

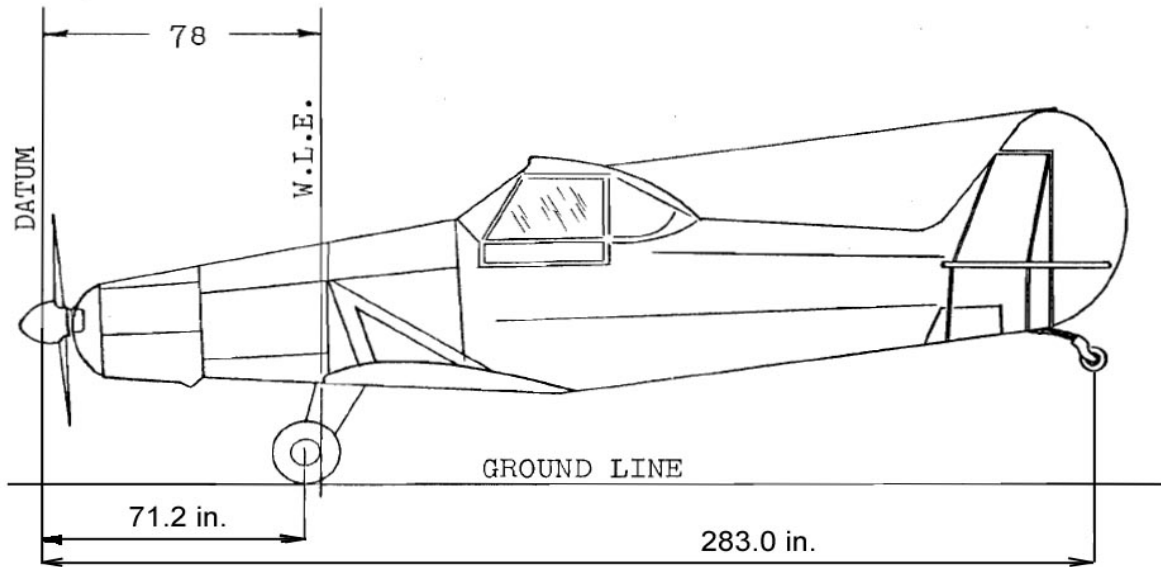
Weight and Balance

Piper PA-25-235

S/N 25-3122

N7211Z

13 August 2005



Aircraft weighted in following condition:

39 gal fuel (full), 12 qts oil, all duster and spray equipment removed,
1 ea. KY-97 transceiver, 1 ea. KT76 transponder, ACK A-30 encoder,
AV534 antenna, AV22 transponder antenna.

	Weight	Arm	Moment
Left Main Wheel	780 lbs	71.2 in	55536.0 in lbs
Right Main Wheel	793 lbs	71.2 in	56461.6 in lbs
Tail Wheel	91 lbs	283.0 in	25753.0 in lbs
	1664 lbs		137750.6 in lbs
 Remove Usable Fuel			
Fuel (39 gal)	234 lbs	63.0 in	14742.0 in lbs
 Basic Empty Weight	1430 lbs	86.0 in	123008.6 in lbs

Empty Weight CG includes 3 gal unusable fuel, 12 qts oil

Weight and Balance Limits

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Limitations

(+88.4) to (+92.5) at 2900 lbs

(+85.6) to (+92.5) at 1793 lbs or less

Straight line variation between points given.

	Weight	Arm	Moment
Min Pilot Weight Full Fuel			
Empty Aircraft	1430	86.0	123008.6
Fuel (39 gal)	234	63.0	14742.0
Pilot	95	135.0	12825.0
	1759	85.6	150575.6
Max Pilot Weight Full Fuel			
Empty Aircraft	1430	86.0	123008.6
Fuel (39 gal)	234	63.0	14742.0
Pilot	380	135.0	51300.0
	2044	92.5	189050.6
Min Pilot Weight Zero Usable Fuel			
Empty Aircraft	1430	86.0	123008.6
Fuel (0 gal)	0	63.0	0.0
Pilot	0	135.0	0.0
	1430	86.0	123008.6
Max Pilot Weight Zero Usable Fuel			
Empty Aircraft	1430	86.0	123008.6
Fuel (0 gal)	0	63	0.0
Pilot	217	135	29295.0
	1647	92.5	152303.6
Min Pilot Weight 5 Gal Usable Fuel			
Empty Aircraft	1430	86.0	123008.6
Fuel (5 gal)	30	63.0	1890.0
Pilot	3	135.0	405.0
	1463	85.6	125303.6
Max Pilot Weight 5 Gal Usable Fuel			
Empty Aircraft	1430	86.0	123008.6
Fuel (5 gal)	30	63.0	1890.0
Pilot	240	135.0	32400.0
	1700	92.5	157298.6

