

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted 11/28/1989

DEN89LA012
File No. 1749 10/08/1988 PUEBLO, CO Aircraft Reg No. N102EC Time (Local): 17:36 MDT

Make/Model:	BELLANCA / 8KCAB	Fatal	0	Serious	0	Minor/None	1
Engine Make/Model:	LYCOMING / AEIO-360-H1A	Crew	0				
Aircraft Damage:	Substantial	Pass	0				
Number of Engines:	1						
Operating Certificate(s):	On-demand Air Taxi						
Type of Flight Operation:	Personal						
Reg. Flight Conducted Under:	Part 91: General Aviation						

Last Depart. Point:	GARDEN CITY , KS	Condition of Light:	Day
Destination:	SALIDA , CO	Weather Info Src:	Pilot
Airport Proximity:	Off Airport/Airstrip	Basic Weather:	Visual Conditions
		Lowest Ceiling:	8000 Ft. AGL, Broken
		Visibility:	65.00 SM
		Wind Dir/Speed:	360 / 012 Kts
		Temperature (°C):	15
		Precip/Obscuration:	None

Pilot-in-Command	Age: 42	Flight Time (Hours)
Certificate(s)/Rating(s)		Total All Aircraft: 8850
Airline Transport; Flight Instructor; Commercial; Foreign; Multi-engine Land; Single-engine Land;		Last 90 Days: 190
Instrument Ratings		Total Make/Model: 150
Airplane		Total Instrument Time: 1435

THE COMMERCIAL PLT & HIS PVT PLT WIFE WERE FLYING X-COUNTRY ON VACATION. WHILE EN ROUTE, THE ENG BEGAN RUNNING ROUGH & LOST POWER. DRG AN EMERGENCY DSCNT, THE PLT RESTARTED THE ENG & INITIATED A CLIMB TO SELECT A BETTER LNDG SITE, BUT THE ENG LOST POWER AGAIN. EFFORTS TO RESTART THE ENG A 2ND TIME FAILED. AN EMERGENCY LNDG WAS MADE TO THE WEST ON A GRAVEL ROAD WITH A GUSTY X-WIND FROM THE NORTH. THE PLT RPRTD THAT DRG THE LNDG ROLL, HE LOST DIRECTIONAL CONTROL & THE PLANE WENT OFF THE RIGHT SIDE OF THE ROAD. SUBSEQUENTLY, IT CROSSED A DITCH & WAS DAMAGED. DRG A POST ACDNT INSPN, NO FUEL WASFOUND IN THE RIGHT TANK & LESS THAN 2 QUARTS WAS REMAINING IN THE LEFT TANK. DRG AN OPNL CHECK OF THE ENG, IT STARTED & RAN NORMALLY.

Brief of Accident (Continued)

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Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: CRUISE - NORMAL

Findings

1. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
 2. (C) FLUID,FUEL - EXHAUSTION
 3. (C) FUEL SUPPLY - INADEQUATE - PILOT IN COMMAND
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Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - ROADWAY/HIGHWAY
 5. (F) TERRAIN CONDITION - LOOSE GRAVEL/SANDY
 6. (F) WEATHER CONDITION - CROSSWIND
 7. (F) WEATHER CONDITION - GUSTS
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Occurrence #4: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING

Findings

8. (F) TERRAIN CONDITION - DITCH

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

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