

PERFORMANCE

GUARANTEED RATINGS AT STANDARD SEA LEVEL STATIC CONDITIONS

RATING	THRUST (lb)	RPM N ₂ /N ₁	SFC (lb/hr/lb)	MEAS. GAS TEMP. (°F) (Turb. Inlet)	AIRFLOW (lb/sec)
MAXIMUM (45 min)	20,250	14,550/9,750	3.04	2070	240
INTERMEDIATE (Military) (45 min)	12,290	14,400/10,100	0.692	2070	247
MAXIMUM CONTINUOUS (Normal)	10,750	14,150/9,650	0.634	1830	237
90% MAX. CONTINUOUS	9,675	13,900/9,250	0.605	1785	227
75% MAX. CONTINUOUS	8,060	13,500/8,700	0.577	1640	210
IDLE	740 (Max)	8,500/2,900	980 lb/hr		

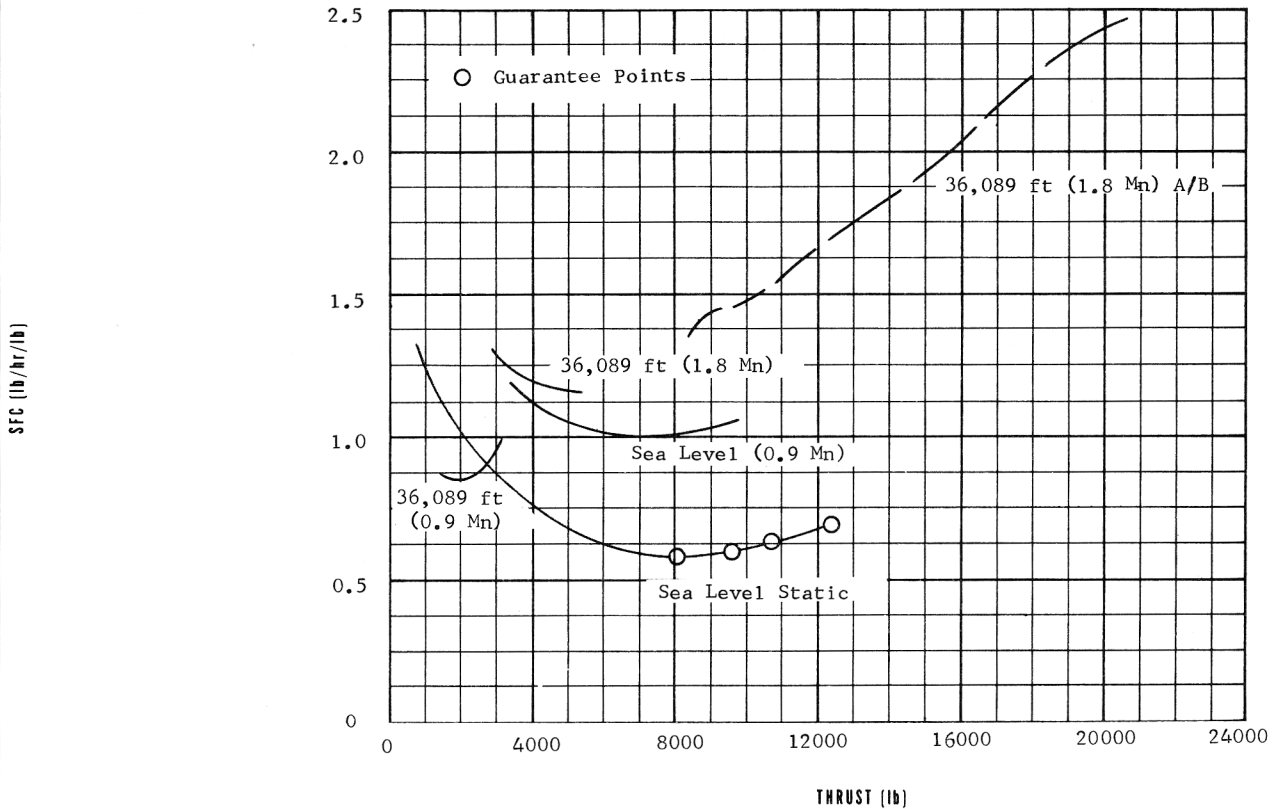
GUARANTEED RATINGS AT STANDARD ALTITUDE CONDITIONS

RATING	ALTITUDE (ft)	FLIGHT MACH NO.	THRUST (lb)	SFC (lb/hr/lb)	MEAS. GAS TEMP. (°F)	AIRFLOW (lb/sec)
MAXIMUM (45 min)	55,000	2.2	7,550	2.94	2070	118
Maximum (45 min)	30,000	1.2	13,250	2.70	2070	163
Intermediate (Mil) (45 min)	36,089	0.7	2,695	0.943	1780	80.7
Cruise	30,000	0.7	2,970	0.876	1650	100.2

GUARANTEED OPERATING LIMITS

ABSOLUTE ALTITUDE (FEET)	75,000 at 3.18 ram pressure ratio	MAXIMUM STARTING ALTITUDE JP-4	45,000 ft
LIMITING MACH NO. AT SEA LEVEL STD. CONDITIONS	0.90	MAXIMUM STARTING ALTITUDE JP-5	45,000 ft

ARDC MODEL ATMOSPHERE 1955
MS RAM EFFICIENCY



NOTES

The TF30-P-12 and -12A are to the same configuration except that the TF30-P-12 is equipped with a filter heater combination and the TF30-P-12A is equipped with a fuel filter only. In addition, an augmented wave-off feature, incorporated in TF30-P-12 engines, is deactivated on TF30-P-12A engines.