



National Transportation Safety Board Aviation Accident Data Summary

Location:	SELBYVILLE, DE	Accident Number:	BFO88LA070
Date & Time:	08/01/1988, 1145 EDT	Registration:	N5682G
Aircraft:	CESSNA 150K	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

THE PLT WAS IN THE PROCESS OF PICKING UP A BANNER WHEN THE AIRCRAFT STALLED AND CRASHED INTO A WOODED AREA. THE BANNER WAS PICKED UP AT AN AIRSPEED OF 80 MPH AND THE ACFT ALTITUDE WAS INCREASED TO 250 FT AGL. THE PILOT REPORTED THAT THE WINGS OF THE ACFT ROCKED BACK AND FORTH AND THE ACFT BECAME UNSTABLE. THE TOW BANNER WAS THEN RELEASED, THE ACFT STALLED AND DESCENDED INTO A WOODED AREA IN A NOSE DOWN ATTITUDE.

Probable Cause

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING

Findings

1. (C) PULL-UP - EXCESSIVE - PILOT IN COMMAND
2. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
3. LOAD JETTISON - PERFORMED
4. (C) STALL/MUSH

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. (F) OBJECT - TREE(S)

Pilot Information

Certificate:	Commercial	Age:	26
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1424 hours (Total, all aircraft), 473 hours (Total, this make and model), 1309 hours (Pilot In Command, all aircraft), 231 hours (Last 90 days, all aircraft), 107 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N5682G
Model/Series:	150K 150K	Engines:	1 Reciprocating
Operator:	ATLANTIC COSTAL AERIAL ADS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-E2D
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:	SBY, 52 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Light and Variable / , Variable
Temperature:	32 °C	Visibility	2 Miles
Precipitation and Obscuration:	Haze; No Precipitation		
Departure Point:	SELBYVILLE, DE (0N7)	Destination:	

Airport Information

Airport:	WARRINGTON (0N7)	Runway Surface Type:	Grass/turf
Runway Used:	32	Runway Surface Condition:	Dry
Runway Length/Width:	2250 ft / 100 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): Pamela S Sullivan

Adopted Date: 06/09/1989

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.