



National Transportation Safety Board Aviation Accident Data Summary

Location:	WESTFIELD, MA	Accident Number:	NYC90DNE02
Date & Time:	04/01/1990, 1322 EST	Registration:	N29WH
Aircraft:	WALTER HUDSON MUSTANG 2	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE AIRPLANE STARTED A TAKEOFF ROLL APPROXIMATELY 20 SECONDS AFTER A PRECEDING AIRPLANE. AS THE AIRPLANE BROKE GROUND, IT WAS OBSERVED TO ROLL 90 DEGREES TO THE RIGHT FOLLOWED BY A 180 DEGREE ROLL TO THE LEFT AND THEN ROLL WINGS LEVEL. THE PILOT SAID HE DID NOT THINK HE WOULD CLEAR THE TREES AHEAD OF THE AIRPLANE AND PULLED THE POWER OFF AND LANDED. THE AIRPLANE STRUCK TREES DURING THE GROUND ROLL.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: AN ENCOUNTER WITH WAKE TURBULENCE FROM A PRECEDING AIRPLANE. A FACTOR RELATED TO THE ACCIDENT WAS THE PILOT'S DECISION TO TAKEOFF CLOSE BEHIND THE PRECEDING AIRPLANE.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) WAKE TURBULENCE - ENCOUNTERED - PILOT IN COMMAND
2. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ABORTED

Findings

3. (F) OBJECT - TREE(S)

Pilot Information

Certificate:	Airline Transport	Age:	42
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	13000 hours (Total, all aircraft), 30 hours (Total, this make and model), 200 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	WALTER HUDSON	Registration:	N29WH
Model/Series:	MUSTANG 2 MUSTANG 2	Engines:	1 Reciprocating
Operator:	GARY HOOVER	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O320-DIA
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:	BAF, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	Overcast / 2000 ft agl	Wind Speed/Gusts, Direction:	Calm / , Variable
Temperature:		Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Airport Information

Airport:	BARNES MUNICIPAL (BAF)	Runway Surface Type:	Asphalt
Runway Used:	33	Runway Surface Condition:	Dry
Runway Length/Width:	5000 ft / 100 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): FRANK S RYS

Adopted Date: 12/30/1992

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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