

# TOLD Sheet

## Single Engine

Tach _____	Hobbs _____
_____	_____
_____	<b>Check Fuel!!!</b>

Aircraft Identification _____	Date _____
Instructor _____	Student _____
Departure Point _____	Destination _____

### Atmospheric Data

ATIS \_\_\_\_\_

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Head Wind Component _____	X-Wind Component _____
Winds Aloft _____	9000 _____
	12000 _____
	Other _____

Pressure Altitude \_\_\_\_\_ Density Altitude \_\_\_\_\_

	Weight	Arm	Moment	MAX WGTS
Basic Empty Weight				
Pilot/Front Passenger				
Aft Passengers				
Baggage Area 1				
Baggage Area 2				
Fuel ( __ gal. useable)				
Ramp Weight				
Start, Taxi, & Runup				
Takeoff Weight				
Takeoff C.G.				
Est. Fuel Burn ( __/hr)				
Landing Weight				
Landing C.G.				

### Single Engine Performance Data

Takeoff Distance - Short Field (Ground Run) \_\_\_\_\_

Takeoff Distance - Short Field (50' Obstacle) \_\_\_\_\_

Best Angle of Climb (V<sub>x</sub>) \_\_\_\_\_

Best Rate of Climb (V<sub>y</sub>) \_\_\_\_\_

Landing Distance - Short Field (50' Obstacle) \_\_\_\_\_

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### V-SPEEDS:

V<sub>SO</sub> = \_\_\_\_\_

V<sub>S</sub> = \_\_\_\_\_

V<sub>X</sub> = \_\_\_\_\_

V<sub>Y</sub> = \_\_\_\_\_

V<sub>FE</sub> = \_\_\_\_\_

V<sub>A</sub> = \_\_\_\_\_

V<sub>NO</sub> = \_\_\_\_\_

V<sub>NE</sub> = \_\_\_\_\_

V<sub>LO</sub> = \_\_\_\_\_

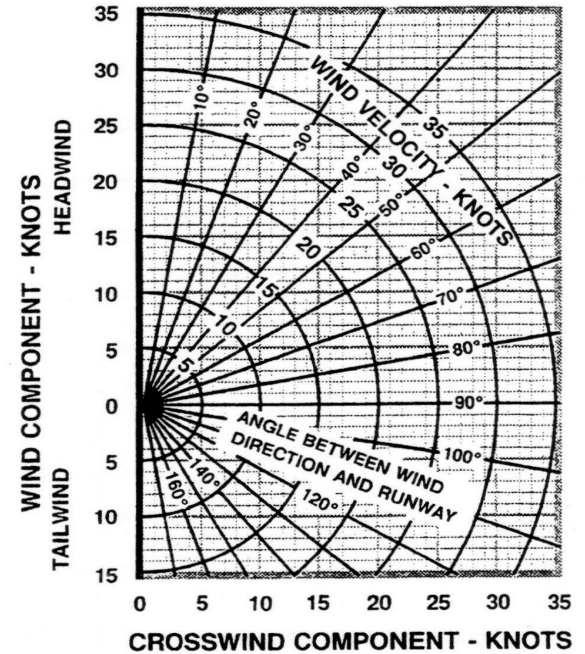
V<sub>LE</sub> = \_\_\_\_\_

MAX X-Wind = \_\_\_\_\_

MAX Tailwind = \_\_\_\_\_

Best Glide = \_\_\_\_\_

### WIND COMPONENTS



### TAKEOFF BRIEFING

Rotation Speed is \_\_\_\_\_ knots.  
 Computed take-off distance is \_\_\_\_\_ feet.  
 Available runway is \_\_\_\_\_ feet.

**If engine fails before rotation**, close the throttle, apply brakes as necessary.

**If engine fails after rotation below 500' AGL**, establish best glide, avoid obstacles, land straight ahead.

**If engine fails between 500' and 1000' AGL**, establish best glide, you may turn up to 45° right or left of flight path to land on most suitable field, avoid obstacles.

Do not attempt to turn back to the field without at least \_\_\_\_\_ feet AGL. Never assume a runway landing!

**TAKEOFF BRIEFING COMPLETE**

**All items required to be completed within one hour prior to each flight.**