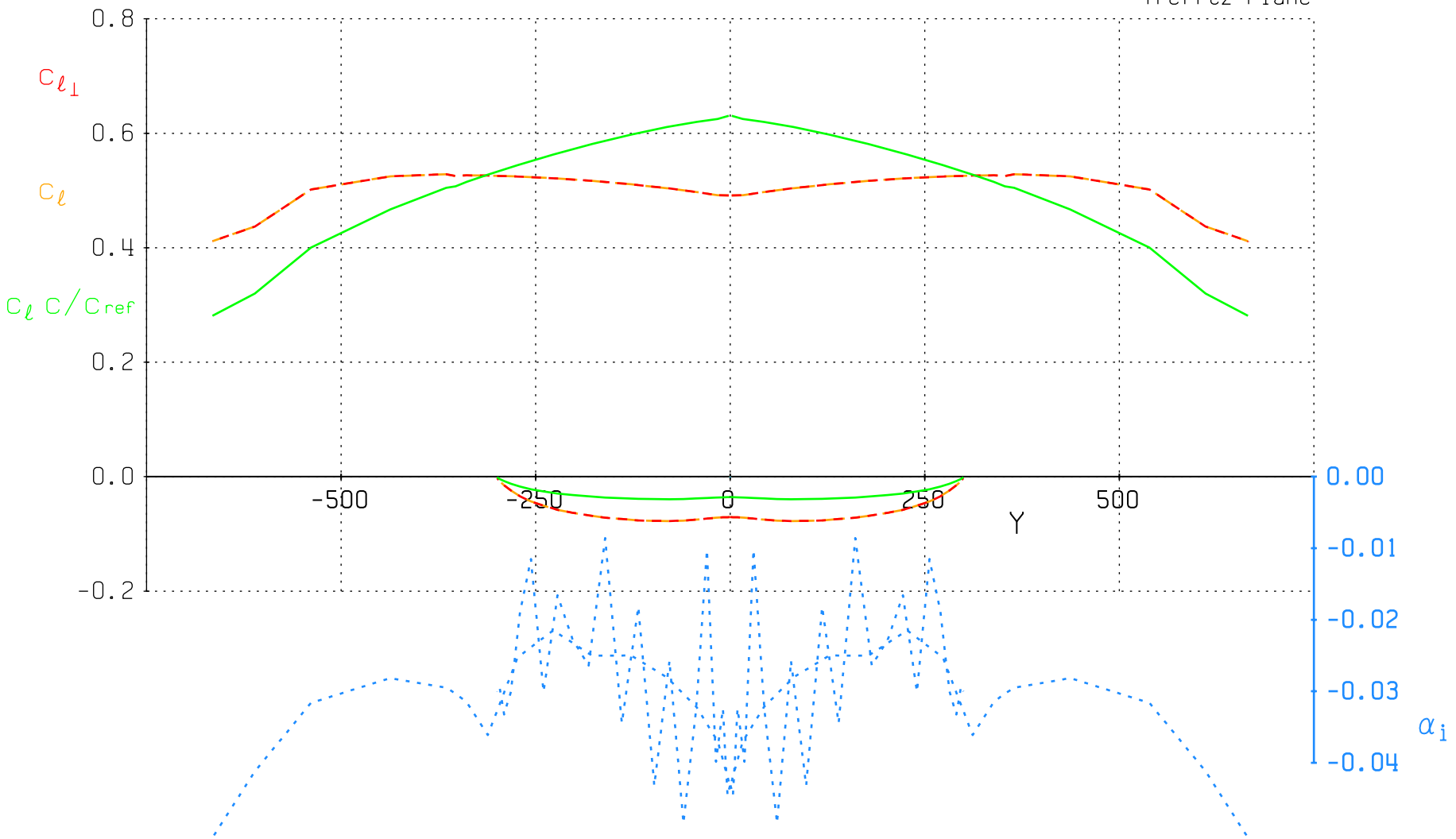
Standard Config
Level Flight: V = 8.5

α = 2.3864	pb/2V = -0.0000	CL = 0.4875	Cl' = -0.0000
β = 0.0000	qc/2V = 0.0000	CY = 0.0000	Cm = 0.0000
M = 0.000	rb/2V = 0.0000	CD = 0.00770	Cn' = -0.0000
		CD_i = 0.00752	e = 1.0090
Aileron = 0.0000		CD_p = 0.00000	
Elevator = 4.6535			
Rudder = 0.0000			

