



National Transportation Safety Board Aviation Accident Data Summary

Location:	Amarillo, TX	Accident Number:	DFW05CA174
Date & Time:	07/01/2005, 1130 CDT	Registration:	N345MC
Aircraft:	Learjet 25	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The 7,300-hour captain was unable to maintain directional control of the twin turbojet airplane while landing on Runway 04 during day VMC conditions with winds from 130 degrees at 17 knots. The 13,502-foot-long, by 300-foot-wide-grooved runway was reported as dry at the time of the mishap. The airplane struck a runway distance marker, and exited the runway to the left during landing roll. The left wingtip tank fuel load was 200-300 pounds heavier than the right wingtip during landing. Examination of the airplane by maintenance personnel did not reveal any discrepancies in the fuel transfer system.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control during the landing roll. A contributing factor was the prevailing crosswind.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. FUEL MANAGEMENT - INADEQUATE - PILOT IN COMMAND
3. (F) WEATHER CONDITION - TAILWIND
4. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

5. OBJECT - AIRPORT SIGN/MARKER

Pilot Information

Certificate:	Airline Transport	Age:	62
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	7300 hours (Total, all aircraft), 3500 hours (Total, this make and model), 150 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft)		

Co-Pilot Information

Certificate:		Age:	25
Airplane Rating(s):		Instrument Rating(s):	
Other Aircraft Rating(s):		Instructor Rating(s):	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Learjet	Registration:	N345MC
Model/Series:	25	Engines:	2 Turbo Jet
Operator:	MCOCO Inc.	Engine Manufacturer:	General Electric
Operating Certificate(s) Held:	On-demand Air Taxi (135)	Engine Model/Series:	CJ610-6
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	AMA	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	15 knots / , 150°
Temperature:	29° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Houston, TX (HOU)	Destination:	Amarillo, TX (AMA)

Airport Information

Airport:	Amarillo International (AMA)	Runway Surface Type:	Concrete
Runway Used:	4	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Latitude, Longitude:	35.219167, -101.705833		

Administrative Information

Investigator In Charge (IIC):	Frank McGill	Adopted Date:	10/27/2005
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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