



# Aviation Investigation Final Report

<b>Location:</b>	Concord, California	<b>Accident Number:</b>	LAX01LA074
<b>Date &amp; Time:</b>	January 15, 2001, 17:30 Local	<b>Registration:</b>	N63BD
<b>Aircraft:</b>	Cessna TR182	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that, upon exiting the runway, he made too wide a turn onto the taxiway and then did not correct quickly enough to avoid striking a hangar with the left wingtip.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure of the pilot to maintain clearance from buildings during taxi.

## Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: TAXI - FROM LANDING

### Findings

1. OBJECT - HANGAR/AIRPORT BUILDING
2. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

## Factual Information

On January 15, 2001, at 1730 hours Pacific standard time, a Cessna TR182, N63BD, was substantially damaged when the left wing struck a hangar while taxiing to parking after landing at Buchanan Field, Concord, California. The private pilot and one passenger were not injured. Visual meteorological conditions prevailed and no flight plan was filed for the local area personal flight. The flight was operated by the owner under 14 CFR Part 91, and departed from Concord at 1630.

In his report to the Safety Board, the pilot reported making a wide turn onto the taxiway and said he then did not correct quickly enough to avoid striking the hangar.

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	43, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	August 11, 2000
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	September 2, 2000
<b>Flight Time:</b>	390 hours (Total, all aircraft), 113 hours (Total, this make and model), 347 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N63BD
<b>Model/Series:</b>	TR182	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	R18201067
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	November 21, 2000 Annual	<b>Certified Max Gross Wt.:</b>	3100 lbs
<b>Time Since Last Inspection:</b>	9.5 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2079 Hrs at time of accident	<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-540-L3C5D
<b>Registered Owner:</b>	Martin A. Yanes	<b>Rated Power:</b>	235 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Dusk
<b>Observation Facility, Elevation:</b>	CCR,23 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	17:53 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	12 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	340°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.09 inches Hg	<b>Temperature/Dew Point:</b>	11°C / -4°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	CONCORD, CA (CCR)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	16:30 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	Buchanan Field CCR	<b>Runway Surface Type:</b>	Asphalt;Concrete
<b>Airport Elevation:</b>	23 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	32R	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4601 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop;Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	38.000152,-122.029602(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Parker, Richard
<b>Additional Participating Persons:</b>	Dennis D Pollard; FAA Ft Stnds Dist. Office; Oakland, CA
<b>Original Publish Date:</b>	July 30, 2001
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	The NTSB traveled to the scene of this accident.
<b>Investigation Docket:</b>	<a href="https://data.ntsb.gov/Docket?ProjectID=50927">https://data.ntsb.gov/Docket?ProjectID=50927</a>

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