E-3 FLIGHT MISHAP HISTORY
(All Rates per 100,000 Flying Hours)

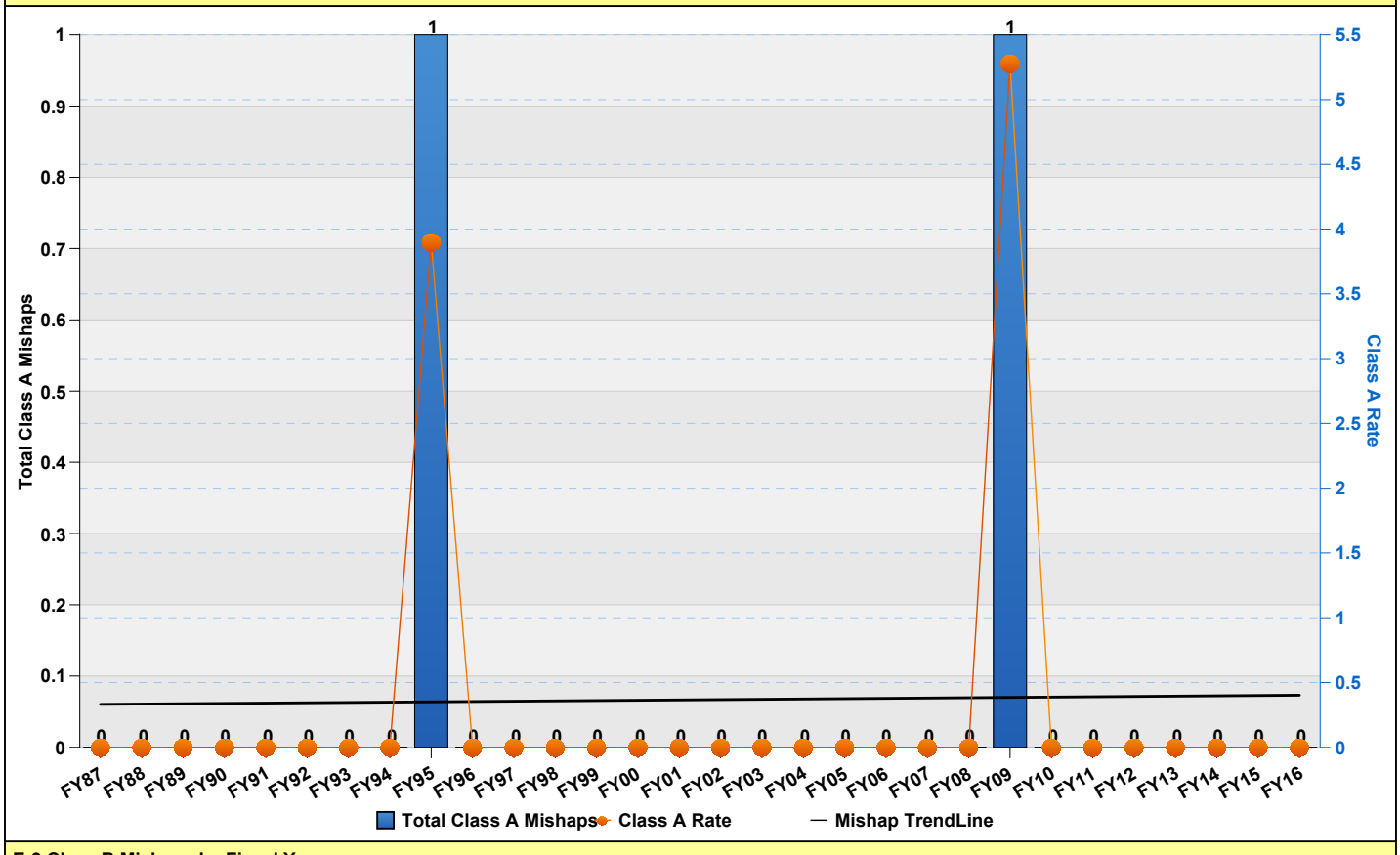
	CLASS A		CLASS B		DESTROYED		FATAL			
YEAR	Total Class A Mishaps	Class A Rate	Total Class B Mishaps	Class B Rate	Total Destroyed	Destroyed Rate	PILOT	ALL	HOURS	CUM HRS
CY77	0	0.00	0	0.00	0	0.00	0	0	981	981
CY78	0	0.00	0	0.00	0	0.00	0	0	4,939	5,920
CY79	0	0.00	0	0.00	0	0.00	0	0	10,304	16,224
CY80	0	0.00	0	0.00	0	0.00	0	0	15,453	31,677
CY81	0	0.00	0	0.00	0	0.00	0	0	24,389	56,066
CY82	0	0.00	0	0.00	0	0.00	0	0	27,430	83,496
CY83	0	0.00	1	3.36	0	0.00	0	0	29,737	113,233
