



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Dallas, TX	<b>Accident Number:</b>	GAA16CA133
<b>Date &amp; Time:</b>	02/03/2016, 1100 CST	<b>Registration:</b>	N61429
<b>Aircraft:</b>	NORTH AMERICAN P 51	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Landing gear not configured	<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot reported that he landed the airplane with the landing gear retracted, which resulted in substantial damage to the fuselage.

According to the pilot there were no preimpact mechanical failures or malfunctions with the airframe or engine that would have precluded normal operation.

The pilot further reported that this accident could have been prevented with a "higher degree" of diligence to checklists.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to extend the landing gear prior to landing, which resulted in substantial damage to the fuselage during landing.

## Findings

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<b>Aircraft</b>	Gear extension and retract sys - Not used/operated (Cause)
<b>Personnel issues</b>	Use of checklist - Pilot (Cause) Task monitoring/vigilance - Pilot

## Factual Information

### History of Flight

<b>Landing</b>	Landing gear not configured (Defining event) Abnormal runway contact Runway excursion
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### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	51, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 With Waivers/Limitations	<b>Last FAA Medical Exam:</b>	08/20/2015
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	05/10/2014
<b>Flight Time:</b>	(Estimated) 1815 hours (Total, all aircraft), 187 hours (Total, this make and model), 5.8 hours (Last 90 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	NORTH AMERICAN	<b>Registration:</b>	N61429
<b>Model/Series:</b>	P 51 C	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Limited	<b>Serial Number:</b>	103-26199
<b>Landing Gear Type:</b>	Retractable - Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	Annual	<b>Certified Max Gross Wt.:</b>	10500 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	ROLLS ROYCE
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	V-1650-7
<b>Registered Owner:</b>	AMERICAN AIR POWER HERITAGE FLYING MUSE	<b>Rated Power:</b>	1497 hp
<b>Operator:</b>	AMERICAN AIR POWER HERITAGE FLYING MUSE	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KRBD, 658 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1650 UTC	Direction from Accident Site:	314°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	13 knots / 22 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	330°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.22 inches Hg	Temperature/Dew Point:	6° C / -4° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Dallas, TX (RBD)	Type of Flight Plan Filed:	None
Destination:	Dallas, TX (RBD)	Type of Clearance:	VFR
Departure Time:	1015 CST	Type of Airspace:	Class D

## Airport Information

Airport:	DALLAS EXECUTIVE (RBD)	Runway Surface Type:	Asphalt
Airport Elevation:	659 ft	Runway Surface Condition:	Dry
Runway Used:	35	IFR Approach:	None
Runway Length/Width:	3800 ft / 150 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	32.679444, -96.866111 (est)

## Administrative Information

Investigator In Charge (IIC):	Jackie L Vanover	Report Date:	04/05/2016
Additional Participating Persons:	Shane Olsen; FAA; Irving, TX		
Publish Date:	04/05/2016		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92735">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92735</a>		

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