

TOLD Sheet

Multi-Engine

Risk Mgmt #	Tach	Hobbs
5P's: Plan Plane Pilot		
Programming Passengers		Check Fuel!!!
Aircraft Identification	Instructor	Date
Departure Point	Student	Destination

Atmospheric Data

ATIS _____

Head Wind Component _____ X-Wind Component _____

Winds Aloft _____

9000
12000
Other _____

Pressure Altitude _____ Density Altitude _____

MAX WGTs

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

Multi Engine Performance Data

Accelerate Stop Distance (Normal Procedure) _____ * _____ = _____

Takeoff Distance - Normal (50' Obstacle) _____

Best Rate of Climb (Vy) _____

Best Rate of Climb (Vy) _____

Best Rate of Climb - Single Engine (Vyse) _____

Best Rate of Climb - Single Engine (Vyse) _____

Single Engine Service Ceiling _____

Landing Distance (50' Obstacle) _____ * _____ = _____

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V-SPEEDS:

V_{SO} = _____

V_S = _____

V_X = _____

V_Y = _____

V_{XSE} = _____

V_{YSE} = _____

V_{SSE} = _____

V_{MC} = _____

V_A = _____

V_{FE} = _____

V_{LO} = _____

V_{LE} = _____

V_{NO} = _____

V_{NE} = _____

MAX X-Wind = _____

MAX Tailwind = _____

Personal Minimums?

Ceiling? _____

Visibility? _____

Wind? _____

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.

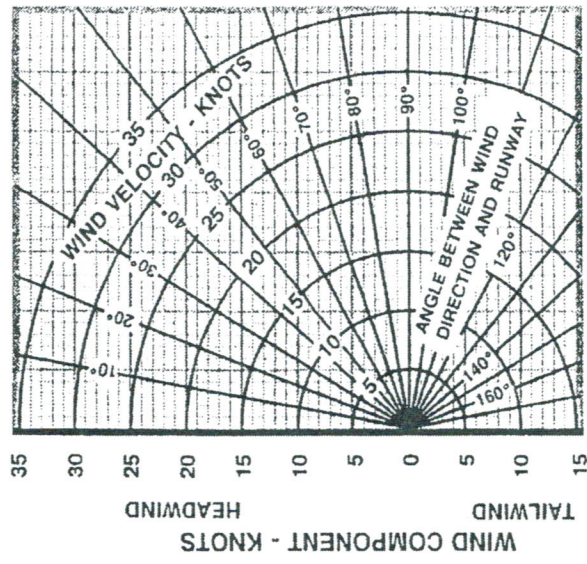
If engine fails after rotation with runway remaining, close throttle, land, apply brakes as necessary.

If engine fails after rotation without runway remaining, keep turns shallow to avoid obstacles, run through the checklist time permitting, declare emergency, land straight ahead.

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

TAKEOFF BRIEFING COMPLETE

WIND COMPONENTS



CROSSWIND COMPONENT - KNOTS

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