



National Transportation Safety Board Aviation Accident Data Summary

Location:	Buckeye, AZ	Accident Number:	LAX06CA276
Date & Time:	08/01/2006, 1630 PDT	Registration:	N28332
Aircraft:	Interstate S-1A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that the pin that secured the control stick to the elevator control system came out, the control stick disconnected from elevator control rods, and he lost elevator authority. The pilot conducted a forced landing in an alfalfa field and the nose landing gear collapsed when it encountered the field's border. The airplane underwent its last annual inspection 34.5 hours prior to the accident. At the time of the last inspection the airframe and flight controls were lubricated.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the in-flight separation of the control stick. A contributing factor was the rough terrain for the forced landing, which resulted in a collapsed landing gear.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: MANEUVERING

Findings

1. (C) FLT CONTROL SYST, YOKE/CONTROL STICK - DISCONNECTED

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: EMERGENCY LANDING

Findings

2. (F) TERRAIN CONDITION - DIRT BANK/RISING EMBANKMENT

3. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Occurrence #4: NOSE GEAR COLLAPSED

Phase of Operation: EMERGENCY LANDING

Pilot Information

Certificate:	Commercial	Age:	82
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	3000 hours (Total, all aircraft), 300 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Interstate	Registration:	N28332
Model/Series:	S-1A	Engines:	1 Reciprocating
Operator:	Jack C. Gable	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	A-65-8F
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
Temperature:		Visibility:	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Buckeye, AZ (BXX)	Destination:	

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

Administrative Information

Investigator In Charge (IIC):	Nicole L Charnon	Adopted Date:	12/28/2006
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	NTSB accident and incident docket 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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