

Engineering Software

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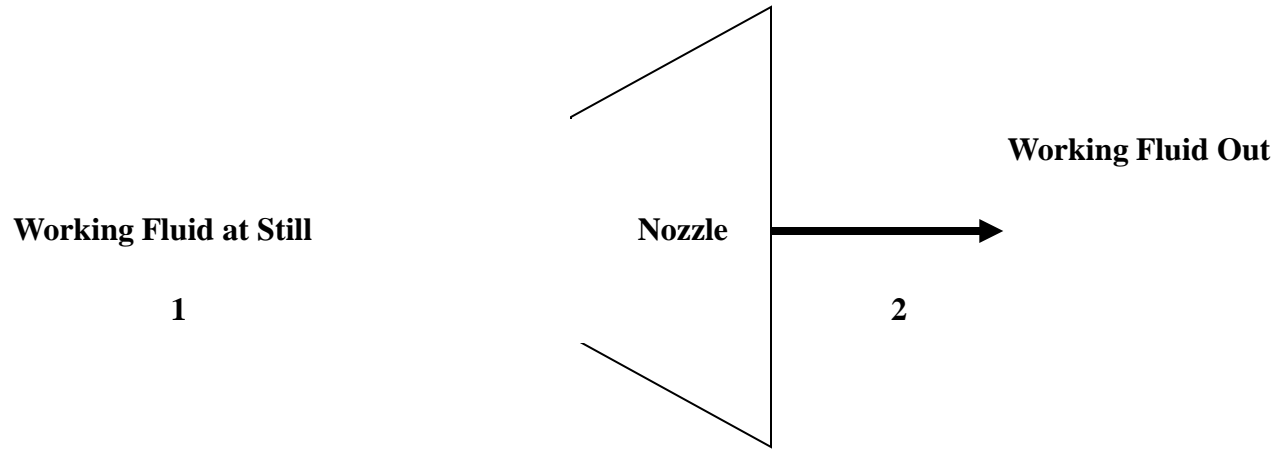
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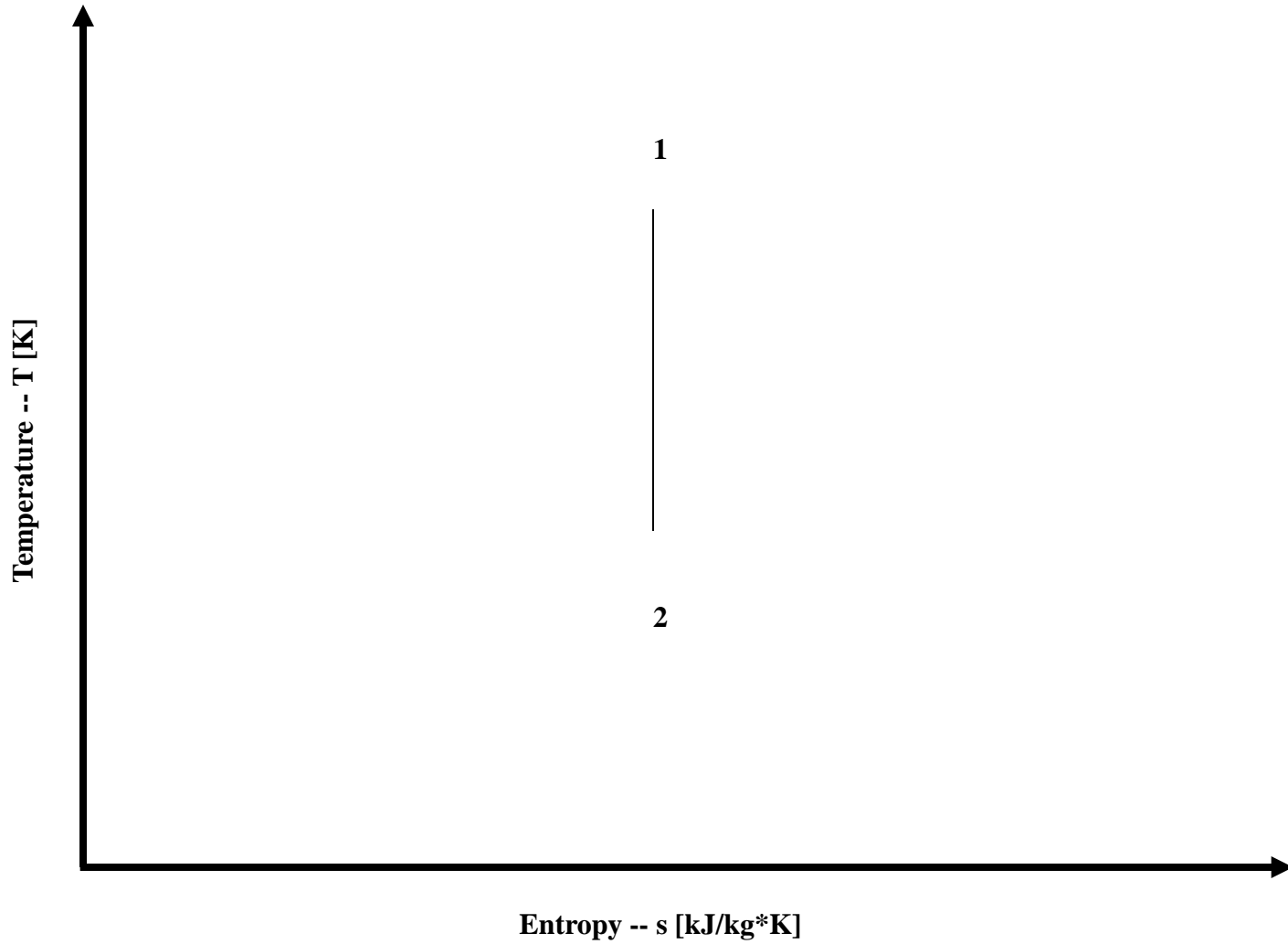
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Thrust

