

Brief of Accident (Continued)

CEN11FA144
File No. 30937

01/06/2011

Springfield, IL

Aircraft Reg No. N800GP

Time (Local): 11:00 CST

OCCURRENCES

Approach-IFR initial approach - Structural icing
Approach-IFR final approach - Aerodynamic stall/spin
Landing-flare/touchdown - Hard landing
Landing-flare/touchdown - Runway excursion
Landing - Landing gear collapse

FINDINGS

Environmental issues-Physical environment-Object/animal/substance-Snow/ice-Contributed to outcome
Personnel issues-Task performance-Use of equip/info-Use of manual-Pilot - C
Environmental issues-Conditions/weather/phenomena-Temp/humidity/pressure-Conducive to structural icing-Decision related to condition - C
Personnel issues-Action/decision-Info processing/decision-Decision making/judgment-Pilot - C

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

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's decision to conduct an instrument approach in icing conditions without the anti-ice system activated, contrary to the airplane flight manual guidance, which resulted in an inadvertent aerodynamic stall due to an in-flight accumulation of airframe icing.