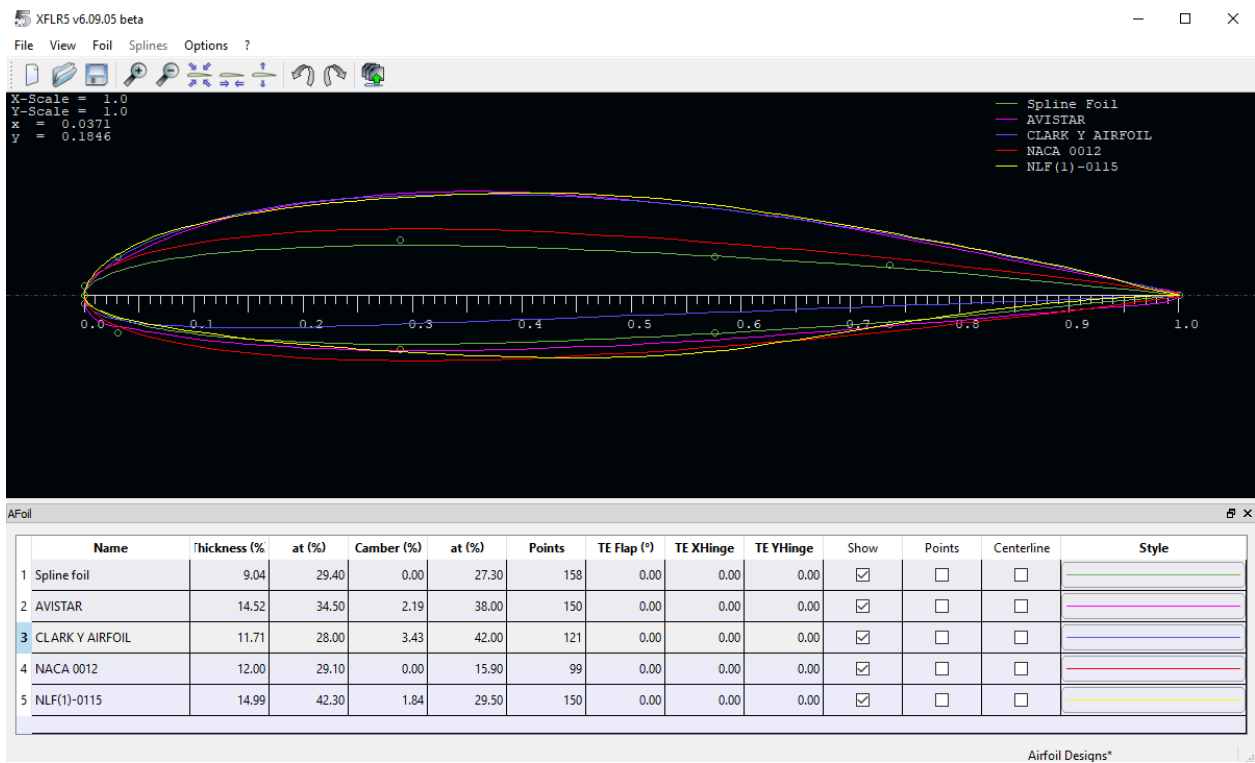
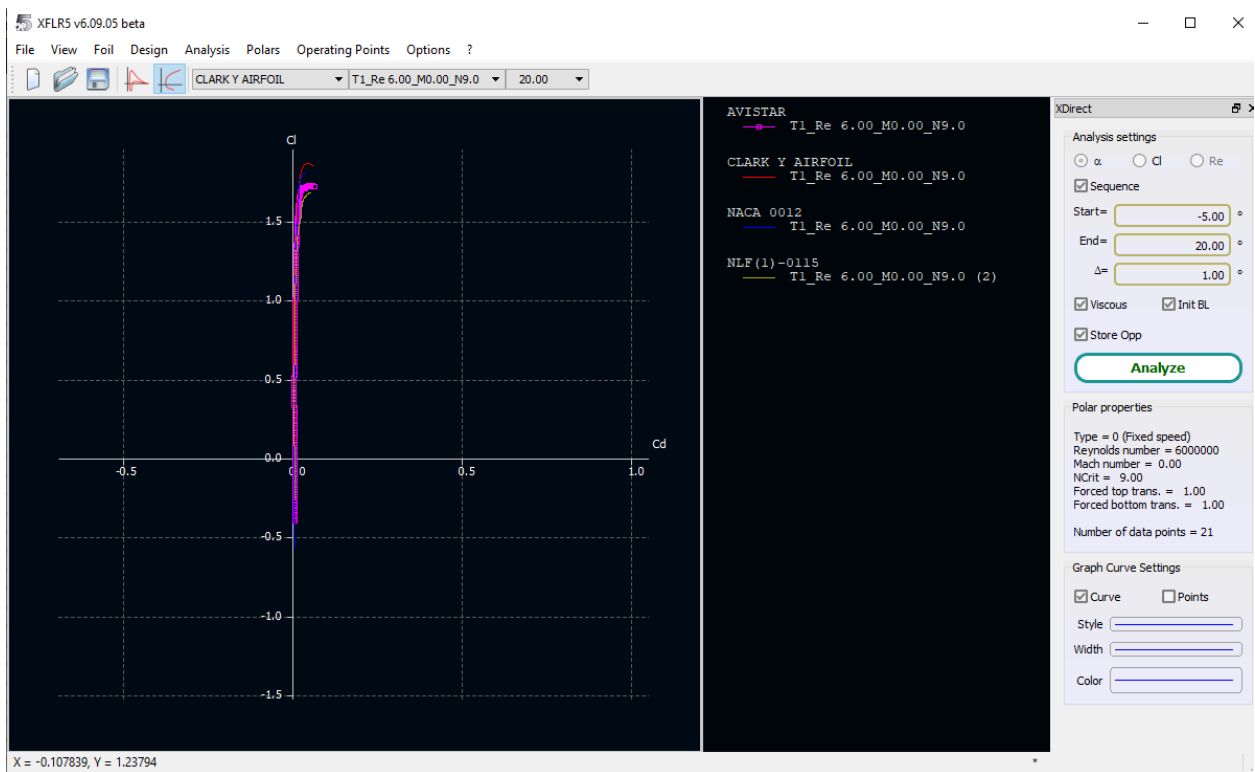


