



National Transportation Safety Board Aviation Accident Factual Report

Location:	Buckeye, AZ	Accident Number:	LAX06CA276
Date & Time:	08/01/2006, 1630 PDT	Registration:	N28332
Aircraft:	Interstate S-1A	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Personal

On August 1, 2006, at 1630 Pacific daylight time, an Interstate S-1A airplane, N28332, was substantially damaged when its nose landing gear collapsed during a forced landing in a field near Buckeye, Arizona. The commercial pilot, who was the sole occupant, was uninjured. The airplane was registered to a private individual, and was operated by the pilot under the provision of 14 CFR Part 91 as a personal flight. The local flight departed the Buckeye Airport about 5 minutes prior to the accident. Visual meteorological conditions prevailed and a flight plan had not been filed. The accident site was located about 33 degrees 26 minutes north latitude and 112 degrees 41 minutes west longitude.

According to a written statement provided to a Federal Aviation Administration inspector, the airplane was about 150 to 200 feet above the ground when the control stick disconnected and the pilot lost elevator control. The nose of the airplane began to drop so he trimmed the airplane to maintain flight. He set up for a forced landing straight ahead between cement borders. The airplane touched down normally, but was nearing a cement ditch. The pilot applied full power and the airplane skipped over the ditch. The airplane then touched down in an alfalfa field and rolled out normally until the nose landing gear collapsed after encountering the field's border.

The 1941 model airplane sustained substantial damage to the firewall. The pilot reported that the pin that secured the control stick onto the elevator control rods came out. Review of the maintenance records revealed the airplane underwent its last annual inspection on August 2, 2005, at a total airframe time of 3,924.5 hours. A maintenance endorsement affiliated with that annual inspection revealed that airframe and flight controls were lubricated. At the time of the accident, the airplane accumulated 3,959 hours of operation.

Pilot Information

Certificate:	Commercial	Age:	82, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last FAA Medical Exam:	12/01/2005
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3000 hours (Total, all aircraft), 300 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Interstate	Registration:	N28332
Model/Series:	S-1A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	20
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	08/01/2005, Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:	34.5 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3959 Hours at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	A-65-8F
Registered Owner:	Wilbert Penfold	Rated Power:	
Operator:	Jack C. Gable	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Buckeye, AZ (BXX)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1625	Type of Airspace:	

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
Total Injuries:	1 None	Latitude, Longitude:	33.433333, -112.683333

Administrative Information

Investigator In Charge (IIC):	Nicole L Charnon
Additional Participating Persons:	William A Pratt; Federal Aviation Administration; Scottsdale, AZ
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
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/ .