

**SYNOPSIS OF ARNG CLASS A, B & C AVIATION ACCIDENTS FY01**

31 September 2001

**FLIGHT ACCIDENTS**

**Class A (1)**

C-23 010303 Human Error

Army National Guard C-23B+ Sherpa Cargo Aircraft crashed near Unadilla, Georgia (approximately 30 miles south of Macon, Georgia). The C-23 twin engine Sherpa turboprop had been ferrying 18 Air National Guardsmen from Florida to Oceana NAS, VA. when it crashed in heavy rain. The three ARNG crewmembers and 18 passengers perished in the crash. ACOD is \$7.9M,

**Class C (11)**

C-26B 010808 Materiel Failure

On approach the right engine started surging while power was set at 30% torque. EGT was fluctuating up to 710 degrees C and the crew shut down the engine. A single engine landing was accomplished without incident. Upon removal of the prop governor metal was found in the oil system. The engine was replaced and the accident is under investigation. ECOD is \$50,000

C-12T3 010822 Environmental

The aircrew noticed a bright flash of light off the left side of the aircraft while climbing through 13,000 feet in IMC conditions. There was a thunderstorm in the area, but no discharges showing on the stormscope within 25 miles. No anomalies were observed on any of the aircraft systems and the aircrew continued to their destination. Post flight inspection revealed evidence of a lightning strike on the FM and GPS antennae with exit points on the left wing and left engine prop tip. ECOD is \$45,000

C-12F 10701 Human Failure

During climb out after takeoff, an engine exceeded temperature limits. The accident is under investigation. ECOD is \$20,000

Class C Flight (con't)

31 September 2001

CH-47D 010422 Human Error

Aircraft sustained damage to the ramp door and structural former when the PC landed the aircraft on a Trimax fire extinguisher. The PC had taken the controls from the PI as the aircraft erratically departed the ground with the Advanced Flight Control System (AFCS)- OFF. The accident is under investigation. ECOD is \$82,982

UH-1H 010221 Material Failure

Post flight revealed the #1 FM antenna and coupler had departed the aircraft causing damage to the tail rotor blades requiring the replacement of the T/R blades, 42 and 90 degree gearboxes and tail rotor hub assembly. The accident is under investigation. ECOD is \$19,680

C-12T3 001102 Environmental

On an instrument approach at night upon breaking out of an overcast layer of clouds, the aircraft encountered a flock of geese. Damage to the horizontal stabilizer was incurred and the pilot made a normal approach and landing with no further incident. ACOD is \$14,476

H-60A 001024 Human Error

During an NVG training flight the crew allowed the aircraft to drift into a pine tree causing damage to the rotor tip caps. They executed a precautionary landing without further incident. ECOD is \$99,650.

UH-60 001018 Human Error

During the conduct of a night NOE training flight the aircraft incurred damage to two main rotor tip caps. The damage was discovered on post flight. ACOD is \$15,640

C-12F 010509 Human Error

During climb out, the aircraft experienced an overtemp on the left hand engine. The overtemp occurred while the crew was distracted by icing conditions. While deploying the engine icing vanes the crew failed to monitor the inlet turbine temperature (ITT) and the ITT limits were exceeded. The aircraft was landed without further incident. ECOD is \$92,113

**Class C Flight (con't)**

28 September 2001

UH-60 001213 Materiel Failure

Aircraft experienced an ECU failure while on base to final causing an engine overspeed and possible damage to the engine. ECOD is \$32,048

AH-1F 010801 Materiel Failure

At 1800' MSL (1000' AGL) crew heard a loud bang followed by a severe left yaw, drop in rotor, N2 and N1 rpm. Crew immediately entered an autorotational descent to a cornfield where they landed hard. Pilot (back seat) evacuated aircraft, and Copilot (front seat) required MEDEVAC assistance. Both Crewmembers were on an AFTP. Materiel Failure possible Cause. The accident is under investigation. ECOD is \$151,290

**Summary Aviation Flight Accidents**

Class A:	1	Rate:	0.42
Class B:	0	Rate:	0.00
Class C	11	Rate:	4.66
Class A-C	12	Rate:	5.08

Total Flying Hours:	236,000
Total Aircraft Involved:	12
Total ARNG Fatalities:	3
Aircraft Damage Cost:	\$8,483,874

**Downgraded to Class D**

UH-60A 001129 Human Error

During recovery from "excessive pitch attitude and high rate of descent" terrain flight deceleration, tail wheel contacted ground resulting in damage to trailing edge of stabilator. ACOD is \$6159.

CH-47 010114 Materiel Failure

During engine run-up the APU turbine driveshaft separated from the N1 housing damaging surrounding sheet metal. ECOD is \$450.00

**FLIGHT RELATED**

## **Class C**

UH-60L 010424 Human Error

During day live hoist training, a flight medic was being hoisted when he began to oscillate aggressively and injured his knee on the side of the aircraft. The hoist operator was also inadvertently kicked in the calf requiring ten days bed rest. The hoist cable was damaged in the incident.  
ECOD \$462.00.