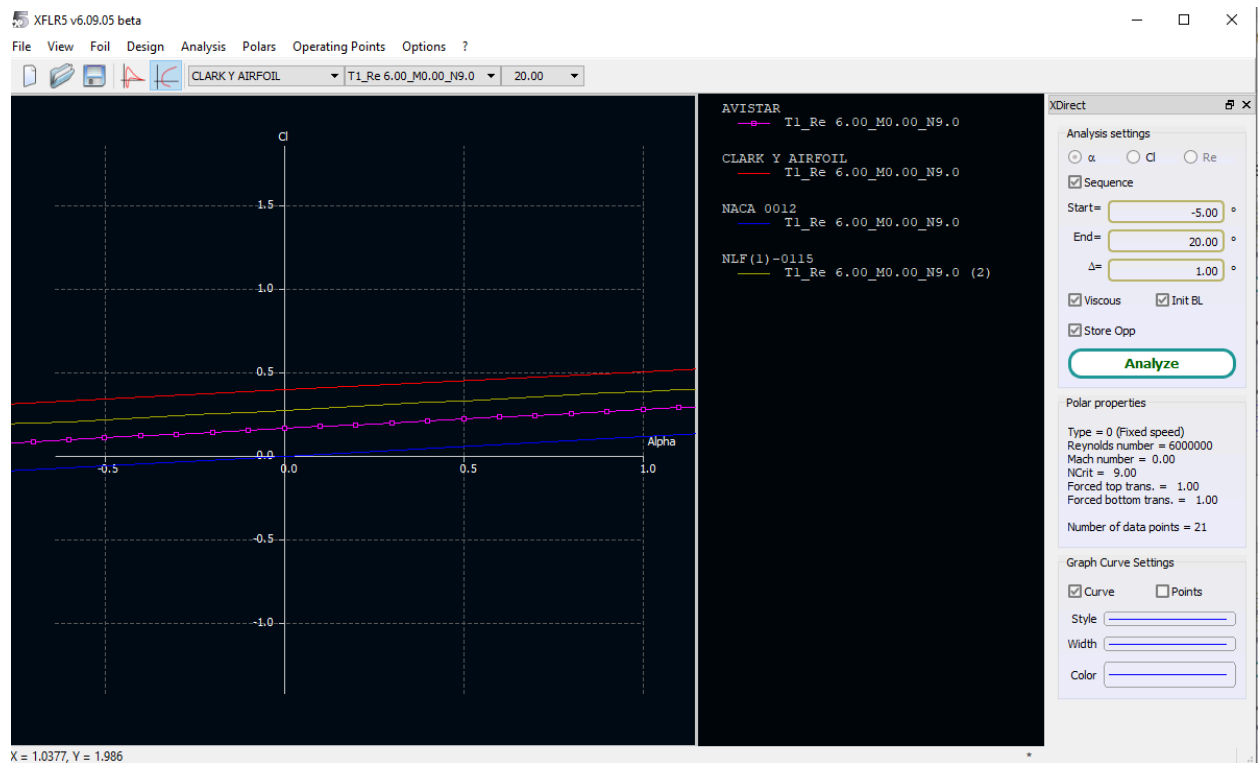
