DIDO

Modules Included:

DIDO.m

Trajectory Evaluation

Modules Included:

Cost.m

Events.m

Dynamics

Modules Included:

Dynamics.m

HYPAERO

Vehicle Model

Modules Included:

OutForce.m

LiftForceInterp.m

RESTM12 Engine Model

Modules Included:

RESTM12.m

Third Stage Data

Modules Included:

ThirdStage.m

Trajectory Data

Acceleration

Vehicle Mass

Thrust

Fuel Flow

Aerodynamic Coefficients

Payload Mass

Control Data

Acceleration

Cost

Trajectory

Derivatives

Cost

Fuel Flow

Fuel Flow

DIDO

External Modules

Evaluation of Optimality ie.

Trajectory Data

Vehicle Data

New Iteration