### 747-400F Specifications

**Cargo Layout Legend**

- **[23]** 96 in x 125 in x 118 in
  - in Pallets
- **[5]** 96 in x 125 in x 96 in
  - in Special Pallets
- **[9]** 96 in x 125 in x 64 in
  - in Containers
- **[2]** 60 in x 92 in x 64 in
  - in Special Pallets
- **[1]** Bulk

**Cross Section Showing Main Deck and Lower Compartment**

- Main Deck Cargo Door (LH) Clear Opening
  - Width: 134 in [3.4 m]
  - Height: 120 in [3.1 m]

- Cargo Door (RH) Forward and Aft
  - Width: 110 in [2.8 m]
  - Height: 66 in [1.7 m]

**Nose Door**

- Packaged Width End View
  - Height: 96 in [243.8 cm]

**Main Deck Side Door Package Limitations**

<table>
<thead>
<tr>
<th>Width in Inches</th>
<th>Height in Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>120</td>
</tr>
<tr>
<td>20</td>
<td>114</td>
</tr>
<tr>
<td>30</td>
<td>108</td>
</tr>
<tr>
<td>40</td>
<td>108</td>
</tr>
<tr>
<td>50</td>
<td>108</td>
</tr>
<tr>
<td>60</td>
<td>113</td>
</tr>
<tr>
<td>70</td>
<td>140</td>
</tr>
<tr>
<td>80</td>
<td>143</td>
</tr>
<tr>
<td>90</td>
<td>145</td>
</tr>
<tr>
<td>100</td>
<td>147</td>
</tr>
<tr>
<td>110</td>
<td>148</td>
</tr>
<tr>
<td>120</td>
<td>151</td>
</tr>
<tr>
<td>130</td>
<td>154</td>
</tr>
</tbody>
</table>

**Typical Main Deck Cargo Layout**

**Typical Lower Lobe Cargo Layout**

**Nose Door Package Dimension Limitations**

<table>
<thead>
<tr>
<th>Height in Inches</th>
<th>Width in Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>106</td>
</tr>
<tr>
<td>90</td>
<td>108</td>
</tr>
<tr>
<td>80</td>
<td>113</td>
</tr>
<tr>
<td>70</td>
<td>132</td>
</tr>
<tr>
<td>60</td>
<td>140</td>
</tr>
<tr>
<td>50</td>
<td>143</td>
</tr>
<tr>
<td>40</td>
<td>145</td>
</tr>
<tr>
<td>30</td>
<td>147</td>
</tr>
<tr>
<td>20</td>
<td>148</td>
</tr>
</tbody>
</table>

**Specifications for Selected ULDs**

<table>
<thead>
<tr>
<th>ULD Common Designation</th>
<th>Max External Dimensions (in/cm)</th>
<th>Internal Cubic Capacity (ft³/m³)</th>
<th>Maximum Gross Weight (lb/kg)</th>
<th>Weight Tare (approx) [lb/kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-1H</td>
<td>96 x 125 x 118 in (244 x 317.5 x 300 cm)</td>
<td>750 ft³ (21.2 m³)</td>
<td>14,491 lb (6,600 kg)</td>
<td>816 lb (370 kg)</td>
</tr>
<tr>
<td>M-1</td>
<td>96 x 125 x 96 in (244 x 317.5 x 244 cm)</td>
<td>623 ft³ (17.6 m³)</td>
<td>15,000 lb (6,804 kg)</td>
<td>772 lb (350 kg)</td>
</tr>
<tr>
<td>LD-1</td>
<td>60.4 x 92.0 x 64.0 in (153.4 x 233.7 x 164.6 cm)</td>
<td>175 ft³ (5.0 m³)</td>
<td>3,501 lb (1,588 kg)</td>
<td>265 lb (120 kg)</td>
</tr>
<tr>
<td>P&amp;F</td>
<td>96 x 125 x (64 to 118) in (244 x 317.5 (162.2 to 300) cm)</td>
<td>407 to 740 ft³ (11.5 to 20.9 m³)</td>
<td>Variable</td>
<td>265 lb (120 kg)</td>
</tr>
</tbody>
</table>

**Main Deck Cargo Door (LH) Clear Opening**

- Width: 134 in [3.4 m]
- Height: 120 in [3.1 m]

**Cargo Door (RH) Forward and Aft**

- Width: 110 in [2.8 m]
- Height: 66 in [1.7 m]

**Nose Door**

- Packaged Width End View
  - Height: 96 in [243.8 cm]

**Main Deck Side Door Package Limitations**

- Width in Inches
  - 10
  - 20
  - 30
  - 40
  - 50
  - 60
  - 70
  - 80
  - 90
  - 100
  - 110
  - 120
  - 130
  - 134

- Height in Inches
  - 120
  - 114
  - 108
  - 102
  - 0-96

**747-400F Specifications**

<table>
<thead>
<tr>
<th>Cargo Compartment</th>
<th>Cubic Capacity (ft³/m³)</th>
<th>Max Gross Weight (lb/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Cargo</td>
<td>2,512 ft³ (69.2 m³)</td>
<td>609.2 lb</td>
</tr>
<tr>
<td>Lower Forward Cargo</td>
<td>2,035 ft³ (57.6 m³)</td>
<td>57.6 lb</td>
</tr>
<tr>
<td>Lower Aft Cargo</td>
<td>1,978 ft³ (56 m³)</td>
<td>56 m³</td>
</tr>
<tr>
<td>Bulk Cargo</td>
<td>520 ft³ (14.7 m³)</td>
<td>14.7 m³</td>
</tr>
</tbody>
</table>

**Typical Lower Lobe Cargo Layout**

**Typical Main Deck Cargo Layout**

**Main Deck Cargo Door (LH)**

- Width: 134 in [3.4 m]
- Height: 120 in [3.1 m]

**Cargo Door (RH) Forward and Aft**

- Width: 110 in [2.8 m]
- Height: 66 in [1.7 m]

**Nose Door**

- Packaged Width End View
  - Height: 96 in [243.8 cm]

**Main Deck Side Door Package Limitations**

- Width in Inches
  - 10
  - 20
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  - 50
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  - 70
  - 80
  - 90
  - 100
  - 110
  - 120
  - 130
  - 134

- Height in Inches
  - 120
  - 114
  - 108
  - 102
  - 0-96

**747-400F Specifications**

- Maximum Revenue Payload: 249,100 lb [112,900 kg]
- Cruise Speed: 561 mph [902 km/h]
- Maximum Design Range: 4,455 nmi [8,250 km]
- Maximum Gross Takeoff Weight: 875,000 lb [396,893 kg]
- Maximum Gross Landing Weight: 666,000 lb [302,092 kg]