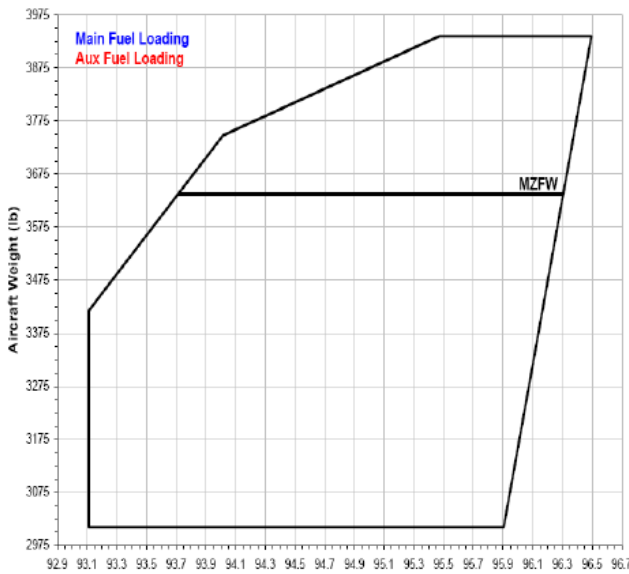


<b>N</b>	Date	ETD	Due Back Time
Instructor	Student 1	Student 2	Flight Plan Filed Y / N
Fuel on board	VFR / IFR	Dual / Solo	Mission #
Route / Practice Area:		Next Maintenance Event Due:	



Aircraft	BEW	Arm	Moment
4129M	2766	94.54	261498.28
4197D	2766	94.54	261498.28
966WW	2770	94.49	261815.56
424TS	2780	94.43	262508.05
<b>CHECK POH FOR UPDATED DATA</b>			

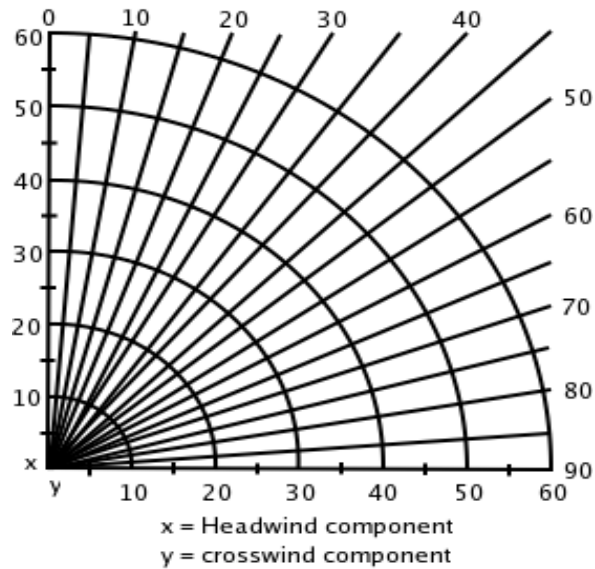
Ballast Loading Table <sup>1</sup>		Total Moment Change
Nose	Under Floor	
6	0	+172
5	1	+1752
4	2	+3334
3	3	+4914
2	4	+6494
1	5	+8076
0	6	+9656

Item	Weight	Arm	Moment
Manufacturer Empty Weight			
Ballast Weight	<b>67.2</b>		
Basic Empty Weight			
Pilot and Front Passenger		<b>90.6</b>	
Aft Passengers		<b>128.0</b>	
Nose Baggage Comp. (Max. 66 lbs)		<b>23.6</b>	
Cockpit Baggage Comp. (Max. 100 lbs)		<b>153.1</b>	
Baggage Extension (Max. 40 lbs)		<b>178.7</b>	
Ballast Loading Moment <sup>1</sup>			
Zero Fuel Weight (Max. 3638)			
Fuel – Main Tanks (50 gal – 6 lb/gal)		<b>103.5</b>	
Fuel – Aux Tanks (26.4 gal – 6 lb/gal)		<b>126.0</b>	
Ramp Weight			
Fuel Allowance (Start, Taxi, Run-up)	<b>-22</b>	<b>103.5</b>	<b>-2277</b>
Take-Off Weight (Max. 3935)		CG	
Fuel State Main		<b>103.5</b>	
Fuel State Aux		<b>126.0</b>	
Landing Weight (Max. 3748)		CG	

Airport:	ATIS:		
X-Wind Component:	kts	Pressure Altitude:	ft
TODR:	ft	Density Altitude:	ft
LDR:	ft ≤	TODR x 1.25:	ft ≤
S.E. Rate of Climb	fpm	Departure TODA:	ft
		Destination LDA:	ft
		TO 50' + LND 50' =	ft
		S.E. Climb Gradient	fnm
		S.E. Service Ceiling	MSL

CLIMB RATE TO CLIMB GRADIENT CONVERSION	
Wind Component	Divide Rate By:
0	1.5
10 kts Head Wind	1.33
20 kts Head Wind	1.16
10 kts Tail Wind	1.66

Climb Rate \_\_\_\_\_ ÷ \_\_\_\_\_ (Conversion) = \_\_\_\_\_ (Ft/Nm)



Airport:		ATIS:				
X-Wind Component:	kts	Pressure Altitude:	ft	Density Altitude:	ft	
TODR:	ft	TODR x 1.25:	ft	≤	Departure TODA:	ft
LDR:	ft	≤	Destination LDA:	ft	TO 50' + LND 50' =	ft
S.E. Rate of Climb	fpm	S.E. Climb Gradient	fnm	S.E. Service Ceiling	MSL	