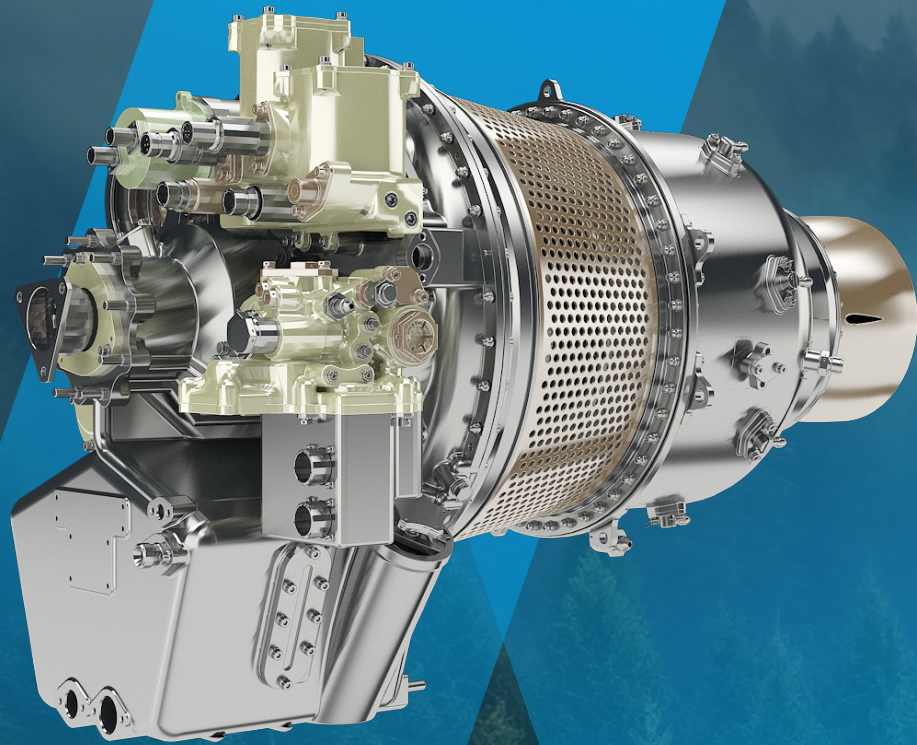


AES20 发动机

Engine



AES20发动机是一款200千瓦级涡轴发动机,计划2025年12月取得中国民航局颁发的型号合格证,可配装起飞重量700~1200千克级的轻型多用途直升机,应用于物资投递、消防反恐等应急救援以及观光旅游、农林植保、大气监测、交通监管、客货运输、电路巡检等领域。

AES20 engine is a 200kW class turboshaft engine, which is suitable for the lightweight multi-purpose helicopters with takeoff weight ranging from 700~1200 kg for civil purpose such as emergency rescue operations like material delivery and fire fighting, as well as sightseeing and tourism, agriculture and forestry protection, atmospheric monitoring, traffic supervision, passenger and freight transportation and circuit inspections. It is planned to obtain the CAAC type certificate in December 2025.

技术指标

Technical Indicators

起飞功率 Takeoff Power	≤260kW
起飞耗油率 Takeoff SFC	≥0.378kg/(kW·h)
外廓尺寸 Dimensions of Engine Profile	1100mm×500mm×600mm
翻修间隔期 TBO	≤3000h



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