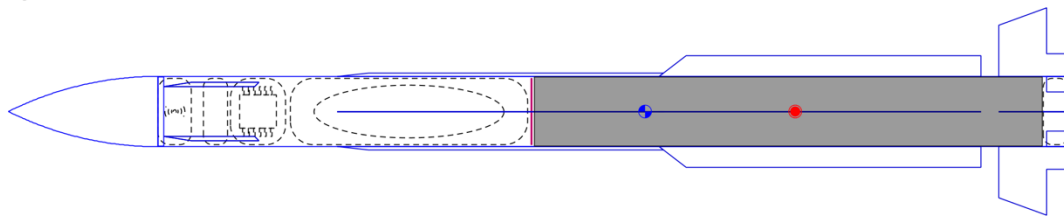


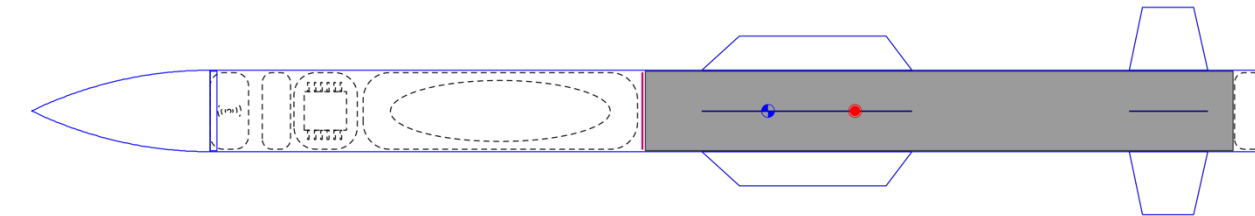
# MICA

MICA Config  
Length 234 cm, max. diameter 15.5 cm  
Mass with no motors 29196 g  
Mass with motors 60720 g



Apogee: 11687 m  
Max. velocity: 640 m/s (Mach 1.923)  
Max. acceleration: 135 m/s<sup>2</sup>

Stability: 2.14 cal / 14.2 % PAC-3 MSE Config  
CG: 140 cm Length 235 cm, max. diameter 15.5 cm  
CP: 174 cm Mass with no motors 27858 g  
at M=0.300 Mass with motors 59383 g

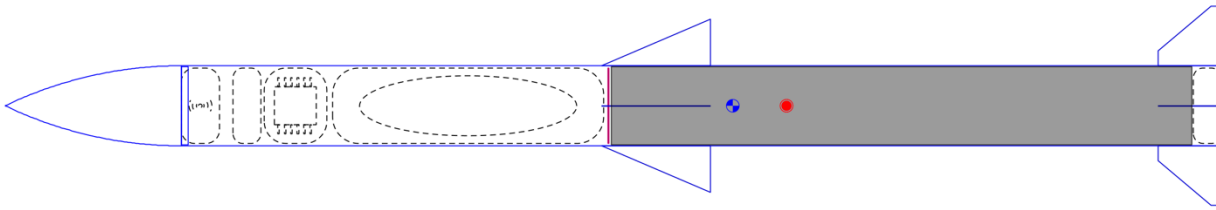


Apogee: 13289 m  
Max. velocity: 669 m/s (Mach 2.015)  
Max. acceleration: 138 m/s<sup>2</sup>

