



National Transportation Safety Board Aviation Accident Data Summary

Location:	OXFORD, CT	Accident Number:	NYC91LA124
Date & Time:	05/01/1991, 0920 EDT	Registration:	N445BL
Aircraft:	Israel Aircraft Industries 1124A	Injuries:	9 None
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

THE AIRCRAFT COMPLETED AN INSTRUMENT APPROACH AND LANDED HARD ON THE RUNWAY SURFACE FIRST WITH THE LEFT GEAR THEN THE RIGHT GEAR. THE TIRES BURST AND THE LOWER FUSELAGE CAME INTO CONTACT WITH THE RUNWAY SURFACE. AFTER THE NOSE GEAR TOUCHED DOWN, THE RIGHT MAIN LANDING GEAR COLLAPSED AND THE PILOT LOST CONTROL OF THE AIRCRAFT. IT VEERED TO THE LEFT AND DEPARTED THE RUNWAY, COMING TO REST APPROXIMATELY 150 TO 200 YARDS FROM THE POINT OF DEPARTURE. INITIAL TOUCH DOWN OCCURRED ABOUT 12 FEET FROM THE THRESHOLD, TEN FEET LEFT OF CENTERLINE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF THE PILOT TO MAINTAIN THE PROPER LANDING DESCENT RATE AND THE RESULTANT RIGHT MAIN LANDING GEAR ASSEMBLY COLLAPSE.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings
1. LANDING GEAR,TIRE - BURST
2. (C) PROPER DESCENT RATE - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: LANDING - ROLL

Findings
3. (C) LANDING GEAR, MAIN GEAR - OVERLOAD

Occurrence #3: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Commercial	Age:	50
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	10990 hours (Total, all aircraft), 2290 hours (Total, this make and model), 7100 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Israel Aircraft Industries	Registration:	N445BL
Model/Series:	1124A 1124A	Engines:	2 Turbo Fan
Operator:	PGA TOUR INVESTMENTS	Engine Manufacturer:	GARRETT
Operating Certificate(s) Held:	On-demand Air Taxi (135)	Engine Model/Series:	TFE731-3-1G
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Witness
Lowest Ceiling:	Overcast / 200 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	13°C	Visibility	2 Miles
Precipitation and Obscuration:			
Departure Point:	ST.AUGUSTINE, FL (SGJ)	Destination:	

Airport Information

Airport:	WATERBURY-OXFORD (OXC)	Runway Surface Type:	Asphalt
Runway Used:	36	Runway Surface Condition:	Wet
Runway Length/Width:	5000 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	7 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): alan J yurman

Adopted Date: 04/27/1993

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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