

## Aircraft Basic Empty Weight and Balance

**Date: August 24, 2016**  
**Model: Beechcraft 58**  
**Aircraft Serial: TH-1286**  
**Registration: N205KT**

Aircraft weighed this date IAW section VI weight and balance section of Beech Baron AFM (dated January 2006), AC43.13-1B section 2 , TCDS 3A16 utilizing calibrated wheel weighing scales.

Scale S1 reading = 1660 lbs. Left main wheel    Tare = 0 lbs.    Net weight = 1660 lbs.  
Scale S2 reading = 1585 lbs. Left main wheel    Tare = 0 lbs.    Net weight = 1585 lbs.  
Scale S3 reading = 703 lbs.    Nose wheel        Tare = 0 lbs.    Net weight = 703lbs.

Aircraft weighed with **zero fuel in mains**, 11 qt. Indicated Engine Oil each side, no portable equipment installed. Fire extinguisher installed. Front seats in forward position. Aircraft leveled longitudinally and laterally as specified in AFM.

Scale S1 arm = 96.7  
Scale S2 arm = 96.7  
Scale S3 arm = -10.3 (as measured)

**Total empty weight as stated = 3948**  
**CG empty weight = 77.64**  
**Total moment = 306550.6**

**CG Range :**        **78.0 forward        86.0 aft at 5400 lbs.**  
                         **74.0 forward        86.0 aft at 4200 lbs.**

**It is the responsibility of the airplane owner and pilot to assure that the airplane is properly loaded. Maximum allowable gross weight is 5400 pounds in normal category. See “weight and balance section” for loading instructions.**

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