C_{ℓ_1}
C_ℓ
$C_\ell\, C/C_{ref}$
α_i

AVL 3.35
Trefftz Plane

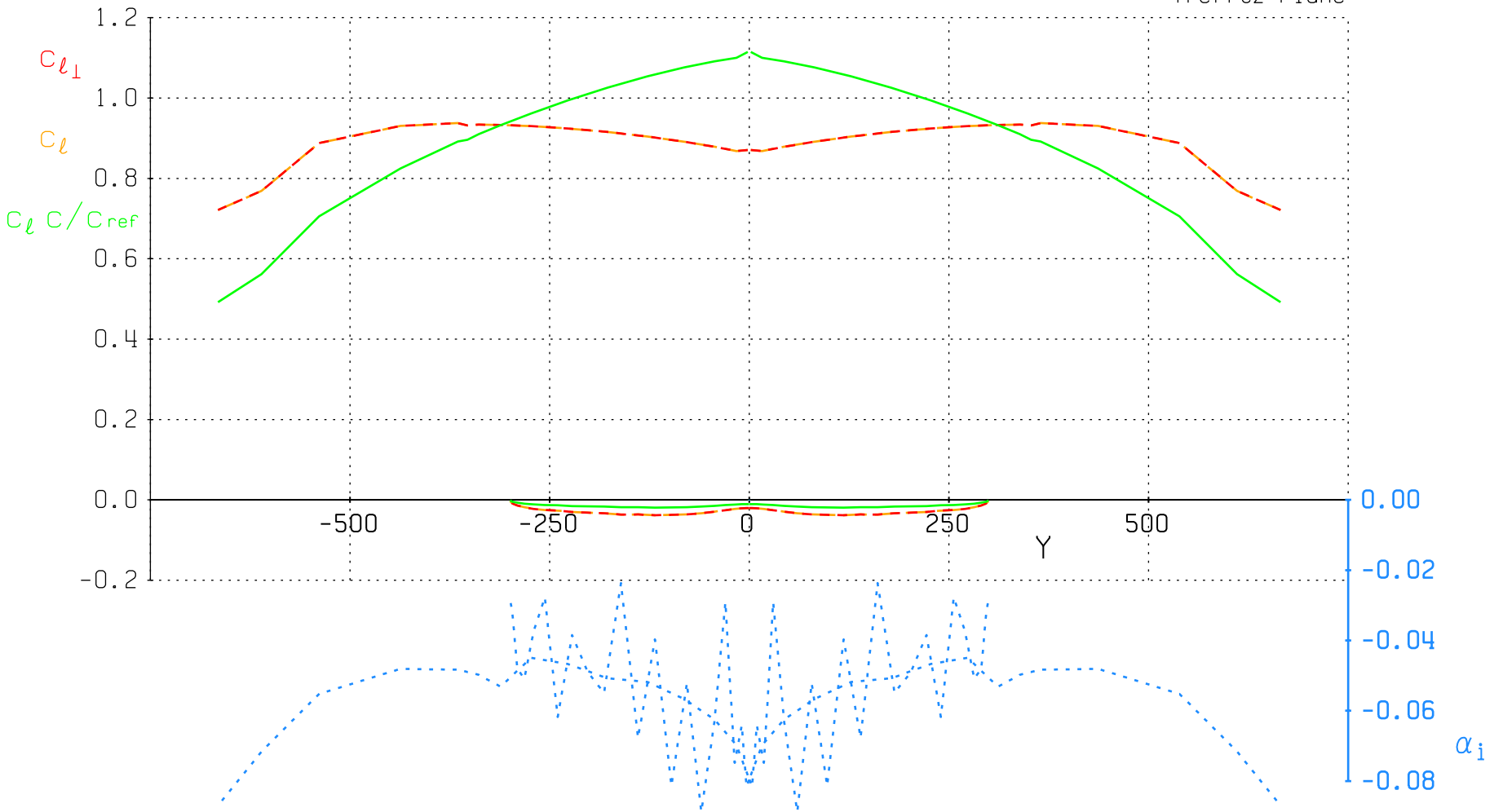


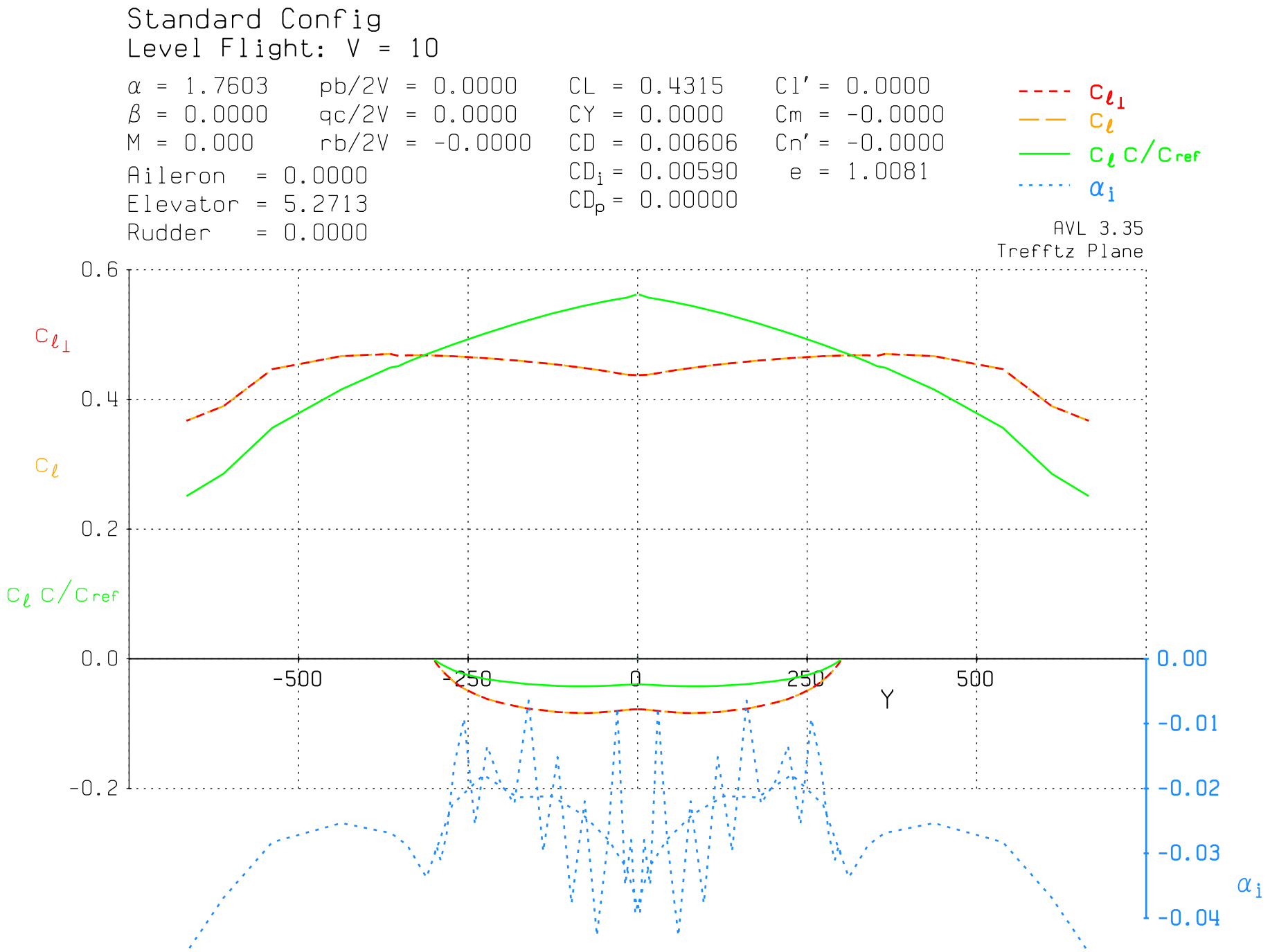
Standard Config
Level Flight: V = 7

α = 6.8209	pb/2V = 0.0000	CL = 0.8806	Cl' = 0.0000
β = 0.0000	qc/2V = 0.0000	CY = 0.0000	Cm = 0.0000
M = 0.000	rb/2V = 0.0000	CD = 0.02491	Cn' = -0.0000
		CD_i = 0.02464	e = 1.0093
Aileron = -0.0000		CD_p = 0.00000	
Elevator = 0.2529			
Rudder = 0.0000			

