



National Transportation Safety Board Aviation Accident Data Summary

Location:	Belle Glade, FL	Accident Number:	MIA03LA138
Date & Time:	07/01/2003, 1505 EDT	Registration:	N82120
Aircraft:	WSK PZL Mielec M-18A	Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The pilot stated that during the takeoff roll from the hard-packed rock road used as a runway, the right main landing gear tire blew. He applied left rudder input and slight left brake, but the airplane veered to the right, off the road onto soft sand/muck, and the airplane then nosed over. He further reported that the tire blew when the airplane was traveling about 70 mph, which was too slow to fly and too fast to stop before nosing over. The right main landing gear tire had been replaced in May 2003, and it had accumulated approximately 84 hours in service.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The inability of the pilot to maintain directional control of the airplane following a blown right main landing gear tire during the takeoff roll, resulting in the airplane rolling into soft terrain and subsequent nose over. A factor in the accident was the pilot's delay in reducing power immediately after the blown tire.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. LANDING GEAR, TIRE - DEFLATED

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

2. (C) DIRECTIONAL CONTROL - NOT POSSIBLE - PILOT IN COMMAND
3. (F) THROTTLE/POWER CONTROL - DELAYED - PILOT IN COMMAND

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ABORTED

Findings

4. TERRAIN CONDITION - SOFT

Occurrence #4: NOSE OVER
Phase of Operation: TAKEOFF - ABORTED

Pilot Information

Certificate:	Commercial	Age:	40
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2500 hours (Total, all aircraft), 1500 hours (Total, this make and model), 2460 hours (Pilot In Command, all aircraft), 104 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	WSK PZL Mielec	Registration:	N82120
Model/Series:	M-18A	Engines:	1 Reciprocating
Operator:	Aero-Ad, Inc.	Engine Manufacturer:	WSK PZL Kalis
Operating Certificate(s) Held:		Engine Model/Series:	ASz-621R-M18
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KPBI, 19 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	11 knots / , 150°
Temperature:	31 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Belle Glade, FL	Destination:	

Airport Information

Airport:		Runway Surface Type:	Unknown
Runway Used:	18	Runway Surface Condition:	Rough
Runway Length/Width:	3800 ft / 50 ft		

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:	26.800000, -80.533333		

Administrative Information

Investigator In Charge (IIC): Timothy W Monville

Adopted Date: 04/28/2004

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/>.

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