

Table 36-1. ENGINE PNEUMATIC PERFORMANCE

7TH STAGE				12TH STAGE			
%HP	EPR	PSIG	TEMP °C	TEMP °F	PSIG	TEMP °C	TEMP °F
48	1.029	9.1	67	152	14.8	101	218
50	1.033	10.1	71	159	16.5	107	224
52	1.038	11.2	75	167	18.6	114	237
54	1.042	13.0	80	176	20.7	120	248
56	1.047	14.0	84	183	23.0	128	262
58	1.052	15.0	89	192	25.3	136	276
60	1.058	15.9	94	201	27.6	143	289
62	1.064	17.1	99	210	29.9	150	302
64	1.071	18.4	104	219	32.5	159	318
66	1.078	19.8	109	228	35.1	167	332
68	1.085	21.2	114	237	37.7	174	345
70	1.095	25.1	121	249	41.6	184	363
72	1.118	27.4	133	271	49.9	202	395
74	1.134	31.3	144	291	57.9	218	424
76	1.162	35.0	152	305	65.4	230	446
78	1.195	40.1	164	327	75.8	247	476
80	1.239	46.2	178	352	88.1	267	512
82	1.292	53.4	193	379	102.4	287	548
84	1.357	61.5	209	408	118.9	309	588
86	1.427	69.0	224	435	136.1	330	626
88	1.499	77.3	239	462	153.3	350	662
90	1.558	83.9	250	482	167.4	367	692
92	1.613	90.6	263	505	181.6	384	723
94	1.672	98.2	275	527	197.8	401	753
96	1.723	108.2	291	555	217.7	423	793
97	1.748	113.6	301	573	228.63	435	815

LT ENG

BLEED BAND IS CLOSED. 7TH-STAGE AIR SUPPLIES BLEED-AIR MANIFOLD.

FAN AIR MODULATING VALVE STARTS TO OPEN TO MAINTAIN 400°F WHEN 12TH-STAGE AIR IS SUPPLIED DURING ANTI-ICE.

FAN AIR MODULATING VALVE STARTS TO OPEN TO MAINTAIN 400°F BLEED MANIFOLD TEMPERATURE

TEMP AMBIENT 20° C 68° F
PRESSURE ±14.7 PSIA
NOTE:

NO BLEED LOAD

Maximum P₃ (12th-stage pressure) is limited to 238 psi by a non-adjustable P₃ limiter in the engine fuel flow regulator.