



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	PATRICIA, TX	<b>Accident Number:</b>	FTW97LA300
<b>Date &amp; Time:</b>	08/01/1997, 0740 CDT	<b>Registration:</b>	N596PB
<b>Aircraft:</b>	Poor Boys Toys Inc EXEC 90	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation -		

## Analysis

The experimental amateur built helicopter was substantially damaged when it impacted terrain while hovering in a field. The pilot reported that the helicopter was in a hover and he was surveying the field. He momentarily directed his attention to the instruments within the cockpit and during that time the helicopter contacted crops. The pilot stated that the helicopter experienced a 'dynamic rollover,' and came to rest on its side in the field.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure of the pilot to maintain terrain clearance with the crops during a surveying flight. A factor was the pilots diverted attention.

## Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: HOVER

### Findings

1. TERRAIN CONDITION - CROP
2. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND
3. (F) DIVERTED ATTENTION - PILOT IN COMMAND
4. DYNAMIC ROLLOVER - INADVERTENT - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	41
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	8700 hours (Total, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Poor Boys Toys Inc	<b>Registration:</b>	N596PB
<b>Model/Series:</b>	EXEC 90 EXEC 90	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	POOR BOYS TOYS INC	<b>Engine Manufacturer:</b>	Unknown
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	UNK
<b>Flight Conducted Under:</b>	Part 91: General Aviation -		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	MAF, 2998 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Broken / 4500 ft agl	<b>Wind Speed/Gusts, Direction:</b>	4 knots / , 140°
<b>Temperature:</b>	23° C	<b>Visibility</b>	9 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	LAMESA, TX (2F5)	<b>Destination:</b>	

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	HECTOR R CASANOVA	<b>Adopted Date:</b>	04/15/1999
<b>Investigation Docket:</b>	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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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