



Aviation Investigation Final Report

Location:	RANGELEY, Maine	Accident Number:	NYC91LA231
Date & Time:	September 8, 1991, 14:30 Local	Registration:	N95123
Aircraft:	TAYLORCRAFT BC/2D	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT INITIATED A TAKEOFF ON A 3 MILES LONG LAKE WITH 2/3S OF IT BEHIND HIM. ONCE AIRBORNE, HE WAS UNABLE TO OUTCLIMB THE TERRAIN AND STRUCK TREES.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: IMPROPER TAKEOFF PLANNING BY THE PILOT WHICH RESULTED IN AN INFLIGHT COLLISION WITH TREES DURING INITIAL CLIMB. A FACTOR RELATED TO THE ACCIDENT WAS THE PILOT'S DECISION NOT TO USE THE FULL LAKE SURFACE AVAILABLE FOR TAKEOFF.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - IMPROPER - PILOT IN COMMAND
2. (C) ALL AVAILABLE RUNWAY - NOT USED - PILOT IN COMMAND
3. (C) PROPER CLIMB RATE - NOT ATTAINED - PILOT IN COMMAND
4. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	47, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	November 30, 1990
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	3000 hours (Total, all aircraft), 50 hours (Total, this make and model), 2950 hours (Pilot In Command, all aircraft), 90 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	TAYLORCRAFT	Registration:	N95123
Model/Series:	BC/2D BC/2D	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	9523
Landing Gear Type:	Float	Seats:	2
Date/Type of Last Inspection:	August 2, 1991 Annual	Certified Max Gross Wt.:	1220 lbs
Time Since Last Inspection:	30 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	939 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	C-85-12
Registered Owner:	GEORGE S COY	Rated Power:	85 Horsepower
Operator:	GEORGE S COY	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Scattered / 4500 ft AGL	Visibility	30 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots / 15 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	360°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		Type of Flight Plan Filed:	None
Destination:	COLCHESTER , VT	Type of Clearance:	None
Departure Time:	14:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	RANGLEY 88B	Runway Surface Type:	Water
Airport Elevation:	1518 ft msl	Runway Surface Condition:	
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	15000 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor, 1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Hancock, Robert
Additional Participating Persons:	SANDY TAYLOR; PORTLAND , ME
Original Publish Date:	April 27, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=37007

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