

SECTION 6  
WEIGHT AND BALANCE

PA-28-181, ARCHER III

MODEL PA-28-181 ARCHER III

Airplane Serial Number 2843452  
Registration Number N5324P  
Date 05/04/01

AIRPLANE BASIC EMPTY WEIGHT

Item	Weight (Lbs)	C.G. Arm (Inches Aft of Datum)	Moment (In-Lbs)
Standard Empty Weight* <del>Computed</del>	Actual 1689.9	87.9905	148695.2
Optional Equipment	111.3	90.5651	10079.9
Basic Empty Weight	1801.2	88.1496	158775.1

\*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

Normal Category (2558 lbs) - (1801.2 lbs) = 756.8 lbs.

Utility Category (2138 lbs) - (1801.2 lbs) = 336.8 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