Aircraft Weight and Balance

Weight X Arm = Moment

	WT	ARM	MOMENT
Basic Empty Weight			
Pilot			
Front Passenger			
Rear Passengers			
Baggage (area 1)			
Baggage (area 2)			
Zero Fuel Weight/CG			
Fuel (6 lb/gal)			
Ramp Weight			
Minus fuel for Engine Start, Taxi, and Run-up			
Takeoff Weight			
Minus est. fuel burn (climb and cruise) 6lb/gal			
Landing Weight			

Pressure Altitude: _____

Temperature: _____

Density Altitude: _____

Take-off Ground Roll: _____

Total dist. to clear 50ft obst. _____

Landing Ground Roll: _____

Total dist. to land over 50ft obst. _____

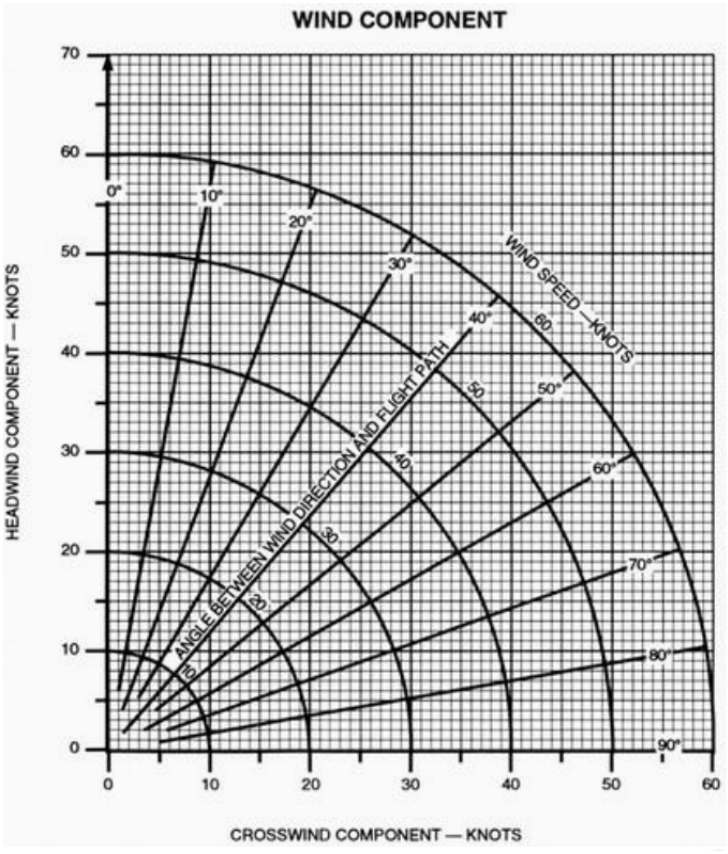
Headwind: _____

Crosswind: _____

Maneuvering Speed (Takeoff): _____

Maneuvering Speed (Landing): _____

Formulas:
PA = [29.92 - altimeter setting) x 1000 + field elevation
DA = (current temp - standard temp at field elev) x 120 + PA
Va = Va x √(current weight / max gross weight)



Aircraft	Empty Wt	Moment
N18LW	1650.90	64,317.70
N62AW	1694.47	66,421.32
N716MW	1651.50	65,037.30
N9348F	1677.3	66,193.94
N5327G	1698.10	69,847.19
N685SP	1685.00	68,136.30
N1232G	1676.64	67,955.96
N964SP	1682.06	66,426.40
N6245E	1676.40	65,946.22
N6245B	1673.20	65,790.00
N627CD	2227	316,361
N333GF	2191	311,459.36
N444GF	2220	316,976.70

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