### Weight and Balance Worksheet

General worksheet for use in conjunction with the Aircraft Weight and Balance and the Pilot Operating Handbook or Aircraft Flight Manual

<table>
<thead>
<tr>
<th>Weight</th>
<th>Arm</th>
<th>Moment</th>
<th>C.G.</th>
</tr>
</thead>
<tbody>
<tr>
<td>lbs</td>
<td>inches</td>
<td>lb-ins/1000</td>
<td>inches</td>
</tr>
</tbody>
</table>

**Basic Empty Weight**

(Weight, Moment, and C.G. from specific aircraft Weight & Balance, as amended)

(Weight, Moment, and C.G. from aircraft POH, Flight Manual, or W&B)

**Usable fuel (gals.)**

(i.e., fuel being carried this flight)

\[ \text{Usable fuel (gals.)} \times 6 \text{ lbs/gal} = \text{lbs} \]

\[ \text{Pilot and front passenger} \times \text{lbs} = \text{lbs} \]

**Ramp Weight and Moment**

(Ramp fuel allowance (gals): \( \text{lbs/gal} \times \text{gals} = \text{lbs} \))

**Take-Off Weight & Moment**

(Weight & Moment graph from aircraft POH or Flight Manual)

Locate pounds by inches on the aircraft’s W&B graph

NOTE: Aircraft with fewer than five passenger seats must use actual passenger and baggage weights; other aircraft may compute weights in accordance with AC 120-27E.