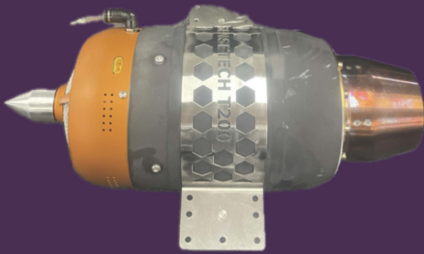




IT IS TO LAUNCH.



MOVE FAST AND BREAK THINGS

THE T-200 IS A FUEL EFFICIENT 20KG THRUST SINGLE STAGE RADIAL COMPRESSOR ENGINE. IN THE RADIAL COMPRESSOR, THE INTAKE AIR IS COMPRESSED, PASSING THROUGH THE RADIAL AND AXIAL DIFFUSER INTO THE COMBUSTION CHAMBER, WHERE IT IS MIXED WITH ATOMIZED FUEL. THE COMBUSTION GASES FROM THE AIR-FUEL MIX EXPAND AND EXIT THE SINGLE STAGE AXIAL ENGINE THROUGH THE EXHAUST NOZZLE TO THE ATMOSPHERE IN FORM OF THRUST.

THE ENGINE CONTROL (ECU) IS BASED ON A 32-BIT MICROPROCESSOR, FULLY AUTOMATIZING THE START, RUN AND SHUT DOWN - COOLING PROCESS.

T-200 TURBINE SPECIFICATIONS

THRUST: 200 NEWTON

EGT: 760 DEGREES CELSIUS

RPM: 35,000 - 121,000

FUEL: JET-A, JP-5, DIESEL (MIX WITH 5% TURBINE OIL)

FUEL CONSUMPTION: 420 GRAMS/MIN

STARTER: BRUSHLESS STARTER

WEIGHT: 1,520 GRAMS

MEASUREMENTS: 265 x 110 MM

ENGINE CONTROL UNIT

AUTO START

AUTO RESTART

AUTO SHUT DOWN - COOLING

RS-232 INTERFACE

AIR PRESSURE

TELEMETRY

ADJUSTABLE THRUST RESPONSE

ENGINE DATA LOGGING

UAS, FLIGHT ELECTRONICS/AUTOPILOT, ENGINES ARE NDAA SECTION 848 NATIONAL DEFENSE

AUTHORIZATION ACT COMPLIANT



IT IS TO LAUNCH.

GO FAST AND MOVE THINGS

THE T-500 IS A FUEL EFFICIENT 50KG THRUST SINGLE STAGE RADIAL COMPRESSOR ENGINE. IN THE RADIAL COMPRESSOR, THE INTAKE AIR IS COMPRESSED, PASSING THROUGH THE RADIAL AND AXIAL DIFFUSER INTO THE COMBUSTION CHAMBER, WHERE IT IS MIXED WITH ATOMIZED FUEL. THE COMBUSTION GASES FROM THE AIR-FUEL MIX EXPAND AND EXIT THE SINGLE STAGE AXIAL ENGINE THROUGH THE EXHAUST NOZZLE TO THE ATMOSPHERE IN FORM OF THRUST.

THE ENGINE CONTROL (ECU) IS BASED ON A 32-BIT MICROPROCESSOR, FULLY AUTOMATIZING THE START, RUN AND SHUT DOWN - COOLING PROCESS.

T-500 TURBINE SPECIFICATIONS

THRUST: 500 NEWTON

EGT: 730 DEGREES CELSIUS

RPM: 35,000 - 97,000

FUEL: JET-A, JP-5, DIESEL (MIX WITH 5% TURBINE OIL)

FUEL CONSUMPTION: 980 GRAMS/MIN

STARTER: BRUSHLESS STARTER

WEIGHT: 3,120 GRAMS

MEASUREMENTS: 351 x 148 MM

OPTIONAL: ADJUSTABLE EXHAUST NOZZLE

ENGINE CONTROL UNIT

AUTO START

AUTO RESTART

AUTO SHUT DOWN - COOLING

RS-232 INTERFACE

AIR PRESSURE

TELEMETRY

ADJUSTABLE THRUST RESPONSE

ENGINE DATA LOGGING