



# Pipistrel Alpha Preflight Sheet



## WEIGHT AND BALANCE

ITEM	(MAX)	WEIGHT	ARM	MOMENT
<b>B.E.W.</b>				
Pilot and Passenger			14.5	
Baggage Area (50 lbs)			36.6	
<b>Zero Fuel Weight</b>				
Ramp Fuel (79.2 lbs)			143.26	
Ramp Wt. (1212 lbs)				
Taxi Fuel				
<b>G. T. W. (1212 lbs)</b>				
Trip Fuel			44.6	
<b>G.L.W.</b>				

Z.F.W. CG \_\_\_\_\_ G.T.W. CG \_\_\_\_\_ G.L.W. CG \_\_\_\_\_

V<sub>A</sub> **92 kts. @ 1212 lbs.**

## TAKEOFF DATA

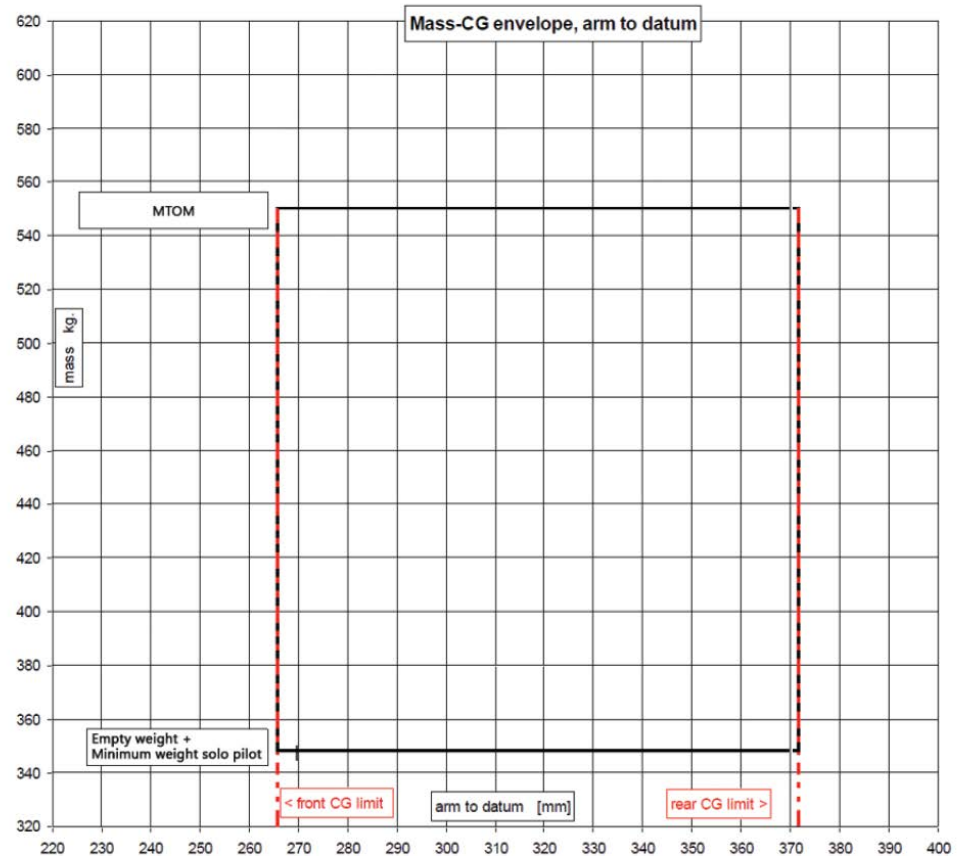
Ground Roll \_\_\_\_\_ ft.  
 Dist. Over 50' Obstacle \_\_\_\_\_ ft.  
 V<sub>R</sub> \_\_\_\_\_ KIAS  
 V<sub>X</sub> \_\_\_\_\_ KIAS  
 V<sub>Y</sub> \_\_\_\_\_ KIAS  
 Accelerate-Stop Distance \_\_\_\_\_ ft.

## LANDING DATA

Ground Roll \_\_\_\_\_ ft.  
 Dist. Over 50' Obstacle \_\_\_\_\_ ft.  
 Approach Speed \_\_\_\_\_ KIAS

## 6.3 WEIGHT AND BALANCE CHART

The chart below shows the ALPHA Trainer's mass-CG envelope. Once the aircraft's takeoff weight and C.G. have been calculated, they can be used to find a point in the chart and determine whether or not the aircraft is within the flight limits.



	<b>N214EL</b>
<b>B.E.W.</b>	698
<b>Moment</b>	6,980

## Aircraft Maintenance/ Inspection Summary

Airplane Registration #: \_\_\_\_\_

Make / Model : \_\_\_\_\_

Date: \_\_\_\_\_

Current Tach: \_\_\_\_\_

STCs / Modifications: \_\_\_\_\_

Inspection - Airframe	Completed	Due
Annual		
100 Hour		
Pitot / Static System & Altimeter		
Transponder		
ELT Battery Inspection		
ELT Battery Expiration Date Oil Change		
<b>Inspection - Engine</b>	<b>Completed</b>	<b>Due</b>
Annual		
100 Hour		
Oil Change		
<b>Inspection - Prop</b>	<b>Completed</b>	<b>Due</b>
Annual		
> 100 Hour		

Recurring Airworthiness Directives		
#	Description	Due Date
Does the airplane have the following on board:		
Airworthiness Certificate		Displayed in cockpit
Registration Certificate		Valid and current
Registration Certificate Exp Date		
Operating Limits - POH Weight & Balance		Reflects current equip/ config
VOR Check, 30 days		if applicable (IFR)