

**SECTION 6
WEIGHT AND BALANCE**

PA-28-181, Piper Pilot

MODEL PA-28-181 PIPER PILOT

Airplane Serial Number 28020037
Registration Number N515AC
Date 10/15/2021

AIRPLANE BASIC EMPTY WEIGHT

Item	Weight (Lbs)	C.G. Arm (Inches Aft of Datum)	Moment (In-Lbs)
Standard Empty Weight* Computed	Actual 1601.2	87.3758	139903.5
Optional Equipment	0.0	0.0000	0.0
Basic Empty Weight	1601.2	87.3758	139903.5

*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) - (1601.2 lbs) = 956.8 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