

## SECTION 6 WEIGHT AND BALANCE

PA-46-350P

### 6.5 WEIGHT AND BALANCE DATA AND RECORD (continued)

MODEL PA-46-350P

Airplane Serial Number 4636677  
 Registration Number N350SY  
 Date 09/15/15

#### AIRPLANE BASIC EMPTY WEIGHT

Item	Weight x (Lbs)	C.G. Arm (Inches Aft of Datum)	= Moment (In-Lbs)
Standard Empty Weight* <del>Computed</del> <sup>Actual</sup>	<b>3012.6</b>	<b>134.2377</b>	<b>404404.6</b>
Optional Equipment	<b>148.7</b>	<b>172.3645</b>	<b>25630.6</b>
Basic Empty Weight	<b>3161.3</b>	<b>136.0311</b>	<b>430035.2</b>

\*The standard empty weight includes full oil capacity and 2.0 gallons of unusable fuel.

#### AIRPLANE USEFUL LOAD - NORMAL CATEGORY OPERATION

(Ramp Weight) - (Basic Empty Weight) = Useful Load

(4358 lbs) - ( **3161.3** lbs) = **1196.7** lbs.

THIS BASIC EMPTY WEIGHT, C.G. AND USEFUL LOAD ARE FOR THE AIRPLANE AS LICENSED AT THE FACTORY. REFER TO APPROPRIATE AIRCRAFT RECORD WHEN ALTERATIONS HAVE BEEN MADE.

#### WEIGHT AND BALANCE DATA FORM

Figure 6-5

REPORT: VB-2561  
6-6

ISSUED: APRIL 10, 2015