Stability: 1.07 cal / 7.06 %  
CG: 140 cm  
CP: 157 cm  
at M=0.300

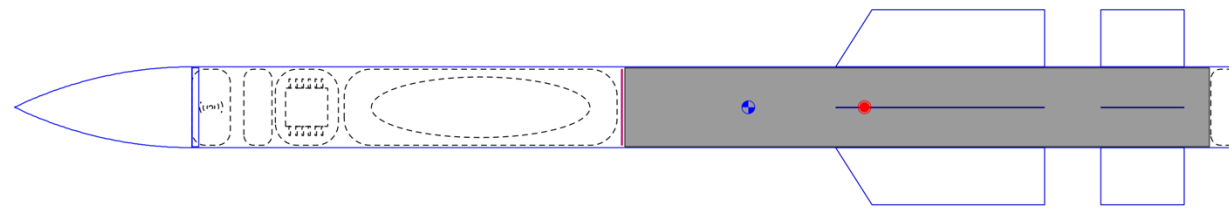
# AIM-120

AIM-120 AMRAAM Config  
Length 235 cm, max. diameter 15.5 cm  
Mass with no motors 27769 g  
Mass with motors 59293 g



Apogee: 13564 m  
Max. velocity: 673 m/s (Mach 2.024)  
Max. acceleration: 176 m/s<sup>2</sup>

Stability: 0.669 cal / 4.41 % PAC-3 CRI Config  
CG: 140 cm Length 235 cm, max. diameter 15.5 cm  
CP: 151 cm Mass with no motors 28082 g  
at M=0.300 Mass with motors 59607 g

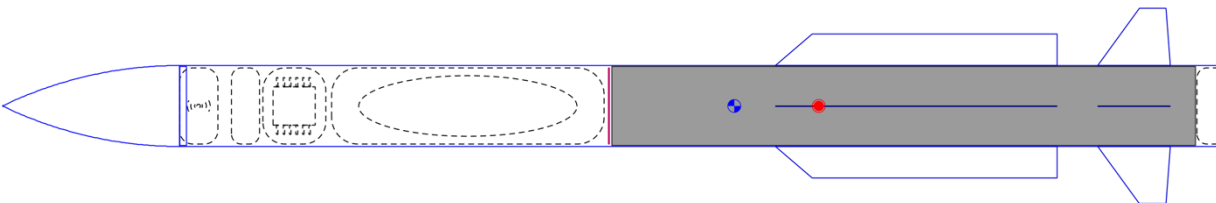


Apogee: 12387 m  
Max. velocity: 658 m/s (Mach 1.981)  
Max. acceleration: 138 m/s<sup>2</sup>

Stability: 1.44 cal / 9.47 %  
CG: 141 cm  
CP: 163 cm  
at M=0.300

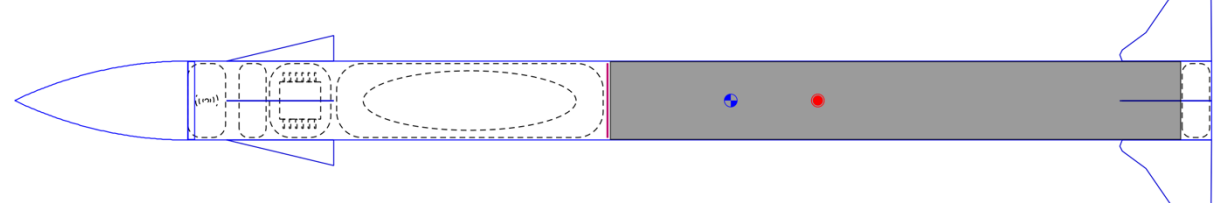
# IRIS-T SLS

IRIS-T SLS Config  
Length 235 cm, max. diameter 15.5 cm  
Mass with no motors 27899 g  
Mass with motors 59424 g



Apogee: 13520 m  
Max. velocity: 671 m/s (Mach 2.020)  
Max. acceleration: 139 m/s<sup>2</sup>

Stability: 1.05 cal / 6.9 % AIM-9X-2 Config  
CG: 140 cm Length 235 cm, max. diameter 15.5 cm  
CP: 157 cm Mass with no motors 27887 g  
at M=0.300 Mass with motors 59412 g