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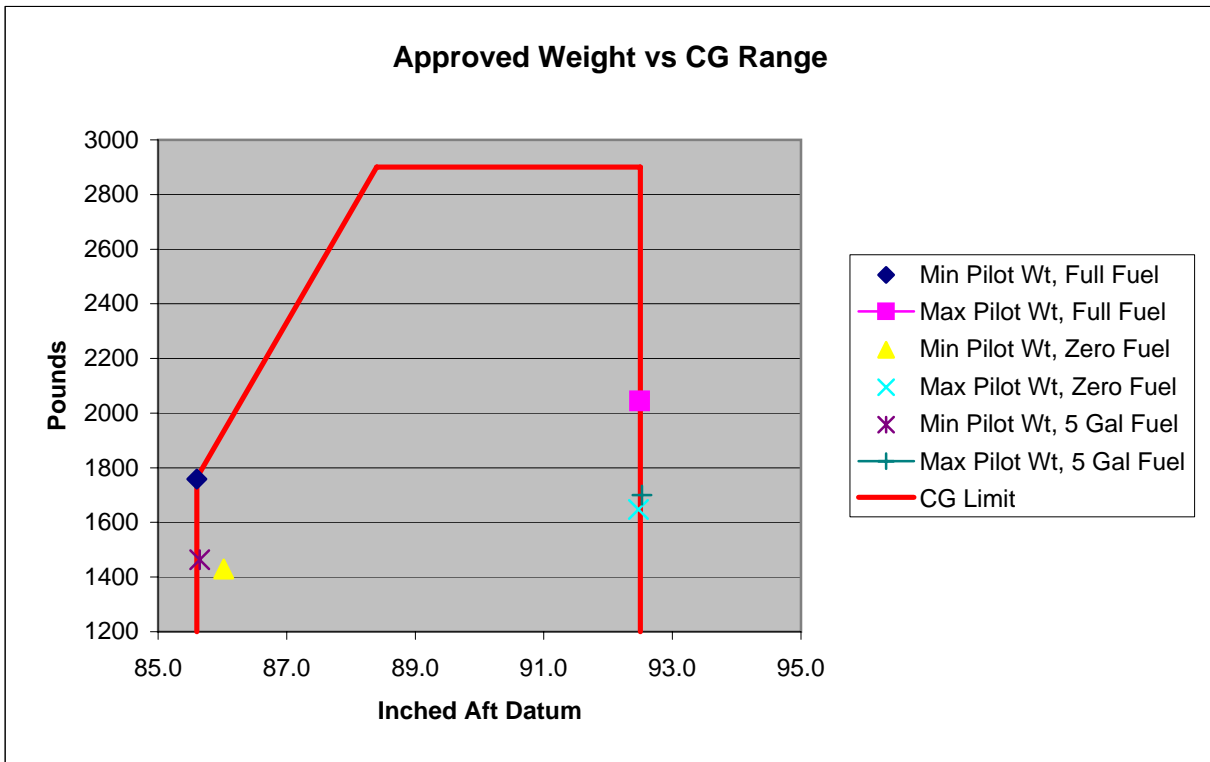
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The conditions listed below are plotted in the above graph.

Min Pilot Weight Full Fuel	95 lbs
Max Pilot Weight Full Fuel	380 lbs
Min Pilot Weight Zero Usable Fuel	0 lbs
Max Pilot Weight Zero Usable Fuel	217 lbs
Min Pilot Weight 5 Gal Usable Fuel	3 lbs
Max Pilot Weight 5 Gal Usable Fuel	240 lbs