



National Transportation Safety Board Aviation Accident Data Summary

Location:	CLINTON, MD	Accident Number:	BFO85FA007
Date & Time:	12/02/1984, 1400 EST	Registration:	N5571W
Aircraft:	QUICKIE Q2	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT WAS MAKING ITS FIRST TAKEOFF FOLLOWING SEVERAL PREVIOUS HOURS OF TAXI TESTS. WITNESSES REPORTED THAT THE AIRPLANE DRIFTED TO THE LEFT EARLY IN THE TAKEOFF ROLL UNTIL THE LEFT MAIN WHEEL DROPPED OFF THE RWY. THE ACFT YAWED TO THE LEFT AND CONTINUED ACROSS THE GRASS AND A PARALLEL TAXIWAY ONTO A PARKING RAMP. GROUND TRACKS ON THE RAMP VEERED TO THE RIGHT AND GENERALLY PARALLELED THE RWY HDG BEFORE ENDING ABOUT 100 FT FROM TWO PARKED VEHICLES. THE ACFT BECAME AIRBORNE SLIGHTLY BEFORE STRIKING THE TWO VEHICLES, PUSHING ONE INTO A PARKED ACFT. EXAMINATION REVEALED THE PRESENCE OF PROMINENT RUBBER TRANSFER MARKS ON THE TOP INSIDE TIRE SURFACE. THE MAIN WHEELS MOUNT ON THE TIPS OF THE 16.5 FT SPANCONARD. WIDTH OF THE TAKEOFF RUNWAY IS 30 FT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

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

Findings

1. (F) LANDING GEAR, TIRE - BINDING (MECHANICAL)
2. (F) MAINTENANCE, INSTALLATION - IMPROPER - PILOT IN COMMAND
3. (F) DIRECTIONAL CONTROL - NOT POSSIBLE - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF

Findings

4. (C) REMEDIAL ACTION - ATTEMPTED - PILOT IN COMMAND
5. (F) AIRCRAFT WEIGHT AND BALANCE - INACCURATE - PILOT IN COMMAND
6. (C) ABORTED TAKEOFF - NOT PERFORMED - PILOT IN COMMAND
7. (F) OBJECT - VEHICLE

Pilot Information

Certificate:	Private	Age:	57
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	245 hours (Total, all aircraft), 181 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	QUICKIE	Registration:	N5571W
Model/Series:	Q2 Q2	Engines:	1 Reciprocating
Operator:	LEROY BARTO	Engine Manufacturer:	Revmaster
Operating Certificate(s) Held:	None	Engine Model/Series:	2100-D
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:	DCA, 16 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 25000 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 170°
Temperature:	10° C	Visibility	12000 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	HYDE FIELD (W32)	Runway Surface Type:	Asphalt
Runway Used:	23	Runway Surface Condition:	Dry
Runway Length/Width:	2820 ft / 30 ft		

Wreckage and Impact Information

Crew Injuries:	1 Fatal	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): BRIAN S RICHARDSON

Adopted Date:

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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