



TR 50

TURBOJET ENGINE

The TR 50 jet engine has been developed specifically for the French MdCN / Scalp Naval programme.

The TR 50 associates the proven qualities of the TR 40 jet engine family on which it is based: remarkably compact and an excellent thrust-weight ratio as well as exceptional endurance.

Its adaptability is facilitated by its reduced size, meeting the strictest installation requirements. Its reliability and performance were demonstrated recently after the programme's qualification phase.



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Operating envelope

Flight:	Altitude:	0 to 22,970 ft
	Speed:	< Mach 0,95
Windmill start:	Altitude:	0 to 17,390 ft
	Speed:	Mach 0,5 to 0,9

Performances

Maximum thrust:	250 to 340 daN
Specific fuel consumption:	< 2,64 lbs/daN/h
Electrical power:	< 4 kVA

Dimensions and weight

Length (excluding alternator):	26,8 in
Maximum diameter:	11 in
Dry weight (depending on applications):	88-99 lbs

Applications

Scalp Naval (MBDA)



Contact

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Microturbo (Safran) specializes in the design and production of high-technology power systems and propulsion systems. State-of-the-art and reliable power solutions offered include the large proven range in Microturbo gas turbines, but also innovations resulting of an important R&D investment and strategic partnerships. Microturbo is a world leader in the field of power systems and propulsion systems and has delivered over 13,000 units.

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