

Beechcraft B19 Sport Model Guide

The Beechcraft B19 Sport is a single-engine piston aircraft built from 1966 to 1979 and formerly called the Musketeer. The registry lists 2 to 4 seats, but a 1973 article calls it two-place. Its list price then was \$15,975. The documents give no variant-specific performance figures, so confirm those in the airplane's own POH.

KEY TAKEAWAYS

- Lycoming O-320-series piston single, built 1966 to 1979. The 1973 list price was \$15,975, against \$11,340 for a Cessna 150.
- Usable fuel is 26 gal per tank on lower-serial examples and 28.6 gal on later ones. Check which applies to the airplane you are looking at.
- Six listed examples have empty weights from 1,486.6 to 1,515 lbs (Oct 2017). Use the individual airplane's own weighing.
- The documents give only family-level performance: up to 115 kt cruise and 1200 nm range. Verify against the airplane's POH.

1973 MODEL-YEAR CHANGES

The 1973 Sport, Sundowner and Sierra got lighter control response (column forces cut by approximately 50% by changing the stabilator tab linkage from 1 to 1.65 to 1 to 1). They also got a lowered instrument panel, touch-coded quadrant controls as standard, an extended oil filler with a bale-type dipstick, and inertia-reel shoulder harnesses for the front seats. Check which of these an older airplane has.

WEIGHT AND BALANCE

Empty weights for six Sports run 1,486.6 to 1,515 lbs, with empty moments of 165,600 to 167,079. Listed arms are 110 for pilot and co-pilot, 117 for fuel (6 lbs per gal) and 142 for baggage. Seat position varies from 104 to 112 or 105 to 112, depending on the airplane. Unusable fuel is already included in empty weight, so work from usable fuel only.

PARTS AND APPROVALS

The vacuum pump guide lists the B19 Sport with a Lycoming O-320E: pump 211CC when overhauled, RA215CC when new. The Tempest spin-on oil filter listed for the B19 Sport (O-320) is AA48110. The B19 appears on EASA Approved Model List 10055051 Rev. 1 (FLARM Technology GmbH) under US A1CE. The parts guide says to confirm eligibility against the Type Certificate IPC.

SPECIFICATIONS

Engine Model	Lycoming O-320E
Fuel Capacity Per Tank Gal	29.9
Usable Fuel Per Tank Early Gal	26
Usable Fuel Per Tank Later Gal	28.6
Unusable Fuel Total Early Gal	7.8
Unusable Fuel Total Later Gal	2.6

PERFORMANCE

Family Max Range Nm	1200
Family Max Cruise Speed Kt	115
Family Max Service Ceiling Ft	13500

WEIGHT & BALANCE

Empty Weight Min Lbs	1486.6
Empty Weight Max Lbs	1515
Pilot Arm	110
Fuel Arm	117
Baggage Arm	142
Fuel Weight Lbs Per Gal	6

SAFETY NOTES

- NTSB recommendations A-81-83 and -84 followed a Beechcraft Model B19 crash after takeoff from Kinston, N. Carolina, on June 23, 1980. Get the full text before buying.
- Unusable fuel varies by serial number (7.8 gal total on MB-659 and MB-812, 2.6 gal on MB-831 and later). Use only usable fuel for weight and balance and endurance.
- The parts guides are reference only. Confirm part eligibility for your serial number before ordering.