

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted 07/25/1994

CHI93LA250 07/12/1993 HARVEL, IL Aircraft Reg No. N4201Y Time (Local): 09:17 CDT

Make/Model: BELLANCA / 8KCAB
Engine Make/Model: LYCOMING / AEID-320-E1B
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	0	1	0
Pass	0	0	0

Last Depart. Point: KENOSHA , WI
Destination: ST. JACOB , IL
Airport Proximity: Off Airport/Airstrip

Condition of Light: Day
Weather Info Src: Weather Observation Facility
Basic Weather: Visual Conditions
Lowest Ceiling: None
Visibility: 15.00 SM
Wind Dir/Speed: 360 / 009 Kts
Temperature (°C): 23
Precip/Obscuration: None / None

Pilot-in-Command Age: 37

Flight Time (Hours)

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

Total All Aircraft: 257
Last 90 Days: 8
Total Make/Model: 42
Total Instrument Time: 4

THE PILOT FILLED HER FUEL TANKS ON JULY 3, 1993 AND MADE A SHORT TRIP FROM DELAVAN, WISCONSIN TO KENOSHA, WISCONSIN ON THAT DAY. THE PILOT ASSUMED SHE HAD 33.5 GALLONS OF FUEL LEFT WHEN SHE DEPARTED KENOSHA ON JULY 12, 1993. NEAR TAYLORVILLE, ILLINOIS, THE PILOT NOTICED LOWER THAN EXPECTED FUEL GAUGE READINGS. SHE TRIED TO BE VECTORED TO TAYLORVILLE AIRPORT BUT THE AIRPLANE RAN OUT OF FUEL, AND THE ENGINE LOST TOTAL POWER. THE PILOT LINED UP ON A BEAN FIELD FOR A FORCED LANDING. THE AIRCRAFT WAS DESTROYED DURING THE FORCED LANDING.

Brief of Accident (Continued)

CHI93LA250
File No. 1284 07/12/1993 HARVEL, IL Aircraft Reg No. N4201Y Time (Local): 09:17 CDT

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

Findings

1. (F) FLUID,FUEL - EXHAUSTION
2. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
3. FUEL CONSUMPTION CALCULATIONS - POOR - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - EMERGENCY

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

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.
THE PILOT-IN-COMMAND'S INADEQUATE PREFLIGHT PLANNING.