

Accident flight							
	Weight	ARM	Moment/100				
Empty	1993	78.6	1566.5				
Pilot	220	85	187				
Pax	250	85	212.5				
Pax	160	121	193.6		Red = exceeds maximum limit		
Pax	200	121	242				
n/a	0						
Bag	5	140	7				
	2828	85.16	2408.6				
Fuel	120	75	90				
Ramp	2948	84.75	2498.6				
Fuel	-10	75	-8				
Takeoff	2938	84.77	2490.6		Aft CG limit at 2950 lbs is 84.7		
Previous flight							
	Weight	ARM/CG	Moment/100				
Empty	1993	78.6	1566.5				
Pilot	220	85	187				
Pax	250	85	212.5				
Pax	160	121	193.6				
Pax	200	121	242				
n/a	0						
Bag	5	140	7				
	2828	85.16	2408.6				
Fuel	150	75	112.5				
Ramp	2978	84.66	2521.1		Max ramp weight = 2960		
Fuel	-10	75	-8				
					Max takeoff weight = 2950		
Takeoff	2968	84.7	2513.1		Aft CG limit at 2950 lbs is 84.7		
					Max moment/100 = 2499		