

# **FF5000**

*The Next Generation of Freight Feeder Aircraft*



Proprietary to Freight Feeder Aircraft Corporation - Copyright 2009

# FF5000

## General Specifications

### Exterior Dimensions

Overall Length	120 ft	36.6m
Wingspan	114 ft	34.7m
Height	36 ft	11.0 m

### Cargo Bay Dimensions

Length	65ft	19.8m
Height	108 in	274.3 cm
Width	108 in	274.3 cm

### Weights

Max. Take Off	85,800 lb	38,918 kg
Max Landing	83,200 lb	37,739 kg
Zero Fuel	80,275 lb	36,412 kg
Basic Empty	40,612 lb	18,421 kg
Fuel Capacity	22,500 lb	10,206 kg
Useful Load	45,188 lb	20,497 kg

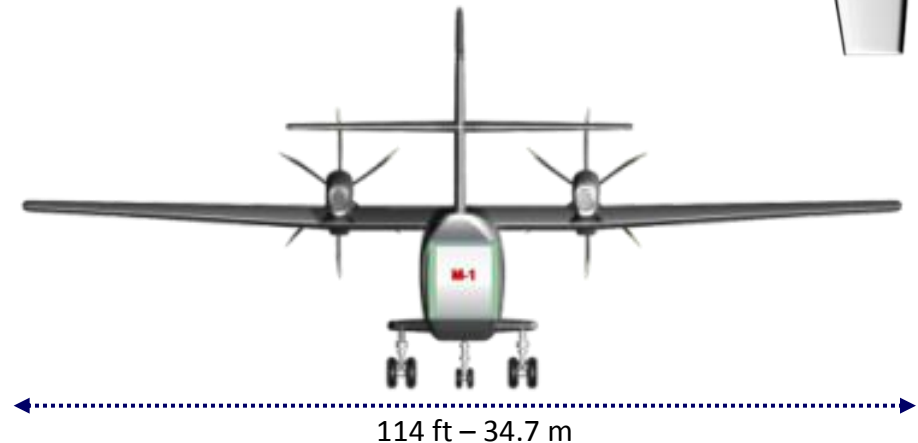
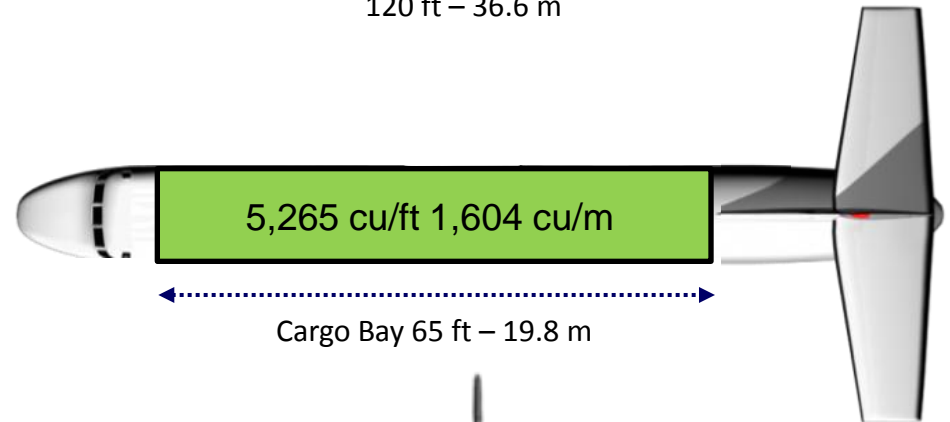
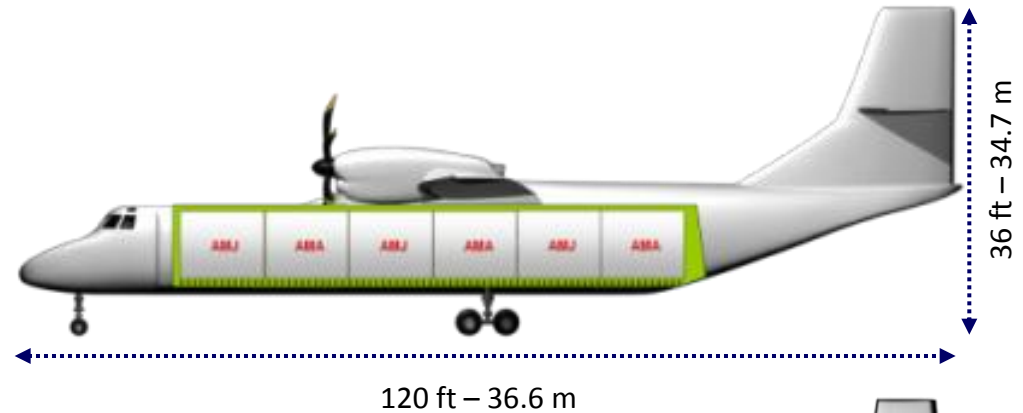
### Engines

2 Pratt & Whitney Canada Corp.

PW150A

Normal Takeoff Power      4,580 shp Max. Power  
5,071 shp

Max. Cruise Power      3,947 shp



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### Range Payload:

