

N1792X

2002 Learjet 45

Performance Data

Aircraft S/N: 45-188



RidgeAire
WORLDWIDE
aviation specialists

Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Friday, July 29, 2022 Export of Current Performance Specs List

MODEL NAME	LEARJET 45
Fuselage Dimensions	US standard
Length :	58.4 (ft)
Height :	14.3 (ft)
Wing Span :	47.8 (ft)
Cabin Dimensions	
Length :	19' 9" (ft)(in)
Height :	4' 11" (ft)(in)
Width :	5' 1" (ft)(in)
Cabin Volume :	415 (cb ft)
Baggage Volume :	65 (cb ft)
Typical Configuration	
Crew :	2
Passengers :	9
Pressurization :	9.4 (psi)
Fuel Capacity	
Standard :	6,062 (lbs)
Standard :	905 (gal)
Optional :	0
Optional :	0
Weight	
Max. Ramp :	20,750 (lbs)
Max. Takeoff :	20,500 (lbs)
Zero Fuel :	16,000 (lbs)
Basic Operating :	13,695 (lbs)
Max. Landing :	19,200 (lbs)
Speed	
Vs Clean :	119 (kn)
Vso Landing :	98 (kn)
Normal Cruise TAS :	436 (kn)
Vmo (Max Op) IAS :	330 (kn)
V1 Takeoff :	115 (kn)
VFE Max Flap Ext :	150 (kn)
VLE Max Land Gear Ext :	260 (kn)
IFR Certification	
(IFR) :	2 Pilot
Climb	
Normal :	2,800 (fpm)
Engine Out :	590 (fpm)
Ceiling :	51,000 (ft)
Landing Performance	
FAA Field Length :	2,349 (ft)
Takeoff Performance	
SL ISA BFL :	4,350 (ft)
5000' +20C BFL :	7,290 (ft)
Range	
Range :	1,968 (nm)
Tanks Full :	0 (nm)
Seats Full :	1,423 (nm)
Range (4 PAX) :	-
Range (8 PAX) :	1,900 (nm)
Engines	
Number of :	2
Make/Model(s) :	Honeywell TFE731-20AR Honeywell TFE731-20AR-1B Honeywell TFE731-20BR Honeywell TFE731-20BR-1B Honeywell TFE731-20BR-1BR
Thrust (per engine) :	3,650 (lbs)

Shaft (per engine) :

0 (hp)

Common TBO Hours :

5,000
