



National Transportation Safety Board Aviation Accident Data Summary

Location:	ROCKFORD, IL	Accident Number:	CHI94LA031
Date & Time:	11/03/1993, 1611 CST	Registration:	N8006R
Aircraft:	BEECH B36TC	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

THE AIRPLANE WAS FLOWN ON A CHECK FLIGHT AFTER MAINTENANCE FOR AN OIL-AND-FILTER CHANGE AND REPLACEMENT OF LEAKING GASKETS. DURING THE INITIAL CLIMB AFTER TAKEOFF, THE PILOT NOTED A MOMENTARY LOSS OF POWER, PROMPTING A TURN TOWARDS THE AIRPORT. THE ENGINE LOST ALL POWER IN THE TURN. DURING A LANDING SHORT OF THE RUNWAY, THE AIRPLANE HIT A FENCE. THE MAIN FUEL LINE CONNECTION TO THE FUEL PUMP WAS FOUND LOOSE. WHEN THE BOOST PUMP WAS ENERGIZED, THE LOOSE FITTING LEAKED SUBSTANTIALLY.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A LOOSE FUEL LINE FITTING, DUE TO IMPROPER MAINTENANCE, WHICH RESULTED IN AN INTERRUPTION OF FUEL TO THE ENGINE.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) MAINTENANCE - IMPROPER - OTHER MAINTENANCE PERSONNEL
2. (C) FUEL SYSTEM,LINE FITTING - LOOSE
3. (C) FLUID,FUEL - STARVATION

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: DESCENT - EMERGENCY

Findings

4. OBJECT - FENCE

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	24
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Helicopter
Flight Time:	1796 hours (Total, all aircraft), 180 hours (Total, this make and model), 1722 hours (Pilot In Command, all aircraft), 137 hours (Last 90 days, all aircraft), 39 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N8006R
Model/Series:	B36TC B36TC	Engines:	1 Reciprocating
Operator:	TSA ENTERPRISES	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520-UB
Flight Conducted Under:	Part 91: General Aviation -		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	RFD, 736 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 20000 ft agl	Wind Speed/Gusts, Direction:	9 knots / , 190°
Temperature:	11° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	(RFD)	Destination:	(RFD)

Airport Information

Airport:	GREATER ROCKFORD (RFD)	Runway Surface Type:	Asphalt
Runway Used:	25	Runway Surface Condition:	Dry
Runway Length/Width:	6500 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): J R VALLASTER Adopted Date: 09/20/1994

Investigation Docket: NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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