



VisSim - [737_Safety_Valve.vsm]

File Edit View Simulate Analyze Blocks Tools Window Help

C:\0_afc_working\Simulation_of_737_Hamilton_Standar

737a_Convert Altitude to Pamb

737a_HtoP

737a_737 Safety Valve Guts

737a_Fixed Parameters

737a_Initial Conditions And Disturbances

737a_Calculated Parameters

737a_DTOAREA

737a_DTOAREA

737a_calc WIN

737a_calc XP

737a_calc APOPe

737a_calc WPpps

737a_SPCFLO

737a_calc WFOpps

737a_SPCFLO

737a_calc PLSg

737a_calc PMg

737a_calc PMg*AN

737a_calc PLSg*AD

737a_calc WVtotal

737a_WPPM

737a_calc dPLSdt

737a_calc PLS

737a_calc AVe

737a_calc FNET

737a_calc dXVtest

737a_calc XV

737a_calc dXVdt

737a_calc PM

737a_calc WSpps

737a_calc Vm

737a_calc dPMdt

Air Properties

R to F

Air Properties

Air Total Temp

R to F

K to R

Air Total Density

Atmosphere Table Alt: (feet) P: (atm) T:

Fluid Properties 1 = Water 2 = PAO 3 = J

Pressure Units Code 0 = atm 1 = psi 2 =

Det P & T

Det Cp, K & mu

R to K

K to R

737a_Fixed Parameters

737a_Initial Conditions And Disturbances

737a_Calculated Parameters

737a_calc XP

737a_calc XV

737a_calc dXVtest

737a_calc dXVdt

737a_calc dPMdt

737a_calc dPLSdt

737a_calc APOPe

737a_calc AVe

737a_calc PLSg

737a_calc PMg

737a_calc PMg*AN

737a_calc PLSg*AD

737a_calc WPpps

737a_calc WFOpps

737a_calc WVtotal

737a_calc WSpps

737a_calc WIN

737a_calc PLS

737a_calc PM

737a_calc FNET

737a_calc Vm

Blks 2519 Rng 0:130 Step 0.001 T 130 RK2

