



National Transportation Safety Board Aviation Accident Data Summary

Location:	MATTAWA, WA	Accident Number:	SEA83LA002
Date & Time:	10/01/1982, 1330 PDT	Registration:	N57608
Aircraft:	PIPER PA-36	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

WHILE LANDING ON A FARM ROAD TO PICK UP SEED, THE LEFT MAIN GEAR ENCOUNTERED A SOFT AREA ON THE LEFT SIDE OF THE ROADWAY. THE AIRCRAFT BEGAN DRIFTING TO THE LEFT AND WOULD NOT RESPOND TO THE USE OF RIGHT RUDDER AND BRAKE. IT TRAVERSED A RECENTLY-FILLED DITCH. AS THE RIGHT GEAR ENCOUNTERED THE SOFT SURFACE, IT COLLAPSED.

Probable Cause

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) TERRAIN CONDITION - SOFT
2. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
3. DIRECTIONAL CONTROL - NOT POSSIBLE - PILOT IN COMMAND
4. GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND

Occurrence #2: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

5. LANDING GEAR,MAIN GEAR - OVERLOAD

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	35
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	7465 hours (Total, all aircraft), 350 hours (Total, this make and model), 7173 hours (Pilot In Command, all aircraft), 255 hours (Last 90 days, all aircraft), 75 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N57608
Model/Series:	PA-36 PA-36	Engines:	1 Reciprocating
Operator:	SUN AIR, INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	IO-720-A1B
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	/ , Variable
Temperature:	60° C	Visibility:	30 Miles
Precipitation and Obscuration:			
Departure Point:	ROYAL CITY, WA	Destination:	ROYAL CITY, WA

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):		Adopted Date:	10/01/1983
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the

accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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