

F-22 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		
FY00	0	0.00	0	0.00	0	0.00	0	0	0	0
FY01	0	0.00	0	0.00	0	0.00	0	0	0	0
FY02	1	0.00	0	0.00	0	0.00	0	0	0	0
FY03	0	0.00	1	757.58	0	0.00	0	0	132	132
FY04	1	32.12	4	128.49	0	0.00	0	0	3,113	3,245
FY05	1	24.89	0	0.00	1	24.89	0	0	4,017	7,262
FY06	1	11.10	2	22.19	0	0.00	0	0	9,012	16,274
FY07	0	0.00	1	6.90	0	0.00	0	0	14,488	30,762
FY08	1	5.56	3	16.69	0	0.00	0	0	17,978	48,740
FY09	1	4.76	2	9.53	1	4.76	0	1	20,988	69,728
FY10	0	0.00	1	4.05	0	0.00	0	0	24,675	94,403
FY11	1	6.54	1	6.54	1	6.54	1	1	15,289	109,692
FY12	3	11.32	2	7.55	0	0.00	0	0	26,507	136,199
FY13	1	3.82	3	11.46	1	3.82	0	0	26,183	162,382
FY14	1	3.34	3	10.02	0	0.00	0	0	29,940	192,322
FY15	1	3.13	7	21.88	0	0.00	0	0	31,991	224,313
FY16	1	3.24	6	19.43	0	0.00	0	0	30,888	255,201
FY17	1	2.96	4	11.82	0	0.00	0	0	33,833	289,034
FY18	5	13.01	2	5.21	0	0.00	0	0	38,424	327,458
FY19	6	21.48	2	7.16	0	0.00	0	0	27,932	355,390
Total	26.00		44.00		4.00		1.00	2.00		355,390
	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	
5 YR	2.80	8.59	4.20	12.88	0.00	0.00	0.00	0.00	32,614	
10 YR	2.00	7.00	3.10	10.85	0.20	0.70	0.35	0.35	28,566	
LIFETIME	1.30	7.32	2.20	12.38	0.20	1.13	0.28	0.56	17,770	

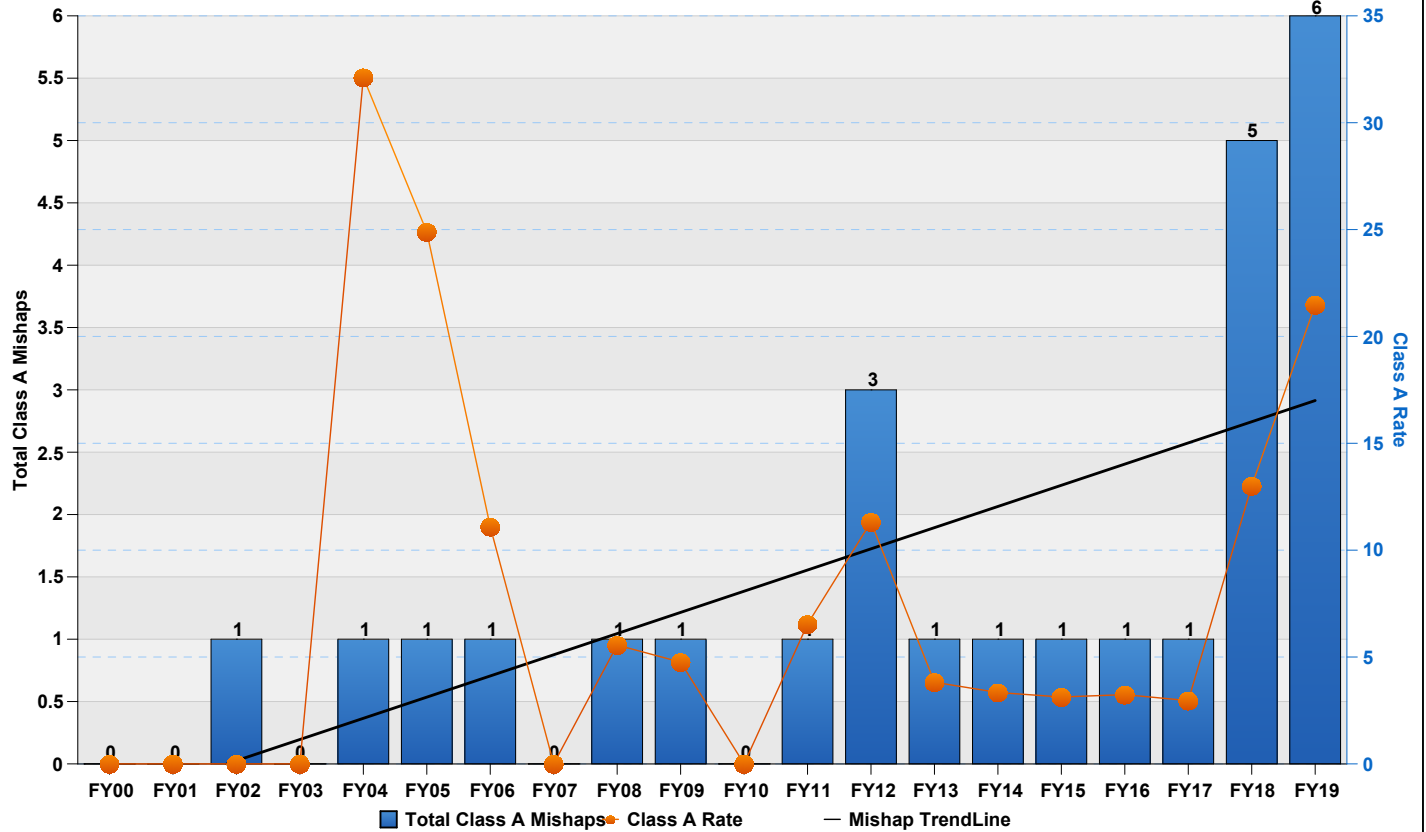
Flight "rates" are number of mishaps per 100,000 flight hours. Only Aviation "Flight" mishaps are reported here. An Aviation "Flight" mishap is any mishap in which there is intent for flight and reportable damage to a DoD aircraft. Explosives and chemical agents or guided missile mishaps that cause damage 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.

