

		Worst-case value in each category is highlighted in Red	Cessna 172			Piper Cherokee				
			EX-AB	All	No Training or Student Pilots	Cessna 210	PA-28-140, 161, 180, 181)	Archer (PA-28-181)	Cherokee 140 (PA-28-140)	Warrior (PA-28-161)
Loss of Engine Power	Undetermined	9.1%	3.4%	3.4%	9.5%	6.3%	2.5%	7.2%	8.0%	3.6%
	Engine Internal	3.2%	1.5%	1.8%	5.4%	2.5%	0.0%	3.9%	1.6%	3.6%
	Fuel - Engine	1.0%	0.1%	0.1%	0.3%	0.4%	0.0%	0.0%	0.8%	1.8%
	Fuel - System	1.6%	0.3%	0.3%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	Conventional Ignition	0.8%	0.2%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
	Electronic Ignition	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Fuel Exhaustion	3.4%	5.7%	7.3%	8.9%	9.0%	11.6%	6.1%	5.6%	12.5%
	Fuel Starvation	1.4%	0.6%	0.8%	4.6%	3.8%	3.3%	4.4%	4.8%	3.6%
	Fuel Contamination	1.0%	0.8%	0.8%	0.5%	0.7%	0.0%	1.1%	0.0%	0.0%
	Drive system	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Oil System	0.7%	0.6%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carb Mech	0.9%	0.4%	0.3%	0.3%	0.2%	0.0%	0.6%	0.0%	0.0%
	Carb Ice	1.9%	1.5%	1.7%	0.0%	2.2%	0.8%	2.2%	3.2%	5.4%
	Cooling System	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Loss of Control	Pilot Mishandling	38.6%	60.9%	56.1%	35.1%	39.7%	40.5%	39.4%	44.0%	30.4%
	Other	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Unknown	1.6%	0.5%	0.4%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Pilot Judgement	Continued VFR into IFR	1.2%	3.5%	4.4%	4.3%	5.8%	5.8%	6.7%	0.8%	1.8%
	Disorientation	0.2%	1.0%	1.3%	0.5%	0.5%	0.8%	1.1%	0.0%	0.0%
	Wake Turblence	0.1%	0.4%	0.2%	0.0%	0.4%	0.0%	0.6%	0.0%	0.0%
	Manuevering at Low Altitude	4.6%	3.5%	4.1%	0.5%	2.9%	5.0%	3.3%	1.6%	1.8%
	Failure to Recover from Maneuver	0.6%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Density Altitude	0.2%	0.4%	0.5%	0.3%	1.8%	0.8%	2.8%	1.6%	3.6%
	Midair	1.2%	2.3%	2.1%	1.1%	2.0%	2.5%	1.1%	2.4%	1.8%
	Inadequate Preflight	1.9%	1.1%	1.4%	0.3%	0.9%	0.0%	1.1%	0.0%	0.0%

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Mechanical Failure (other than engine)	Builder/Manufacturer error	5.3%	0.3%	0.3%	0.5%	0.2%	0.8%	0.0%	0.0%	0.0%
	Maintainer Error	4.3%	2.1%	2.3%	8.9%	4.5%	1.7%	5.0%	4.8%	3.6%
	Airframe	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Controls	1.4%	0.1%	0.0%	1.1%	0.5%	0.0%	1.7%	0.0%	0.0%
	Propeller/Spinner	1.2%	0.2%	0.1%	0.0%	0.5%	0.0%	0.6%	0.8%	1.8%
	Gear/Brakes	2.3%	0.5%	0.6%	7.6%	1.1%	1.7%	1.7%	0.0%	0.0%
	Other	1.2%	1.0%	1.0%	2.2%	0.2%	0.8%	0.0%	0.0%	0.0%
Misc. Factors	Pilot Incapacitation	0.5%	0.3%	0.4%	0.5%	0.5%	0.0%	0.6%	0.8%	0.0%
	Control Blockage	0.4%	0.2%	0.3%	0.0%	0.2%	0.8%	0.0%	0.0%	0.0%
	Inexperience	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	CG or Weight	0.4%	0.1%	0.1%	0.0%	0.9%	0.0%	1.7%	1.6%	3.6%
	Fire	0.2%	0.5%	0.5%	0.8%	0.4%	0.8%	0.0%	0.8%	1.8%
	Suicide	0.1%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Controller Error	0.0%	0.2%	0.2%	0.0%	0.2%	0.0%	0.0%	0.8%	1.8%
	Taxi collision	0.5%	0.6%	0.6%	0.0%	4.0%	9.1%	0.6%	7.2%	1.8%
	Bird Strike	0.3%	0.3%	0.2%	0.3%	1.6%	0.8%	2.2%	3.2%	3.6%
	Turbulence/Winds	0.6%	0.4%	0.4%	0.3%	1.1%	0.8%	0.6%	0.8%	1.8%
	Runway Condition	0.6%	0.5%	0.5%	0.0%	1.4%	2.5%	0.6%	0.8%	1.8%
	Other	0.6%	3.1%	3.1%	2.4%	2.3%	5.0%	1.7%	2.4%	5.4%
	Undetermined	1.4%	0.6%	0.8%	0.5%	0.9%	0.8%	1.7%	0.8%	1.8%
	Alcohol	0.1%	0.0%	0.0%	0.0%	0.4%	0.8%	0.0%	0.0%	0.0%
	Illegal Drugs	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%	0.0%	0.8%	1.8%

Total Accidents	3348	1555	1186	370	556	121	180	125	56
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