



National Transportation Safety Board Aviation Accident Data Summary

Location:	Manchester, MI	Accident Number:	CHI08CA229
Date & Time:	08/01/2008, 1200 EDT	Registration:	N5025G
Aircraft:	Prendergast RV-7A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that during the landing he let the "nose come down and used brakes which caused the low clearance gear leg to dig in and begin bending." The airplane's propeller and wing subsequently contacted the "undulating" grass strip. The pilot reported no mechanical malfunctions with the airplane during the accident flight. The pilot's safety recommendation was to replace the accident gear leg with the "new revision ... from Vans [aircraft] which has greater ground clearance."

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate flare during landing. Contributing to the accident was the uneven terrain.

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING

Findings

1. (F) TERRAIN CONDITION - ROUGH/UNEVEN
2. (C) FLARE - INADEQUATE - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	68
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2500 hours (Total, all aircraft), 160 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Prendergast	Registration:	N5025G
Model/Series:	RV-7A	Engines:	1 Reciprocating
Operator:	John Prendergast	Engine Manufacturer:	Mazda
Air Carrier Operating Certificate:	None	Engine Model/Series:	Rotary
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	
Condition of Light:	Day	Wind Speed/Gusts, Direction:	
Temperature:		Visibility:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	OSHKOSH, WI (OSH)	Destination:	Manchester, MI (75G)

Airport Information

Airport:		Runway Surface Type:	
Runway Used:		Runway Surface Condition:	
Runway Length/Width:			

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

Administrative Information

Investigator In Charge (IIC):	Edward F Malinowski	Adopted Date:	08/28/2008
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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