

**Section II
Limitations**

**BEECHCRAFT
Baron 58P**

***AIRSPEED INDICATOR MARKINGS**

MARK- ING	CAS VALUE OR RANGE KTS	IAS VALUE OR RANGE KTS	SIGNIFICANCE
White Arc	77-140	78-143	Full Flap Operating Range
White Triangle	175	177	Maximum Flap Approach Posi- tion 15°
Blue Radial	115	115	Single-Engine Best Rate- of-Climb
Red Radial	82	81	Minimum Single-Engine Control (VMCA)
Green Arc	83-195	84-196	Normal Operat- ing Range
Yellow Arc	195-234	196-235	Operate With Caution, Only in Smooth Air
Red Radial	234	235	Maximum Speed For All Operations (Never Exceed)

*The airspeed indicator is marked in IAS values.

POWER PLANT LIMITATIONS

ENGINES

Two Continental TSIO-520-WB six-cylinder, horizontally opposed, fuel-injected, direct-drive, turbocharged engines.

Take-off and Maximum

Continuous Power.....39.5 in. Hg at 2700 rpm

Maximum Normal Operating Power

(TJ-169 thru TJ-241)38.0 in. Hg at 2700 rpm

(TJ-242 and After)39.5 in. Hg at 2600 rpm

Do not lean mixture at power settings above 33 in. Hg and 2400 rpm.

STALL SPEEDS — POWER IDLE

EXAMPLE:

WEIGHT	5686 LBS
FLAPS	15°
ANGLE OF BANK	30°
STALL SPEED	85 KTS CAS 85 KTS IAS

- NOTES:
1. THE ALTITUDE LOSS EXPERIENCED WHILE CONDUCTING STALLS IN ACCORDANCE WITH FAR 23.201 WAS 100 FEET.
 2. NOSE DOWN PITCH ATTITUDE AND ALTITUDE LOSS DURING RECOVERY FROM ONE ENGINE INOPERATIVE STALLS PER FAR 23.205 ARE APPROXIMATELY 10° AND 150 FEET RESPECTIVELY.
 3. A NORMAL STALL RECOVERY TECHNIQUE MAY BE USED

