

## **Piston Beechcraft Accidents 2023**

**End of Year Summary version 1 January 11, 2024**

Additional updates will be reported as new information comes in

Official information from FAA and NTSB sources (unless otherwise noted). Editorial comments (contained in parentheses), year-to-date summary and closing comments are those of the author. All information is preliminary and subject to change. Comments are meant solely to enhance flying safety. Please use these reports to help you more accurately evaluate the potential risks when you make your own decisions about how and when to fly.

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### **New NTSB reports this update**

**12/10 [Double-fatality A23-24 Super III attempt to return to the runway with engine failure immediately after takeoff at Oklahoma City, Oklahoma.](#)**

**12/17 [Double serious injury B36TC apparent engine fire immediately after takeoff](#) at Burnet, Texas.** Although preliminary reports are that smoke was visible from the airplane immediately after liftoff, that is not uncommon if the fuel flow has been set excessively rich as is sometimes done in the field, and the airplane burned extensively after impact, it's not yet clear if there was a fire in flight. The pilot, however, reports power loss after takeoff, so change "Takeoff/Unknown" to "Engine failure immediately after takeoff."

**2023 SUMMARY:** Reported Beechcraft piston mishaps, 2023:

Total reported: 151 reports

#### **Environment**

Operation in VMC: 87 reports

Operation in IMC: 3 reports

Weather "unknown" or "not reported": 61 reports

Operation at night: 10 reports

#### **Most Serious Injury**

"Serious" injury accidents (not involving fatalities): 7 reports

Fatal accidents: 17 reports

#### **Aircraft damage**

"Substantial" damage: 29 reports

Aircraft "destroyed": 25 reports

**BONANZA/BARON Series:** 128 reports

#### By Aircraft Type

Be35 Bonanza 43 reports

Be36 Bonanza 32 reports

Be33 Debonair/Bonanza 17 reports

Be55 Baron 15 reports

Be58 Baron 12 reports

Be95 Travel Air 8 reports

#### Environment

Operation in VMC: 66 reports

Operation in IMC: 2 reports

Weather “unknown” or “not reported”: 61 reports

Operation at night: 9 reports

#### Most Serious Injury

“Serious” injury accidents (not involving fatalities): 5 reports

Fatal accidents: 15 reports

#### Aircraft damage

“Substantial” damage: 22 reports

Aircraft “destroyed”: 22 reports

**PRELIMINARY DETERMINATION OF CAUSE** (all subject to update per official findings):

#### **FATAL and SERIOUS INJURY EVENTS 19 reports**

##### **Loss of control 7 reports**

Loss of control during initial climb 2 reports (Be35; Be36)

Loss of control in flight 2 reports (Be33; Be35)

Loss of control in flight/vertical impact 1 report (Be36)

Loss of control on final approach/landing 1 report (Be36)

Loss of control in flight/multiengine instruction 1 report (Be95)

##### **Engine failure in flight 6 reports**

Engine failure in flight 1 report (Be35)

Catastrophic engine failure in flight 1 report (Be36)

Fuel exhaustion 1 report (Be33)

Fuel starvation on final approach 1 report (Be35)

Engine failure on approach/landing 1 report (Be35)

Engine failure immediately after takeoff 1 report (Be36)

##### **Miscellaneous 7 reports**

Takeoff/unknown 1 report (Be58)

Cruise/unknown 1 report (Be36s)

Controlled flight into terrain 1 report (Be35)

Pilot struck by propeller/exited airplane with engine running 1 report (Be33)

Struck airport employee near the runway during landing 1 report (Be36)

#### **OTHER EVENTS 110 reports**

### **Landing gear related mishaps 54 reports**

Gear collapse during landing 23 reports (three Be33s; nine Be35s; five Be36s; three Be55s; two Be58s)  
Gear up landing 22 reports (two Be33s; eight Be35s; foive Be36s; two Be55s; three Be58s; two Be95s)  
Gear collapse on landing/electrical failure in flight 2 reports (Be33; Be36)  
Gear collapse during takeoff 1 report (Be35)  
Gear collapse/mechanical gear failure 1 report (Be36)  
Landed with gear partially extended 1 report (Be35)  
Gear up landing following electrical failure 1 report (Be35)  
Inadvertent gear retraction during a touch and go 1 report (Be36)  
Pilot inadvertently retracted gear during landing roll 1 report (Be35)  
Electrical fire in flight/gear collapse during landing 1 report (Be58)

