



National Transportation Safety Board Aviation Accident Data Summary

Location:	WOODSTOCK, GA	Accident Number:	ATL93LA099
Date & Time:	06/01/1993, 0920 EDT	Registration:	N116RC
Aircraft:	Rockwell 114	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT ABORTED THE TAKEOFF FROM THE SOD STRIP WHEN THE AIRPLANE DID NOT APPEAR TO ACCELERATE SUFFICIENTLY TO EXECUTE A SAFE TAKEOFF. THE AIRPLANE CONTINUED OFF THE DEPARTURE END OF THE RUNWAY AND COLLIDED WITH TERRAIN. EXAMINATION OF THE AIRCRAFT FAILED TO DISCLOSE ANY MECHANICAL PROBLEMS, NOR DID THE PILOT REPORT AN AIRCRAFT PROBLEM. ACCORDING TO THE AIRCRAFT FLIGHT MANUAL, AT GROSS WEIGHT, APPROXIMATELY 2100 FEET OF RUNWAY IS NEEDED FOR A NORMAL TAKEOFF FROM A DRY SOD RUNWAY; THE RUNWAY WAS 3100 FEET LONG.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S INADEQUATE PREFLIGHT PLANNING WHICH RESULTED IN HIS FAILURE TO ABORT THE TAKEOFF WHEN SUFFICIENT RUNWAY WAS AVAILABLE.

Findings

Occurrence #1: OVERRUN
Phase of Operation: TAKEOFF - ABORTED

Findings

1. (C) ABORTED TAKEOFF - DELAYED - PILOT IN COMMAND
2. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	36
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	447 hours (Total, all aircraft), 94 hours (Total, this make and model), 30 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Rockwell	Registration:	N116RC
Model/Series:	114 114	Engines:	1 Reciprocating
Operator:	MACLIN, HENRY	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-540-T4B5D
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:	FTY, 875 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 320°
Temperature:	16° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	(56A)	Destination:	DESTIN, FL (81J)

Airport Information

Airport:	AIR ACRES (56A)	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	Dry
Runway Length/Width:	3100 ft / 100 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:

Administrative Information

Investigator In Charge (IIC):	PHILLIP POWELL,	Adopted Date:	08/17/1994
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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