



National Transportation Safety Board Aviation Accident Data Summary

Location:	FORT LAUDERDALE, FL	Accident Number:	MIA99LA039
Date & Time:	12/01/1998, 1030 EST	Registration:	N414WF
Aircraft:	Aerospatiale ATR-72-212	Injuries:	1 Serious, 51 None
Flight Conducted Under:	Part 121: Air Carrier - Scheduled		

Analysis

The flight was at 4,000 feet when Air Traffic Control gave the crew a traffic report. The crew could not locate the traffic, because at the time they were flying in instrument meteorological conditions. About 3 minutes later the crew received a TCAS (traffic collision avoidance system) alert to climb. The flight climbed from 4,000 feet and leveled off at 5,300 feet. During the climb both flight attendants fell. One flight attendant broke her leg, the other was not injured. The flight attendants were standing completing their pre-landing duties when the event occurred. The pilot radioed ATC that he needed to have an ambulance meet the flight when it landed. The flight landed without further incident, and the flight attendant was taken to a local hospital.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: an abrupt maneuver in response to a traffic avoidance system alert, resulting in a flight attendant falling and breaking a leg.

Findings

Occurrence #1: ABRUPT MANEUVER
Phase of Operation: CRUISE

Findings

1. PULL-UP - INITIATED - PILOT IN COMMAND

Pilot Information

Certificate:	Airline Transport; Flight Instructor	Age:	42
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	13000 hours (Total, all aircraft), 1700 hours (Total, this make and model), 11000 hours (Pilot In Command, all aircraft), 250 hours (Last 90 days, all aircraft), 90 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aerospatiale	Registration:	N414WF
Model/Series:	ATR-72-212 ATR-72-212	Engines:	2 Turbo Prop
Operator:	AMR LEASING CORP.	Engine Manufacturer:	P&W
Operating Certificate(s) Held:	Flag carrier (121)	Engine Model/Series:	PW 127
Flight Conducted Under:	Part 121: Air Carrier - Scheduled		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FLL, 0 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	3 knots / , 30°
Temperature:	28° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	NASSUA, OF (NAS)	Destination:	(FLL)

Wreckage and Impact Information

Crew Injuries:	1 Serious, 3 None	Aircraft Damage:	None
Passenger Injuries:	48 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	ALAN J YURMAN	Adopted Date:	02/11/2000
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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