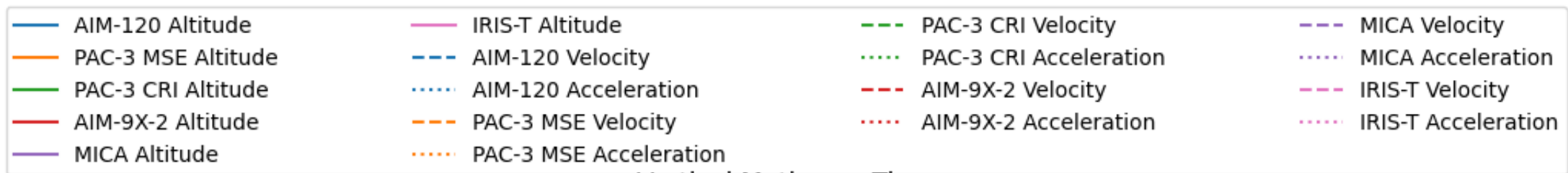
Apogee: 13869 m  
Max. velocity: 674 m/s (Mach 2.030)  
Max. acceleration: 140 m/s<sup>2</sup>

Stability: 1.1 cal / 7.28 %  
CG: 141 cm  
CP: 158 cm  
at M=0.300

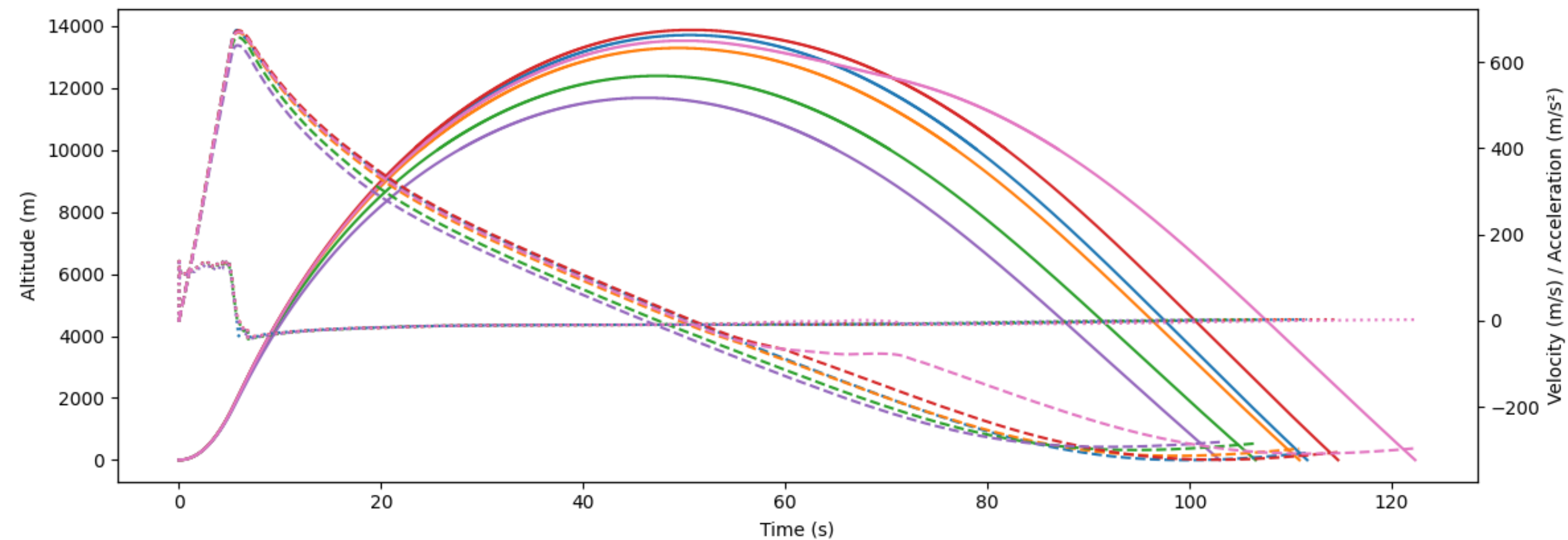
# PAC-3 MSE

# PAC-3 CRI

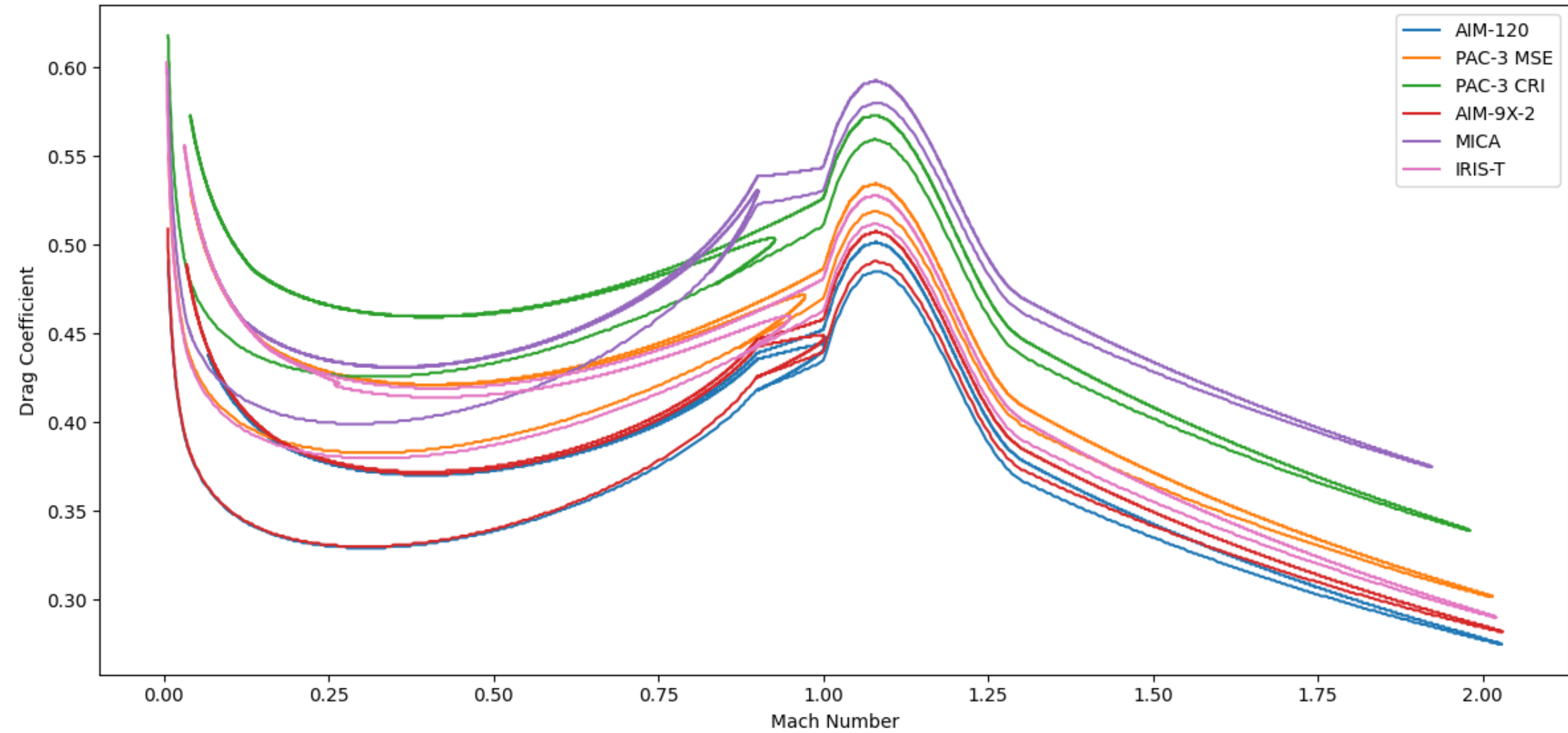
