

## C-17 FLIGHT MISHAP HISTORY (All Rates per 100,000 Flying Hours)

YEAR	CLASS A		CLASS B		DESTROYED		FATAL		HOURS	CUM HRS
	Total Class A Mishaps	Class A Rate	Total Class B Mishaps	Class B Rate	Total Destroyed	Destroyed Rate	PILOT	ALL		
FY91	0	0.00	0	0.00	0	0.00	0	0	8	8
FY92	0	0.00	0	0.00	0	0.00	0	0	539	547
FY93	0	0.00	0	0.00	0	0.00	0	0	1,251	1,798
FY94	0	0.00	0	0.00	0	0.00	0	0	4,453	6,251
FY95	0	0.00	0	0.00	0	0.00	0	0	12,968	19,219
FY96	1	4.75	1	4.75	0	0.00	0	0	21,050	40,269
FY97	1	3.78	1	3.78	0	0.00	0	0	26,487	66,756
FY98	1	2.35	0	0.00	0	0.00	0	0	42,623	109,379
FY99	0	0.00	1	1.76	0	0.00	0	0	56,676	166,055
FY00	0	0.00	3	5.13	0	0.00	0	0	58,424	224,479
FY01	0	0.00	3	3.70	0	0.00	0	0	81,072	305,551
FY02	2	1.82	10	9.10	0	0.00	0	0	109,878	415,429
FY03	1	0.63	7	4.38	0	0.00	0	0	159,836	575,265
FY04	3	1.92	3	1.92	0	0.00	0	1	156,297	731,562
FY05	6	3.80	10	6.34	0	0.00	0	0	157,753	889,315
FY06	2	1.26	2	1.26	0	0.00	0	0	158,855	1,048,170
FY07	2	1.13	2	1.13	0	0.00	0	0	177,297	1,225,467
FY08	0	0.00	5	2.74	0	0.00	0	0	182,635	1,408,102
FY09	2	0.93	2	0.93	0	0.00	0	0	214,105	1,622,207
FY10	2	0.86	0	0.00	1	0.43	3	4	231,398	1,853,605
FY11	1	0.45	3	1.36	0	0.00	0	0	220,878	2,074,483
FY12	1	0.49	1	0.49	0	0.00	0	0	202,246	2,276,729
FY13	1	0.56	2	1.11	0	0.00	0	0	179,531	2,456,260
FY14	1	0.55	0	0.00	0	0.00	0	0	182,576	2,638,836
FY15	4	2.28	3	1.71	0	0.00	0	0	175,566	2,814,402
FY16	0	0.00	5	3.08	0	0.00	0	0	162,300	2,976,702
FY17	1	0.65	0	0.00	0	0.00	0	0	153,921	3,130,623
FY18	1	0.71	6	4.28	0	0.00	0	0	140,207	3,270,830
FY19	1	0.74	1	0.74	0	0.00	0	0	134,995	3,405,825
<b>Total</b>	<b>34.00</b>		<b>71.00</b>		<b>1.00</b>		<b>3.00</b>	<b>5.00</b>		<b>3,405,825</b>
	Average Annual Class A Mishaps	Average Class A Rate	Average Annual Class B Mishaps	Average Class B Rate	Average Annual Destroyed	Average Destroyed Rate	Average Pilot Fatal Rate	Average Fatal Rate	Average Annual Hours	
<b>5 YR</b>	<b>1.40</b>	<b>0.91</b>	<b>3.00</b>	<b>1.96</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>153,398</b>	
<b>10 YR</b>	<b>1.30</b>	<b>0.73</b>	<b>2.10</b>	<b>1.18</b>	<b>0.10</b>	<b>0.06</b>	<b>0.17</b>	<b>0.22</b>	<b>178,362</b>	
<b>LIFETIME</b>	<b>1.17</b>	<b>1.00</b>	<b>2.45</b>	<b>2.08</b>	<b>0.03</b>	<b>0.03</b>	<b>0.09</b>	<b>0.15</b>	<b>117,442</b>	

