

MISHAP REPORT

271st Aviation Co.  
CH47C S/N 74-22274  
4 June 1980 1130 hours (local time)  
DMZ Korea

Class A Aircraft Mishap (Revision A)

Aircraft was carrying a sling load to a hillside location. While on final the No. 1 engine reportedly exploded. The pilot dropped the sling load and made a forced landing in the landing zone. There was a fire in the area of No. 1 engine and this was extinguished by the crew.

There were no reported injuries or fatalities to any of the four crewmen on board.

The engine sustained extensive damage to the combustor and exhaust sections. There is no damage reported in the compressor section. The 1st and 2nd power turbine wheels exceeded the engine envelope. The N2 power turbine shaft was sheared aft of the No. 2 bearing package at a point even with the 1st P.T. nozzle. The verbal report indicates it looks like a failure of the interia welded rotor area.

The U.S. Army has removed the aircraft from the DMZ area, and are preparing to ship the engine S/N LE19524A and engine transmission to CCAD for continued investigation.

Representatives from USASC, St. Louis, Lycoming and Boeing Vertol will be going to CCAD for the engine teardown and evaluation as soon as the parts arrive at the depot.

No firm schedule is available at this time.

R.G. Orr

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*That's worse type failure  
an engine can have!*

RGO/ybn  
P31-62/X7937