Weight and Balance

N Number: _____ Date: _____

Max Ramp WT: _____ Max T/O WT: _____

	Weight ✕	Arm =	Moment
Basic Empty Weight			
Pilot & Passenger	+		
Rear Passengers	+		
Baggage	+		
Zero Fuel Weight	=		
Fuel _____ Gal	+		
Ramp Weight (Cannot Exceed Max Ramp WT)	=		
Start/Taxi/Run-Up	-		
T/O Weight (Cannot Exceed Max T/O WT)	=		
CG Within Limits? ☐ Yes ☐ No			
Expected Fuel Burn	-		
Expected Landing Weight	=		
CG Within Limits? ☐ Yes ☐ No			
Minimum fuel required for proposed flight: _____ Gal			

Performance

	GROUND ROLL	50 FT CLEARANCE
TAKEOFF		
LANDING		

Pressure Altitude: _____

Density Altitude: _____

Active Runways/Length: _____

Headwind Component: _____

Crosswind Component: _____

PA = ((29.92 – Current ALT Setting) × 1000) + Field Elevation
Density Altitude = Pressure Alt + (120x(OAT-ISA))

V-SPEEDS