



# KELLY AEROSPACE

## Thermal Systems

Document Number: NC-19-042  
Title: Tecnam P2010  
Air Conditioning System  
Weight & Balance  
Revision: B  
Date: 8/18/2020

	Name	Signature	Date
Author	Eric Farmer	On ECN	8/18/2020
Approved	Jeff Barlett	On ECN	8/18/2020

## Revisions

Rev.	Description	Author	Date	Approved
A	Initial Release (ECN 19-031)	Eric Farmer	6/22/2020	Jeff Barlett
B	Corrected weights (ECN 20-017)	Eric Farmer	8/18/2020	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 Tecnam P2010

Kit installed with all air-conditioning components, and no change in alternator power source.

WEIGHT = 66.3 lbs.

MOMENT ARM = 110.1 in.

MOMENT = 7299.3 in-lbs.

Kit installed with all air-conditioning components and with ALT-FLX-7 Alternator Kit Installed and 32C19553 OE Alternator Removed

WEIGHT = 68.0 lbs.

MOMENT ARM = 105.6 in.

MOMENT = 7180.1 in-lbs.

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