



AVIATION



HIGHWAY



MARINE



RAILROAD



PIPELINE

Aviation Investigation Final Report

Location:	Chateaugay, New York	Accident Number:	GAA18CA561
Date & Time:	July 19, 2018, 14:45 Local	Registration:	N791YE
Aircraft:	APOLLO AIRCRAFT INC Fox	Aircraft Damage:	Substantial
Defining Event:	Landing area overshoot	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, while landing on a 1,300-ft-long private grass airstrip, the airplane floated and would not settle in the grass. Subsequently, he performed a go-around, but the airplane struck trees beyond the departure end of the runway and then impacted terrain.

The airplane sustained substantial damage to both wings and the rudder.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

The automated weather observation system about 23 nautical miles from the accident site reported that, about the time of the accident, the wind was from 290° at 5 knots. The pilot stated that the weather conditions reported at the departure airport about 18 miles to the east, about the time of the accident, were wind from 300° at 3 to 7 knots. The pilot landed to the east.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to maintain clearance from trees during a go-around.

Findings

Aircraft	Altitude - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Tree(s) - Effect on operation

Factual Information

History of Flight

Landing	Landing area overshoot (Defining event)
Approach-VFR go-around	Miscellaneous/other
Approach-VFR go-around	Controlled flight into terr/obj (CFIT)

Pilot Information

Certificate:	Private	Age:	56,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	August 25, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 28, 2017
Flight Time:	(Estimated) 665 hours (Total, all aircraft), 13 hours (Total, this make and model), 25 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	APOLLO AIRCRAFT INC	Registration:	N791YE
Model/Series:	Fox	Aircraft Category:	Airplane
Year of Manufacture:	2008	Amateur Built:	
Airworthiness Certificate:	Experimental light sport (Special)	Serial Number:	00005
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	May 18, 2018 Annual	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1068 Hrs at time of accident	Engine Manufacturer:	Rotax
ELT:	Installed, not activated	Engine Model/Series:	912uls
Registered Owner:		Rated Power:	100 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	CWIT, 174 ft msl	Distance from Accident Site:	23 Nautical Miles
Observation Time:	18:00 Local	Direction from Accident Site:	45°
Lowest Cloud Condition:	Clear	Visibility	
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	290°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:		Temperature/Dew Point:	25°C / 10°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Malone, NY (MAL)	Type of Flight Plan Filed:	None
Destination:	Chateaugay, NY	Type of Clearance:	None
Departure Time:	14:30 Local	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	44.9197,-74.079154(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Wally Gordon-Tennant; FAA; Albany, NY
Original Publish Date:	March 18, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98325

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).