Max Range	2,175 nm	
Max Range (Max Load)		
35,000 lb Revenue Payload	878 nm	
Containerized Payload Capacity M-1 ULD	35,000 lb	15,876 kg
	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	1,066 m
FAR landing field length (SL, ISA, MTOW)	2,057 ft	627 m

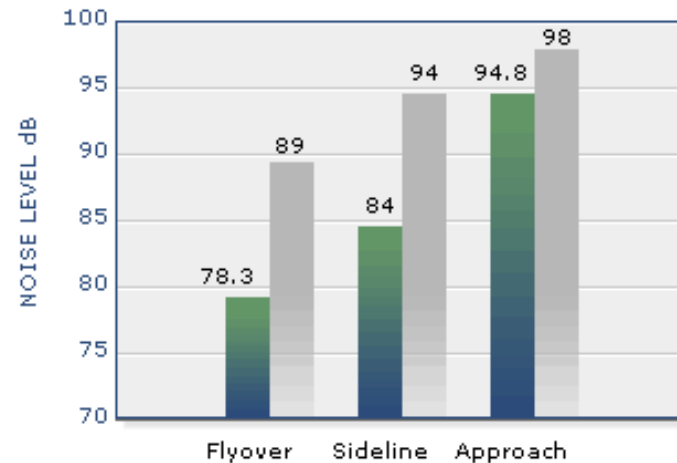
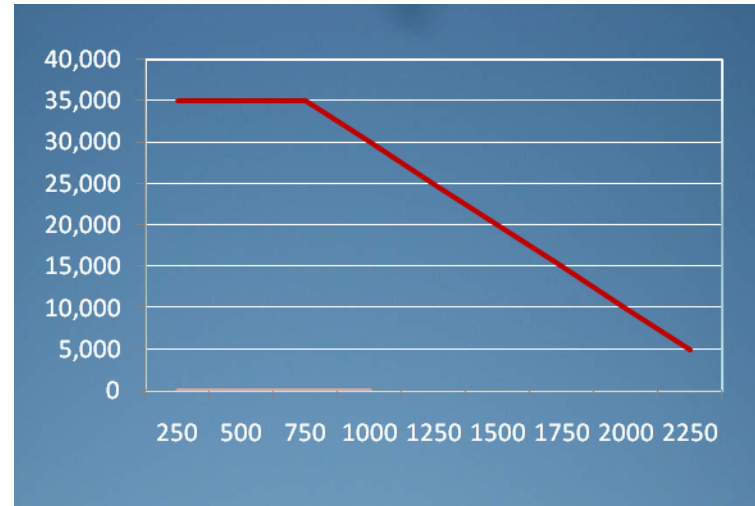
### Ceiling:

Max. operating altitude	25,000 ft	7,620 m
S.E. service	15,245 ft	4,646 m

### Noise Level:

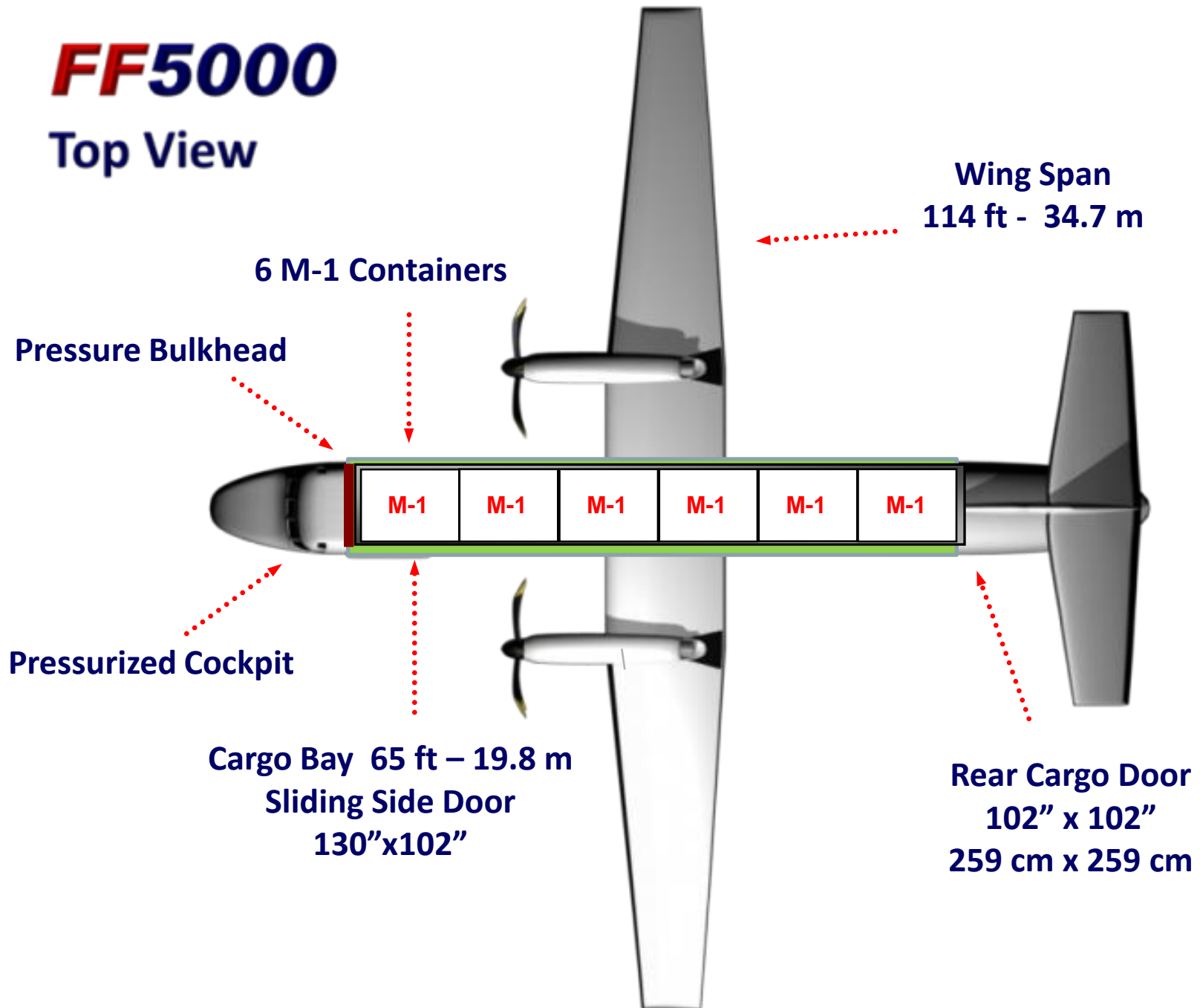
	FAR 36	
	EPNdB	
Takeoff	78.3	
Sideline	84.0	
Approach	94.8	

