

SAFETY GRAM 4.0

MARCH 2018





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Case:

Reference NTSB Aviation Accident Factual Report (3 Pages)

Questions (No right or wrong):

- Are you conducting a thorough preflight inspection before every flight?
- If you found damage, who would you report it to?
- What does AFI 34-117 say about reporting mishaps/damage?

**** Now the hard questions ****

- Have you ever damaged an aircraft?
- Did you report it?
- If yes, who did you report it to and what action was taken?
- If not, why did you choose not to report it?

Discussion:

Fellow aviators, Air Force Aero Clubs take exceptional pride in our safety record. We have always exceeded the general aviation industry standard when it comes to safety. In order for that streak to continue we must take aircraft damage serious and "report" any and all incidents.....our safety depends on it!

CONTINUE TO FLY SAFE!



**Maj Derrick L. Hodges Jr., Director of Operations & Safety, USAF Aero Clubs
derrick.hodges.1@us.af.mil; DSN 969-7232, (210) 395-7232**



National Transportation Safety Board Aviation Accident Final Report

Location:	Santa Ana, CA	Accident Number:	GAA17CA479
Date & Time:	07/29/2017, 1030 PDT	Registration:	N1129K
Aircraft:	CESSNA 172	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	N/A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The Federal Aviation Administration aviation safety inspector reported that, during a preflight inspection, the student pilot and designated pilot examiner observed propeller damage. Further inspection by maintenance personnel revealed substantial damage to the firewall and fuselage consistent with a hard landing. The airplane was flown by numerous renter pilots before the damage was found, and none of them claimed responsibility for the damage. The time of the accident and the identification of the pilot(s) are unknown.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

A hard landing and propeller strike for reasons that could not be determined based on the available evidence.

Findings

Aircraft	Landing flare - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Other/unknown (Cause)

Factual Information

History of Flight

Landing-flare/touchdown	Hard landing (Defining event) Abnormal runway contact
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Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N1129K
Model/Series:	172 S	Aircraft Category:	Airplane
Year of Manufacture:	2006	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	172S10315
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	03/30/2017, Annual	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4500 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-360-L2A
Registered Owner:	AMERICAN AIRPLANE EXCHANGE	Rated Power:	180 hp
Operator:	Orange County Flight Center	Operating Certificate(s) Held:	Pilot School (141)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Unknown	Condition of Light:	Not Reported
Observation Facility, Elevation:		Observation Time:	
Distance from Accident Site:		Direction from Accident Site:	
Lowest Cloud Condition:		Temperature/Dew Point:	
Lowest Ceiling:		Visibility:	
Wind Speed/Gusts, Direction:		Visibility (RVR):	
Altimeter Setting:		Visibility (RVV):	
Precipitation and Obscuration:			
Departure Point:	Unknown, UN (NONE)	Type of Flight Plan Filed:	Unknown
Destination:	Unknown, UN (NONE)	Type of Clearance:	Unknown
Departure Time:		Type of Airspace:	Unknown

Wreckage and Impact Information

Crew Injuries:	N/A	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	N/A	Latitude, Longitude:	33.675556, -117.868333 (est)

Administrative Information

Investigator In Charge (IIC):	Adam M Gerhardt	Adopted Date:	12/15/2017
Additional Participating Persons:	Deborah A Fallica; FAA/ FSDO; Long Beach, CA		
Publish Date:	12/15/2017		
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=95779		

