



National Transportation Safety Board Aviation Accident Data Summary

Location:	ENGLEWOOD, CO	Accident Number:	DEN87LA078
Date & Time:	04/01/1987, 0955 MST	Registration:	N114PA
Aircraft:	Ercoupe (Eng & Research Corp.) 415C	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE STUDENT PLT SAID THE ACFT BALLOONED DURING THE FLARE AND HE APPLIED FORWARD STICK. THE ACFT TOUCHED DOWN NOSE WHEEL FIRST AND THE NOSE GEAR COLLAPSED. THE ACFT THEN SETTLED HARD ON MAIN GEAR RESULTING IN ADDITIONAL DAMAGE.

Probable Cause

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

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) FLARE - IMPROPER - PILOT IN COMMAND
2. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND

Occurrence #2: NOSE GEAR COLLAPSED

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. (C) STALL/MUSH - INADVERTENT - PILOT IN COMMAND

Pilot Information

Certificate:	Student	Age:	44
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	38 hours (Total, all aircraft), 38 hours (Total, this make and model), 24 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Ercoupe (Eng & Research Corp.)	Registration:	N114PA
Model/Series:	415C 415C	Engines:	1 Reciprocating
Operator:	PAUL C. ANDES	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C-85-12F
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	APA, 5883 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 340°
Temperature:	12° C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	CENTENNIAL (APA)	Runway Surface Type:	Asphalt
Runway Used:	35L	Runway Surface Condition:	Dry
Runway Length/Width:	7000 ft / 45 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:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	ROBERT B COLLINS	Adopted Date:	05/19/1989
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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