# AIM-9X-2



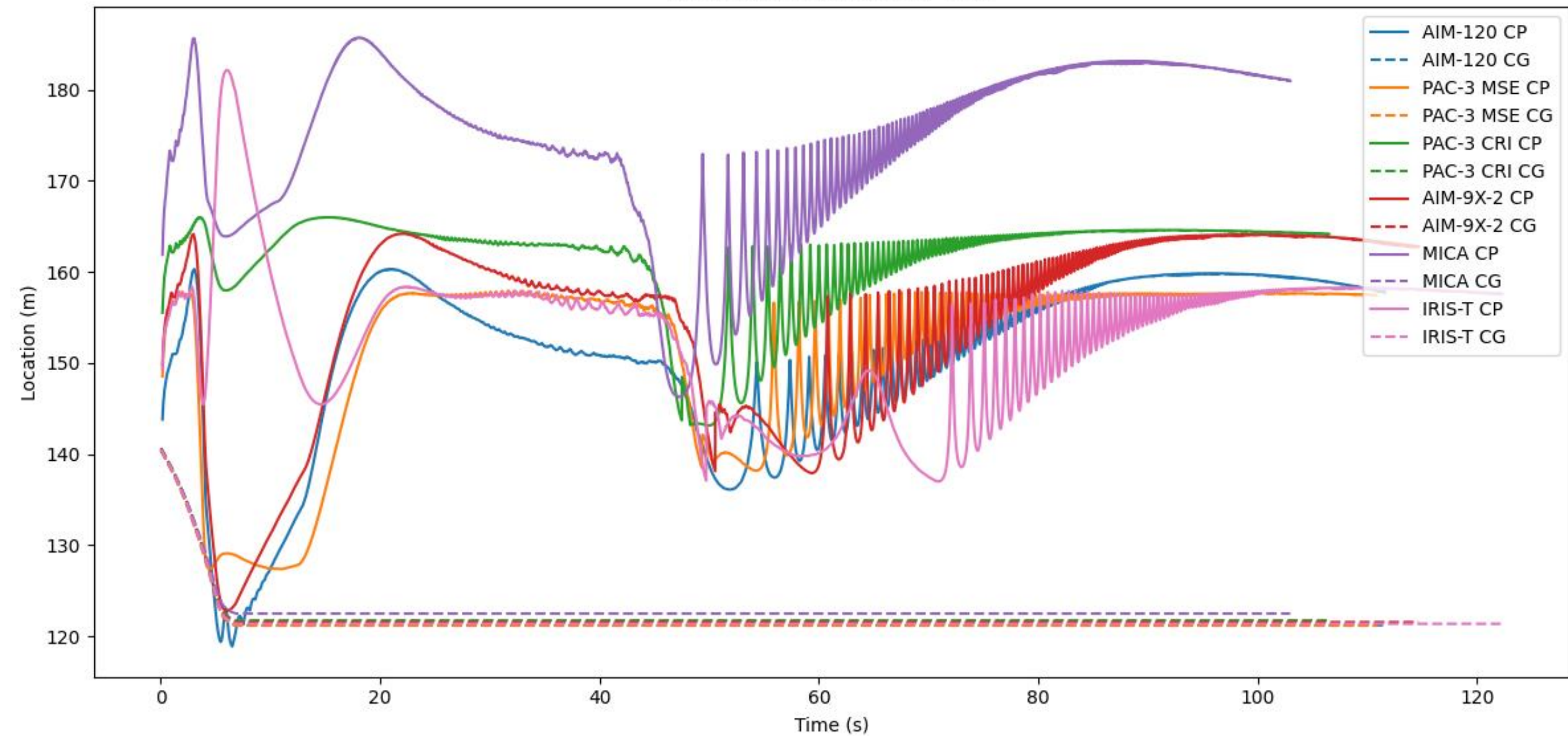
Vertical Motion vs Time



Drag Coefficient vs Mach Number



CP and CG Locations vs Time



Stability vs Time

