EAA FTM Test Card 7A:
Create Rate of Climb Tables at V_X and V_Y

Record estimated ground roll to liftoff distance (feet) _____,
and liftoff speed _____.
Note: Please indicate whether your speeds are in knots or mph (circle one.)

Date:	Time:

Fuel:	Wt & CG:

Complete this Card for at least three different Gross Weight and
Pressure Altitude combinations. Record data on separate cards
for each, then transfer results to the output table below.

Airspeed: V_x — Climb Test Heading:

Time	IAS	Press Alt	OAT	RPM	MAP	Comments
0:00						
0:30						
1:00						
1:30						
2:00						
2:30						
3:00						

Airspeed: V_Y — Reciprocal Heading:

Time	IAS	Press Alt	OAT	RPM	MAP	Comments
0:00						
0:30						
1:00						
1:30						
2:00						
2:30						
3:00						

Sample Data Output Table
Create one table at V_x and one at V_Y: Choose weights, altitudes as desired, record corresponding data.

V$_x$

Weight	Pressure Altitude	Climb Speed	Temperature	Rate of Climb
Heavy	Sea Level			
	3000 ft.			
	6000 ft.			
Mid	Sea Level			
	3000 ft.			
	6000 ft.			
Light	Sea Level			
	3000 ft.			
	6000 ft.			

V$_Y$

Weight	Pressure Altitude	Climb Speed	Temperature	Rate of Climb
Heavy	Sea Level			
	3000 ft.			
	6000 ft.			
Mid	Sea Level			
	3000 ft.			
	6000 ft.			
Light	Sea Level			
	3000 ft.			
	6000 ft.			