

Brief of Accident (Continued)

DCA05MA037
File No. 21397

02/16/2005

Pueblo, CO

Aircraft Reg No. N500AT

Time (Local): 09:13 MST

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: APPROACH

Findings

1. (C) AIRSPEED - NOT MAINTAINED - FLIGHTCREW
 2. (C) PROCEDURES/DIRECTIVES - NOT FOLLOWED - FLIGHTCREW
 3. (F) PROCEDURE INADEQUATE - FAA(OTHER/ORGANIZATION)
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: APPROACH

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

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.
the flight crew's failure to effectively monitor and maintain airspeed and comply with procedures for deice boot activation on the approach, which caused an aerodynamic stall from which they did not recover. Contributing to the accident was the Federal Aviation Administration's failure to establish adequate certification requirements for flight into icing conditions, which led to the inadequate stall warning margin provided by the airplane's stall warning system.