Airfoil Design



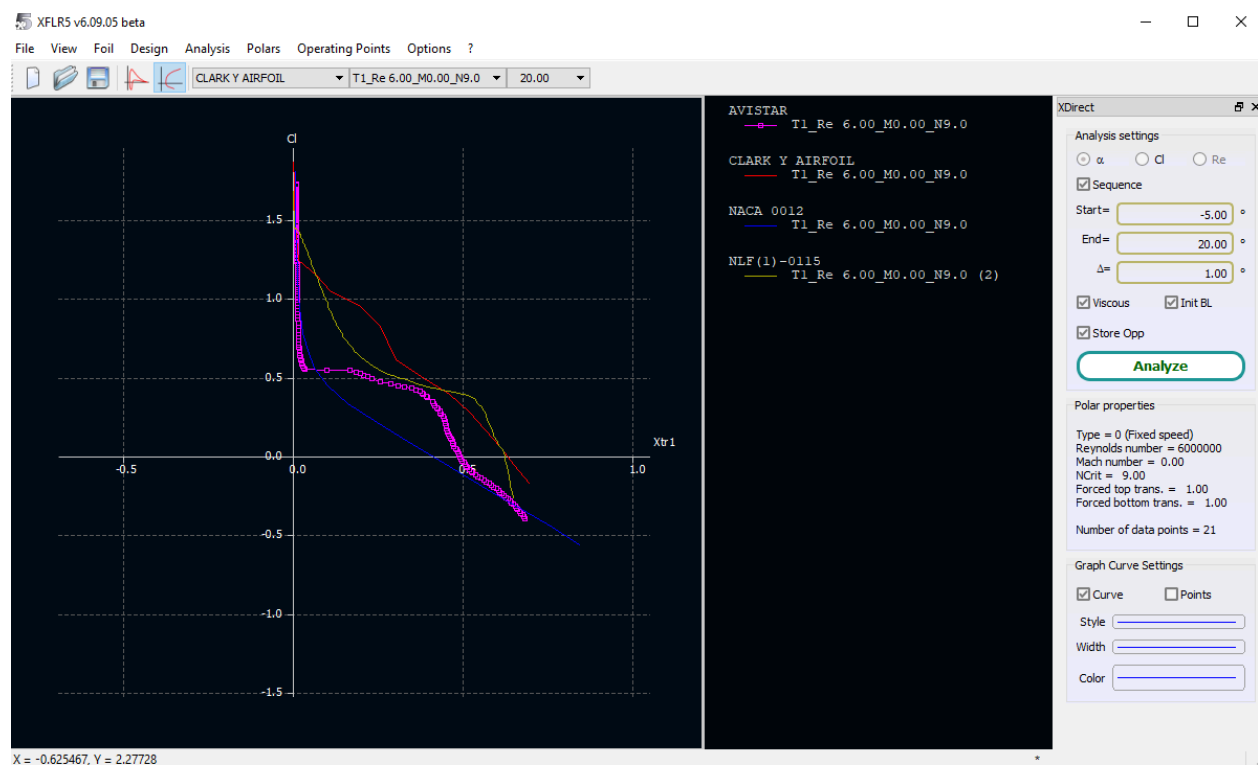