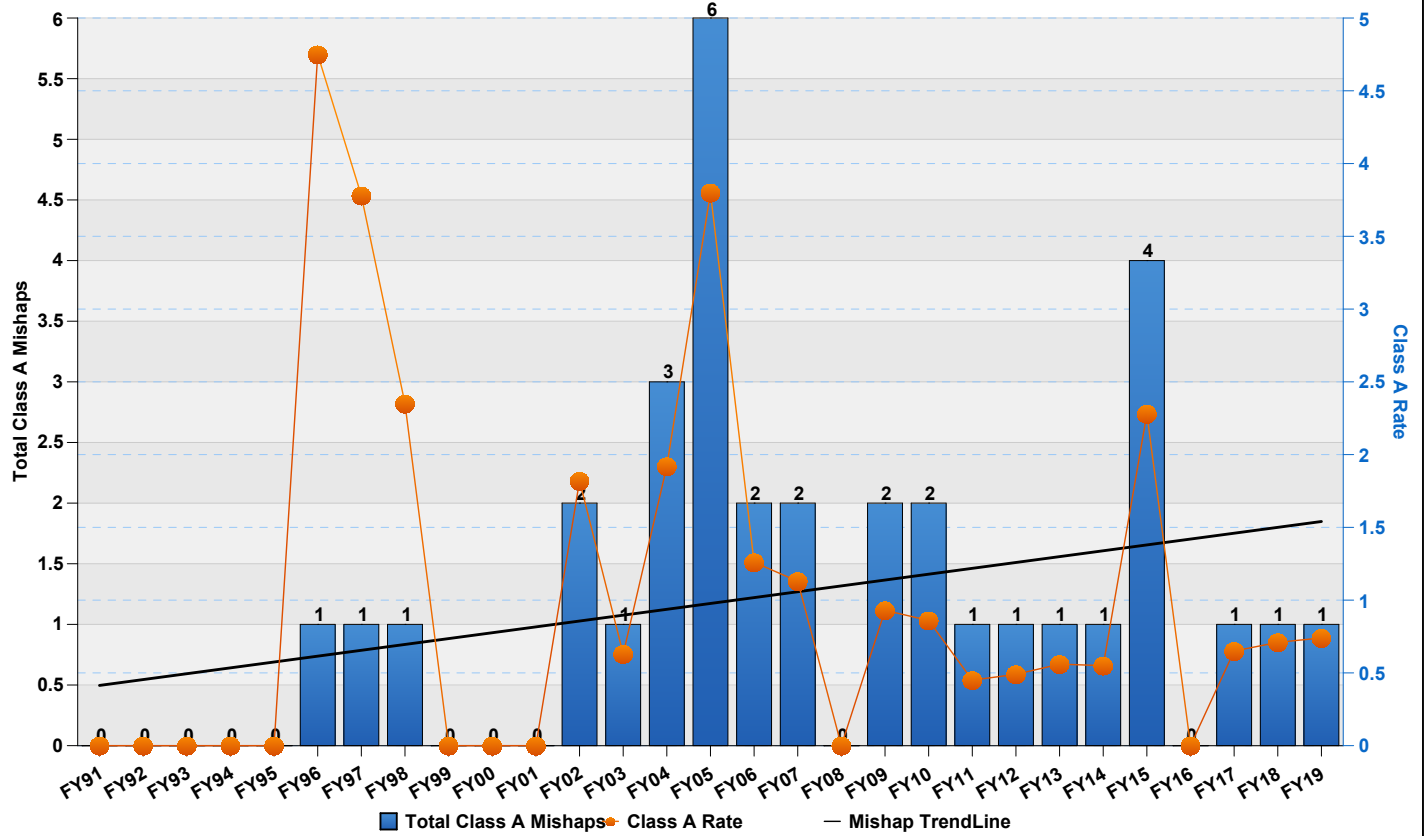
Flight "rates" are number of mishaps per 100,000 flight hours. Only Aviation "Flight" mishaps are reported here. An Aviation "Flight" mishap is any mishap in which there is intent for flight and reportable damage to a DoD aircraft. Explosives and chemical agents or guided missile mishaps that cause damage in excess of \$20,000 to a DoD aircraft with intent for flight are categorized as aircraft flight mishaps to avoid dual reporting. This is the only aviation mishap subcategory that contributes to the flight mishap rate (NOT flight-related or Aviation Ground Ops). Fiscal Years that have zero flying hours have been excluded.