$C_{\ell_\perp}$
C_ℓ
$C_\ell\, C/C_{ref}$
α_i

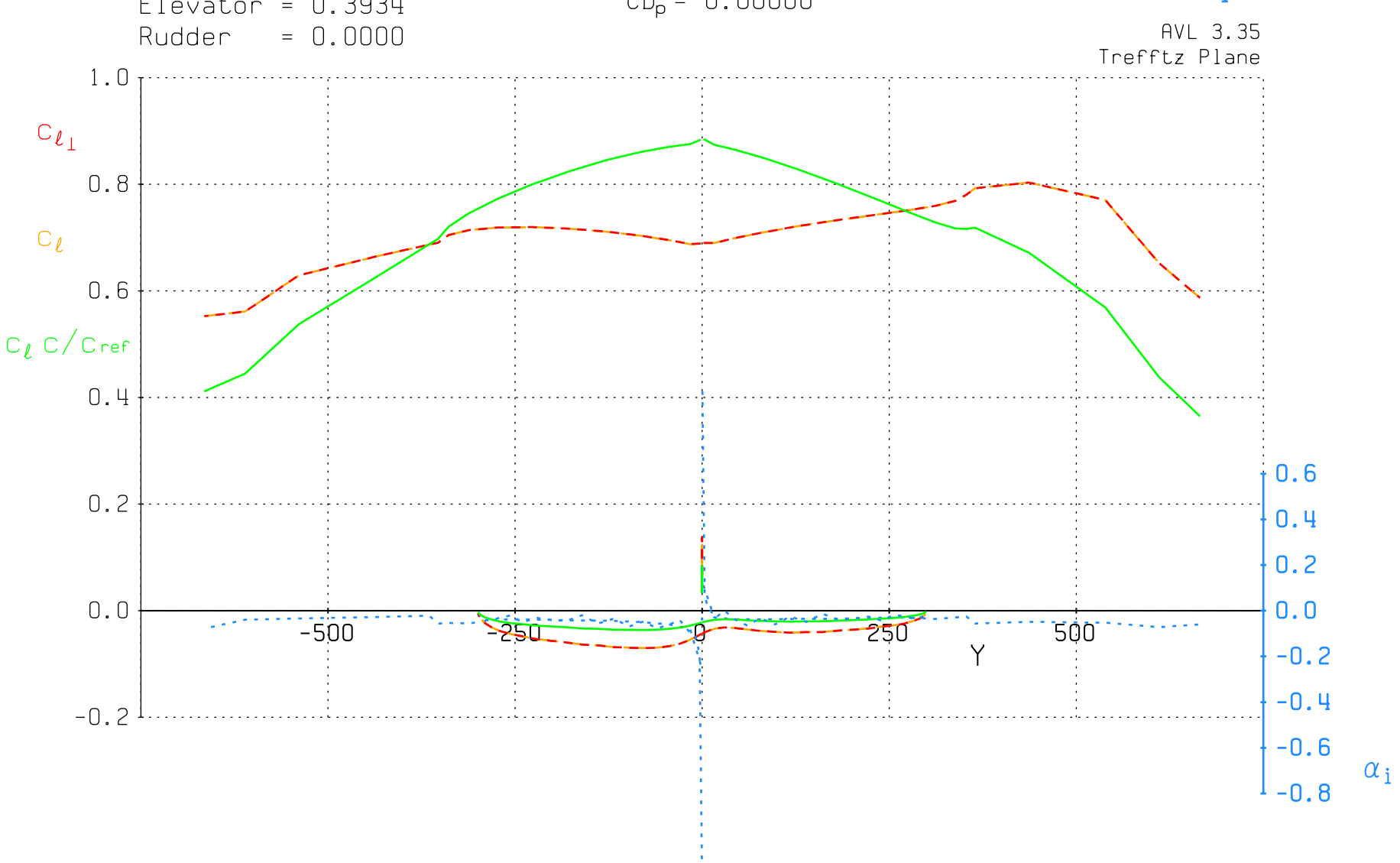
AVL 3.35
Trefftz Plane




Standard Config
Level Flight: V = 10
α = 1.7603
β = 0.0000
M = 0.000
pb/2V = 0.0000
qc/2V = 0.0000
rb/2V = -0.0000
Aileron = 0.0000
Elevator = 5.2713
Rudder = 0.0000
CL = 0.4315
CY = 0.0000
CD = 0.00606
CDi = 0.00590
CDp = 0.00000
Cl' = 0.0000
Cm = -0.0000
Cn' = -0.0000
e = 1.0081
Cℓ1
Cℓ
Cℓ C/Cref
αi
AVL 3.35
Trefftz Plane
0.6
0.4
0.2
0.0
-0.2
-500
-250
0
250
500
Y
0.00
-0.01
-0.02
-0.03
-0.04

