



National Transportation Safety Board Aviation Accident Data Summary

Location:	Eureka, CA	Accident Number:	WPR12CA073
Date & Time:	01/01/2012, 1630 PST	Registration:	N45WM
Aircraft:	MCADAM W E CHRISTEN EAGLE II	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that, during the landing flare, he noticed a deer (or possibly several deer) move onto the runway. In response, he added power and attempted to maneuver away from the animal(s). The airplane impacted what he believed to be a deer. The pilot realized that the airplane had likely incurred damage that could hinder further flight, so he retarded the engine power and landed without further incident. The left wing sustained substantial damage to the leading edge. The pilot reported no mechanical malfunctions or failures with the airplane that would have precluded normal operation. The Federal Aviation Administration Airport Facilities Directory for the airport contained a note stating that there are deer occasionally on the runway.

Flight Events

Landing-landing roll - Airport occurrence
Landing-landing roll - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
A collision with a deer while landing.

Findings

Environmental issues-Physical environment-Object/animal/substance-Animal(s)/bird(s)-Effect on equipment - C

Environmental issues-Physical environment-Object/animal/substance-Animal(s)/bird(s)-Ability to respond/compensate - C

Pilot Information

Certificate:	Private	Age:	58
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1131 hours (Total, all aircraft), 348 hours (Total, this make and model), 6 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	MCADAM W E	Registration:	N45WM
Model/Series:	CHRISTEN EAGLE II	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	AEIO-360-A1D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Light and Variable, Variable
Temperature:	13° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation; N/A		
Departure Point:	Eureka, CA (EKA)	Destination:	Eureka, CA (EKA)

Airport Information

Airport:	Murray Field Airport (EKA)	Runway Surface Type:	Asphalt
Runway Used:	12	Runway Surface Condition:	Dry
Runway Length/Width:	3000 ft / 75 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:	

Administrative Information

Investigator In Charge (IIC):	Zoe Keliher	Adopted Date:	05/03/2012
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82591		

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.

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