Class A Mishap. A mishap resulting in one or more of the following: 1. Direct mishap cost totaling \$2,000,000 or more (\$1,000,000 for mishaps occurring before FY10). 2. A fatality or permanent total disability. 3. Destruction of a DoD aircraft. NOTE: A destroyed UAV/RPA is not a Class A mishap unless the preceding criteria in "1" or "2" are met. Class B Mishap. A mishap resulting in one or more of the following: 1. Direct mishap cost totaling \$500,000 or more but less than \$2,000,000 (\$200,000 to \$1,000,000 prior to FY10). 2. A permanent partial disability. 3. Inpatient hospitalization of three or more personnel. Does not count or include individuals hospitalized for observation, diagnostic, or administrative purposes that were treated and released.

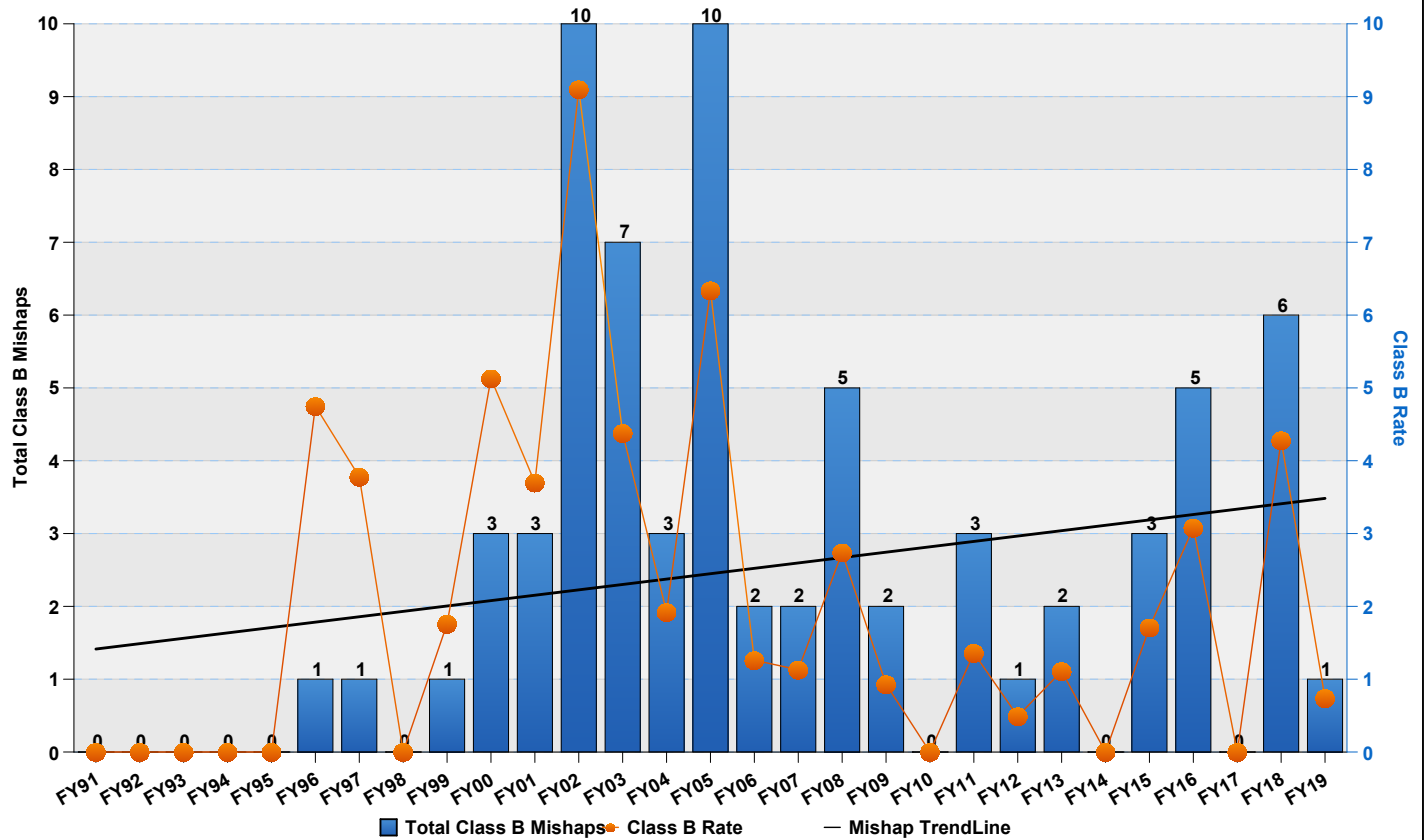
Destroyed Aircraft: Only aircraft owned, designated or leased as "USAF" are included. Fatalities: Pilot totals only include "USAF" personnel designated as "pilot" by the Safety Investigation Board. "All" fatalities include all aviation-related fatalities regardless of designation (USAF, foreign, civilian, etc) or role (pilot, operator, passenger, etc). Additionally, all aviation-related fatalities count toward fatality rate regardless if they resulted from a "flight" (rate-producing) mishap or not.