Here are some of the basic subsonic isentropic thrust plots.

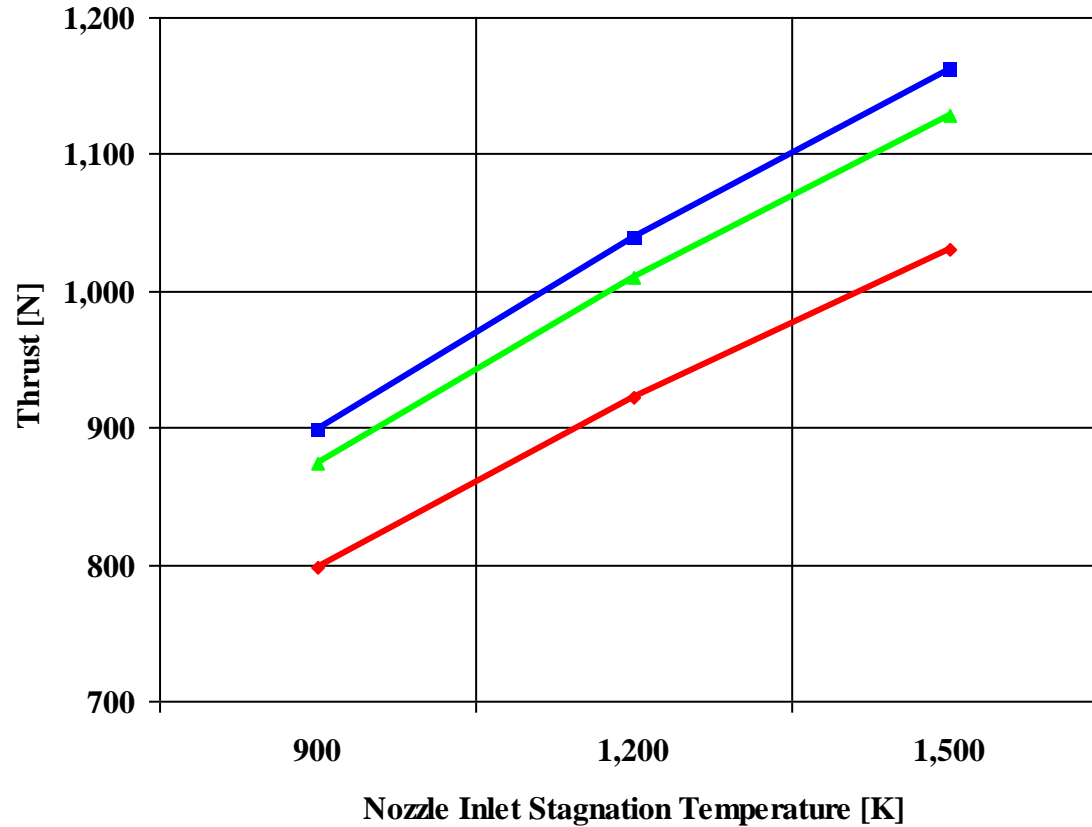


Thrust Schematic Layout



Thrust T - s Diagram

Thrust



—◆— 5 —▲— 10 —■— 15

Nozzle Inlet Stagnation Pressure

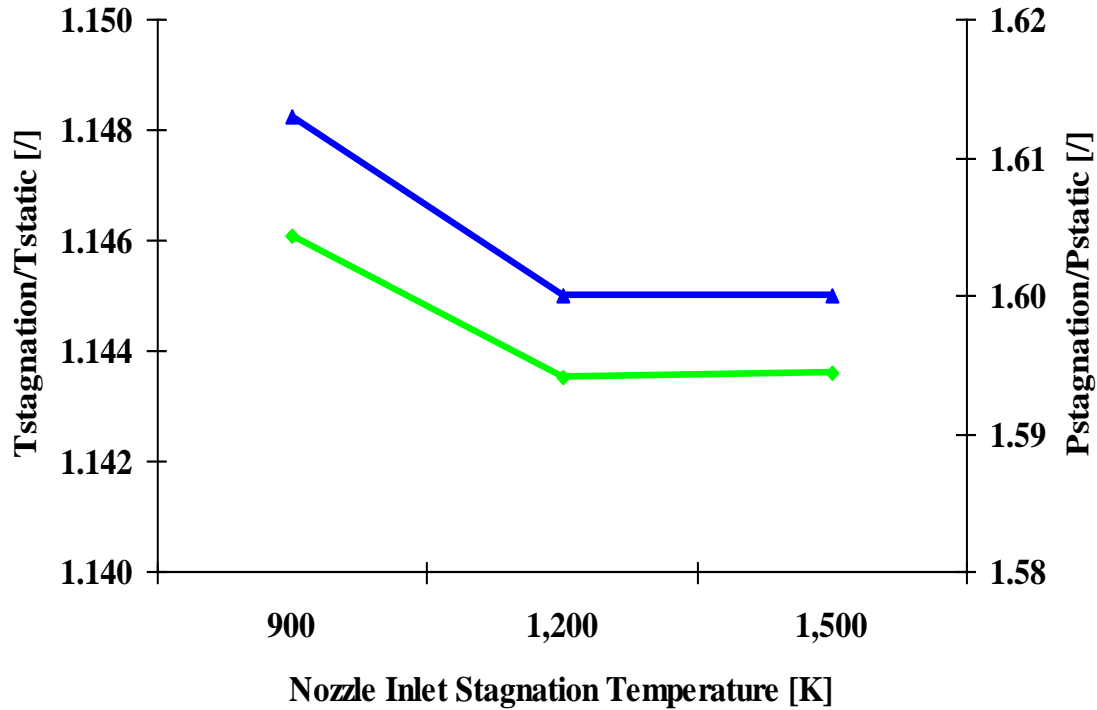
Working Fluid: Air

Working Fluid Mass Flow Rate: 1 [kg/s]

Nozzle Outlet Static Conditions -- Mach Number: 0.85 [/]

Ambient Conditions -- Pressure: 1 [atm]

Nozzle -- Thrust Performance



◆ $T_{\text{stagnation}}/T_{\text{static}}$ ▲ $P_{\text{stagnation}}/P_{\text{static}}$

Working Fluid: Air

Nozzle Inlet Stagnation Conditions: Pressure 10 [atm]

Nozzle Outlet Static Conditions -- Mach Number: 0.85 []

Ambient Conditions -- Pressure: 1 [atm]

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