



**MAMMOTH**  
FREIGHTERS

Introducing the  
**777-200LRF & 777-300ERMF**



Mammoth Freighters LLC (Mammoth) was founded in December of 2020 by two top cargo conversion program executives – Bill Wagner and Bill Tarpley – specifically to design, develop, convert, and support the development of passenger to freighter conversions. The launch type is the Boeing 777 (both the 200 LR and 300 ER variants). The Mammoth converted 777 is one of the most productive and economical 777 long range freighters in the world.

Mammoth, a Boeing Licensee for the Boeing 777, is developing a global production and conversion site network which will include its Ft. Worth, Alliance Texas Facility as well as additional conversion capacity planned at three other sites around the world.

Mammoth is backed by private investment funds managed by Fortress Investment Group LLC and its affiliates. Mammoth is based in Orlando, Florida with additional facilities in Escondido, California, Seattle, Washington and Jacksonville, Florida.



## Benefits & Differentiation



**777 Fleet Commonality:**  
Aircraft, Containers, Tooling,  
Engines, Training



**Multiple Cargo Handling System**  
Capabilities Designed  
for Every Mission



**Superior Operating Economics**



**Highly Fuel Efficient**  
GE90-110/115 Engines



**Emission Friendly Freighters**

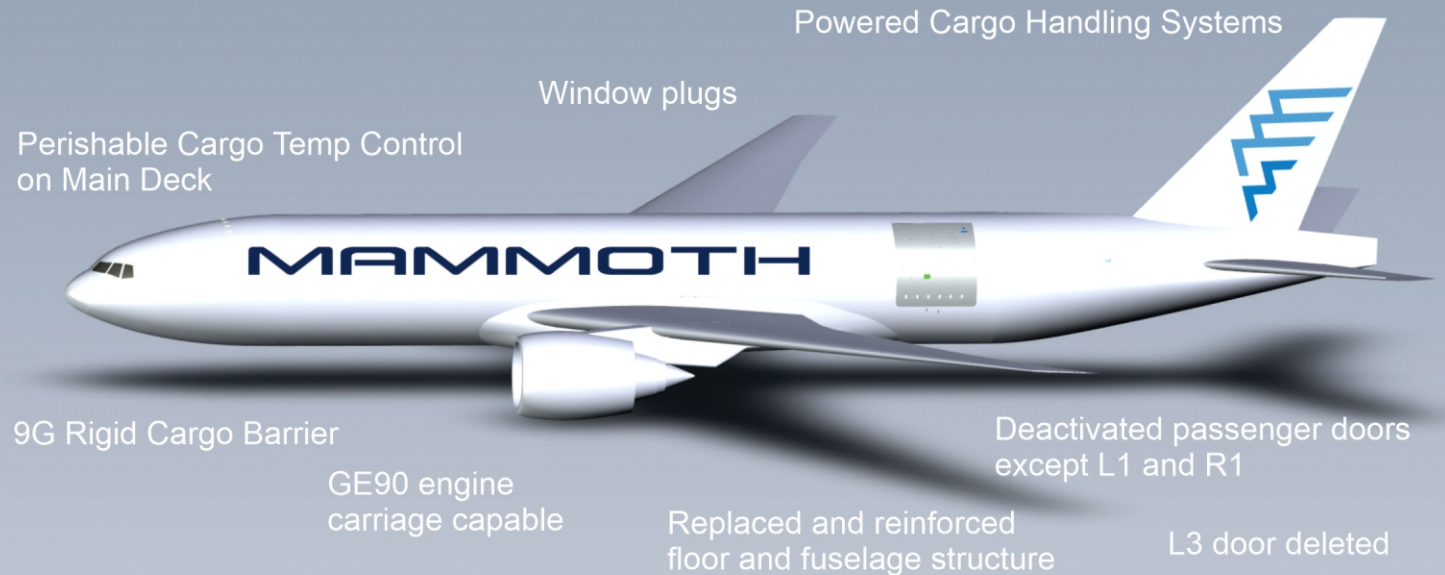


**A Company and Product Built**  
with the Environment, Social  
Responsibility and Corporate  
Governance at the Forefront

