



## Embraer 110P1

### **Size:**

Wingspan = 15.33 m

Aircraft length = 15.10 m

Aircraft height = 4.92 m

### **Weight characteristics:**

MTOW = 5900 kg

Maximum useful load = 2.0 t

### **Flight characteristics:**

Cruising speed = 340 km/h

Range = 1600 km

Service ceiling = 6550 m

Runway required = 1200 m

### **Size of cargo cabin:**

Length = 6.75 m

Width = 1.30 m

Height = 1.36 m

Rear cargo door height = 1.42 m

Rear cargo door width = 1.80 m



## Embraer 110P1 dimensions

Dimensions	Inches	Metres
Cabin width at the widest Cabin width at the narrowest on the floor	63.0 51.0	1.60 1.30
Cabin length	266.0	6.75
Cabin height aft and forward of the main spar	53.5	1.36
<b>Cabin volume</b>		<b>12.0</b>
<b>Rear cargo door height</b>	<b>54.0</b>	<b>1.37</b>
<b>Rear cargo door width</b>	<b>71.0</b>	<b>1.80</b>
Rear cargo door sill height	49.6	1.26
Front access door height	56.0	1.42
Front access door width	24.8	0.63
Front access door sill height	49.6	1.26



**Cargo loading dimensions for a single piece.**

**These figures should be used only as a guideline for suitability**

<b>Length</b>	<b>Width</b>	<b>Height</b>
<b>6 metres</b>	<b>0.42</b>	<b>1.2</b>
<b>5 metres</b>	<b>0.45</b>	<b>1.21</b>
<b>4 metres</b>	<b>0.55</b>	<b>1.25</b>
<b>3.2 metres</b>	<b>0.66</b>	<b>1.25</b>
<b>2.55 metres</b>	<b>0.82</b>	<b>1.25</b>
<b>2.11 metres</b>	<b>0.98</b>	<b>1.25</b>
<b>1.65 metres</b>	<b>1.15</b>	<b>1.25</b>
<b>0.68 metres</b>	<b>1.3</b>	<b>1.36</b>