



National Transportation Safety Board Aviation Accident Data Summary

Location:	PUNTA GORDA, FL	Accident Number:	MIA94LA033
Date & Time:	12/02/1993, 1550 EST	Registration:	N6053K
Aircraft:	CESSNA 150M	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE AIRPLANE EXPERIENCED A LOSS OF ENGINE POWER WHILE ON FINAL APPROACH FOR LANDING. THE PILOT MADE A FORCED LANDING AND THE AIRPLANE NOSED OVER ON LANDING ROLLOUT. THE PILOT STATED ON BASE LEG THE CARBURETOR HEAT WAS TURNED ON. THE ENGINE STARTED SPATTERING ON FINAL APPROACH, POWER WAS INCREASED, AND THE CARBURETOR HEAT WAS TURNED OFF, ON, AND THE ENGINE QUIT. REVIEW OF THE PROBABILITY ICING CHART REVEALED THE ENGINE WOULD ENCOUNTER SERIOUS ICING AT GLIDE POWER BASED ON THE WEATHER OBSERVATION AT THE TIME OF THE ACCIDENT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT-IN-COMMAND'S IMPROPER USE OF CARBURETOR HEAT DURING A VFR APPROACH FOR LANDING. THIS RESULTED IN A LOSS OF ENGINE POWER DUE TO FUEL SYSTEM CARBURETOR ICING.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. FUEL SYSTEM,CARBURETOR - ICE
3. (C) CARBURETOR HEAT - IMPROPER USE OF - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE OVER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Student	Age:	28
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	45 hours (Total, all aircraft), 45 hours (Total, this make and model), 16 hours (Pilot In Command, all aircraft), 45 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6053K
Model/Series:	150M 150M	Engines:	1 Reciprocating
Operator:	PROFESSIONAL AVIATION	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200A
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FMY, 24 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 50°
Temperature:	26 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	OKEECHOBEE, FL (OBE)	Destination:	

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):	CARROL A SMITH	Adopted Date:	09/13/1994
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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