CY84	0	0.00	0	0.00	0	0.00	0	0	30,159	143,392
CY85	0	0.00	1	3.38	0	0.00	0	0	29,628	173,020
CY86	0	0.00	0	0.00	0	0.00	0	0	28,701	201,721
FY87	0	0.00	0	0.00	0	0.00	0	0	23,302	225,023
FY88	0	0.00	0	0.00	0	0.00	0	0	29,005	254,028
FY89	0	0.00	0	0.00	0	0.00	0	0	22,886	276,914
FY90	0	0.00	0	0.00	0	0.00	0	0	26,141	303,055
FY91	0	0.00	0	0.00	0	0.00	0	0	32,343	335,398
FY92	0	0.00	0	0.00	0	0.00	0	0	33,329	368,727
FY93	0	0.00	0	0.00	0	0.00	0	0	27,779	396,506
FY94	0	0.00	0	0.00	0	0.00	0	0	24,378	420,884
FY95	1	3.90	0	0.00	1	3.90	2	24	25,612	446,496
FY96	0	0.00	0	0.00	0	0.00	0	0	25,426	471,922
FY97	0	0.00	0	0.00	0	0.00	0	0	22,134	494,056
FY98	0	0.00	0	0.00	0	0.00	0	0	20,960	515,016
FY99	0	0.00	1	5.06	0	0.00	0	0	19,762	534,778
FY00	0	0.00	0	0.00	0	0.00	0	0	18,941	553,719
FY01	0	0.00	0	0.00	0	0.00	0	0	20,435	574,154
FY02	0	0.00	1	3.51	0	0.00	0	0	28,510	602,664
FY03	0	0.00	1	4.28	0	0.00	0	0	23,341	626,005
FY04	0	0.00	1	5.38	0	0.00	0	0	18,600	644,605
FY05	0	0.00	4	23.95	0	0.00	0	0	16,703	661,308
FY06	0	0.00	2	11.61	0	0.00	0	0	17,233	678,541
FY07	0	0.00	0	0.00	0	0.00	0	0	18,650	697,191
FY08	0	0.00	3	15.92	0	0.00	0	0	18,843	716,034
FY09	1	5.28	0	0.00	0	0.00	0	0	18,925	734,959
FY10	0	0.00	1	5.88	0	0.00	0	0	16,998	751,957
