

Basic Empty Weight and Balance - As Certificated

Serial No.: E-3821


Date: 12/9/2007

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>			
<i>Extended Strut</i>	1.8	96.0	<i>Forward</i>		83.1
<i>Compressed Strut</i>	3.1	97.0	<i>Aft</i>		271.0

Reaction - Wheel	SCALE READING (lb.)	TARE (lb.)	NET WEIGHT (lb.)	ARM (in.)	MOMENT (lb.-in.)
Left Main	1,039	0	1,039		
Right Main	1,035	0	1,035		
Sub Total - Mains	2,074	0	2,074	96.6	200,348
Nose	486	0	486	2.1	1,021
Total - As Weighed	2,560	0	2,560	78.7	201,369
<i>Additions and Subtractions to As Weighed Condition</i>					
Less: Protective Seat Covers (2)			-2	80.0	-160
Add: Drainable Unusable Fuel			34	79.1	2,689
BASIC EMPTY WEIGHT - ACTUAL			2,592	78.7	203,898

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

Prepared/Approved by:


Larry Van Sike

Mass Properties Engineer