

TJE-200

TURBO JET ENGINE

TJE-200 CONSISTS OF THREE STAGE AXIAL COMPRESSOR, ANNULAR COMBUSTION CHAMBER AND SINGLE STAGE AXIAL TURBINE.
ENGINE MAXIMUM THRUST IS 185daN



EDePro 
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TURBO JET ENGINE TJE-200

MEET THE TJE-200



TURBO JET ENGINE

TJE-200 consists of three stage axial compressor, annular combustion chamber and singlestage axial turbine.

Engine maximum rpm is 40,000.

 MAX THRUST AT SEA LEVEL 185daN

 RPM 40,000

 MAXIMUM DIAMETER 270MM

TECHNICAL SPECIFICATION

MAXIMUM THRUST AT SEA LEVEL 185daN

SPEC. FUEL CONSUMPTION AT SEA LEVEL (INC. BEARING LUBRICATION)-1.35KG/daN.hr

STARTING AND IGNITION SYSTEM - FLIGHT START WINDMILLING AND ELECTRIC IGNITER

STARTING AND IGNITION SYSTEM - GROUND START AIR START AND ELECTRIC IGNITER

NUMBER OF STARTS 30

MAXIMUM DIAMETER 270MM

LENGTH (FROM INTAKE TO NOZZLE) 833MM

DRY WEIGHT 35KG

MAXIMUM START ALTITUDE 5,000M AT MACH ≥ 0.4

MAXIMUM OPERATING ALTITUDE 10,000M

MAXIMUM MACH NUMBER 0.9

FUEL JET A1 (5% OF TURBO OIL)

AIR FLOW RATE AT 100%RPM 3.8KG/S

OPERATION TEMPERATURE -40°C - +50°C

GENERATOR POWER 1.5KW, 28VDC

LUBRICATION SYSTEM AIR-KEROSENE MIST SPILL OUT SYSTEM

CONTROL SYSTEM DIGITAL ECU

TOTAL LIFE TIME 30H