File: C:\Program Files (x86)\GasTurb\GasTurb10\RF_4off.CYJ - modified
Date: 17Aug22
Time: 22:23

Turbojet SL Mn=-0.137 ISA + 6 C 60% Relative Humidity

Station	W	T	P	WRstd
amb		294.25	101.325	
2	0.435	293.15	99.000	0.450
3	0.435	526.11	386.100	0.155
31	0.387	526.11	386.100	
4	0.395	1258.63	362.934	0.231
41	0.417	1223.76	362.934	0.240
49	0.417	1015.61	150.916	
5	0.438	993.15	150.916	0.548
6	0.438	993.15	147.898	
8	0.438	993.15	147.898	0.559

P2/P1 = 0.9900 P6/P5 = 0.9800 CD8 = 0.9308

Efficiencies:	isentr	polytr	RNI	P/P
Compressor	0.5888	0.6563	0.949	3.900
Burner	0.9900			0.940
Turbine	0.9000	0.8900	0.319	2.405
Spool mech	0.9900	Nominal Spd		117000

Bleed Air: PBld = 386.10 TBld = 526.1

FN	= 0.22
TSFC	= 36.0464
FN/W2	= 506.04
Prop Eff	= 0.0000
eta core	= 0.1380
WF	= 0.00793
s NOx	= 0.10457
XM8	= 0.7719
A8	= 0.0027
P8/Pamb	= 1.4596
Ang8	= 20.00
W NGV/W2	= 0.05000
WCL/W2	= 0.05000
Loading %=	100.00
e45 th	= 0.88033
WBld/W2	= 0.01000
PWX	= 0.00
ZWBld	= 0.00000

hum [%]	war0	FHV	Fuel
60.0	0.00889	43.124	Generic

Iteration Variables:
  Isentr.Compr.Efficiency (0...0.99) = 0.5888
  Burner Exit Temperature K (0...1500) = 1258.63

Iteration Targets:
  Net Thrust = 0.22
  Nozzle Throat Temperature T8 = 993.15