File: C:\Program Files (x86)\GasTurb\GasTurb10\Demo_jet.CYJ - modified
Date: 17Aug22
Time: 21:44

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	456.03	386.100	0.144
31	0.387	456.03	386.100	
4	0.392	993.15	362.934	0.204
41	0.414	966.79	362.934	0.212
49	0.414	813.75	167.789	
5	0.436	796.97	167.789	0.439
6	0.436	796.97	164.433	
8	0.436	796.97	164.433	0.448

P2/P1 = 0.9900 P6/P5 = 0.9800 CD8 = 0.9458

Efficiencies:	isentr	polytr	RNI	P/P
Compressor	0.8460	0.8719	0.949	3.900
Burner	0.9900			0.940
Turbine	0.9000	0.8908	0.471	2.163
Spool mech	0.9900	Nominal Spd		117000

Bleed Air: PBld = 386.10 TBld = 456.0

FN	=	0.22	
TSFC	=	25.0605	
FN/W2	=	506.04	
Prop Eff	=	0.0000	
eta core	=	0.1974	
WF	=	0.00551	
s NOx	=	0.07292	
XM8	=	0.8728	
A8	=	0.0020	
P8/Pamb	=	1.6228	
Ang8	=	20.00	
W NGV/W2	=	0.05000	
WCL/W2	=	0.05000	
Loading %=		100.00	
e45 th	=	0.87699	
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) = 0.846046

Iteration Targets:
  Net Thrust = 0.22