

Beechcraft®

Bonanza®

V35, V35A and V35B

(D-7977 thru D-9068)

(D-9069 thru D-9947)

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual

FAA Approved in Utility Category based on CAR 3. This document must be carried in the airplane at all times and be kept within reach of the pilot during all flight operations.

This handbook includes the material required to be furnished to the pilot by CAR 3.

NOTICE: This handbook does not apply to models V35TC, V35A-TC, and V35B-TC with turbocharged systems installed per BEECH drawing 35-910028 and/or STC SA 1035WE.

Airplane Serial Number: _____

Airplane Registration Number: _____

FAA Approved: _____

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DOA CE-2

Except as noted above, this handbook supersedes all BEECH published owner's manuals, flight manuals, and check lists issued for this airplane with the exception of FAA Approved Airplane Flight Manual Supplements.

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FUEL CELLS

Either the 44-gallon usable (50-gallon capacity) standard fuel system or the 74-gallon usable (80-gallon capacity) optional fuel system is available. The fuel system consists of a rubber fuel cell in each wing leading edge with a flush type filler cap. A visual measuring tab is attached to the filler neck of the optional system. The bottom of the tab indicates 27 gallons of usable fuel and the detent on the tab indicates 32 gallons of usable fuel in the tank provided the wings are level.

The engine driven fuel injector pump delivers approximately 10 gallons of excess fuel per hour, which bypasses the fuel control and returns to the tank being used. Three fuel drains are provided, one in each fuel sump on the underside of each wing and one in the fuel selector valve inboard of the left wing root. These points should be drained daily before the first flight.

FUEL QUANTITY INDICATION SYSTEM

Fuel quantity is measured by float operated sensors, located in each wing tank system. These transmit

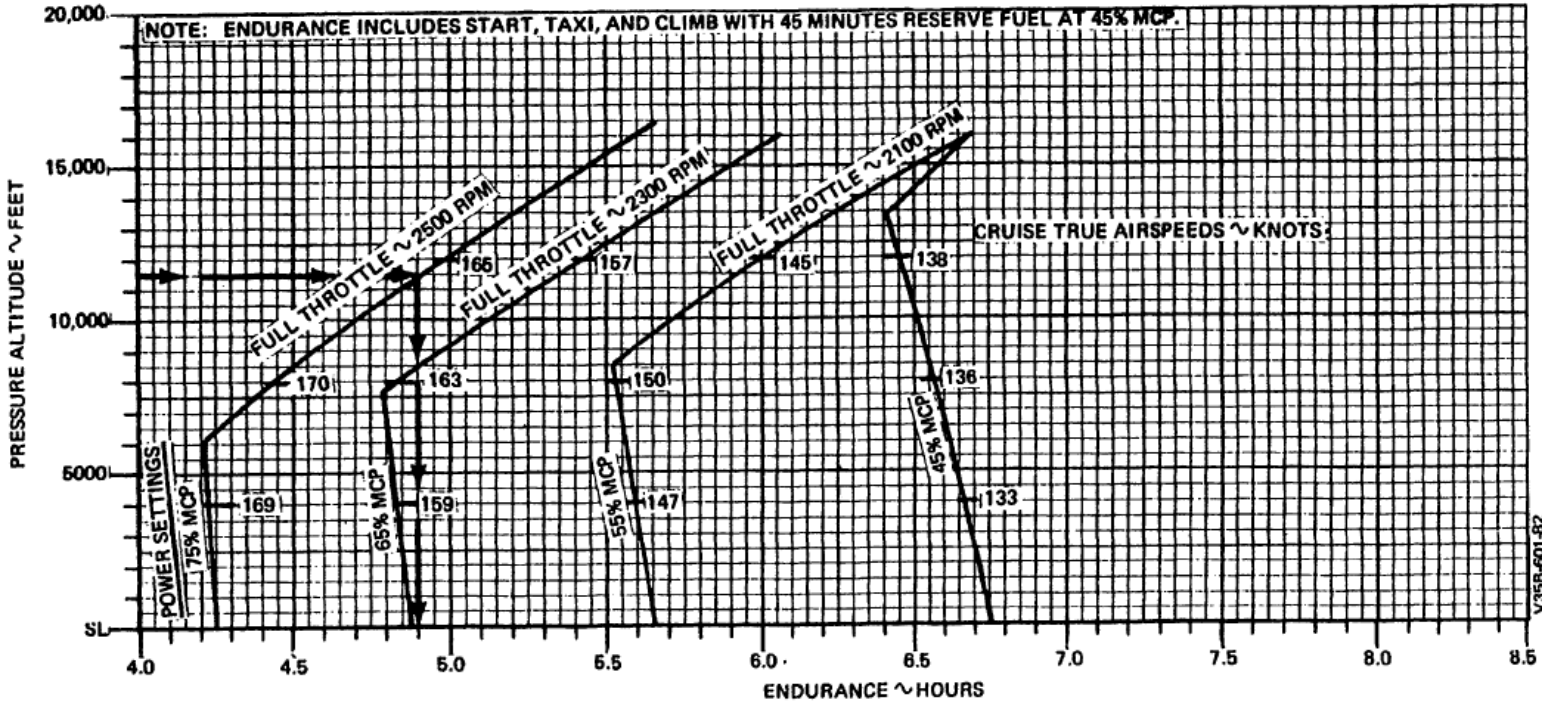
ENDURANCE PROFILE — 74 GALLONS STANDARD DAY (ISA)

ASSOCIATED CONDITIONS:

WEIGHT 3412 LBS BEFORE ENGINE START
 FUEL AVIATION GASOLINE
 FUEL DENSITY 6.0 LBS/GAL
 INITIAL FUEL LOADING 74 U.S. GAL (444 LBS)

EXAMPLE:

PRESSURE ALTITUDE 11,500 FT
 POWER SETTING FULL THROTTLE, 2600 RPM
 ENDURANCE 4.9 HRS (4 HRS 54 MIN)



28-109-601-82
V35B-V