

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted 10/24/2002

SEA02LA078
File No. 12385 05/02/2002 Davenport, WA Aircraft Reg No. N86AA Time (Local): 12:30 PDT

Make/Model:	American Champion (ACAC) / 8KCAB	Fatal	0	Serious	0	Minor/None	1
Engine Make/Model:	Lycoming / IO-360-H1B	Crew	0				
Aircraft Damage:	Substantial	Pass	0		0		1
Number of Engines:	1						
Operating Certificate(s):	None						
Type of Flight Operation:	Personal						
Reg. Flight Conducted Under:	Part 91: General Aviation						

Last Depart. Point:	Same as Accident/Incident Location	Condition of Light:	Day
Destination:	Chelan, WA	Weather Info Src:	Weather Observation Facility
Airport Proximity:	On Airport	Basic Weather:	Visual Conditions
Airport Name:	Davenport	Lowest Ceiling:	20000 Ft. AGL, Broken
Runway Identification:	23	Visibility:	10.00 SM
Runway Length/Width (Ft):	3126 / 50	Wind Dir/Speed:	220 / 019 Kts
Runway Surface:	Asphalt	Temperature (°C):	16
Runway Surface Condition:	Dry	Precip/Obscuration:	None / None

Pilot-in-Command	Age: 72	Flight Time (Hours)
Certificate(s)/Rating(s)		Total All Aircraft: 2645
Commercial; Single-engine Land; Single-engine Sea		Last 90 Days: 5
Instrument Ratings		Total Make/Model: 174
Airplane		Total Instrument Time: UnK/Nr

The pilot reported that he was taking off from runway 23 in 20 to 25 knot winds with gusts to 30 plus from 200 degrees. Just as the aircraft was lifting off the runway, a strong gust of wind picked up the left wing. The pilot tried to lower the left wing, however the wing continued to raise and the right wing contacted the runway surface. The aircraft cart wheeled onto its nose then struck the tail, coming to rest upright off the right side of the runway. The pilot reported no mechanical failures or malfunctions with the aircraft at the time.

Brief of Accident (Continued)

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Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) WEATHER CONDITION - GUSTS
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.
The pilot's failure to adequately compensate for the wind conditions during takeoff. Gusting wind was a factor.