



National Transportation Safety Board Aviation Accident Data Summary

Location:	SWEETWATER, TX	Accident Number:	FTW86LA160
Date & Time:	09/01/1986, 1935 CDT	Registration:	N4563N
Aircraft:	BOEING E75	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

WHILE THE ACFT WAS IN CRUISE FLT, THE ENGINE SUDDENLY WENT TO IDLE POWER. THE PLT ATTEMPTED TO LAND IN A CLEARING, BUT WAS UNABLE TO REACH THE INTENDED AREA. DURING THE LANDING, THE ACFT COLLIDED WITH LOW MESQUITE TREES, DAMAGING THE LANDING GEAR & WINGS. AN EXAM OF THE THROTTLE LINKAGE REVEALED A COTTER PIN WAS MISSING WHICH ALLOWED THE THROTTLE CONTROL TO BECOME DISCONNECTED.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - MECH FAILURE/MALF
Phase of Operation: CRUISE - NORMAL

Findings

1. (C) THROTTLE/POWER LEVER, LINKAGE - DISCONNECTED
2. (C) MAINTENANCE - IMPROPER - OTHER MAINTENANCE PERSONNEL

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

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. (F) OBJECT - TREE(S)

Pilot Information

Certificate:	Private	Age:	59
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2200 hours (Total, all aircraft), 50 hours (Total, this make and model), 2200 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BOEING	Registration:	N4563N
Model/Series:	E75 E75	Engines:	1 Reciprocating
Operator:	BENJAMIN B. TURNER	Engine Manufacturer:	P&W
Operating Certificate(s) Held:	None	Engine Model/Series:	R-985
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 180°
Temperature:	29° C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	SWEETWATER, TX (SWW)	Destination:	

Airport Information

Airport:	SWEETWATER (SWW)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

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): JEAN H DAUGHERTY

Adopted Date:

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/>.

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.