Max Landing	83,200 lb
Zero Fuel	80,275 lb
Basic Empty	40,612 lb
Fuel Capacity	22,500 lb
Useful Load	45,188 lb

### Engines

2 Pratt & Whitney Canada Corp. PW150A	
Normal Takeoff Power	4,580 shp
Max. Power	5,071 shp
Max. Cruise Power	3,947 shp



### Range Payload:

Max Range	2,175 nm
Max Range (Max Load)	
35,000 lb Revenue Payload	878 nm
Containerized Payload	35,000 lb
Capacity M-1 ULD	6

### Speeds:

Maximum Cruise	270 kt
Normal Cruise	250 kt
Long Range Cruise	230 kt
Vmo	297 kt
Vso (sea level)	91 kt

### Airfield Performance:

FAR takeoff field length (SL, ISA, MTOW)	3,498 ft
FAR landing field length (SL, ISA, MTOW)	2,057 ft

### Ceiling:

Max. operating altitude	25,000 ft
S.E. service	15,245 ft

### Noise Level:

FAR 36	
EPNdB	
Takeoff	78.3
Sideline	84.0
Approach	94.8

