NTSB Weight and Balance and Takeoff Distance Computations

	Weight	Arm	Moment
Basic empty weight	1490		1626.45
Front seat occupants	440	110	440
Baggage	10	142	14
Zero fuel weight	1940		
Fuel	240	117	281
Ramp condition	2180		2361.45

	Min	Max
Moment min and max for 2,200 lbs	2463	2603

	FWD	AFT
CG Limit	112	118.3

Calculated CG **108.3234**

Takeoff Distance		
Wind	**Temp**	**Ground Run**
10	90	1109
30	90	889
17	90	**999**