



# KELLY AEROSPACE

## Thermal Systems

Document Number: NC-17-039  
Title: Mooney M20R, S, TN, U & V  
Air Conditioning System  
Weight & Balance  
Revision: B  
Date: 1/25/2019

	Name	Signature	Date
Author	Eric Farmer	On File	4/04/2018
Approved	Jeff Barlett	On File	4/04/2018

## Revisions

Rev.	Description	Author	Date	Approved
A	Initial Release (ECN 17-022)	Eric Farmer	4/04/2018	Jeff Barlett
B	See (ECN 19-008)	Eric Farmer	1/25/2019	Jeff Barlett

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## 1.0 WEIGHT AND BALANCE SUMMARY

Weight and Balance for the kits was determined through kit weight measurement, initial weighing and final weighing of the aircraft with approved calibrated scales.

### 1.1 Aircraft Model Mooney M20R, S, TN, U & V

Kit Numbers includes all air-conditioning components, and no change in alternator power source.

KATS-18-003 or KATS-18-004 WEIGHT = 65.0 lbs.

KATS-18-003 or KATS-18-004 MOMENT ARM = 146.0 in.

KATS-18-003 or KATS-18-004 MOMENT = 9,490 in-lbs.

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