



Brief of Accident (Continued)

DEN01LA012

File No. 851

10/30/2000

MESA VERDE, CO

Aircraft Reg No. N613

Time (Local): 11:30 MDT

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Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. ROTOR SYSTEM, TAIL ROTOR BLADE - FATIGUE
2. ROTOR SYSTEM, TAIL ROTOR BLADE - FAILURE, PARTIAL
3. (C) INADEQUATE QUALITY CONTROL - MANUFACTURER
4. (C) MATERIAL INADEQUATE, IMPROPER - MANUFACTURER

Findings Legend: (C) = Cause, (F) = Factor

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The National Transportation Safety Board determines the probable cause(s) of this accident as follows.

The manufacturer's use of improper materials, and inadequate quality control of the tail rotor blades during the manufacturing process, which resulted in fatigue failure of the blade.