



# Aviation Investigation Final Report

<b>Location:</b>	PEARLAND, Texas	<b>Accident Number:</b>	FTW86LA112
<b>Date &amp; Time:</b>	June 18, 1986, 14:30 Local	<b>Registration:</b>	N5154V
<b>Aircraft:</b>	BEECH T-34A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PLT EXPERIENCED AN ENG FAILURE DURING CRUISE FLT DUE TO A BLOCKAGE OF THE AIR INDUCTION SYSTEM BY A SHEET OF PAPER. THE ACFT HAD BEEN PAINTED JUST PRIOR TO THE ACCIDENT. THE ACFT RECEIVED SUBSTANTIAL DAMAGE WHEN THE RIGHT WING COLLIDED WITH THE GROUND DUE TO THE RIGHT MAIN GEAR COLLAPSING WHEN IT STRUCK A GATE POST.

## Probable Cause and Findings

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

### Findings

Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: CRUISE

#### Findings

1. (C) INDUCTION AIR CONTROL/SYSTEM - BLOCKED(TOTAL)
2. (F) MAINTENANCE,INSPECTION - POOR - OTHER PERSON
3. (F) AIRCRAFT PREFLIGHT - POOR - PILOT IN COMMAND

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

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Occurrence #3: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	27, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	None Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	January 22, 1986
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	491 hours (Total, all aircraft), 49 hours (Total, this make and model), 400 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N5154V
<b>Model/Series:</b>	T-34A T-34A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	G-30
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	September 19, 1985 Annual	<b>Certified Max Gross Wt.:</b>	2950 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	6042 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-470-13
<b>Registered Owner:</b>	WILLIAM H. BIGELOW	<b>Rated Power:</b>	225 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	HOU ,44 ft msl	<b>Distance from Accident Site:</b>	1 Nautical Miles
<b>Observation Time:</b>	13:46 Local	<b>Direction from Accident Site:</b>	300°
<b>Lowest Cloud Condition:</b>	Unknown / 2500 ft AGL	<b>Visibility</b>	12 miles
<b>Lowest Ceiling:</b>	Broken / 2500 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	4 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	70°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	30°C / 22°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	HOUSTON GULF , TX	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	HOUSTON , TX (T86 )	<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	14:30 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	CLOVER T02	<b>Runway Surface Type:</b>	
<b>Airport Elevation:</b>	44 ft msl	<b>Runway Surface Condition:</b>	
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	0 ft / 0 ft	<b>VFR Approach/Landing:</b>	Forced landing

## Wreckage and Impact Information

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

## Administrative Information

**Investigator In Charge (IIC):** Strand, S

**Additional Participating Persons:** RON EVANS; HOUSTON , TX

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=22042>

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