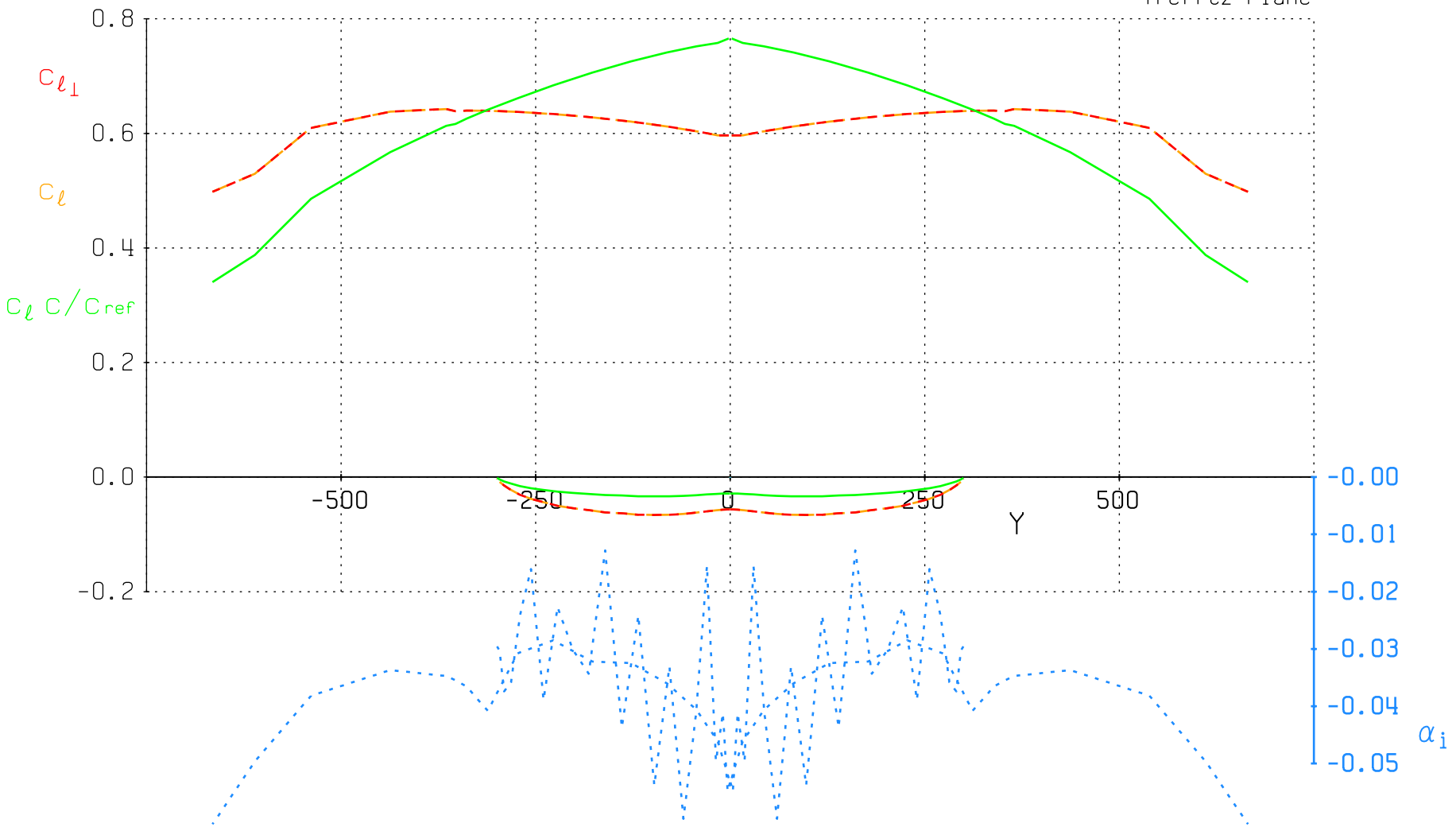
Standard Config
Level Turn: V = 8.5 B = 30

α = 4.5221	pb/2V = -0.0038	CL = 0.6896	Cl' = 0.0000
β = 0.0000	qc/2V = 0.0029	CY = 0.0076	Cm = 0.0000
M = 0.000	rb/2V = 0.0481	CD = 0.01523	Cn' = -0.0030
Aileron = 2.0063		CD_i = 0.01530	e = 0.9961
Elevator = 0.3934		CD_p = 0.00000	
Rudder = 0.0000			



