

Basic Empty Weight and Balance - As Certificated

Serial No.: E-4137

Date: 11/10/2019

Reference Dimensions in Fuselage Stations (inches Aft of Datum)				
	<u>Wheel Axle Centerline</u>		<u>Jack Point Location</u>	
	<u>Nose</u>	<u>Main</u>		
Extended Strut	1.8	96.0	Forward	83.1
Compressed Strut	3.1	97.0	Aft	271.0

Reaction - Wheel	SCALE READING (lb.)	TARE (lb.)	NET WEIGHT (lb.)	ARM (in.)	MOMENT (lb.-in.)
Left Main	1,088	0	1,088		
Right Main	1,092	0	1,092		
Sub Total - Mains	2,180	0	2,180	96.5	210,370
Nose	412	0	412	2.6	1,071
Total - As Weighed	2,592	0	2,592	81.6	211,441
<i>Additions and Subtractions to As Weighed Condition</i>					
Add: Unusable Fuel			36	79.0	2,844
BASIC EMPTY WEIGHT - ACTUAL			2,628	81.5	214,285

Note: Basic Empty Weight includes full engine oil & unusable fuel.

Prepared/Approved by:

Stephen Demarest
Mass Properties Engineer