



## Certification basis

CAR 10. Type Certificate No. 7E2 issued October 18, 1960. Application for Type Certificate dated June 4, 1959. Each engine and any replacement parts manufactured in the Federal Republic of Germany must be designated as "import" and clearly labeled as such in accordance with CAR 10.30.

Each individually imported engine must be accompanied by a Federal Republic of Germany Certificate of Airworthiness for Export signed by a representative of the Luftfahrt-Bundesamt containing the following statement:

"The engine covered by this certificate has been examined and found to comply with U.S. Civil Air Regulations Part 13 dated June 15, 1956, including Amendments 13-1 and 13-2, and conforms to TC 7E2."

NOTE 1. Maximum permissible cylinder head and oil inlet temperatures:

<u>Cylinder Head</u>	<u>Oil Inlet</u>
414°F	248°F

NOTE 2. Pressure limits - normal operation:

	<u>Max.</u>	<u>Min.</u>
Fuel inlet pressure, p.s.i.	3.23	1.47
Oil pressure, p.s.i.	66.0	29.4

NOTE 3. The following accessory drives are provided:

<u>Accessory</u>	Direction of Rotation*	Speed**	Maximum Torque (in. -lb.)		Maximum Overhang Moment (in. -lb.)
			Continuous	Static	
Starter	C	12:1	—	220	63
Generator	C	1.8:1	18	40	—
Tachometer drive	C	2:1	—	—	—

\* "C" - clockwise

\*\* Speed - times crankshaft r.p.m.

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