FY11	0	0.00	0	0.00	0	0.00	0	0	21,386	773,343
FY12	0	0.00	0	0.00	0	0.00	0	0	22,232	795,575
FY13	0	0.00	0	0.00	0	0.00	0	0	16,747	812,322
FY14	0	0.00	0	0.00	0	0.00	0	0	18,460	830,782
FY15	0	0.00	0	0.00	0	0.00	0	0	18,783	849,565
FY16	0	0.00	1	8.05	0	0.00	0	0	12,422	861,987
Total	2.00		17.00		1.00		2.00	24.00		861,987

	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	0.00	0.00	0.20	1.13	0.00	0.00	0.00	0.00	17,729	
10 YR	0.10	0.55	0.50	2.73	0.00	0.00	0.00	0.00	18,345	
LIFETIME	0.05	0.23	0.42	1.97	0.02	0.12	0.23	2.78	21,550	

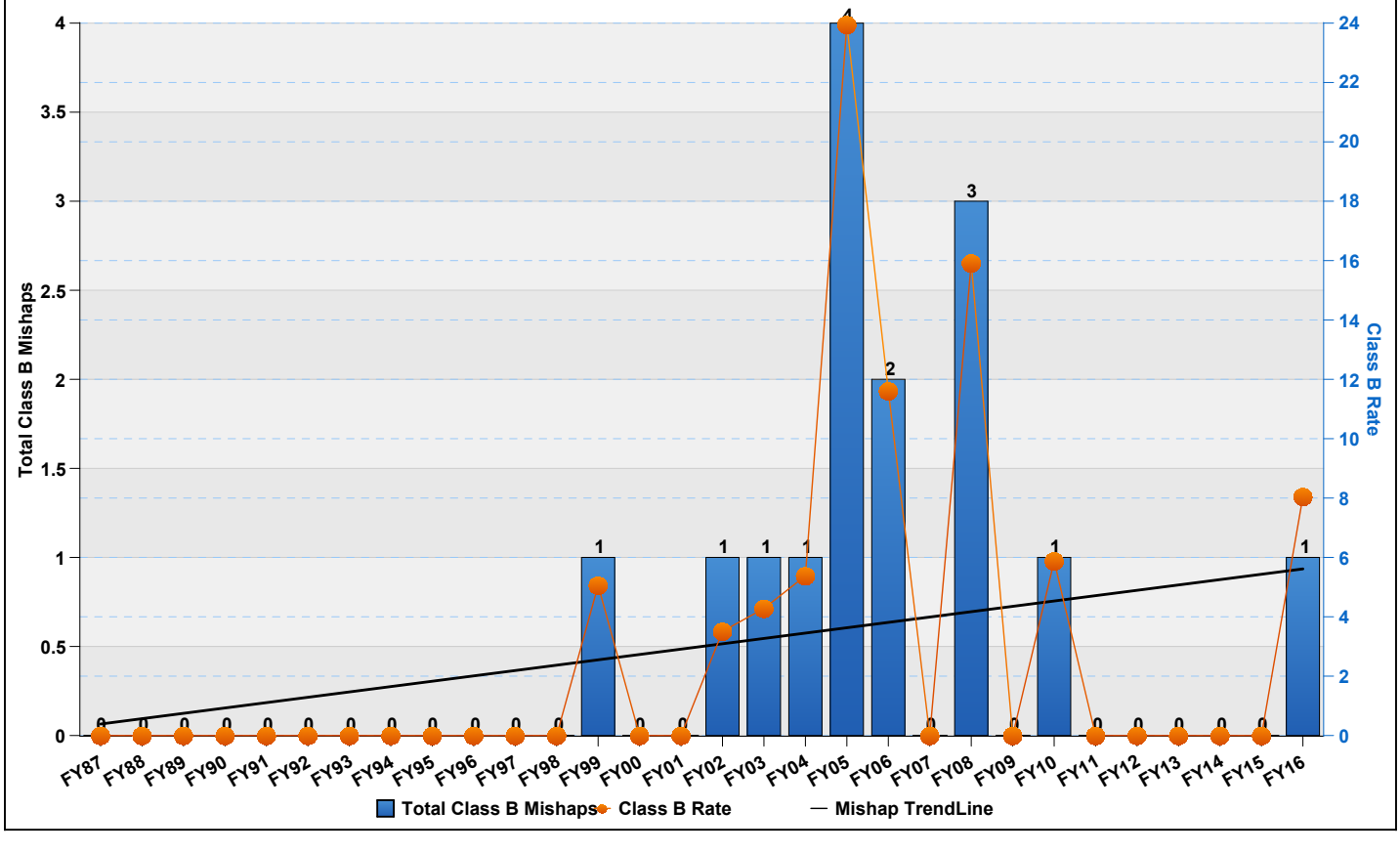
