

	Weights	Arm	Moment
EW	2599	79.2	2018.4
Fuel (74 gal usable)	444	75	333
Tip Tanks (40 gal)	240	89.5	214.8
Seat 1	227	82	186.1
Seat 2	160	82	131.2
FWD Bag	100	150	150
	<b>3770</b>		3033.5

Temp	26	<b>CG</b>	<b>80.46</b>
Wind	1 kt tailwind		
Obstacle	50 ft		

<b>Total Ground Roll</b>	<b>2500</b>	<b>ft</b>
Per STC increase t/o distance 5% for every 100 lbs over 3,650 lbs	125	
<b>Adjusted ground roll</b>	<b>2625</b>	<b>ft</b>

<b>Climb rate</b>	<b>1190</b>	<b>fpm</b>
Per STC at weights above 3,650 lbs, reduce 3,650 lbs published climb at 3,780 lbs by 100 fpm at sea level		
<b>Adjusted climb rate</b>	<b>1090</b>	<b>fpm</b>