



Aviation Investigation Final Report

Location:	Suffolk, Virginia	Accident Number:	GAA18CA251
Date & Time:	April 16, 2018, 21:30 Local	Registration:	N4464S
Aircraft:	Beech 95 B55	Aircraft Damage:	Substantial
Defining Event:	Landing gear collapse	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot in the retractable-landing gear-equipped airplane reported that, during the flight, his GPS had fallen from its mount and that the antenna cable became wrapped around the landing gear switch. Before landing, the pilot applied aft pressure to the yoke to enter the flare, and the antenna cable moved the landing gear switch to the retract position. The airplane landed with the landing gear retracted and skidded to a stop on the runway.

The airplane sustained substantial damage to the fuselage longerons and stringers and the wing-spar carry-through.

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

Probable Cause and Findings

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

The pilot's failure to properly secure the portable GPS and antenna cable, which resulted in the inadvertent landing gear retraction during landing.

Findings

Aircraft	Landing gear selector - Unintentional use/operation
Personnel issues	Use of equip/system - Pilot
Aircraft	(general) - Not specified

Factual Information

History of Flight

Enroute	Miscellaneous/other
Landing-landing roll	Landing gear not configured
Landing-landing roll	Landing gear collapse (Defining event)

Pilot Information

Certificate:	Airline transport	Age:	62, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	Seat Occupied:	Front
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Lap only
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 3 With waivers/limitations	Last FAA Medical Exam:	April 11, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	December 6, 2007
Flight Time:	(Estimated) 26200 hours (Total, all aircraft), 530 hours (Total, this make and model), 25550 hours (Pilot In Command, all aircraft), 58 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N4464S
Model/Series:	95 B55 T42A	Aircraft Category:	Airplane
Year of Manufacture:	1975	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	TC-1878
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	April 12, 2017 Annual	Certified Max Gross Wt.:	5300 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	8042.6 Hrs as of last inspection	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	IO-470 L
Registered Owner:	MOOSEHEAD AVIATION INC.	Rated Power:	260 Horsepower
Operator:	MOOSEHEAD AVIATION INC.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KSFQ,72 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	22:15 Local	Direction from Accident Site:	247°
Lowest Cloud Condition:	Scattered / 6000 ft AGL	Visibility	10 miles
Lowest Ceiling:	Overcast / 8000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	8 knots / 14 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	260°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.65 inches Hg	Temperature/Dew Point:	16°C / 5°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	ORLANDO, FL (ISM)	Type of Flight Plan Filed:	None
Destination:	Suffolk, VA (SFQ)	Type of Clearance:	None
Departure Time:	14:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	SUFFOLK EXECUTIVE SFQ	Runway Surface Type:	Asphalt
Airport Elevation:	70 ft msl	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	3750 ft / 100 ft	VFR Approach/Landing:	Full stop;Traffic pattern

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:	36.682777,-76.599723(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	Malcolm Folsom; FAA; Richmond, VA
Original Publish Date:	October 24, 2018
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97167

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