Final Report

Weight and Balance

Equipment List Revision

Date: 11/15/2023

Aspen Flying Club
13000 E Control Tower Rd
K16
Denver, CO 80112
U.S. Certificated Mechanic

Submitted To:

Thunderfighter, LLC
Danny Smith

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Aircraft Information:

Registration Number:	N10033
Aircraft Make:	CESSNA
Aircraft Model:	172S
Aircraft Serial Number:	172S9797
Airframe Hobbs:	8089.6
Airframe Tach:	5827.1
Aircraft Total Time:	5827.1

As Received			
Max Gross Pounds:	2558.0	Basic Empty Weight:	1721.8
Longitudinal CG:	41.09	Lateral CG:	
Longitudinal Momemt:	70741.9	Lateral Moment:	
UseFul Load:	836.2		
Notes			

Installed Items					
Installed	Weight	Long Arm	Lat Arm	Long Moment	Lat Moment

Removed Items					
Installed	Weight	Long Arm	Lat Arm	Long Moment	Lat Moment
Main wheel fairings	10.1	61.1		617.1	
STC SA01700LA Front Seat Inflatable restraint system	3.6	48.1		173.2	
Nose wheel faring	3.5	-3.5		-12.3	
	Weight Change			Long Mom Change	Lat Mom Change
Totals:	-17.2			-778	

As Completed			
Max Gross Pounds:	2558.0	Basic Empty Weight:	1704.6
Longitudinal CG:	41.04	Lateral CG:	
Longitudinal Momemt:	69963.9	Lateral Moment:	
UseFul Load:	853.4		

Prefarred BY: Dylan Robinson A&P 4743031

11/15/2023