# GENERAL LAYOUT

Supernumerary compartment:  
4 business class seats, 2 person crewrest

Electronically sequenced, hydraulically actuated  
163.2" x 120" Main Deck Cargo Door



## Supernumerary Area

4 business class seats with reading lights, eyeball air and 12V power access

Galley with two chilled compartments, oven, coffee maker, and potable water

Full sized lavatory

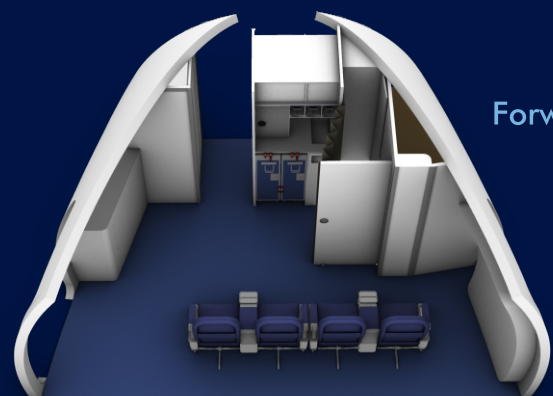
Large crewrest with two sleeping bunks

Spacious, deployable dressing room area outside crewrest bunks

Stowage closet and coat rack

Optional supernumerary seating:

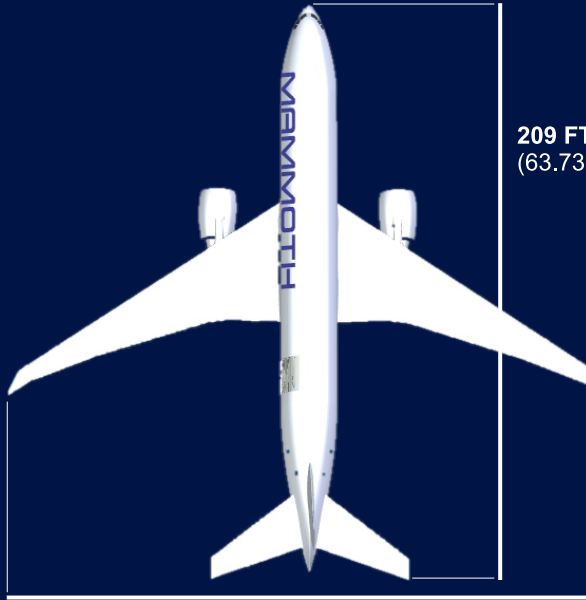
- 8 economy sized seats
- 2 fold down flight attendant seats