### Containerized Revenue Range Payload



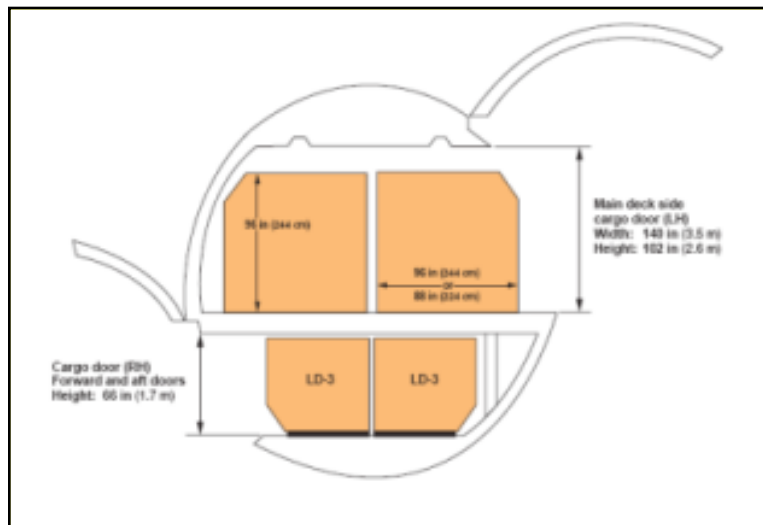
# **FF5000**

## **Top View**

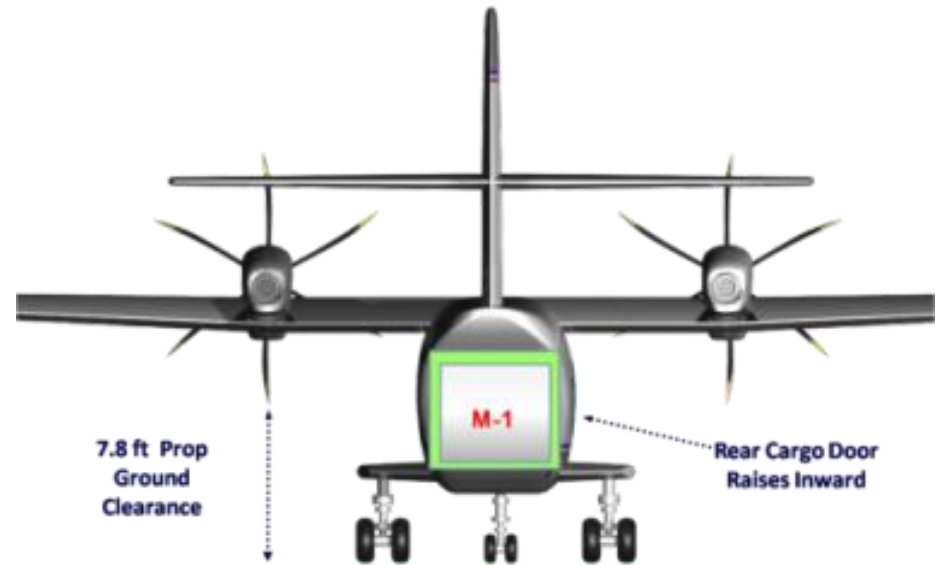


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## Cross Sections - Wide Body Aircraft Compatibility



**747 Cross Section**



**FF5000**

The FF5000 is the only Turboprop Aircraft that can accommodate Wide Body Aircraft Industry Standard Main Deck Containers