

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: SEA00LA118		Aircraft Registration Number: N31286	
		Occurrence Date: 06/29/2000		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place BEND		State OR	Zip Code 97701	Local Time 0945	Time Zone PDT
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Bellanca		Model/Series 8KCAB		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On June 29, 2000, approximately 0945 Pacific daylight time, a Bellanca 8KCAB (Decathlon), N31286, operated by The Flight Shop, Incorporated as a 14CFR91 instructional flight, sustained substantial damage during the landing roll at Bend Municipal Airport, Bend, Oregon. Visual meteorological conditions prevailed and no flight plan was filed for the local instructional flight. The certified flight instructor (CFI) and private pilot were uninjured. There was no fire and no report of ELT activation.</p> <p>The CFI reported that he and the second pilot were practicing three point landings on runway 16. He stated that on the second landing, the aircraft touched down, tail wheel first, and the aircraft began to drift to the left of runway centerline. Both pilots attempted to correct the situation by applying full right rudder, but the aircraft continued to track to the left. The aircraft traveled off the runway and collided with a visual approach slope indicator (VASI) lighting system. The aircraft's empennage and wing lift strut sustained substantial damage.</p> <p>Post-accident inspection of the aircraft by an FAA Inspector from the Portland, Oregon, Flight Standards District Office revealed that the aircraft's pneumatic tail wheel tire ruptured in a worn area of the tire's running surface. The CFI stated that significant wear to the tailwheel tire was noted during the preflight inspection, however, he believed the tire was still in an airworthy condition.</p>					
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Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
BEND MUNICIPAL AIRPORT	S07	3456 Ft. MSL	16	5005	75
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: Traffic Pattern					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
Bellanca		8KCAB		50-70	
Airworthiness Certificate(s): Acrobatic					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt.	1800 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Reciprocating	Lycoming	IO-320	160 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Annual	06/2000	3 Hours	1358 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? No	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
FLIGHT SHOP, INC.		63132 POWELL BUTTE ROAD			
		City	State	Zip Code	
		BEND	OR	97701	
Operator of Aircraft		Street Address			
Same as Reg'd Aircraft Owner		Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:					
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Instructional					
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First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 41
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Sex: M	Seat Occupied: Rear	Principal Profession: Civilian Pilot	Certificate Number: On File
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Certificate(s): Airline Transport; Flight Instructor; Commercial

Airplane Rating(s): Multi-engine Land; Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine; Instrument Airplane

Type Rating/Endorsement for Accident/Incident Aircraft? Yes	Current Biennial Flight Review?
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Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 02/2000
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	6290	3	3650	2760	970	720	85			
Pilot In Command(PIC)	6143	3	3550	2740	960	700	65			
Instructor	2900	2	2000	900	100	300				
Last 90 Days	140	3	90	47	3					
Last 30 Days	40		10	30						
Last 24 Hours	3		3							

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
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Flight Plan/Itinerary

Type of Flight Plan Filed: None	
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Departure Point BEND	State OR	Airport Identifier S07	Departure Time 0835	Time Zone PDT
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Destination Local Flight	State	Airport Identifier	
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Type of Clearance: None

Type of Airspace: Class G

Weather Information

Source of Briefing:
No record of briefing

Method of Briefing:

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Weather Information

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
RDM	0956	PDT	3077 Ft. MSL	25 NM	28 Deg. Mag.
Sky/Lowest Cloud Condition: Clear			0 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None			0 Ft. AGL	Visibility: 10 SM	Altimeter: 30.00 "Hg
Temperature: 27 °C	Dew Point: -18 °C	Wind Direction:		Density Altitude: 5257 Ft.	
Wind Speed: Calm	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information

Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None
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Classification: U.S. Registered/U.S. Soil

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot				1	1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				2	2
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	2	2

National Transportation Safety Board

FACTUAL REPORT

AVIATION



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Occurrence Date: 06/29/2000

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

DENNIS J. HOGENSON

Additional Persons Participating in This Accident/Incident Investigation:

CLIFF D COLVIN

FAA-FSDO

HILLSBORO, OR 97124