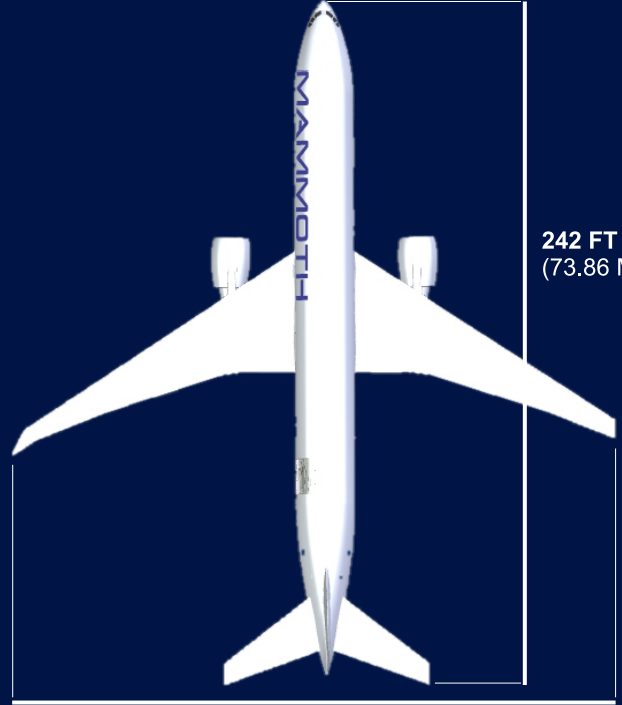
# DIMENSIONS

## 777-200LRMF

## 777-300ERMF



209 FT 1 IN  
(63.73 M)



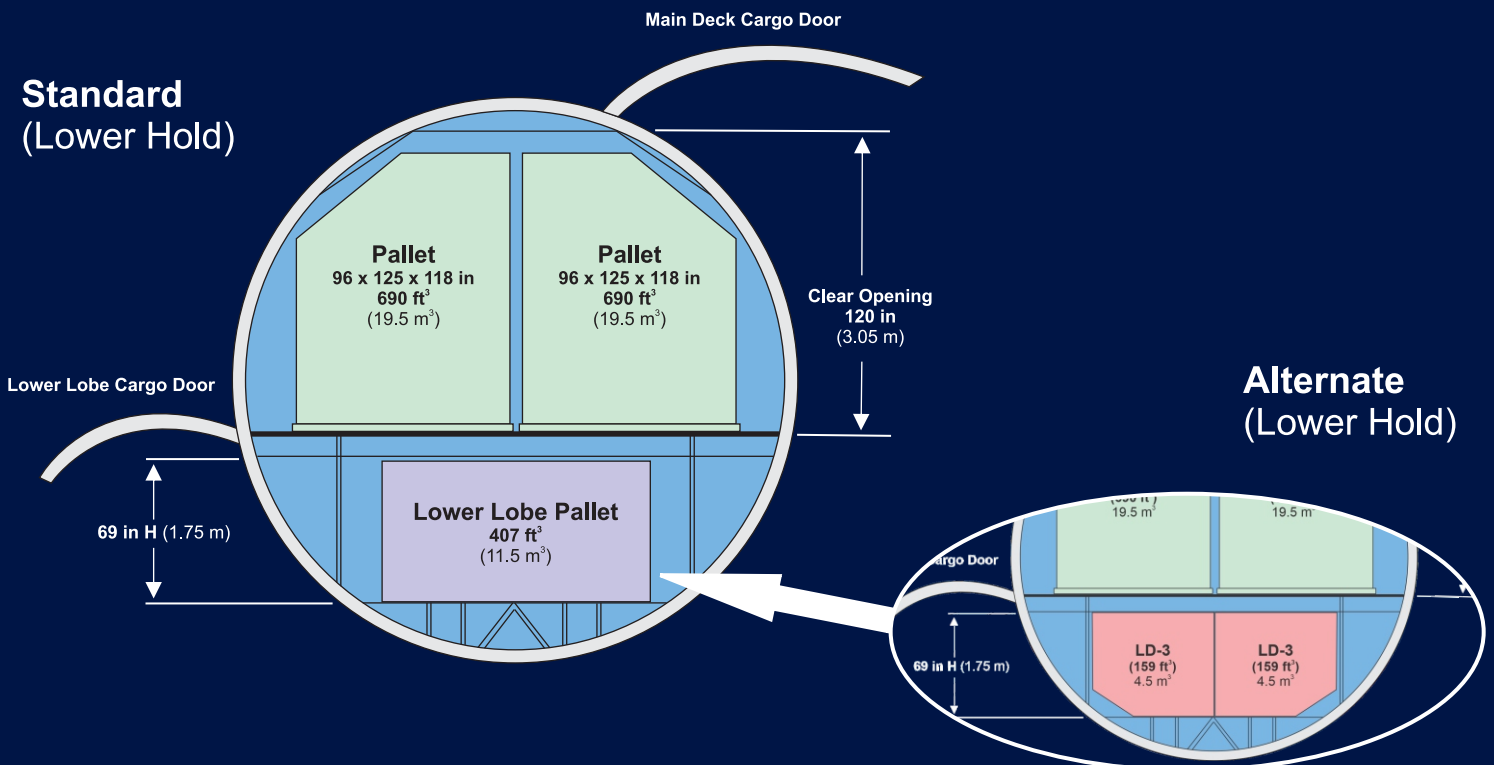
242 FT 4 IN  
(73.86 M)

