



# Aviation Investigation Final Report

<b>Location:</b>	EUGENE ISLAND,	<b>Accident Number:</b>	FTW85LA268
<b>Date &amp; Time:</b>	June 28, 1985, 13:10 Local	<b>Registration:</b>	N5404Y
<b>Aircraft:</b>	SIKORSKY S-76	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	3 Minor
<b>Flight Conducted Under:</b>	Part 135: Air taxi & commuter - Non-scheduled		

## Analysis

THE PLT HAD LANDED ON THE OFFSHORE HELIPORT IN THE GULF OF MEXICO. THE S76 HELICOPTER ROLLED BACKWARD ON THE PLATFORM WITH THE HELICOPTER TILTING TO ITS RIGHT. THE COPLT EXITED THE ACFT AND FOUND THE RIGHT MAIN GEAR WHEEL OFF THE PLATFORM AND INTO THE DECK SAFETY NET. THE PLT ATTEMPTED TO LIFT UP OFF THE PLATFORM BUT THE ACFT WENT OFF THE PLATFORM AND FELL INVERTED IN THE WATER ABOUT 100 FEET BELOW. THE COPLT HAD EXITED THE ACFT (PRIOR TO THE ACCIDENT) AFTER INITIAL TOUCHDOWN. THE HELICOPTER WAS INTENTIONALLY LANDED ON THE FAR RIGHT (EAST) SIDE OF THE PLATFORM BECAUSE OF A BELL 206 WHICH WAS PARKED ON THE LEFT (WEST) SIDE OF THE PLATFORM.

## 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: LANDING - ROLL

#### Findings

1. (F) OBJECT - AIRCRAFT PARKED/STANDING
2. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND

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Occurrence #2: ROLL OVER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial; Flight instructor	<b>Age:</b>	38, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Helicopter	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	June 28, 1985
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	7124 hours (Total, all aircraft), 587 hours (Total, this make and model), 5329 hours (Pilot In Command, all aircraft), 73 hours (Last 90 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	SIKORSKY	<b>Registration:</b>	N5404Y
<b>Model/Series:</b>	S-76 S-76	<b>Aircraft Category:</b>	Helicopter
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Utility	<b>Serial Number:</b>	760146
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	14
<b>Date/Type of Last Inspection:</b>	June 23, 1985 Annual	<b>Certified Max Gross Wt.:</b>	10000 lbs
<b>Time Since Last Inspection:</b>	16 Hrs	<b>Engines:</b>	2 Turbo shaft
<b>Airframe Total Time:</b>	3469 Hrs	<b>Engine Manufacturer:</b>	ALLISON
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	250-C305
<b>Registered Owner:</b>	OFFSHORE LOGISTICS, INC.	<b>Rated Power:</b>	650 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	On-demand air taxi (135)
<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>	LFT	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	12:45 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered	<b>Visibility</b>	14 miles
<b>Lowest Ceiling:</b>	Broken	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	11 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	360°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	31°C / 21°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	MORGAN CITY , LA	<b>Type of Flight Plan Filed:</b>	Unknown
<b>Destination:</b>	EUGENE IS. BLK , GM	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	00:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>		<b>Runway Surface Type:</b>	Metal/wood
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	0 ft / 0 ft	<b>VFR Approach/Landing:</b>	Full stop;Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	3 Minor	<b>Latitude, Longitude:</b>	

## Administrative Information

**Investigator In Charge (IIC):** Roth, F.

**Additional Participating Persons:**

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=21783>

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