

MODEL PA-28-181 ARCHER III

Airplane Serial Number 2881423
Registration Number N529DA
Date 11/20/2020

AIRPLANE BASIC EMPTY WEIGHT

Item	C.G. Arm			
	Weight	x	(Inches Aft of Datum)	= Moment (In-Lbs)
Standard Empty Weight* Computed	Actual 1696.4		89.3844	151629.0
Optional Equipment	127.8		105.8263	13524.6
Basic Empty Weight	1824.2		90.5363	165153.6

*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) - (1824.2 lbs) = 733.8 lbs.

Utility Category (2138 lbs) - (1824.2 lbs) = 313.8 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

PA-28-181		Serial Number	2881423	Registration Number			N529DA		Page Number
Date	Item No.	Description of Article or Modification	Added (+) Removed (-)	Weight Change			Running Basic Empty Weight		
				Wt. (Lb.)	Arm (In.)	Moment /100	Wt. (Lb.)	Moment /100	
11/20/2020		As licensed						1824.2	

WEIGHT AND BALANCE RECORD

Figure 6-7