212 FT 7 IN  
(64.80 M)

212 FT 7 IN  
(64.80 M)

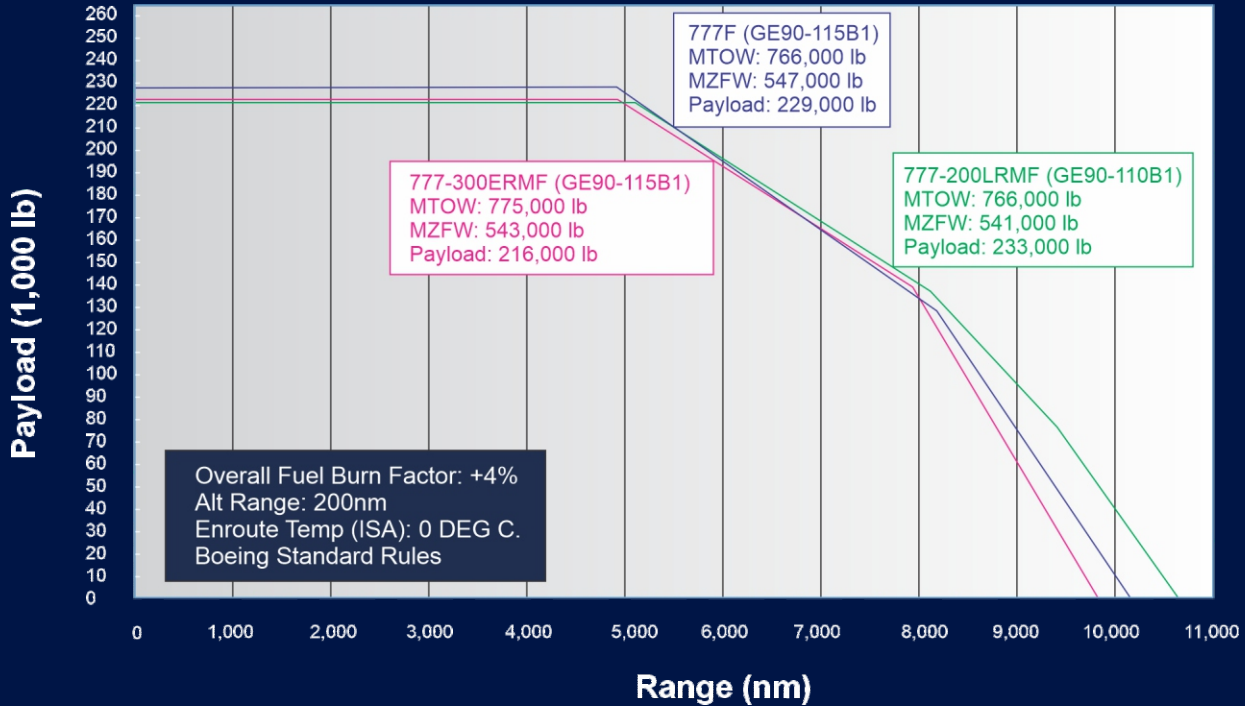
## Cross Section

Same Size for all 777 Models

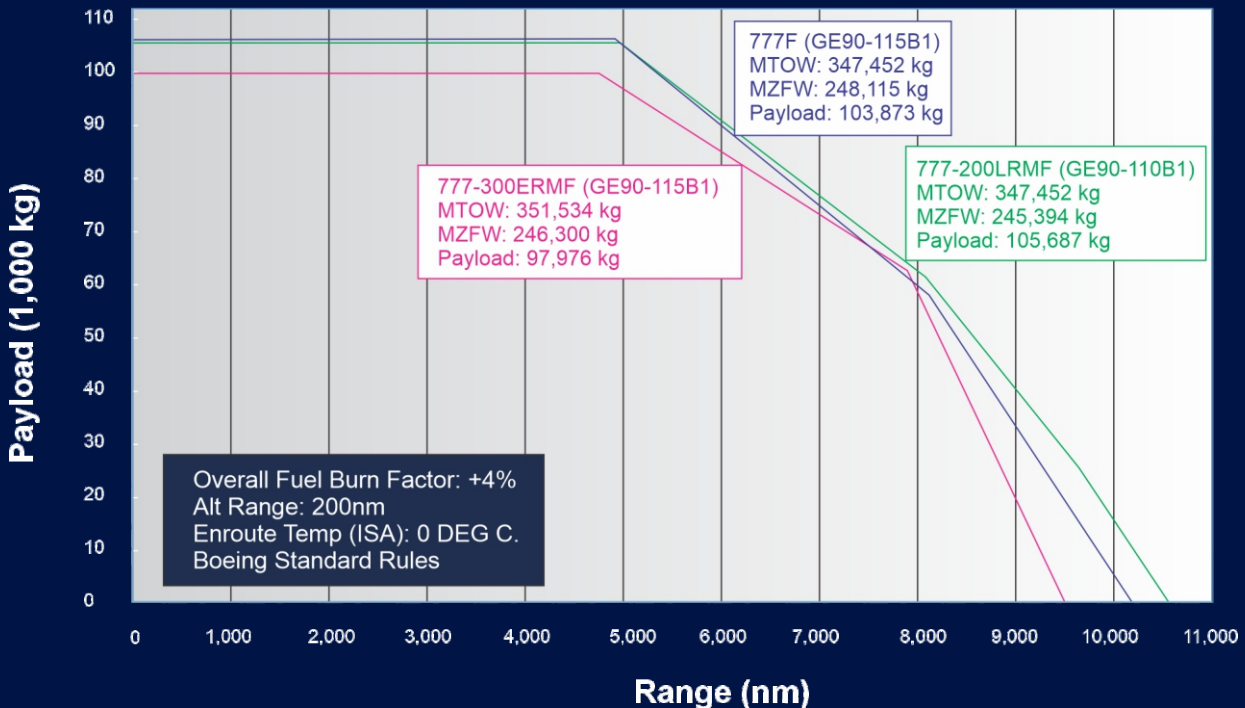


# PAYLOAD RANGE (preliminary)

## Payload Range @ Max Payload (lbs)



## Payload Range @ Max Payload (kgs)



# 777-200LRMF

## Main Deck Cargo Layouts

### Side by Side 96" x 125" (Standard)



- (22) 96x125x118 contoured pallets or containers at 690 ft<sup>3</sup> each
- (4) 96x125x116 contoured pallets or containers at 627 ft<sup>3</sup> each
- (1) 96x125x96 contoured pallets or containers at 613 ft<sup>3</sup> each

### Size Code G Side by Side (Standard)



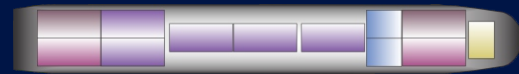
- (2) 96x238.5x108-R contoured pallets at 1,054 ft<sup>3</sup> each
- (2) 96x238.5x116-L contoured pallets at 1,400 ft<sup>3</sup> each
- (4) 96x238.5x118-R contoured pallets at 1,283 ft<sup>3</sup> each
- (3) 96x238.5x118-L contoured pallets at 1,419 ft<sup>3</sup> each
- (4) 96x125x118 contoured pallets or containers at 690 ft<sup>3</sup> each
- (1) 96x125x96 contoured pallets or containers at 613 ft<sup>3</sup> each

### 88"x108" (Option)



- (30) 88x108x96 pallets or containers at 528 ft<sup>3</sup> each

### Size Code G Centerline (Option)



- (2) 96x238.5x108 contoured pallets at 1,054 ft<sup>3</sup> each
- (2) 96x238.5x116 contoured pallets at 1,400 ft<sup>3</sup> each
- (1) 96x238.5x118-R contoured pallets at 1,283 ft<sup>3</sup> each
- (4) 96x238.5x118-L & Centerline contoured pallets at 1,419 ft<sup>3</sup> each
- (2) 96x125x118 contoured pallets or containers at 690 ft<sup>3</sup> each
- (1) 96x125x96 contoured pallets or containers at 613 ft<sup>3</sup> each

## Lower Hold Cargo Layouts



- (10) 96-inch pallets [6 FWD, 4 AFT\*]
- \* Requires large aft lower hold door



- (32) LD3 Containers [18 FWD, 14 AFT]

