

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: MIA98LA012		Aircraft Registration Number: N333PH	
		Occurrence Date: 10/17/1997		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place POMPANO BEACH		State FL	Zip Code 33060	Local Time 0946	Time Zone EDT
Airport Proximity: On Airport/Airstrip		Distance From Landing Facility: 1			
Aircraft Information Summary					
Aircraft Manufacturer Robinson		Model/Series R22 BETA /R22 BETA		Type of Aircraft Helicopter	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On October 17, 1997, about 0946 eastern daylight time, a Robinson R22 Beta, N333PH, registered to Pompano Helicopters, Inc., rolled over during landing at Pompano Beach Airpark, Pompano Beach, Florida, while on a Title 14 CFR Part 91 instructional flight. Visual meteorological conditions prevailed at the time and no flight plan was filed. The helicopter received substantial damage and the commercial-rated flight instructor and dual student were not injured. The flight originated from Pompano Beach, the same day, about 0930.</p> <p>The flight instructor stated they were performing an autorotation landing. The student was flying the helicopter. The student flared for landing and as the helicopter leveled it was still moving forward slowly. The student initiated a power recovery at which time the low rotor rpm horn sounded and the helicopter began to settle. The back of the skids hit the turf and they bounced forward. The left skid hit the turf and the helicopter began to lift up. The student continued to raise up on the collective as the instructor was trying to push down on the collective. The instructor was not able to establish a proper recovery and the helicopter turned over to the left as a result of dynamic roll over.</p>					
FACTUAL REPORT - AVIATION					
					Page 1

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: MIA98LA012			
		Occurrence Date: 10/17/1997			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
POMPANO BEACH AIRPARK	PMP	21 Ft. MSL	32	4419	150
Runway Surface Type: Grass/turf					
Runway Surface Condition: Dry					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: Traffic Pattern					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
Robinson		R22 BETA /R22 BETA		2326	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Skid					
Amateur Built Acft? No	Number of Seats: 2	Certified Max Gross Wt.	1370 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Reciprocating	Lycoming	O-320-B2C	160 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
100 Hour		48 Hours	3548 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type No	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
		1101 NE 10TH ST. HANGAR 26			
POMPANO HELICOPTERS, INC.		City	State	Zip Code	
		POMPANO BEACH	FL	33060	
Operator of Aircraft		Street Address			
		1101 NE 10TH ST. HANGAR 26			
POMPANO HELICOPTERS, INC.		City	State	Zip Code	
		POMPANO BEACH	FL	33060	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Instructional					

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: MIA98LA012
	Occurrence Date: 10/17/1997
	Occurrence Type: Accident

First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 28
-----------------	-----------------	------------------	--------------------------	-----------

Sex: M	Seat Occupied: Left	Occupational Pilot? <input type="checkbox"/> Civilian Pilot <input type="checkbox"/>	Certificate Number: On File
--------	---------------------	--	-----------------------------

Certificate(s): Flight Instructor; Commercial

Airplane Rating(s): None

Rotorcraft/Glider/LTA: Helicopter

Instrument Rating(s): Helicopter

Instructor Rating(s): Helicopter; Instrument Helicopter

Current Biennial Flight Review?

Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 10/1996
------------------------	--	------------------------------------

- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	249	120			5		33	249		
Pilot In Command(PIC)	200	120			5		33	200		
Instructor	25	25			2			25		
Instruction Received										
Last 90 Days	74	61			2		12	74		
Last 30 Days	29	29			2			29		
Last 24 Hours	3	3						3		

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
--------------------	----------------------------	--------------------------	-------------------

Flight Plan/Itinerary

Type of Flight Plan Filed: None

Departure Point Same as Accident/Incident Location	State	Airport Identifier PMP	Departure Time 0941	Time Zone EDT
---	-------	---------------------------	------------------------	------------------

Destination Local Flight	State	Airport Identifier	
-----------------------------	-------	--------------------	--


Type of Clearance: VFR

Type of Airspace: Class D

Weather Information

Source of Wx Information:

No record of briefing

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: MIA98LA012
	Occurrence Date: 10/17/1997
	Occurrence Type: Accident

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
PMP	0949	EDT	21 Ft. MSL	1 NM	320 Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			6000 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None		0 Ft. AGL	Visibility: 10 SM	Altimeter: 29.00 "Hg	
Temperature: 28 °C	Dew Point: 21 °C	Weather Conditions at Accident Site: Visual Conditions			
Wind Direction: Variable		Wind Speed: Calm		Wind Gusts:	
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM				
Precip and/or Obscuration:					

Accident Information		
Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot				1	1
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				2	2
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	2	2

National Transportation Safety Board

FACTUAL REPORT

AVIATION



NTSB ID: MIA98LA012

Occurrence Date: 10/17/1997

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

JEFFREY L. KENNEDY

Additional Persons Participating in This Accident/Incident Investigation:

JOE MASTRO

FORT LAUDERDALE, FL