

AIRPLANE WEIGHT AND BALANCE

Model: Piper Cherokee 140
 Gross Weight: 2150#
 CG Range: 88.4"-95.9" at 2150#
 85.9"-95.9" at 1975#
 84"-95.9" at 1650#

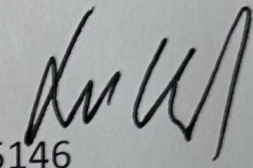
Serial No.: 28-25159

N No.: N7243F

Date: 3/15/2024

Lee Ulrich

A&P IA 3225146



Datum is: 78.4" forward of wing leading edge

Empty Weight & CG

	Weight (#)	Arm (In.)	Moment (In. #)
Left Main	469	109.64	51421
Right Main	463	109.64	50763
Nose	437	34.78	15199
add unusable fuel	2.2	103	227
Total	1371		117610
CG		85.77	

Gross Weight & CG

	Weight (#)	Arm (In.)	Moment (In. #)
Aircraft Empty	1371		117610
Front Seats	340	85.5	29070
Rear Seats	340	117	39780
Baggage	0	117	0
Fuel (16.5 gals)	99	95	9405
Total	2150		195865