Standard Config
Level Flight: V = 8.5

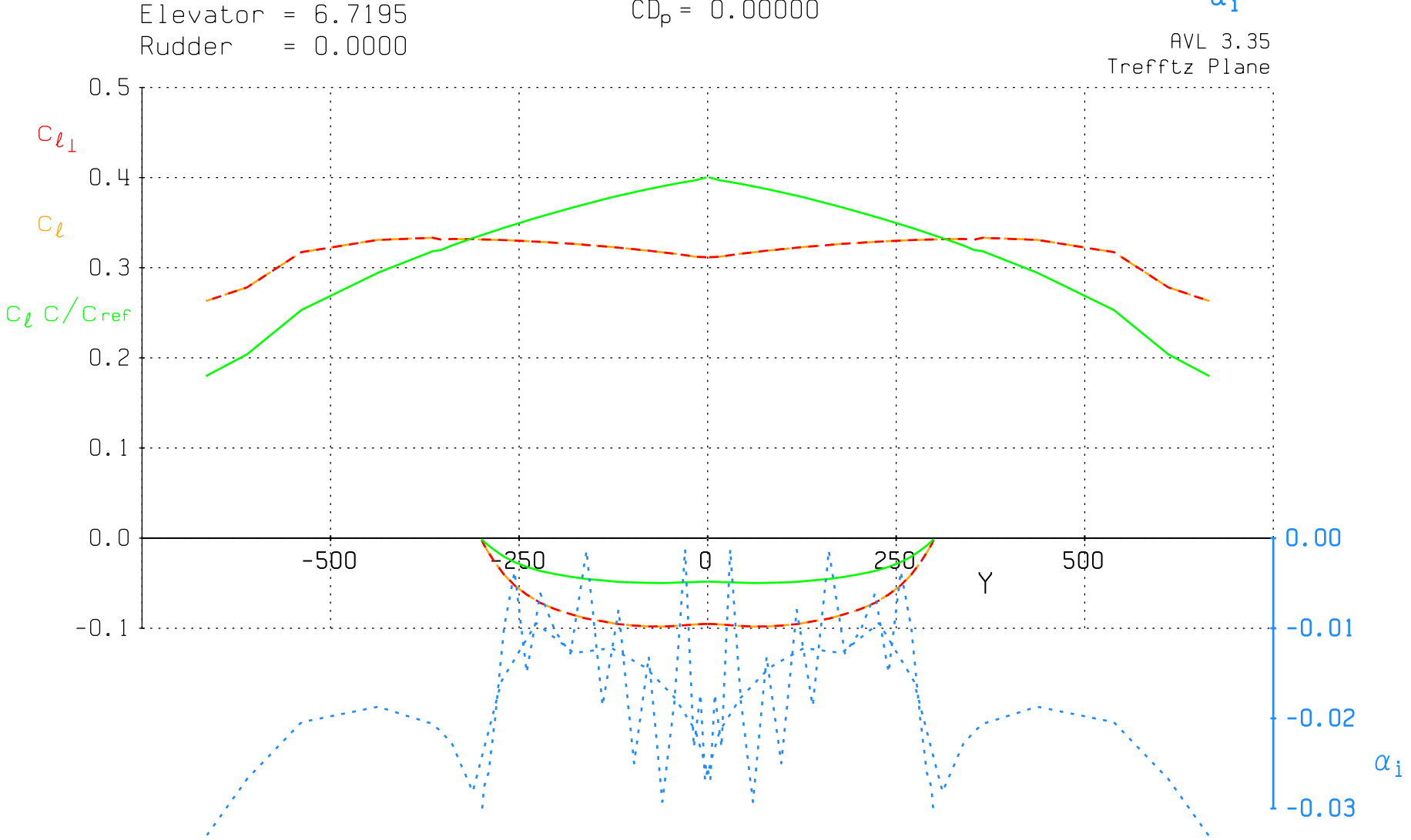
α = 3.6157	pb/2V = 0.0000	CL = 0.5972	Cl' = 0.0000
β = 0.0000	qc/2V = 0.0000	CY = 0.0000	Cm = 0.0000
M = 0.000	rb/2V = -0.0000	CD = 0.01151	Cn' = -0.0000
Aileron = -0.0000		CD_i = 0.01129	e = 1.0096
Elevator = 3.4388		CD_p = 0.00000	
Rudder = 0.0000			



