Benchmark glider model with JuMP and OptimalControl
max iter = 1000, tol = 1.0e-8, constr viol tol = 1.0e-6, solver = ma57

Model	Discretization	Variables	Constraints	Iterations	Total Time	Ipopt Time	Objective Value	Flag
JuMP	100	506	407	223	3.52	3.5	1254.61	Solve Succeeded
JuMP	400	2006	1607	497	87.54	87.48	1247.97	Solve Succeeded
OptimalControl	100	506	407	126	2.34	1.22	1254.78	Solve Succeeded
OptimalControl	400	2006	1607	1000	25.52	21.39	106.778	Iterations Exceeded