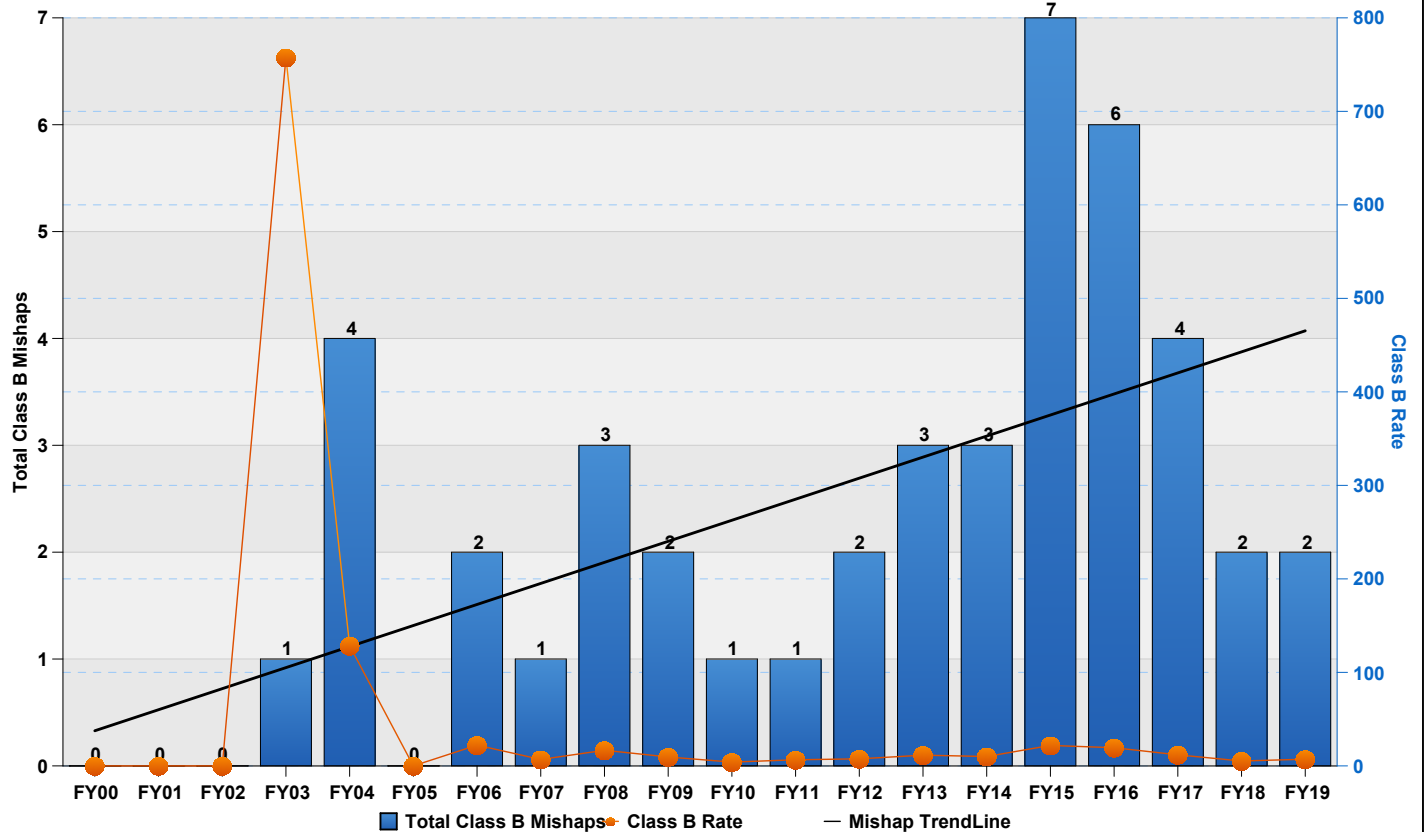
Destroyed Aircraft: Only aircraft owned, designated or leased as "USAF" are included. **Fatalities:** Pilot totals only include "USAF" personnel designated as "pilot" by the Safety Investigation Board. "All" fatalities include all aviation-related fatalities regardless of designation (USAF, foreign, 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 01-Nov-19

