



# Aviation Investigation Final Report

<b>Location:</b>	SUNRIVER, Oregon	<b>Accident Number:</b>	SEA82DA061
<b>Date &amp; Time:</b>	May 2, 1982, 12:30 Local	<b>Registration:</b>	N4518U
<b>Aircraft:</b>	GRUMMAN AA-5B	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	4 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

AFTER TERMINATING HIS FIRST APPROACH IN A GO-AROUND THE PILOT COMMENCED A SECOND APPROACH. JUST BEFORE TOUCHDOWN THE PILOT STATED THAT A GUST OF WIND SHOVED THE PLANE TO THE LEFT. THE PILOT ATTEMPTED TO ABORT THE LANDING BY ADDING FULL POWER BUT THE AIRCRAFT DEPARTED THE RUNWAY AND PASSED THROUGH A BARBED WIRE FENCE. WITNESSES REPORTED A CROSSWIND WITH GUSTS TO 15 KNOTS. THEY ALSO REPORTED SEEING THE TAIL OF THE AIRCRAFT STRIKE THE RUNWAY DURING A PORPOISING MANEUVER.

## 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 - IN FLIGHT  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

#### Findings

1. (F) WEATHER CONDITION - CROSSWIND
  2. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
  3. (F) WEATHER CONDITION - GUSTS
  4. (C) ABORTED LANDING - DELAYED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

5. (F) OBJECT - FENCE
6. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	31, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	August 14, 1981
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	72 hours (Total, all aircraft), 13 hours (Total, this make and model), 38 hours (Pilot In Command, all aircraft), 36 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	GRUMMAN	<b>Registration:</b>	N4518U
<b>Model/Series:</b>	AA-5B AA-5B	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	AA5B1046
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	2400 lbs
<b>Time Since Last Inspection:</b>	89 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1157 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-360-A4K
<b>Registered Owner:</b>	LOGAN & REAVIS AIR INC	<b>Rated Power:</b>	180 Horsepower
<b>Operator:</b>	MIKE REMICK	<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	RDM	<b>Distance from Accident Site:</b>	27 Nautical Miles
<b>Observation Time:</b>	13:55 Local	<b>Direction from Accident Site:</b>	30°
<b>Lowest Cloud Condition:</b>	Unknown	<b>Visibility</b>	35 miles
<b>Lowest Ceiling:</b>	Broken / 12000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	8 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	310°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	60°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	DALLES , OR	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>	MEDFORD , OR	<b>Type of Clearance:</b>	
<b>Departure Time:</b>	12:30 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	SUNRIVER AIRPORT S21	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	18	<b>IFR Approach:</b>	
<b>Runway Length/Width:</b>	4500 ft / 60 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	3 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	4 None	<b>Latitude, Longitude:</b>	44.070091,-121.249755(est)

## Administrative Information

**Investigator In Charge (IIC):**

**Additional Participating Persons:**

**Original Publish Date:** May 2, 1983

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=72763>

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