### **Engine Failure 26 reports**

Engine failure in flight 13 reports (Be33; six Be35s; five Be36s; Be55)  
Catastrophic engine failure in flight 4 reports (Be33; Be35; Be36; Be58)  
Engine failure during approach/landing 2 reports (both Be35)  
Fuel starvation 2 reports (both Be33s)  
Engine failure during/shortly after takeoff 1 report (Be33)  
Engine failure during attempted go-around 1 report (Be35)  
Catastrophic oil loss: failure of air/oil separator 1 report (Be35)  
Precautionary landing in a field/low fuel 1 report (Be95)  
Propeller damage in flight 1 report (Be55)

### **Miscellaneous 19 reports**

Bird strike 4 reports (Be35; Be36; two Be55s)  
Ground collision during 'formation' taxi 2 reports (Be36 and Be35)  
Loss of directional control during takeoff 2 reports (Be36; Be95)  
Electrical fire in flight 1 report (Be33)  
Cockpit fire in flight/off-airport landing 1 report (Be36)  
Turbulence encounter en route 1 report (Be58)  
Aborted takeoff/runway overrun 1 report (Be55)  
Landed long 1 report (Be58)  
Blown tire on landing 1 report (Be35)  
Loss of control during new autopilot testing 1 report (Be35)  
Taxiway excursion/taxi into obstructions 1 report (Be55)  
Rudder oscillation/windshield separation 1 report (Be95)  
Collision with obstacle during taxi 1 report (Be58)  
Took off with tow bar attached 1 report (Be55)

### **Impact During Landing 10 reports**

Loss of directional control during landing 3 reports (Be33; Be35; Be55)  
Struck object/animal during landing 1 report (Be95)  
Landed long/runway overrun 1 report (Be55)  
Loss of control during landing/strong surface winds 1 report (Be35)  
Landed short 1 report (Be33)  
Hard landing 1 report (Be36)  
Collision with obstacles/terrain during go-around 1 report (Be58)  
Landing/unknown 1 report (Be35)

## **Unknown**

Crash/unknown 1 report (Be55)

## **BEECH AERO CLUB Series: 21 reports**

By Aircraft Type

Be23 Musketeer/Sundowner 14 reports

Be24 Sierra 3 reports

Be19 Sport 2 reports

Be76 Duchess 1 report

Be77 Skipper 1 report

## **Environment**

Operation in VMC: 18 reports

Operation in IMC: 1 report

Weather “unknown” or “not reported”: 2 reports

Operation at night: 1 report

## **Most Serious Injury**

“Serious” injury accidents (not involving fatalities): 2 reports

Fatal accidents: 2 reports

## **Aircraft damage**

“Substantial” damage: 6 reports

Aircraft “destroyed”: 3 reports

## **PRELIMINARY DETERMINATION OF CAUSE (all subject to update per official findings):**

### **FATAL and SERIOUS INJURY EVENTS 3 reports**

Collision with obstacle during initial climb 1 report (Be23)

Loss of directional control during go-around 1 report (Be23)

Controlled Flight into Terrain/Descent Below Minimums during IFR approach 1 report (Be23)

Engine failure in initial climb 1 report (Be23)

### **OTHER EVENTS 17 reports**

#### **Engine failure 8 reports**

Engine failure immediately after takeoff 2 reports (Be19; Be77)

Engine failure in flight 3 reports (Be19; Be23; Be24)

Engine failure during landing 1 report (Be23)

Engine failure during go-around 1 report (Be23)

Engine failure during departure/touch and go 1 report (Be24)

Loss of directional control during landing 2 reports (both Be23)

Gear collapse during touch and go 1 report (Be76)

Porpoised on landing/propeller strike/gear collapse 1 report (Be23)

Struck by another aircraft while parked and unoccupied 1 report (Be23)

Wing fire during fueling 1 report (Be23)

Blown tire on landing 1 report (Be24)

Hard landing 1 report (Be23)  
Control malfunction in flight 1 report (Be23)

**MISCELLANEOUS Models: 5 reports**

**Environment**

Operation in VMC: 3 reports  
Operation in IMC: 0 reports  
Weather “unknown” or “not reported”: 2 reports  
Operation at night: 0 reports

**Most Serious Injury**

“Serious” injury accidents (not involving fatalities): 0 reports  
Fatal accidents: 0 reports

**Aircraft damage**

“Substantial” damage: 1 reports  
Aircraft “destroyed”: 0 reports

**PRELIMINARY DETERMINATION OF CAUSE** (all subject to update per official findings):

**FATAL and SERIOUS INJURY EVENTS** 0 reports

**OTHER EVENTS** 5 reports

Landed long/runway overrun 2 reports (both Be60s)

Gear collapse during landing 2 reports (Be17; Be45)

Struck object/animal during landing 1 report (Be50)

Recognize an N-number? Want to check on friends or family that may have been involved in a cited mishap? Click here to find the registered owner. Please accept my sincere personal condolences if you or anyone you know was involved in a mishap. I welcome your comments, suggestions and criticisms.

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