



National Transportation Safety Board Aviation Incident Data Summary

Location:	DESTIN, FL	Incident Number:	MIA92IA075
Date & Time:	02/01/1992, 1120 CST	Registration:	N7909W
Aircraft:	PIPER PA-28-180	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT STARTED THE ENG & LEFT THE AUX FUEL BOOST PUMP ON. WHILE TAXIING TO TAKE OFF, THE ENG QUIT. THE PLT ATTEMPTED TO START THE ENG BUT OBSERVED FLAMES FROM THE FRONT OF THE ENG COWLING. THE PLT & PAX EXITED THE ACFT BUT THE PLT LEFT THE MASTER & AUXILIARY FUEL BOOST PUMP SWITCHES ON, WHICH CONTINUED TO FEED FUEL TO THE FIRE. THE FIRE WAS EXTINGUISHED AFTER THE MASTER SWITCH WAS TURNED OFF & CHEMICAL APPLIED TO THE FIRE. ACCORDING TO AN INDIVIDUAL WHO EXAMINED THE ACFT, IN HIS OPINION, THE PLT FLOODED THE ENG WHILE ATTEMPTING TO RESTART IT, & DUE TO THE EXCESS FUEL, THE ENG BACKFIRED & THE EXCESS FUEL CAUGHT FIRE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this incident to be:
IMPROPER PROCEDURES/DIRECTIVES BY THE PILOT-IN-COMMAND WHILE ATTEMPTING TO RESTART THE ENGINE, RESULTING IN THE ENGINE COMPARTMENT FIRE.

Findings

Occurrence #1: FIRE
Phase of Operation: STANDING - STARTING ENGINE(S)

Findings
1. (C) PROCEDURES/DIRECTIVES - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	51
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	793 hours (Total, all aircraft), 90 hours (Total, this make and model), 694 hours (Pilot In Command, all aircraft), 36 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N7909W
Model/Series:	PA-28-180 PA-28-180	Engines:	1 Reciprocating
Operator:	BARBREE, B.J. & MICHELLE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360-A1A
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 320°
Temperature:	16° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	DESTIN-FORT WALTON BEACH (81J)	Runway Surface Type:	N/A
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Minor
Passenger Injuries:	2 None	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	Timothy W Monville	Adopted Date:	05/26/1993
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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