**AFFORDABLE**

**FLEXIBLE**

**PURPOSE-BUILT**

## Weights & Capabilities (preliminary)

### 777-200LRMF

Maximum Takeoff Weight (MTOW)	766,000 lb	347,452 kg
Maximum Landing Weight (MLW)	570,000 lb	258,548 kg
Max Design Zero Fuel Weight (MZFW)	541,000 lb	245,394 kg
Operating Empty Weight (OEW)	308,000 lb	139,707 kg
Max Gross Payload	233,000 lb	105,687 kg
Total Volume	22,971 ft <sup>3</sup>	650 m <sup>3</sup>
Density	10.14 lbs/ft <sup>3</sup>	162.60 kgs/m <sup>3</sup>
Maximum Range at Max Payload	4,900 NM	4,900 NM
Maximum Fuel Capacity	47,890 US Gal	181,283 L

# 777-300ERMF

## Main Deck Cargo Layouts

### Side by Side 96" x 125" (Standard)



- (28) 96x125x118 contoured pallets or containers at 690 ft<sup>3</sup> each
- (4) 96x125x116 contoured pallets or containers at 627 ft<sup>3</sup> each
- (1) 96x125x96 contoured pallets or containers at 613 ft<sup>3</sup> each

### 88"x108" (Option)



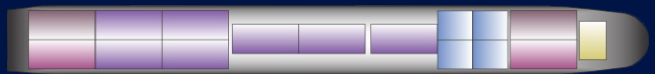
- (36) 88x108x96 pallets or containers at 528 ft<sup>3</sup> each

### Size Code G Side by Side (Standard)



- (2) 96x238.5x108-R contoured pallets at 1,054 ft<sup>3</sup> each
- (2) 96x238.5x116-L contoured pallets at 1,400 ft<sup>3</sup> each
- (5) 96x238.5x118-R contoured pallets at 1,283 ft<sup>3</sup> each
- (4) 96x238.5x118-L contoured pallets at 1,419 ft<sup>3</sup> each
- (6) 96x125x118 contoured pallets or containers at 690 ft<sup>3</sup> each
- (1) 96x125x96 contoured pallets or containers at 613 ft<sup>3</sup> each

### Size Code G Centerline (Option)



- (2) 96x238.5x108 contoured pallets at 1,054 ft<sup>3</sup> each
- (2) 96x238.5x116 contoured pallets at 1,400 ft<sup>3</sup> each
- (2) 96x238.5x118-R contoured pallets at 1,283 ft<sup>3</sup> each
- (5) 96x238.5x118-L & Centerline contoured pallets at 1,419 ft<sup>3</sup> each
- (4) 96x125x118 contoured pallets or containers at 690 ft<sup>3</sup> each
- (1) 96x125x96 contoured pallets or containers at 613 ft<sup>3</sup> each

## Lower Hold Cargo Layouts



- (14) 96-inch pallets [8 FWD, 6 AFT]



- (44) LD3 Containers [24 FWD, 20 AFT]

LIFT MORE

FLY FARTHER

LEAVE NOTHING BEHIND

## Weights & Capabilities (preliminary)

### 777-300ERMF

Maximum Takeoff Weight (MTOW)	775,000 lb	351,534 kg
Maximum Landing Weight (MLW)	572,000 lb	259,455 kg
Max Design Zero Fuel Weight (MZFW)	543,000 lb	246,301 kg
Operating Empty Weight (OEW)	323,000 lb	146,511 kg
Max Gross Payload	216,000 lb	97,976 kg
Total Volume	28,739 ft <sup>3</sup>	814 m <sup>3</sup>
Density	7.7 lbs/ft <sup>3</sup>	122.59 kgs/m <sup>3</sup>
Maximum Range at Max Payload	4,800 NM	4,800 NM
Maximum Fuel Capacity	47,890 US Gal	181,283 L

# FACILITIES

## ASPIRE MRO

Alliance Airport, Fort Worth, TX USA



### Facility Features:

778,125 sq/ft clear span hangar. One of the largest aircraft modifications and heavy maintenance facilities in the world

180,000 sq/ft back shops, manufacturing, engineering, design and test labs

7 wide body bays; Full 10 Ton Overhead Crane System in each bay

Accommodates all Boeing aircraft including 777-200LR and 777-300ER in all bays

Two full heavy maintenance widebody docks (fuselage, wings, and empennage)

Priority use of significant ramp space (Entire Apron and Wash Rack)

62,000 sq/ft Main Cargo Door and door surround assembly and support shop – Building 6 (4 Ton Crane System)





[mammoth777.com](http://mammoth777.com)

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