

SYNOPSIS OF ARNG CLASS A, B & C AVIATION ACCIDENTS FY03

26 September 2003

Flight Accidents (16)

Class B (1)

UH-60 MA 20021206 Human Error

The crew of the UH-60 was attempting a NVG confined area landing to the snow covered ground, encountered whiteout conditions on landing, and rolled into trees at the end of the landing zone. There were no personal injuries. The aircraft incurred damage to all four blades. The accident occurred on the Otis ARB reservation and has been investigated.
ECOD is \$218,292

Class C (15)

UH-60 AZ 20021024 Materiel Failure

While conducting a landing to a stage field, the aircraft tail wheel strut failed.
ECOD is \$20,730.

AH-64A NC 20021218 Human Error

During post flight inspection, the crew of the AH-64A found damage to all four main rotor blades. It was determined the aircraft blades must have struck a small tree while landing during NVS operations.
ECOD is \$91,554.

HH-60L WV 20030113 Materiel Failure

Aircraft was conducting a medical transport mission. Crew arrived at the pickup airfield, shut down, refueled, and during restart, the aft anti-collision was noticed missing. The light assembly struck tail rotor causing damage. Crew did not notice any abnormal flight characteristics during takeoff, cruise, landing, or taxi. Maintenance had been performed on the light assembly the day prior to the flight.
ECOD is \$74,152.

CH-47 OH 20030205 Materiel Failure

The aircraft was on a return flight home from the AVCRAD. On the short final, the ramp tongue fell off the aircraft. The pin in the center of the release mechanism was found broken. No collateral damage to aircraft or injuries to crew and/or ground personnel.
ECOD is \$41,784.

Class C Flight continued

AH-64 FL 20030311 Environmental

The crew was conducting NVG operations at 400 ft AGL and 110 kts when the aircraft received multiple bird strikes. The aircraft was flown to closest suitable landing area. The crew performed a normal landing and shutdown. There were no injuries. ECOD is \$29,698.

CH-47D NV 20030407 Human Error

While attempting to pick up an external load with a tail wind, the aircraft drifted and made contact with the load, puncturing the underside of the aircraft. ECOD is \$27,872.

UH-60L TX 20030507 Human Error

The crew was conducting a confined area approach under NVDs. A go-around was initiated when the crew encountered brown-out conditions. The aircraft landed safely at an alternate LZ. A post flight inspection revealed damage to three rotor tip caps. ECOD is \$22,415.

C-12T3 WA 20030530 Human Error

Engine inner turbine temperature was exceeded during climb-out from airfield. Engine replacement/overhaul required. ECOD is \$105,970

UH-1V PA 20030530 Suspected Material Failure

During touchdown from a practice autorotation, the aircraft experienced significant fore-aft knocking from the transmission/main rotor area. Subsequent inspection revealed damage to the transmission isolation bolts and structural cracking in the transmission area. The accident is under investigation. ECOD is \$111,800

OH-58A+ NJ 20030626 Human Error

Aircraft experienced an overtorque condition during takeoff. ECOD is \$40,117.

C-12T3 HI 20030630 Human Error

Engine inner turbine temperature was exceeded during simulated engine failure operation. Engine replacement/overhaul required. ECOD is \$111,256.

OH-58A+ ME 20030709 Human Error

While conducting a drug eradication mission, aircraft experienced a complete engine power loss. Pilot performed an autorotation to a gravel pit. Aircraft sustained main rotor blade and tailboom damage. No injuries were reported. The accident is under investigation. ECOD is \$142,130

Class C Flight continued

OH-58A+ NM 20030729 Human Error

While conducting a reconnaissance mission, engine instruments and warning system indicated a loss of engine oil pressure. Pilot immediately landed the aircraft. Inspection revealed engine oil line improperly installed. ECOD is \$25,576.

C-12T1 UT 20030822 Human Error

The crew inadvertently shutdown an engine while taxing. While attempting to restart the engine, the inner turbine temperature on the operating engine was exceeded. Engine replacement/overhaul required. ECOD is \$110,000.

C-23 WV 20030909 Human Error

During landing the pilot inadvertently applied the aircraft brakes causing the left main tire to fail. The tire rim was damaged and the debris caused damage to the wheel well honeycomb. No injuries were reported. The accident is under investigation. ECOD is \$33,500.

Summary Aviation Flight Accidents

Class A:	0	Rate:	0.00
Class B:	1	Rate:	.42
Class C	15	Rate:	6.25
Class A-C	16	Rate:	6.67
Total Approximate Flying Hours:	240,000		
Total Aircraft Involved:	16		
Total ARNG Fatalities:	0		
Aircraft Damage Cost:	\$1,208,846.00		
Injury Costs:	\$0.00		
Civilian Damage Cost:	\$0.00		
Total Estimated Costs:	\$1,208,846.00		

Aircraft Ground Accidents (2)

Class C (2)

CH-47D HI 20021218 Material Failure

During ground run-up, the flight crew advanced the engine condition levers to full on. Transmission oil pressure would not advance past 20 psi when engines were set at full power. A/C was shut down and crew noted the pressure slowly decrease before engine condition levers set to full off. Suspected transmission oil pump failure. ECOD is \$58,650.

Class C Ground continued

UH-60A MI 20030423 Human Error

During MOC run-up, the transmission input module overheated, causing damage to the transmission and main generator. Post-mishap inspection revealed that an internal plug was inadvertently installed in the oil return line, restricting oil flow to the transmission.

ECOD \$39,137

Prepared 10 Feb, 2004 by CW5 Wright