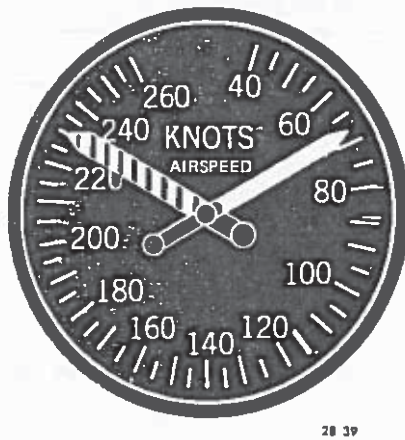


AIRSPEED INDICATOR MARKINGS



MARKING	KCAS	KIAS	SIGNIFICANCE
Red Radial	86	83	Air Minimum Control Speed
White Arc	77-140	75-140	Operating Speed Range with 40° Wing Flaps. Lower limit is maximum weight stalling speed in landing configuration. Upper limit is maximum speed permissible with flaps extended.
Green Arc	82-243	78-246	Normal Operating Range. Lower limit is maximum weight stalling speed with flaps and landing gear retracted. Upper limit is maximum operating speed.
Blue Radial	115	113	Recommended Single-Engine Climb Airspeed.
Red Radial	243	246	Maximum Speed for ALL Operations. Maximum allowable pointer (striped) set at 0.52 Mach with a stop at 243 KIAS maximum.

Figure 2-2. Airspeed Indicator Markings

POWER PLANT LIMITATIONS

Number of Engines: Two.

Engine Manufacturer: Garrett AiResearch.

Engine Model Numbers: TPE331-5-251K (S/N 11350 thru 11542 except 11431)
TPE331-5-252K (S/N 11431, 11543 and Subsequent)

Engine Operating Limits - See Figure 2-3.

CONDITION	ITT °C	RPM PERCENT	SHP	TIME LIMIT	OIL TEMPERATURE °C
TAKEOFF	923	100	717.5	NONE	+55 to +110
MAXIMUM CONTINUOUS	923	100	717.5	NONE	+55 to +110
MAXIMUM CLIMB	923	100	717.5	NONE	+55 to +110
MAXIMUM CRUISE	905	96 to 100	717.5	NONE	+55 to +110

Figure 2-3. Engine Operating Limits (Sheet 1 of 2)