Flight “rates” are number of mishaps per 100,000 flight hours. Only Aviation “Flight” mishaps are reported here. An Aviation “Flight” mishap is any mishap in which there is intent for flight and reportable damage to a DoD aircraft. Explosives and chemical agents or guided missile mishaps that cause damage 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 29-Nov-16

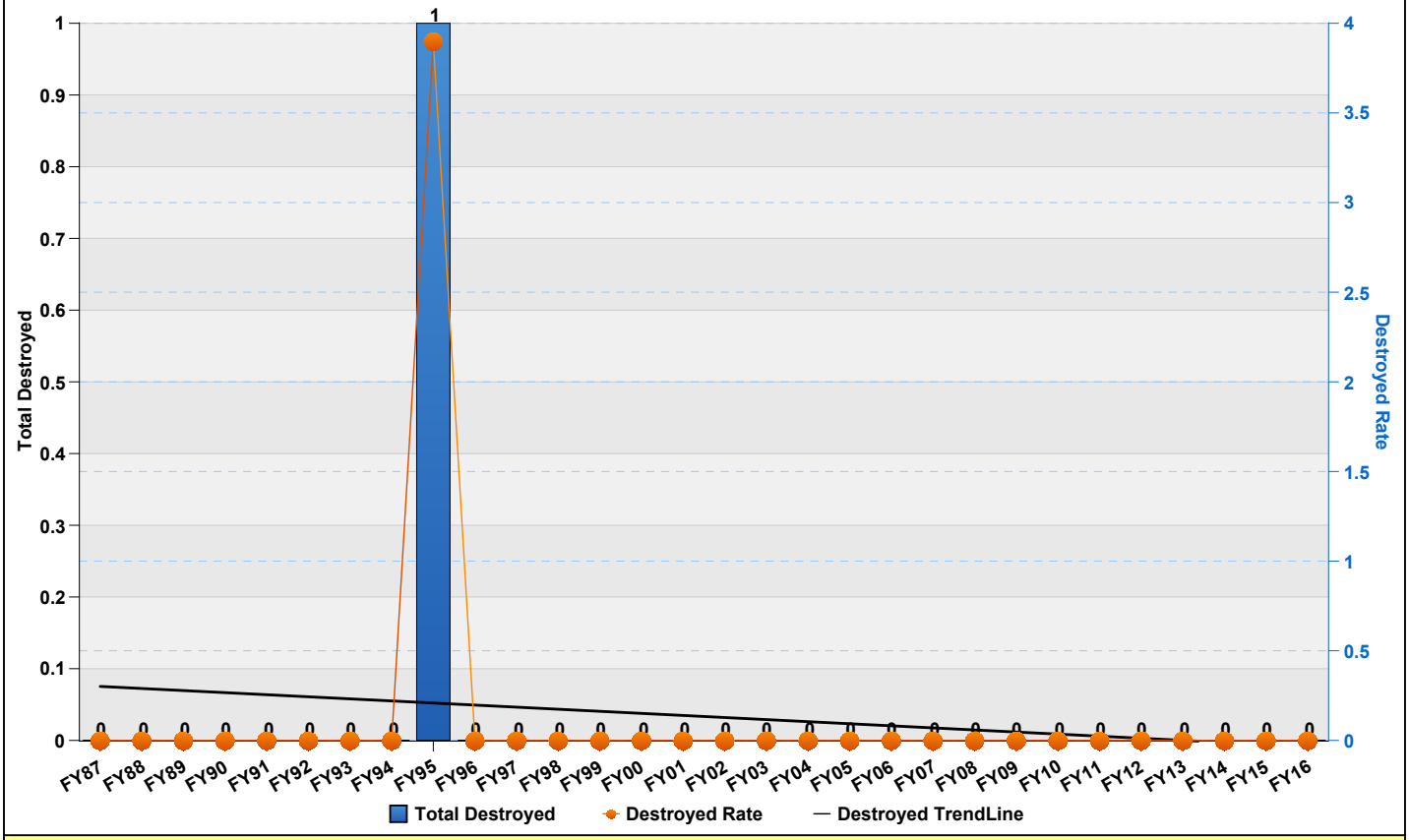
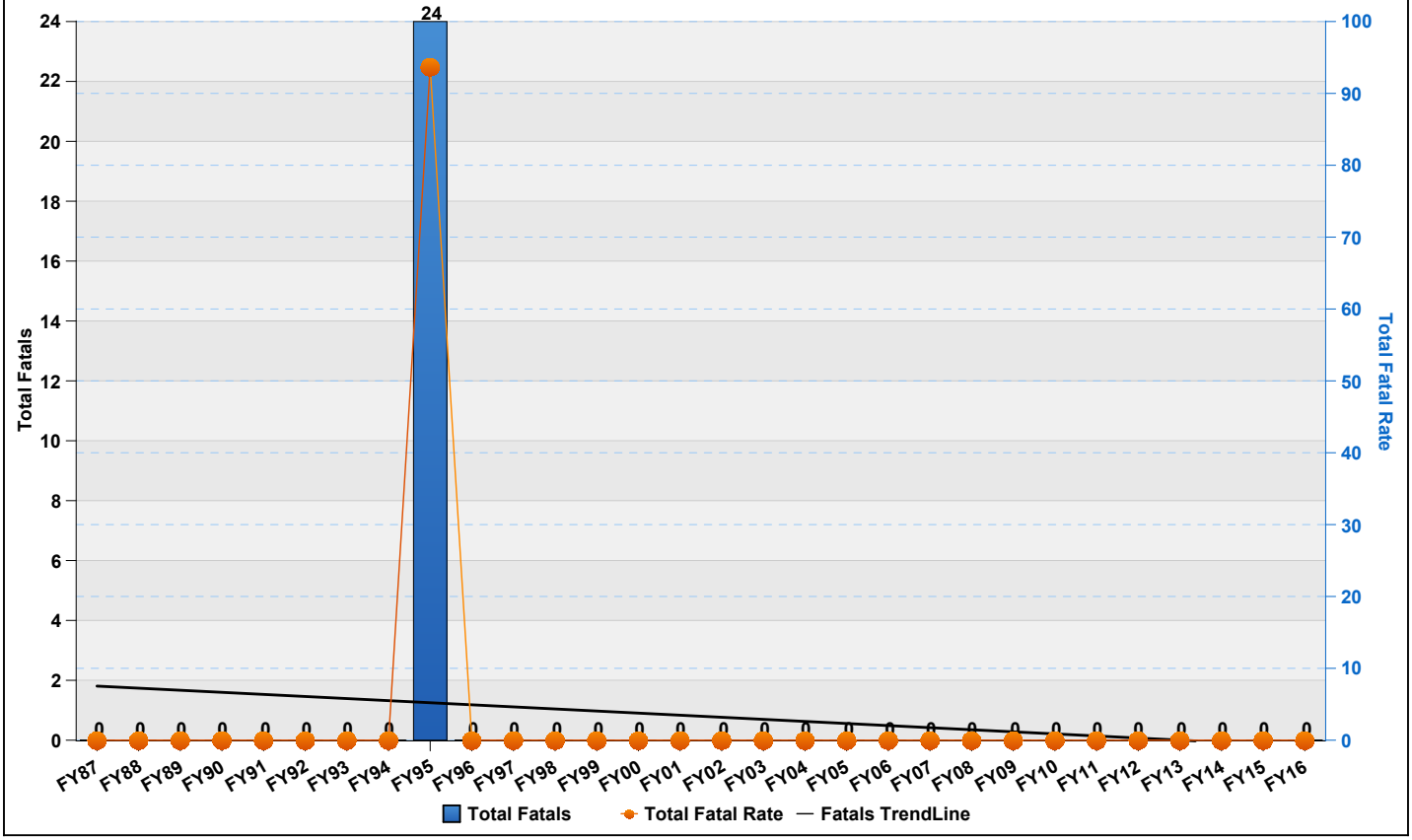
E-3 Class A Mishaps by Fiscal Year



E-3 Class B Mishaps by Fiscal Year



E-3 Destroyed Aircraft by Fiscal Year



E-3 Fatalities (All) by Fiscal Year