

**TFE731-40**

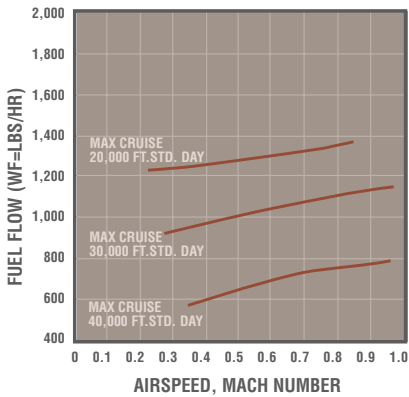
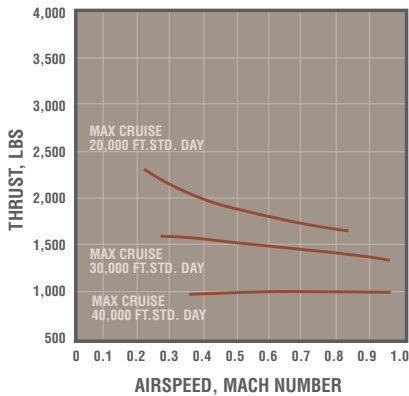
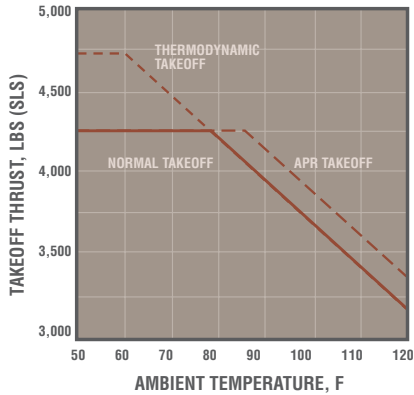
**Honeywell**



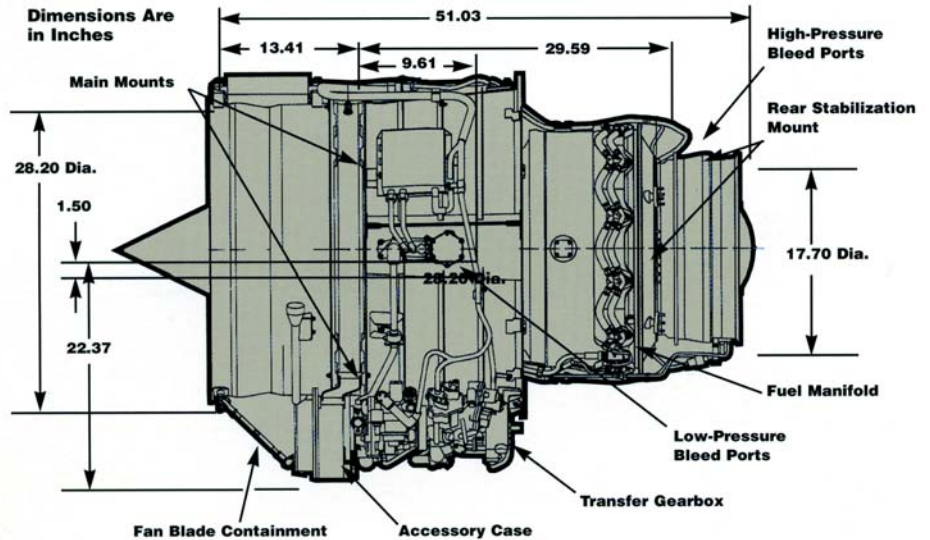
**LOWER OPERATING COSTS, INCREASED  
PERFORMANCE AND IMPROVED MAINTAINABILITY.**

**Proven Turbofan  
Propulsion Technology**

# TFE731-40



The TFE731-40 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 TFE731-40 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



## Performance

	Net Thrust	TSCF
Thermodynamic, Sea Level, Static, ISA	4700 lb	0.456
Takeoff, Sea Level, Static (Available to 87° F)	4250 lb	0.457
Max Cruise, 40,000 ft, Mach 0.8 (ISA)	1010 lb	0.739

## Design Data

Pressure Ratio:	Fan: 1.76	Cycle 22
Basic Engine Weight:	885 lb	
Bypass Ratio:	2.9	
Bleed Air Flow:	10% Core Flow (max)	
Airflow:	145 lbs/sec	
Service Ceiling:	51,000 ft	
Airstart:	35,000 ft	
Starting:	Electric	
Accessory Power Extraction:	45 hp(max)	

## Find out more

To find out more about Honeywell's TFE731 family of engines please visit us online at [www.honeywell.com/TFE731](http://www.honeywell.com/TFE731).

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