

Homebuilt Accidents - 1998 through 2007, inclusive		Component which caused engine failure										
	Total Number of Accidents	Accidents Stemming from Engine Failure	Undetermined	Engine Internal	Fuel Delivery - Engine side of firewall	Ignition	Engine Controller	drive system	Oil System	Carb Mech	Carb Ice	Cooling System
<b>All Engines/Types</b>	<b>1963</b>	<b>433</b>	<b>198</b>	<b>88</b>	<b>20</b>	<b>20</b>	<b>12</b>	<b>21</b>	<b>17</b>	<b>20</b>	<b>31</b>	<b>6</b>
All Engines - Fixed Wing Only	1741	392	185	79	19	17	11	8	17	20	30	6
All Engines - Rotorcraft	222	41	13	9	1	3	1	13	0	0	1	0
<b>Certified Engines/All</b>	<b>1076</b>	<b>160</b>	<b>73</b>	<b>31</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>13</b>	<b>22</b>	<b>0</b>
Certified Engines- Fixed Wing Only	1062	159	73	31	5	4	2	0	9	13	22	0
<b>Auto Conversions</b>	<b>307</b>	<b>95</b>	<b>42</b>	<b>17</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4</b>
Auto Conversions, Fixed Wing	243	91	39	16	4	9	6	4	3	3	3	4
Auto Conversions Rotary Wing	64	4	3	1	0	0	0	0	0	0	0	0
<b>Four-Stroke Non-Conversions</b>	<b>259</b>	<b>57</b>	<b>29</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>
Four-Stroke Non-Conversions Fixed Wing	175	31	21	1	4	1	0	0	3	1	0	0
Four-Stroke Non-Conversion Rotary Wing	84	26	8	5	0	2	1	9	0	0	1	0
<b>Two-Strokes</b>	<b>305</b>	<b>94</b>	<b>40</b>	<b>28</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>2</b>
Two-Strokes Fixed Wing	245	86	38	25	4	3	3	3	0	3	5	2
Two-Stroke Rotary Wing	60	8	2	3	0	0	0	3	0	0	0	0

Ron Wanttaja 11/27/2009