

**SECTION 6**  
**WEIGHT AND BALANCE**

**PA-28-181, Piper Pilot**

MODEL PA-28-181 PIPER PILOT

Airplane Serial Number 28020042

Registration Number N342FG

Date 11/19/2021

**AIRPLANE BASIC EMPTY WEIGHT**

Item	Weight (Lbs)	C.G. Arm (Inches Aft of Datum)	Moment (In-Lbs)
Standard Empty Weight* <del>Computed</del>	1602.2	87.3897	140013.2
Optional Equipment	0.0	0.0000	0.0
Basic Empty Weight	1606.2	87.3897	140013.2

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

**AIRPLANE USEFUL LOAD**

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

(2558 lbs) - ( 1606.2 lbs) = 955.8 lbs.

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

**WEIGHT AND BALANCE DATA FORM**

Figure 6-5

REPORT: VB-2960  
6-6

ISSUED: November 16, 2020