

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted 09/30/1991

DEN91FA013
File No. 1677 10/26/1990 BELEN, NM Aircraft Reg No. N5058J Time (Local): 13:30 MDT

Make/Model: BELLANCA / 8KCAB
Engine Make/Model: LYCOMING / AEIO-320-E2B
Aircraft Damage: Destroyed
Number of Engines: 1
Operating Certificate(s): None
Type of Flight Operation: Personal
Reg. Flight Conducted Under: Part 91: General Aviation

	Fatal	Serious	Minor/None
Crew	2	0	0
Pass	0	0	0

Last Depart. Point: LOS LUNAS , NM
Destination: Local Flight
Airport Proximity: Off Airport/Airstrip

Condition of Light: Day
Weather Info Src: Weather Observation Facility
Basic Weather: Visual Conditions
Lowest Ceiling: None
Visibility: 60.00 SM
Wind Dir/Speed: 320 / 003 Kts
Temperature (°C): -18
Precip/Obscuration: None

Pilot-in-Command Age: 30

Flight Time (Hours)

Certificate(s)/Rating(s)
Commercial; Single-engine Land
Instrument Ratings
None

Total All Aircraft: 591
Last 90 Days: 43
Total Make/Model: 160
Total Instrument Time: 12

ACCORDING TO AVAILABLE INFO, THE PURPOSE OF THE FLT WAS TO PRACTICE AEROBATICS. DURING THE FLT, THE ACFT CRASHED ON RELATIVELY FLAT, DESERT TERRAIN, JUST TO THE EAST OF A LARGE GULLY. THE INITIAL IMPACT OCCURRED ON A HEADING OF 087 DEG. PIECES OF THE LANDING GEAR WERE FOUND IN THE INITIAL IMPACT DEPRESSION, WHICH WAS 6 INCHES DEEP. ABOUT 15 FT SOUTH OF THE INITIAL IMPACT POINT WAS A SCAR THAT CONTAINED THE RIGHT WINGTIP CAP. THE LEFT WINGTIP CAP WAS FOUND ABOUT 18 FT NORTHEAST OF THE INITIAL IMPACT POINT. THE MAIN WRECKAGE CAME TO REST 71 FT EAST OF THE INITIAL IMPACT POINT ON A SLIGHT RISE IN THE TERRAIN. ONE PROP BLADE WAS DISTORED WITH AN 'S' CURVE, THE OTHER BLADE WAS PARTIALLY MELTED. NO PREIMPACT MECHANICAL PROBLEM WAS FOUND.

Brief of Accident (Continued)

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BELEN, NM

Aircraft Reg No. N5058J

Time (Local): 13:30 MDT

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: MANEUVERING

Findings

1. MANEUVER - INITIATED - PILOT IN COMMAND
2. TERRAIN CONDITION - GROUND
3. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND

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

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.
THE PILOT MISJUDGED THE AIRCRAFT'S ALTITUDE (GROUND CLEARANCE) ABOVE THE DESERT TERRAIN.