



Aircraft Overview:

The Diamond DA20 is a two-seat tricycle gear general aviation aircraft designed for flight training. In addition to its role as a civil and military training aircraft, it is also used for personal flying by pilot-owners.

The first DA20 was the Rotax 912 powered A1 Katana produced in Canada in 1994. It was the first Diamond aircraft available for sale in North America.

The DA-20 possesses a higher glide ratio than many of its competitors. The glide ratio of the DA20-C1 is 11:1 and the DA20-A1 is 14:1. The higher glide ratio is a significant advantage in the event of an engine failure as it allows the aircraft to reach a greater number of potential landing areas from the same altitude.

Specifications:

- **Primary Function:** Initial Screening Trainer
- **Length:** 23.6 ft
- **Height:** 7.2 ft
- **Wingspan:** 35.8 ft
- **Maximum Takeoff Weight:** 1764 lbs
- **Max Speed:** 164 Knots Indicated
- **Glide Ratio:** 11:1
- **Ceiling:** 13,120 ft
- **Max Positive G Limit:** +4.4 (at maneuvering airspeed)
- **Max Negative G Limit:** -2.2 (at maneuvering airspeed)
- **Range:** 623 miles
- **Armament:** None
- **Crew:** Two (student pilot and instructor pilot)
- **Date Deployed:** Oct 2006
- **Inventory:** 44