C-21 FLIGHT MISHAP HISTORY (All Rates per 100,000 Flying Hours)

	1		(2 III IIIII POI				10010			
	CLASS A		CLASS B		DESTROYED		FATAL			
YEAR	Total	Class A	Total	Class B	Total	Destroyed				
	Class A	Rate	Class B	Rate	Destroyed		PILOT	ALL	HOURS	CUM HRS
	Mishaps	Rate	Mishaps	Rate	Destroyed	Rate				
CY84	0	0.00	0	0.00	0	0.00	0	0	9,478	9,478
CY85	0	0.00	0	0.00	0	0.00	0	0	44,555	54,033
CY86	0	0.00	0	0.00	0	0.00	0	0	54,134	108,167
FY87	1	2.32	0	0.00	1	2.32	2	2	43,145	151,312
FY88	0	0.00	0	0.00	0	0.00	0	0	56,076	207,388
FY89	0	0.00	0	0.00	0	0.00	0	0	59,607	266,995
FY90	0	0.00	0	0.00	0	0.00	0	0	54,535	321,530
FY91	0	0.00	0	0.00	0	0.00	0	0	54,923	376,453
FY92	0	0.00	0	0.00	0	0.00	0	0	47,603	424,056
FY93	0	0.00	0	0.00	0	0.00	0	0	48,417	472,473
FY94	0	0.00	0	0.00	0	0.00	0	0	47,329	519,802
FY95	1	2.13	0	0.00	1	2.13	2	8	47,015	566,817
FY96	0	0.00	0	0.00	0	0.00	0	0	47,371	614,188
FY97	0	0.00	0	0.00	0	0.00	0	0	46,742	660,930
	0	0.00	0	0.00	0	0.00	0	0		706,161
FY98	0		1				0	0	45,231	
FY99		0.00	0	2.16	0	0.00	0	0	46,234	752,395
FY00	0	0.00		0.00	0	0.00			46,485	798,880
FY01	0	0.00	1	2.04	0	0.00	0	0	49,045	847,925
FY02	1	1.99	1	1.99	1	1.99	2	2	50,129	
FY03	0	0.00	0	0.00	0	0.00	0	0	47,483	
FY04	0	0.00	0	0.00	0	0.00	0	0	46,762	
FY05	0	0.00	0	0.00	0	0.00	0	0		1,039,306
FY06	0	0.00	0	0.00	0	0.00	0	0		1,084,212
FY07	1	3.46	0	0.00	1	3.46	0	0		1,113,111
FY08	0	0.00	0	0.00	0	0.00	0	0		1,140,395
FY09	0	0.00	0	0.00	0	0.00	0	0		1,164,836
FY10	0	0.00	1	4.33	0	0.00	0	0		1,187,939
FY11	0	0.00	2	12.83	0	0.00	0	0		1,203,527
FY12	0	0.00	0	0.00	0	0.00	0	0		1,225,072
FY13	0	0.00	0	0.00	0	0.00	0	0	16,015	1,241,087
FY14	0	0.00	0	0.00	0	0.00	0	0	9,243	1,250,330
FY15	0	0.00	0	0.00	0	0.00	0	0	8,782	1,259,112
FY16	0	0.00	0	0.00	0	0.00	0	0	9,112	1,268,224
FY17	0	0.00	0	0.00	0	0.00	0	0	9,432	1,277,656
FY18	0	0.00	0	0.00	0	0.00	0	0	8,431	1,286,087
FY19	0	0.00	0	0.00	0	0.00	0	0	6,746	1,292,833
FY20	0	0.00	0	0.00	0	0.00	0	0	5,859	1,298,692
FY21	0	0.00	0	0.00	0	0.00	0	0	5,319	1,304,011
FY22	0	0.00	0	0.00	0	0.00	0	0		1,311,073
FY23	0	0.00	1	16.20	0	0.00	0	0		1,317,245
Total	4.00		7.00		4.00		6.00	12.00		1,317,245
	Average	Average	Average	Average	Average	Average	Average		Average	
	Annual	Class A	Annual	Class B	Annual		Pilot Fatal	Average	Annual	
	Class A	Rate	Class B	Rate	Destroyed		Rate	Fatal Rate	Hours	
EVD	Mishaps	0.00	Mishaps	2.04			0.00	0.00	0.000	
5 YR	0.00	0.00	0.20	3.24	0.00	0.00	0.00	0.00	6,232	
10 YR	0.00	0.00	0.10	1.62	0.00	0.00	0.00	0.00	7,616	
LIFETIME	0.10	0.25	0.18	0.99	0.10	0.30	0.46	0.91	32,931	

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 - event that results in fatality, permanent total disability, damage greater than or equal to \$2.5 million and/or a destroyed aircraft (excluding UAS/UAVs Groups 1, 2, or 3). Class B - event that results in permanent partial disability, hospitalization for inpatient care, and/or damage greater than \$600,000 but less than \$2.5 million.

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 10-Jul-24



