

727 Freighter Performance Summary

StartupBoeing

Pratt & Whitney JT8D-7 engines*
Pratt & Whitney JT8D-17A engines

727-100C/QC/F

727-200F

Cargo capacity, ft³ (m³)				
Main deck (9*/12) 88- x 125-in (2.2- x 3.2-m) pallets	3,960	(112.1)	5,280	(149.5)
Lower hold bulk volume	890	(25.2)	1,525	(43.2)
Total cargo volume	4,850	(137.3)	6,805	(192.7)
Maximum gross weight, lb (kg)				
Takeoff	169,400	(76,839)	203,100	(92,126)
Landing	142,500	(64,638)	166,000	(75,297)
Zero fuel	132,000	(59,875)	155,000	(70,308)
Structural limit payload (MZFW – OEW)	43,600	(19,777)	65,015	(29,491)
Operating empty weight including tare**	90,479	(145,612)	92,757	(149,278)
Fuel capacity, U.S. gal (L)	7,680	(29,269)	8,105	(30,677)
Design range (MZFW payload), nmi (km)	1,385	(2,229)	1,597	(2,570)
Chapter 3 cumulative margin, EPNdB	+10.3		-0.2	
With hushkit	-0.5			

• 727-200F (production freighter version)

* 727-100 models

** Tare weights: 2,079 lb (3,346 kg) for the 727-100, 2,772 lb (4,461 kg) for the 727-200