



STANDARD DAY POWER SETTING CORRECTION TO NON-INTERCOOLED AIRCRAFT DATA

INTERCOOLING °C (DIFFERENTIAL TEMPERATURE READING)

	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60	-65	-70	-75	-80	-85
41.0	39.9	39.5	39.1	38.8	38.4	38.0	37.6	37.3	36.9	36.5	36.2	35.8	35.4	35.0	34.7
40.5	39.4	39.0	38.7	38.3	37.9	37.6	37.2	36.8	36.5	36.1	35.7	35.3	35.0	34.6	34.2
40.0	38.9	38.5	38.2	37.8	37.5	37.1	36.7	36.4	36.0	35.6	35.3	34.9	34.5	34.2	33.8
39.5	38.4	38.1	37.7	37.3	37.0	36.6	36.3	35.9	35.6	35.2	34.8	34.5	34.1	33.8	33.4
39.0	37.9	37.6	37.2	36.9	36.5	36.2	35.8	35.5	35.1	34.7	34.4	34.0	33.7	33.3	33.0
38.5	37.5	37.1	36.8	36.4	36.1	35.7	35.4	35.0	34.7	34.3	34.0	33.6	33.3	32.9	32.6
38.0	37.0	36.6	36.3	35.9	35.6	35.2	34.9	34.5	34.2	33.9	33.5	33.2	32.8	32.5	32.1
37.5	36.5	36.1	35.8	35.5	35.1	34.8	34.4	34.1	33.8	33.4	33.1	32.7	32.4	32.0	31.7
37.0	36.0	35.7	35.3	35.0	34.6	34.3	34.0	33.6	33.3	33.0	32.6	32.3	32.0	31.6	31.3
36.5	35.5	35.2	34.8	34.5	34.2	33.8	33.5	33.2	32.9	32.5	32.2	31.9	31.5	31.2	30.9
36.0	35.0	34.7	34.4	34.0	33.7	33.4	33.1	32.7	32.4	32.1	31.7	31.4	31.1	30.8	30.4
35.5	34.5	34.2	33.9	33.6	33.2	32.9	32.6	32.3	32.0	31.6	31.3	31.0	30.7	30.3	30.0
35.0	34.0	33.7	33.4	33.1	32.8	32.5	32.1	31.8	31.5	31.2	30.9	30.5	30.2	29.9	29.6
34.5	33.6	33.2	32.9	32.6	32.3	32.0	31.7	31.4	31.1	30.7	30.4	30.1	29.8	29.5	29.2
34.0	33.1	32.8	32.5	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.7
33.5	32.6	32.3	32.0	31.7	31.4	31.1	30.8	30.5	30.2	29.8	29.5	29.2	28.9	28.6	28.3
33.0	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9
32.5	31.6	31.3	31.0	30.7	30.4	30.1	29.8	29.5	29.3	29.0	28.7	28.4	28.1	27.8	27.5
32.0	31.1	30.8	30.5	30.3	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6	27.3	27.1
31.5	30.6	30.4	30.1	29.8	29.5	29.2	28.9	28.6	28.4	28.1	27.8	27.5	27.2	26.9	26.6
31.0	30.2	29.9	29.6	29.3	29.0	28.7	28.5	28.2	27.9	27.6	27.3	27.1	26.8	26.5	26.2
30.5	29.7	29.4	29.1	28.8	28.6	28.3	28.0	27.7	27.5	27.2	26.9	26.6	26.3	26.1	25.8
30.0	29.2	28.9	28.6	28.4	28.1	27.8	27.5	27.3	27.0	26.7	26.5	26.2	25.9	25.6	25.4
29.0	28.2	27.9	27.7	27.4	27.2	26.9	26.6	26.4	26.1	25.8	25.6	25.3	25.0	24.8	24.5
28.0	27.2	27.0	26.7	26.5	26.2	26.0	25.7	25.5	25.2	24.9	24.7	24.4	24.2	23.9	23.7
27.0	26.3	26.0	25.8	25.5	25.3	25.0	24.8	24.5	24.3	24.1	23.8	23.6	23.3	23.1	22.8
26.0	25.3	25.1	24.8	24.6	24.3	24.1	23.9	23.6	23.4	23.2	22.9	22.7	22.5	22.2	22.0
25.0	24.3	24.1	23.9	23.6	23.4	23.2	23.0	22.7	22.5	22.3	22.0	21.8	21.6	21.4	21.1
24.0	23.3	23.1	22.9	22.7	22.5	22.3	22.0	21.8	21.6	21.4	21.2	20.9	20.7	20.5	20.3
23.0	22.4	22.2	22.0	21.7	21.5	21.3	21.1	20.9	20.7	20.5	20.3	20.1	19.9	19.7	19.4
22.0	21.4	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8	18.6
21.0	20.4	20.2	20.0	19.9	19.7	19.5	19.3	19.1	18.9	18.7	18.5	18.3	18.1	17.9	17.8
20.0	19.5	19.3	19.1	18.9	18.7	18.5	18.4	18.2	18.0	17.8	17.6	17.5	17.3	17.1	16.9

MANIFOLD PRESSURE (INCHES Hg) FROM AIRCRAFT POWER SETTING TABLE

TURBOPLUS RECOMMENDATION - THIS IS NOT FAA APPROVED DATA!

1. SELECT DESIRED POWER, FROM AIRCRAFT POWER SETTING TABLE, SET RPM DIRECTLY FROM A/C TABLE
2. READ MANIFOLD PRESSURE FROM A/C TABLE
3. READ DIFFERENTIAL TEMPERATURE FROM TURBOPLUS GAUGE
4. FIND DIFFERENTIAL TEMPERATURE ON TOP ROW OF THIS TABLE
5. MOVE DOWN THE LEFT COLUMN TO THE ROW INDICATING MANIFOLD PRESSURE READ FROM A/C TABLE
6. SET MP TO THE VALUE INDICATED AT THE INTERSECTING ROW & COLUMN

NOTE: POWER SETTING CORRECTION REDUCES MP BY 1% FOR EACH 5.5 °C OF INTERCOOLING MAKE
NONSTANDARD DAY TEMPERATURE CORRECTIONS FOR DENSITY ALTITUDE PER AIRCRAFT
POH TABLE PRIOR TO USING THIS CORRECTION TABLE