TOLD Sheet
Multi-Engine

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Multi-Engine

Tach		Hobbs	
		Check Fuel!!!	
Aircraft Identification		Date	
Instructor		Student	
Departure Point		Destination	

Atmospheric Data

ATIS

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				
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)		FPM (GD)
		FPM (GU)
Best Rate of Climb - Single Engine (Vyse)		
Best Rate of Climb - Single Engine (Vyse)		FPM (GU)
Single Engine Service Ceiling		
Landing Distance (50' Obstacle)		* ___ = _____

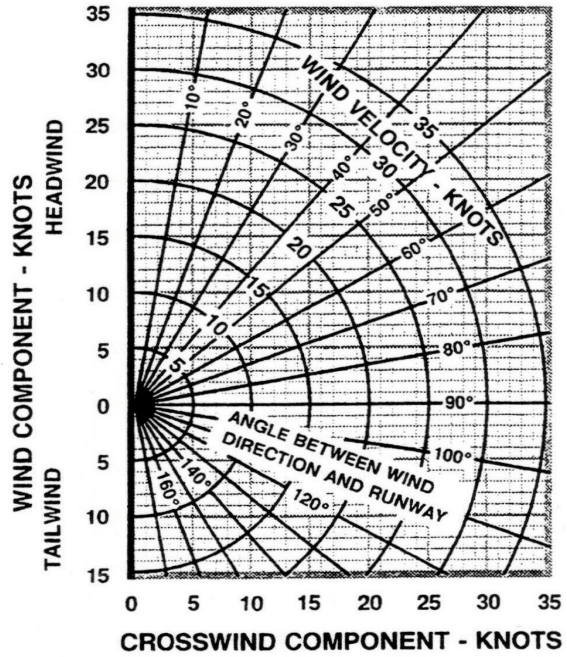
V-SPEEDS:

V_{S0} =
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 =

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 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

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