

Aircraft Identifier: N8973J	Aircraft Type: PA-28-180	Departure Date:	Departure Time:
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Weight and Balance at Departure			
Loads	Weight (lbs)	Arm (in)	Moment/1000
Empty Aircraft	1365.26	86.8867	118.6229
Pilot	212.0	85.5	18.13
Front Passenger	200.0	85.5	17.10
Rear Passenger 1	0.0	118.1	0.00
Rear Passenger 2	46.0	118.1	5.43
Baggage (Max 200)	10.0	142.8	1.43
Fuel (50 Max 6lbs/Gal)	50	300.0	95.0
Oil (Qts)	7	13.1	32.5
Fuel Ground Ops	1.1	-6.6	-0.63
Totals	2139.8		189.01
CG = Total Moment / Total Weight			88.3308512

Weight and Balance at Arrival			
Loads	Weight (lbs)	Arm (in)	Moment/1000
Empty Aircraft	1373.91	86.65	119.05
Pilot	212.0	85.5	18.13
Front Passenger	200.0	85.5	17.10
Rear Passenger 1	0.0	118.1	0.00
Rear Passenger 2	46.0	118.1	5.43
Baggage (Max 200)	10.0	142.8	1.43
Fuel (50 Max 6lbs/Gal)	10	60.0	95.0
Oil (Qts)	7	13.1	32.5
Totals	1915.0		167.26
CG = Total Moment / Total Weight			87.34172691