Standard Config
Level Flight: V = 12

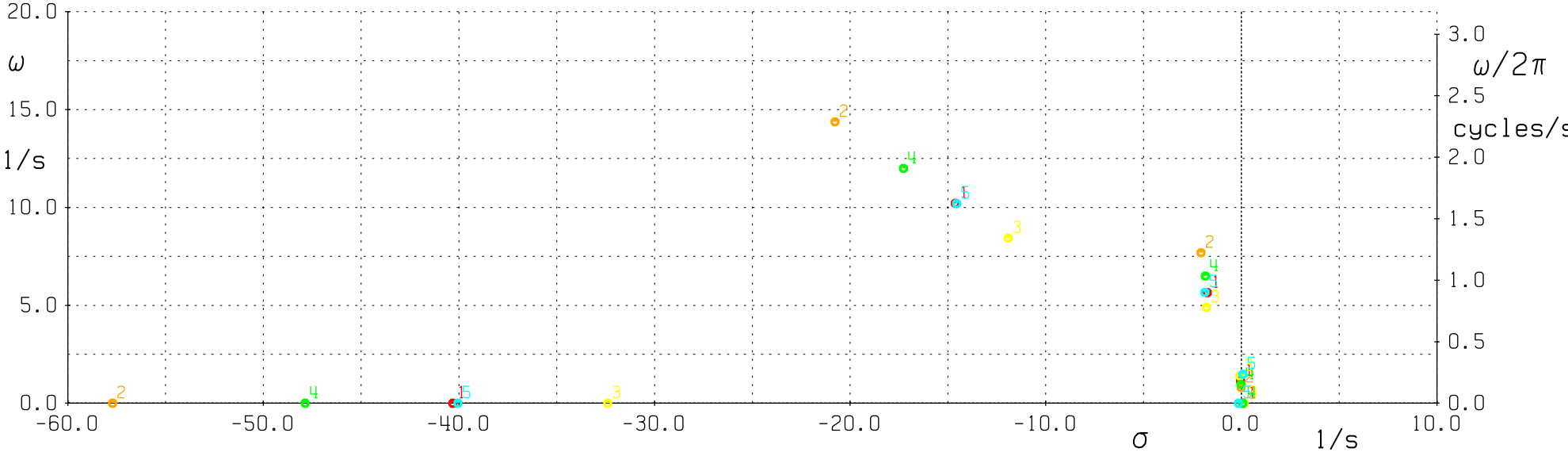
α = 0.2908	pb/2V = -0.0000	CL = 0.2996	Cl' = 0.0000
β = 0.0000	qc/2V = 0.0000	CY = 0.0000	Cm = 0.0000
M = 0.000	rb/2V = 0.0000	CD = 0.00298	Cn' = -0.0000
		CD_i = 0.00286	e = 1.0014
		CD_p = 0.00000	

Aileron = 0.0000
Elevator = 6.7195
Rudder = 0.0000



Standard Config

	α°	β°	C_L	C_{Do}	bank	V	ρ	R_{turn}	X_{cg}	Z_{cg}	mass
1:	3.616	0.0	0.5972	0.0	0.0	8.500	1.000	0.0	56.29	4.731	0.4450
2:	0.2908	0.0	0.2996	0.0	0.0	12.00	1.000	0.0	56.29	4.731	0.4450
3:	6.821	0.0	0.8806	0.0	0.0	7.000	1.000	0.0	56.29	4.731	0.4450
4:	1.760	0.0	0.4315	0.0	0.0	10.00	1.000	0.0	56.29	4.731	0.4450
5:	4.522	0.0	0.6896	0.0	30.00	8.500	1.000	12.76	56.29	4.731	0.4450



Standard Config

	α°	β°	C_L	C_{Do}	bank	V	ρ	R_{turn}	X_{cg}	Z_{cg}	mass
1:	3.616	0.0	0.5972	0.0	0.0	8.500	1.000	0.0	56.29	4.731	0.4450
2:	0.2908	0.0	0.2996	0.0	0.0	12.00	1.000	0.0	56.29	4.731	0.4450
3:	6.821	0.0	0.8806	0.0	0.0	7.000	1.000	0.0	56.29	4.731	0.4450
4:	1.760	0.0	0.4315	0.0	0.0	10.00	1.000	0.0	56.29	4.731	0.4450
5:	4.522	0.0	0.6896	0.0	30.00	8.500	1.000	12.76	56.29	4.731	0.4450