



Aviation Investigation Final Report

Location:	New London, Wisconsin	Accident Number:	CEN10CA094
Date & Time:	January 10, 2010, 12:40 Local	Registration:	N94670
Aircraft:	ENGINEERING & RESEARCH ERCOUPE 415-CD	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that the accident occurred when the flight was returning to the airport after a local flight. He stated that he checked the windsock and it showed that the winds were favoring runway 18, but he decided to land on runway 36. The grass runway was covered with snow and ice. The pilot stated that he was unable to slow the airplane down during the landing roll and the airplane nosed over after contacting a snowbank at the end of the runway. The pilot stated that only half the length of the runway was plowed. He chose runway 36 so he would not have to turn around and back taxi on the runway to get to the hangar, which was at the north end of the airport. The airplane received substantial damage to the fuselage and wings.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's decision to land with a tailwind on the snow- and ice-covered runway.

Findings

Personnel issues	Decision making/judgment - Pilot
Environmental issues	Snow/ice - Contributed to outcome
Environmental issues	Snow/slush/ice covered surface - Decision related to condition
Environmental issues	Tailwind - Decision related to condition

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)
Landing-landing roll	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	62, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport pilot Unknown	Last FAA Medical Exam:	December 11, 2007
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	848 hours (Total, all aircraft), 390 hours (Total, this make and model), 848 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 0 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ENGINEERING & RESEARCH	Registration:	N94670
Model/Series:	ERCOUPE 415-CD	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	4781
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	April 10, 2009 Annual	Certified Max Gross Wt.:	1260 lbs
Time Since Last Inspection:	40 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2004 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	C-85-12F
Registered Owner:	VAN KAMPEN ANTHONY J	Rated Power:	75 Horsepower
Operator:	VAN KAMPEN ANTHONY J	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	OSH,808 ft msl	Distance from Accident Site:	22 Nautical Miles
Observation Time:	12:53 Local	Direction from Accident Site:	150°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	15 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	200°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.14 inches Hg	Temperature/Dew Point:	-11°C / -17°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	New London, WI (38WI)	Type of Flight Plan Filed:	None
Destination:	New London, WI (38WI)	Type of Clearance:	None
Departure Time:	11:38 Local	Type of Airspace:	Class E

Airport Information

Airport:	Northport Airport 38WI	Runway Surface Type:	Grass/turf
Airport Elevation:	0 ft msl	Runway Surface Condition:	Ice;Snow
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	2300 ft / 75 ft	VFR Approach/Landing:	Full stop;Traffic pattern

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
Total Injuries:	2 Minor	Latitude, Longitude:	44.385555,-88.851112(est)

Administrative Information

Investigator In Charge (IIC):	Sullivan, Pamela
Additional Participating Persons:	Michael Mecha; FAA-MKE-FSDO; Milwaukee, WI
Original Publish Date:	May 6, 2010
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=75257

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