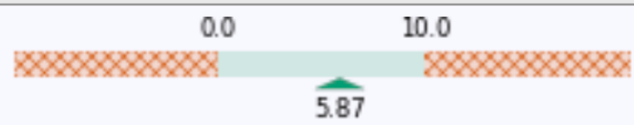
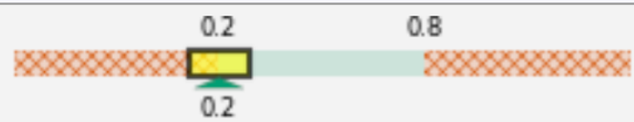
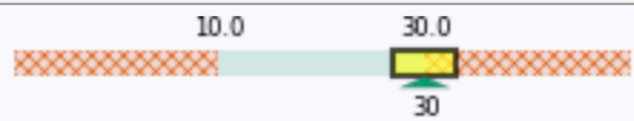
OpenMDAO Optimization Report for Problem RunOAS2 (All values are in unscaled, physical units)

Problem:	RunOAS2
Script:	/Users/conan/Desktop/LLM_Aerospace_Research/LLM_OpenAeroStruct/RunOAS2.py
Optimizer:	ScipyOptimize_SLSQP
Number of driver iterations:	12
Number of model evals:	12
Number of deriv evals:	11
Execution start time:	2025-04-09 15:52:01
Wall clock run time:	00 hours 00 minutes 00 seconds 381.4 milliseconds
Exit status:	SUCCESS

Objectives

name	val	ref	ref0	adder	scaler	units
flight_condition_0.wing_perf.CD	[1.09387298]	0.01			100.0	

Design Variables

name	alias	size	min	max	mean	lower	upper	equals	ref	ref0	units	visual
alpha		1	5.87	5.87	5.87	0	10		1	0	deg	
wing.taper		1	(0.2)	0.2	0.2	0.2	0.8		1	0		
wing.sweep		1	30	(30)	30	10	30		1	0	deg	

Constraints

name	alias	size	min	max	mean	lower	upper	equals	ref	ref0	units	visual
flight_condition_0.wing_perf.CL		1	0.5	0.5	0.5			0.5	1	0		Both lower and upper bounds are None.