



National Transportation Safety Board Aviation Accident Data Summary

Location:	ODENTON, MD	Accident Number:	BFO89LA026
Date & Time:	04/02/1989, 2030 EDT	Registration:	N8027L
Aircraft:	CESSNA 172H	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT COLLIDED WITH BIRDS DURING CRUISE FLIGHT AT 1,800 FT MSL AT NIGHT. THREE OLDS QUAWS (DUCKS) WHICH AVERAGED 1 1/2 POUNDS EACH CONTACTED THE ACFT. ONE HIT THE UPPER LEADING EDGE SECTION OF THE LEFT WING. ONE CONTACTED AND REMOVED APRX 70 PERCENT OF THE WINDSHIELD PRIMARILY ON THE PILOT'S SIDE AND THE OTHER CONTACTED THE UPPER WINDSHIELD/FRAME AREA ON THE PASSENGER SIDE. A FORCED LANDING WAS SUCCESSFULLY ACCOMPLISHED AT FT. MEADE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE INFLIGHT COLLISION WITH BIRDS.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: CRUISE - NORMAL

Findings

1. (C) OBJECT - BIRD(S)

Pilot Information

Certificate:	Private	Age:	42
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	401 hours (Total, all aircraft), 325 hours (Total, this make and model), 257 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8027L
Model/Series:	172H 172H	Engines:	1 Reciprocating
Operator:	MALCOLM R. VAN'KIRK, SR.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-300-D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Bright
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	Broken / 7000 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	13° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	FREDERICK, MD (FDK)	Destination:	SALISBURY, MD (SBY)

Airport Information

Airport:	TIPTON AAF (FME)	Runway Surface Type:	Asphalt
Runway Used:	28	Runway Surface Condition:	Dry
Runway Length/Width:	3000 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC): PAMELA S KLECKNER **Adopted Date:** 08/22/1990

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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