

MISHAP REPORT
(Final)

U.S.A. Rotary Wing School
CH47C S/N 67-18537
3 June 1980
Ft. Rucker, Al.

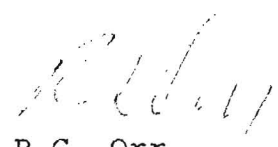
CLASS C AIRCRAFT MISHAP

The aircraft was on a training mission practicing single engine procedures. With No. 2 engine on the line the pilot reported the engine started to lose power. He secured No. 2 engine and put No. 1 engine back on the line and executed a precautionary landing.

There was no damage or injuries reported.

Examination of No.2 engine revealed that the weldment on the turbine combustor section had failed completely around the engine (360°) and allowed the turbine/combustor section to displace aft. It was only restrained by the tail pipe and engine cowling.

The engine teardown at Corpus Christi depot revealed only 45% effective weld area (55% no weld contact). AVCO Lycoming is reviewing manufacturing records to identify a suspect weldment lot of combustor assemblies. When suspect assembly serial numbers are finalized customers will be notified.



R.G. Orr

RGO/ybn
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