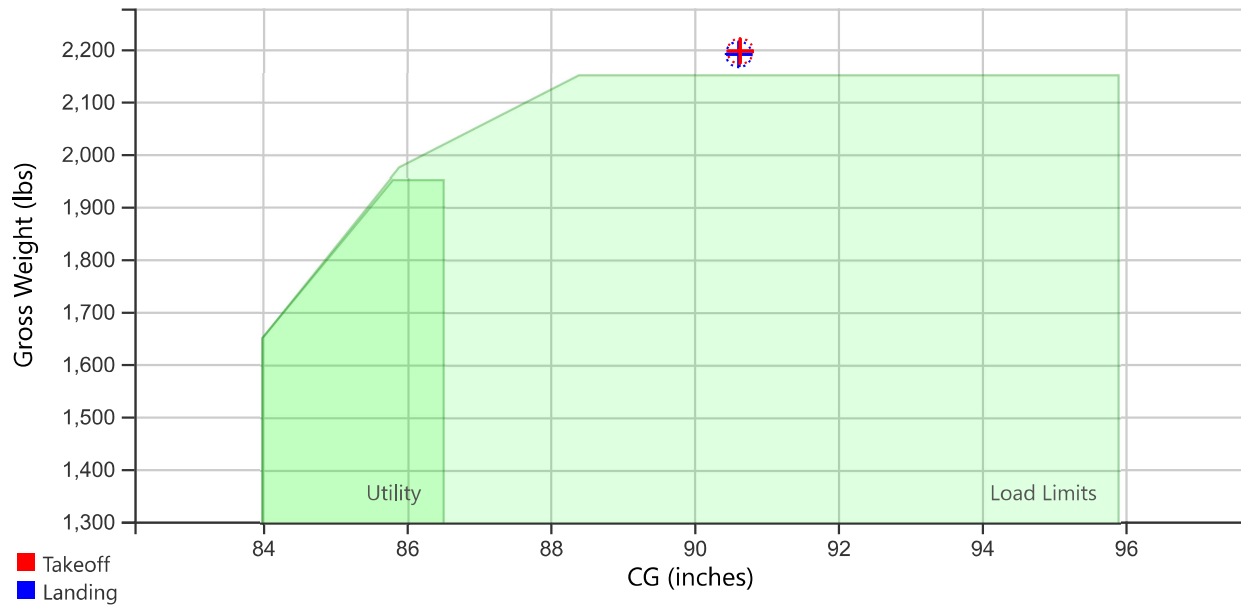


Piper PA-28-140 Weight & Balance Calculator

[Weight & Balance](#) / Piper PA-28-140



ITEM	Weight	Arm	Moment
Basic Empty Weight	1299.2	85.31	110834.75
Oil	11	32.5	357.5
Pilot 1	155	85.5	13252.5
Pilot 2	225	85.5	19237.5
Basic Condition	1690.2	CG: 85.01	143682.25
Passenger 1	152	117	17784
Passenger 2	150	117	17550
Baggage Area 1	30	117	3510
Zero Fuel Condition	2022.2	CG: 90.26	182526.25
Fuel Load	<input type="text" value="31"/> x <input type="text" value="6"/> = <input type="text" value="186"/>	<input type="text" value="95"/>	<input type="text" value="17670"/>
Ramp Condition	2208.2	CG: 90.66	200196.25
Fuel Burned On Ground(-)	<input type="text" value="2"/> x <input type="text" value="6"/> = <input type="text" value="12"/>	<input type="text" value="95"/>	<input type="text" value="-1140"/>
TakeOff Condition	2196.2	CG: 90.64	199056.25
Fuel Burned During Flight(-)	<input type="text" value="1"/> x <input type="text" value="6"/> = <input type="text" value="6"/>	<input type="text" value="95"/>	<input type="text" value="-570"/>
Landing Condition	2190.2	CG: 90.62	198486.25

Maneuvering Speed (V_A) :

V_A @ Max Gross Weight

Aircraft Weight :

Max Gross Weight :

Maneuvering Speed (V_A) :