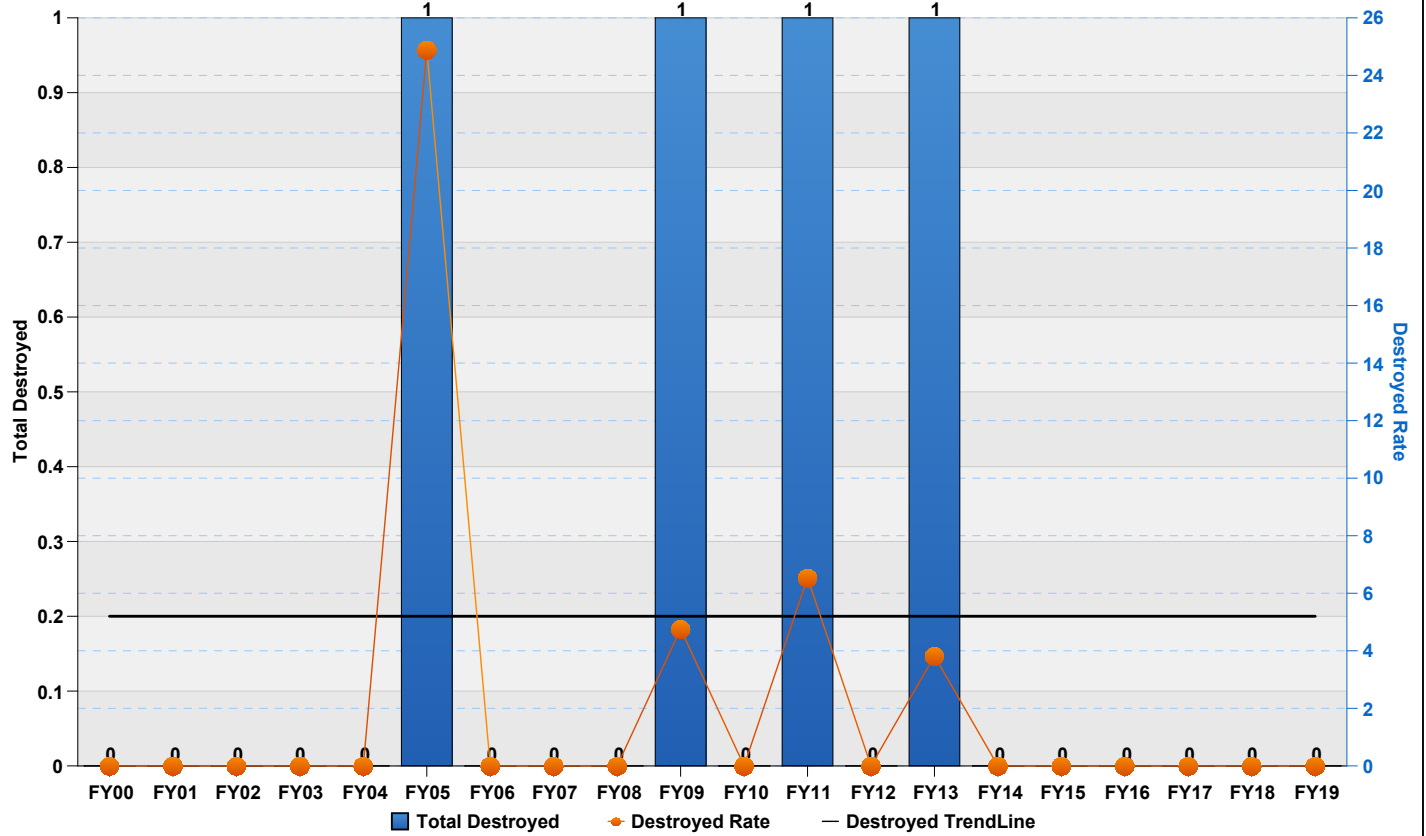
F-22 Class A Mishaps by Fiscal Year



F-22 Class B Mishaps by Fiscal Year



F-22 Destroyed Aircraft by Fiscal Year



F-22 Fatalities (All) by Fiscal Year

