



National Transportation Safety Board Aviation Accident Data Summary

Location:	CHRISTIANSBURG, VA	Accident Number:	BFO91LA046
Date & Time:	05/01/1991, 1240 EDT	Registration:	N6632T
Aircraft:	CESSNA 310D	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Analysis

THE ACFT WAS ON ITS FIRST FLIGHT IN ABOUT 2 YEARS WHEN THE ACCIDENT OCCURRED. THE ACFT WAS BEING FLOWN TO THE DESTINATION WHERE IT WAS TO BE USED FOR SALVAGE. ACCORDING TO THE PILOT, WHILE EN ROUTE, THE RIGHT ENGINE BEGAN RUNNING ROUGH BEFORE IT LOST TOTAL POWER. THE PLT SAID HE WAS UNABLE TO MAINTAIN ALTITUDE ON THE OTHER ENGINE, SO HE DID A FORCED LANDING ON A HIGHWAY WHERE THE ACFT STRUCK A TRUCK. THE EXAMINATION OF THE ENGINE REVEALED THE RIGHT ENGINE AIR FILTER WAS OBSTRUCTED.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: INADEQUATE MAINTENANCE. CONTRIBUTING WAS AN OBSTRUCTED AIR FILTER.

Findings

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

Findings

1. (C) INDUCTION AIR CONTROL, AIR FILTER/SCREEN - BLOCKED(PARTIAL)
2. (C) MAINTENANCE - INADEQUATE
3. (C) RAM/INDUCTION AIR - BLOCKED(PARTIAL)

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

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING

Findings

4. (F) OBJECT - VEHICLE

Pilot Information

Certificate:	Private	Age:	26
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2000 hours (Total, all aircraft), 50 hours (Total, this make and model), 1800 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6632T
Model/Series:	310D 310D	Engines:	2 Reciprocating
Operator:	U.S. AIR SALVAGE	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-470D
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ROA, 1176 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	9 knots / , 160°
Temperature:	24° C	Visibility	35 Miles
Precipitation and Obscuration:			
Departure Point:	PERKASIE, PA (N70)	Destination:	JOHNSON CITY, TN (OA6)

Wreckage and Impact Information

Crew Injuries:	1 Minor	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):	Dennis L Jones	Adopted Date:	04/08/1993
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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