



National Transportation Safety Board Aviation Accident Final Report

Location:	Goldendale, WA	Accident Number:	LAX07CA260
Date & Time:	09/01/2007, 0835 PDT	Registration:	N5180G
Aircraft:	Ayres SR2	Aircraft Damage:	Minor
Defining Event:		Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The experimental powered parachute aircraft collided with a fence during an aborted takeoff, resulting in serious injuries to the pilot. The student pilot's first takeoff and landing were uneventful. Prior to commencing the second takeoff in calm wind conditions, the pilot "checked and double checked [the] chute and aircraft...everything checked out." The pilot applied engine power and began taking off from the 40-acre field. The chute did not completely open and it appeared to be tucked in on the right side, which resulted in the chute drifting left. The pilot did not maintain directional control of his aircraft, and at 20 feet above the ground he elected to abort the climb as he approached the runway's end. The airplane impacted a nearby fence at full throttle.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure of the parachute wing to completely deploy, which resulted in the pilot's failure to maintain directional control during takeoff.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) MISC EQPT/FURNISHINGS, PARACHUTE/DRAG CHUTE - MOVEMENT RESTRICTED
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. OBJECT - FENCE

Factual Information

Student Pilot Information

Certificate:	Student	Age:	56, Male
Airplane Rating(s):	None	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:	Unknown	Last Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	9 hours (Total, all aircraft), 9 hours (Total, this make and model), 4 hours (Pilot In Command, all aircraft), 8 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Ayres	Registration:	N5180G
Model/Series:	SR2	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Experimental	Serial Number:	2516
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Rotax
ELT:	Not installed	Engine Model/Series:	912
Registered Owner:	John P. Ayres	Rated Power:	
Operator:	John P. Ayres	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Observation Time:	
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Calm	Visibility (RVR):	
Altimeter Setting:		Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Goldendale, WA (NONE)	Type of Flight Plan Filed:	None
Destination:	Goldendale, WA (NONE)	Type of Clearance:	None
Departure Time:	PDT	Type of Airspace:	

Airport Information

Airport:	Unnamed airstrip (NONE)	Runway Surface Type:	Grass/turf
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	00	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Minor
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	1 Serious		

Administrative Information

Investigator In Charge (IIC):	Wayne Pollack	Adopted Date:	11/29/2007
Additional Participating Persons:	Allen Shelby; Federal Aviation Administration; Portland, OR		
Publish Date:			
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/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.