

Piston Beechcraft Accidents 2017 End-of-Year Report v2

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. © 2017 Mastery Flight Training, Inc. All Rights Reserved

THE WEEKLY ACCIDENT UPDATE IS AN INDEPENDENT PRODUCT OF MASTERY FLIGHT TRAINING, INC.

New reports this week

There are no newly posted FAA preliminary reports this period.

New NTSB reports this week

Events previously reported in the Weekly Accident Update

12/20 fatal G35 loss of control near Cross City, Florida, while attempting visual flight in night IMC. The detailed preliminary report shows maneuvers that represent several possible decision points the pilot encountered before losing control. change "Crash/unknown" to "Loss of Control In-Flight: Attempted visual flight in IMC", and add "IMC" and "Night".

2017 SUMMARY: Reported Beechcraft piston mishaps, 2017:

Total reported: 136 reports

Environment: (Note: FAA preliminary reports no longer report weather conditions)

Operation in VMC: 79 reports

Operation in IMC: 3 reports

Weather "unknown" or "not reported": 55 reports

Operation at night: 13 reports

Most Serious Injury

Fatal accidents: 19 reports

"Serious" injury accidents (not involving fatalities): 5 reports

Aircraft damage

"Substantial" damage: 26 reports

Aircraft "destroyed": 25 reports

By Aircraft Type

Be35 Bonanza 30 reports

Be36 Bonanza 25 reports

Be55 Baron 18 reports

Be33 Bonanza/Debonair 14 reports

Be58 Baron 14 reports

Be23 Musketeer/Sundowner/Custom III 8 reports

Be76 Duchess 6 reports

Be19 Sport 5 reports

Be24 Sierra 4 reports

Be17 Staggering 3 reports

Be18 Twin Beech 3 reports

Be45 (T-34) Mentor 3 reports

Be95 Travel Air 3 reports

Be60 Duke 2 reports
Be77 Skipper 1 report

PRELIMINARY DETERMINATION OF CAUSE

(all subject to update per official findings):

Landing gear-related mishaps (54 reports; 40% of total reports)

Gear collapse during landing

22 reports (Be17; two Be18s; Be24; two Be33s; four Be35s; four Be36s; two Be45s; four Be55s; two Be58s; Be60; Be95)

Gear up landing

19 reports (two Be24s; two Be33s; five Be35s; two Be36s; Be55; three Be58s; three Be76s; Be95)

Landing gear collapse during landing//known mechanical failure

3 reports (Be50; two Be55s)

Gear up landing/known mechanical failure

3 reports (two Be55s; Be76)

Gear up landing or gear collapse/alternator/electrical failure

2 reports (Be35; Be58)

Gear collapse during taxi 1 report (Be55)

Gear collapse during touch-and-go 1 report (Be55)

Gear collapse on the ground 1 report (Be36)

Nosewheel separation after takeoff 1 report (Be36)

Engine failure (27 reports; 20% of total reports)

Engine failure in flight

6 reports (Be17; Be19; two Be33s; two Be36s)

Engine failure during approach/landing

6 reports (Be23; Be33; Be35; two Be36s; Be95)

Engine failure during takeoff/initial climb

6 reports (Be23; Be24; Be35; three Be36s)

Catastrophic engine failure in flight

4 reports (two Be33s; Be35; Be36)

Partial power loss immediately after takeoff

2 reports (Be35; Be36)

Engine failure immediately after takeoff/multiengine aircraft

2 reports (Be55; Be58)

Engine failure during missed approach in IMC 1 report (Be18)

Fuel starvation 1 report (Be35)

Impact during landing (21 reports; 15% of total reports)

Loss of directional control during landing

5 reports (Be33; Be35; two Be55s; Be58)

Landed long/runway overrun
4 reports (two Be23s; Be35; Be76)

Landed short/Collision with obstacle on final approach
5 reports (Be33; two Be35s; Be36; Be45)

Collision with animal on runway
2 reports (Be35; Be36)

Loss of directional control during landing/Snow/Ice 1 report (Be58)

Collision with obstacle on runway 1 report (Be58)

Hard landing 1 report (Be19)

Propeller strike during landing 1 report (Be33)

Landing/unknown 1 report (Be23)

Miscellaneous (13 reports: 10% of total reports)

Bird strike
5 reports (Be33; two Be35s; Be55; Be58)

Taxi into object/another aircraft
2 reports (Be19; Be76)

Taxiway excursion
2 reports (both Be58s)

Autopilot/trim/control system malfunction 1 report (Be36)

Fixed landing gear failure during landing 1 report (Be19)

Fire in flight (system unknown) 1 report (Be36)

Impact during takeoff (7 reports; 5% of total reports)

Loss of directional control during takeoff
3 reports (Be35; two Be55s)

Runway overrun/failure to climb during takeoff
2 reports (Be23; Be36)

Takeoff/Unknown
2 reports (Be23; Be35)

Stall/Spin/Loss of Control In Flight (4 reports; 2% of total reports)

Loss of control/Attempted visual flight in IMC
2 reports (Be35; Be36)

Stall/spin/loss of control in flight during multiengine training 1 report (Be60)

Stall/spin/loss of control during low speed practice 1 report (Be35)

Controlled Flight into Terrain (1 report)

Controlled Flight into Terrain/Mountainous/Rapidly Rising Terrain 1 report (Be19)

Unknown (14 reports)

Crash/Unknown

6 reports (Be17; Be23; Be35; Be36; Be55; Be58)

Forced landing/unknown

5 reports (Be33; two Be35s; Be36; Be77)

Runway excursion/unknown 1 report (Be35)

Approach/unknown 1 report (Be36)

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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