



Aviation Investigation Final Report

Location:	SPRUCE PINE, North Carolina	Accident Number:	ATL93LA163
Date & Time:	September 26, 1993, 11:00 Local	Registration:	N2528D
Aircraft:	AEROSPATIALE TB21	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT WAS ATTEMPTING TO LAND ON THE DOWNSLOPING RUNWAY WHEN HE REALIZED THAT THE AIRPLANE WOULD NOT STOP ON THE AVAILABLE RUNWAY. THE PILOT ATTEMPTED A GO AROUND WHILE FLAPS WERE FULLY EXTENDED THE AIRPLANE COLLIDED WITH TREES APPROXIMATELY 300 FEET FROM THE DEPARTURE END OF THE RUNWAY AND SETTLED UPRIGHT IN A NEARBY FIELD.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S INADEQUATE INFLIGHT DECISION IN DELAYING A GO-AROUND ATTEMPT AND IN ATTEMPTING A GO AROUND WITH FULL FLAP EXTENSION.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: LANDING - ABORTED

Findings

1. (C) IN-FLIGHT PLANNING/DECISION - INADEQUATE - PILOT IN COMMAND
 2. (C) RAISING OF FLAPS - DELAYED - PILOT IN COMMAND
 3. (C) GO-AROUND - DELAYED - PILOT IN COMMAND
 4. OBJECT - TREE(S)
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: GO-AROUND (VFR)

Factual Information

On September 26, 1993, at 1100 eastern daylight time, an Aerospatiale TB21, N2528D, collided with trees during an aborted landing attempt at Avery County Airport, Spruce Pine, North Carolina. The personal flight operated under 14 CFR Part 91 with no flight plan filed. Visual weather conditions prevailed at the time of the accident. The airplane was destroyed and the occupants on board the airplane were not injured. The flight departed Asheville, North Carolina, at 1030 hours.

According to the pilot, both wind socks, one located on each end of the runway showed the winds as calm. Therefore, he elected to land on runway 16 which sloped down 43 feet from the approach end to the departure end. When the airplane touched down on the first third of the runway, the pilot realized that he would not have sufficient runway to stop the airplane. At this point, he elected to abort the landing attempt and climb. The airplane collided with trees about 300 yards from the departure end of runway 16. There were no mechanical problems reported with the airplane. The pilot attempted a climb out before full landing flaps were retracted.

Pilot Information

Certificate:	Private	Age:	58, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	July 23, 1992
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	715 hours (Total, all aircraft), 110 hours (Total, this make and model), 605 hours (Pilot In Command, all aircraft), 62 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AEROSPATIALE	Registration:	N2528D
Model/Series:	TB21 TB21	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	861
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	September 12, 1993 100 hour	Certified Max Gross Wt.:	3086 lbs
Time Since Last Inspection:	20 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	360 Hrs	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	TIO-540-AB1AD
Registered Owner:	LIPSON AVIATION INC.,	Rated Power:	250 Horsepower
Operator:		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:	AVL ,2165 ft msl	Distance from Accident Site:	35 Nautical Miles
Observation Time:	10:50 Local	Direction from Accident Site:	220°
Lowest Cloud Condition:	Scattered / 10000 ft AGL	Visibility	12 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	24°C / 17°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	ASHEVILLE , NC (AVL)	Type of Flight Plan Filed:	None
Destination:	(7A8)	Type of Clearance:	None
Departure Time:	10:25 Local	Type of Airspace:	Class G

Airport Information

Airport:	AVERY MORRIS AIRPORT 7A8	Runway Surface Type:	Asphalt
Airport Elevation:	2400 ft msl	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	3000 ft / 60 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Destroyed
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	35.909389,-82.060729(est)

Administrative Information

Investigator In Charge (IIC):	Powell, Phillip
Additional Participating Persons:	JANE LAMBERT; WINSTON SALEM , NC
Original Publish Date:	August 17, 1994
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=3267

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