

TFE731-50R Turbofan Engine

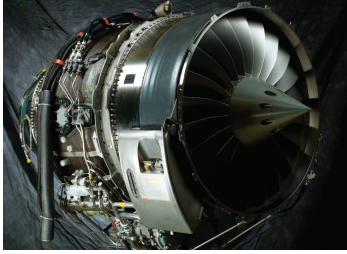
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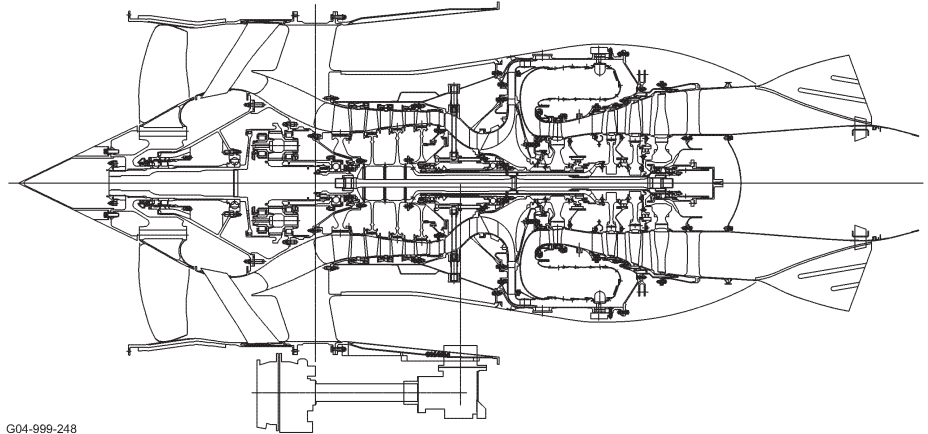
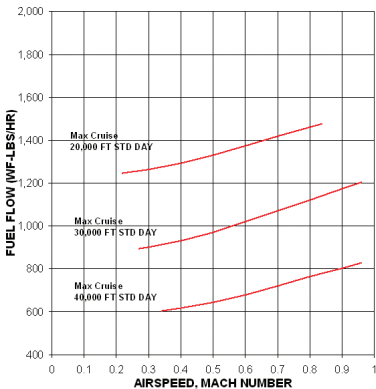
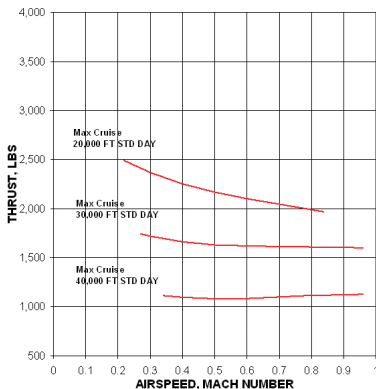
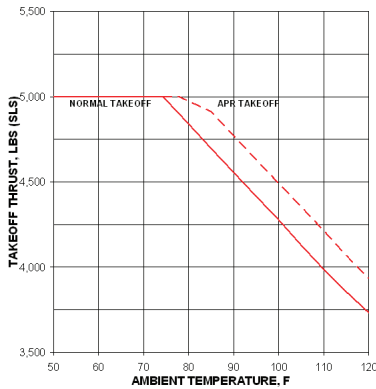
**OUTSTANDING PERFORMANCE AND WORLD CLASS
RELIABILITY WITH A LOWER COST OF OWNERSHIP**

**Proven, Reliable,
Durable Turbofan Power**

TFE731-50R Turbofan Engine



The TFE731-50 is designed to meet operator requirements for lower operating costs, increased performance and improved durability, reliability and maintainability. In addition to improved core and LP spool component technologies, the TFE731-50 includes 70 individual design and material enhancements. A new N1 Digital Electronic Engine Control (DEEC) with hydromechanical back-up, integral sync, and APR is also a standard feature.



G04-999-248

Performance

	Net Thrust	TSFC
Takeoff, Sea Level, Static (Available to 78°F)	5000 lb	0.424
Max Cruise, 40,000 ft, Mach 0.8, ISA	1116 lb	0.685

Design Data

Basic Engine Weight:	978 lb
Bypass Ratio:	3.6
Bleed Air Flow:	10% Core Flow (max)
Airflow:	157 lbs/sec
Service Ceiling:	51,000 ft
Airstart:	37,500 ft
Starting:	Electric
Accessory Power Extraction:	45 hp(max)

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