



Aviation Investigation Final Report

Location:	15N OF MEDFORD, Oregon	Accident Number:	SEA82DA068
Date & Time:	May 9, 1982, 16:05 Local	Registration:	N1434Z
Aircraft:	de Havilland 2	Aircraft Damage:	Substantial
Defining Event:		Injuries:	10 None
Flight Conducted Under:	Part 91: General aviation		

Analysis

THE PILOT STARTED A DOWNWIND TAKEOFF ON RUNWAY 15 WITH 9 PARACHUTISTS ON BOARD. THE RUNWAY WAS UNIDIRECTIONAL REQUIRING TAKEOFFS ON RUNWAY 15 WHICH SLOPED DOWNHILL. AFTER BEGINNING THE TAKEOFF ROLL, THE PILOT HAD DIFFICULTY IN MAINTAINING DIRECTIONAL CONTROL AND INITIATED ABORT PROCEDURES. REPORTEDLY, THE AIRCRAFT CONTINUED TO VEER TO THE RIGHT IN SPITE OF THE USE OF HARD LEFT RUDDER AND BRAKING ACTION. AS THE AIRCRAFT DECELERATED, IT DEPARTED THE RIGHT SIDE OF THE RUNWAY, STRUCK 3 FENCE POSTS, AND COLLIDED WITH A PARKED STINSON, N368C. THE PILOT REPORTED THAT THE PARACHUTIST OCCUPYING THE COPILOT'S SEAT STATED THAT HE HAD PLACED HIS FEET BEHIND THE RUDDER PEDALS SHORTLY BEFORE TAKEOFF.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

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

Findings

1. (F) PASSENGER BRIEFING - INADEQUATE - PILOT IN COMMAND

2. (C) FLT CONTROL SYST, RUDDER CONTROL - MOVEMENT RESTRICTED
3. (C) CONTROL INTERFERENCE - INADVERTENT - PASSENGER
4. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF

Findings

5. (F) WEATHER CONDITION - TAILWIND
6. (F) TERRAIN CONDITION - DOWNHILL
7. (F) OBJECT
8. (F) OBJECT - AIRCRAFT PARKED/STANDING

Factual Information

Pilot Information

Certificate:	Commercial	Age:	44, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	August 4, 1981
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	3965 hours (Total, all aircraft), 63 hours (Total, this make and model), 3861 hours (Pilot In Command, all aircraft), 81 hours (Last 90 days, all aircraft), 42 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	de Havilland	Registration:	N1434Z
Model/Series:	2 2	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:		Serial Number:	5116860
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	5100 lbs
Time Since Last Inspection:	46 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	6476 Hrs	Engine Manufacturer:	P&W
ELT:	Installed	Engine Model/Series:	985-39
Registered Owner:	OREGON SKYSPORTS	Rated Power:	450 Horsepower
Operator:	RALPH A. HATLEY	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	MFR	Distance from Accident Site:	9 Nautical Miles
Observation Time:	15:50 Local	Direction from Accident Site:	172°
Lowest Cloud Condition:	Scattered / 5000 ft AGL	Visibility	30 miles
Lowest Ceiling:	Broken / 6000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	55°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	15N OF MEDFORD , OR (OR96)	Type of Flight Plan Filed:	None
Destination:	15N OF MEDFORD , OR (OR96)	Type of Clearance:	None
Departure Time:	16:05 Local	Type of Airspace:	

Airport Information

Airport:	BEAGLE SKY RANCH OR96	Runway Surface Type:	Dirt
Airport Elevation:	0 ft msl	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	3000 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	9 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	10 None	Latitude, Longitude:	42.279384,-122.900451(est)

Administrative Information

Investigator In Charge (IIC):

Additional Participating Persons:

Original Publish Date: May 9, 1983

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.ntsb.gov/Docket?ProjectID=69625>

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