UPDATED 31-Oct-19

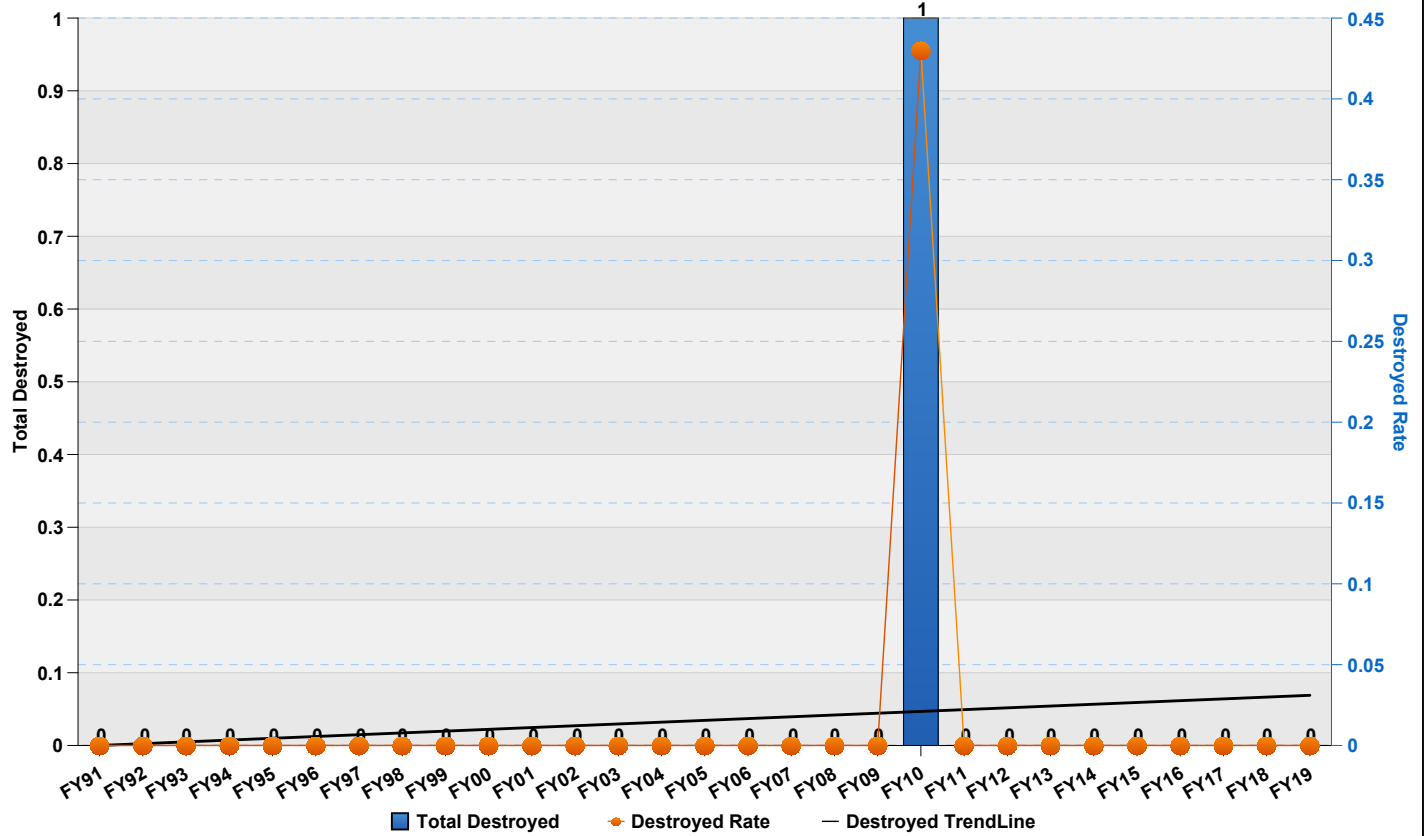
C-17 Class A Mishaps by Fiscal Year



C-17 Class B Mishaps by Fiscal Year



C-17 Destroyed Aircraft by Fiscal Year



C-17 Fatalities (All) by Fiscal Year

