

***AIRSPEED INDICATOR MARKINGS**

MARKING	CAS		IAS		SIGNIFICANCE
	KNOTS	MPH	KNOTS	MPH	
White Arc	52-104	60-120	50-108	58-124	Full Flap Operating Range
Green Arc	62-161	71-185	60-162	69-187	Normal Operating Range
Yellow Arc	161-195	185-225	162-197	187-227	Operate with caution only in smooth air
Red Line	195	225	197	227	Maximum speed for ALL operations

*The Airspeed Indicator is marked in CAS values

Section V Performance

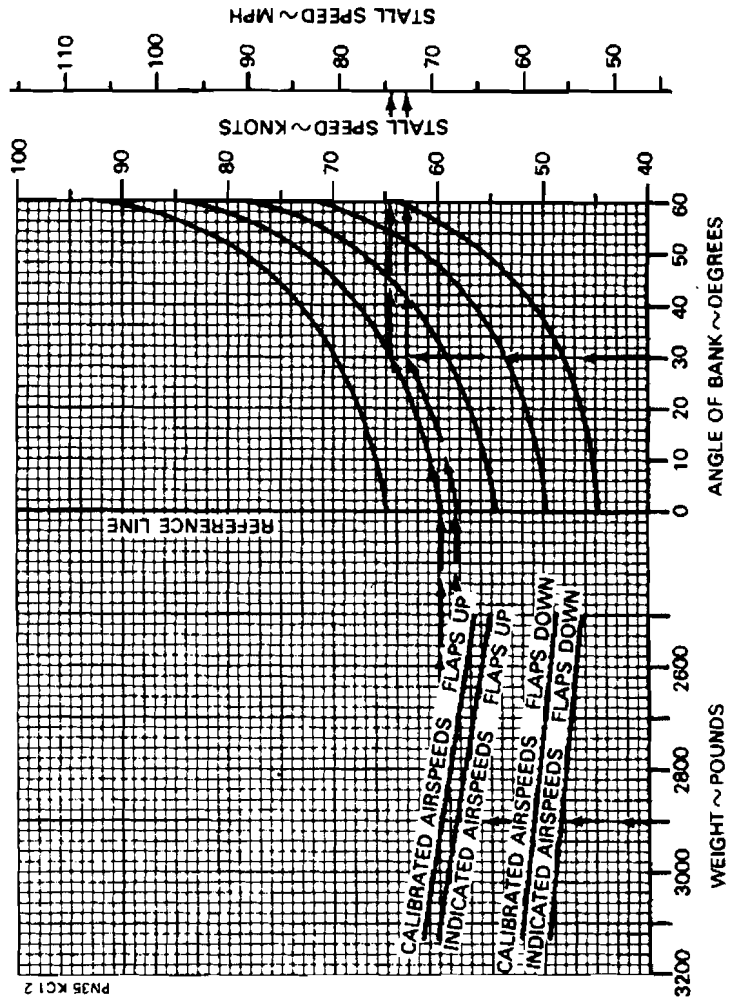
BEECHCRAFT Bonanza N35 and P35

STALL SPEEDS - POWER IDLE

NOTES: 1 THE MAXIMUM ALTITUDE LOSS EXPERIENCED WHILE CONDUCTING STALLS IN ACCORDANCE WITH CAM 3 120 WAS 250 FT

2 A NORMAL STALL RECOVERY TECHNIQUE MAY BE USED

EXAMPLE WEIGHT	2900 LBS
FLAPS	UP
ANGLE OF BANK	30°
STALL SPEED	65 KCAS (75 MPH) 63 KIAS (73 MPH)



● *All airspeeds quoted in this section are indicated airspeeds (IAS).*

AIRSPEDS FOR SAFE OPERATION (3125 LBS)

● Maximum Demonstrated Crosswind Component	17 kts/20 mph
● Takeoff:	
Lift-off	68 kts/78 mph
50-ft Speed	74 kts/85 mph
● Best Angle-of-Climb (V_x)	74 kts/85 mph
Best Rate-of-Climb (V_y)	90 kts/104 mph
Cruise Climb	105 kts/121 mph
Turbulent Air Penetration	130 kts/150 mph
Landing Approach	69 kts/79 mph
Balked Landing Climb	69 kts/79 mph

PREFLIGHT INSPECTION

- 1. CABIN:
 - a. Parking Brake - SET
 - b. Control Lock - REMOVE
 - c. All Switches - OFF
 - d. Emergency Locator Transmitter - ARMED
- 2. RIGHT FUSELAGE:
 - a. Baggage Compartment Door - SECURE
 - b. Static Pressure Button - UNOBSTRUCTED
- 3. EMPENNAGE:
 - a. Control Surfaces - CHECK
 - b. Tie Down - REMOVE
 - c. Position Light - CHECK