Cl vs Cd



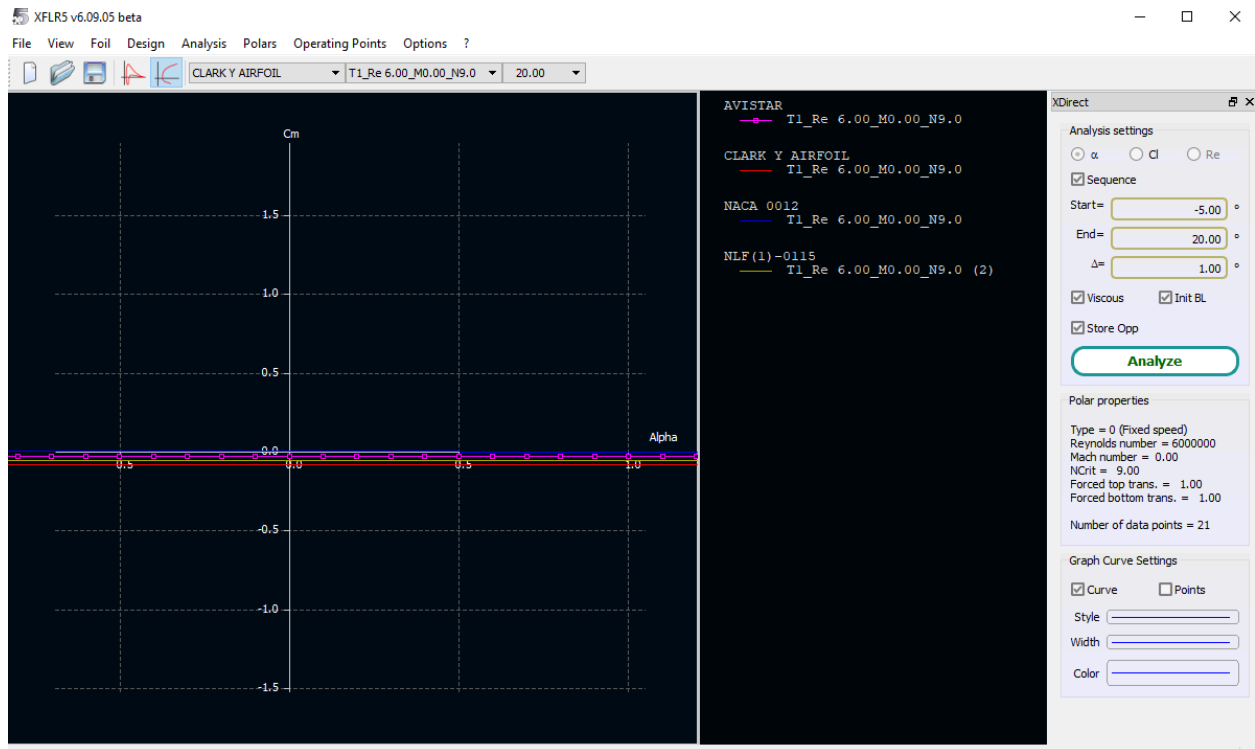
Cl vs Alpha



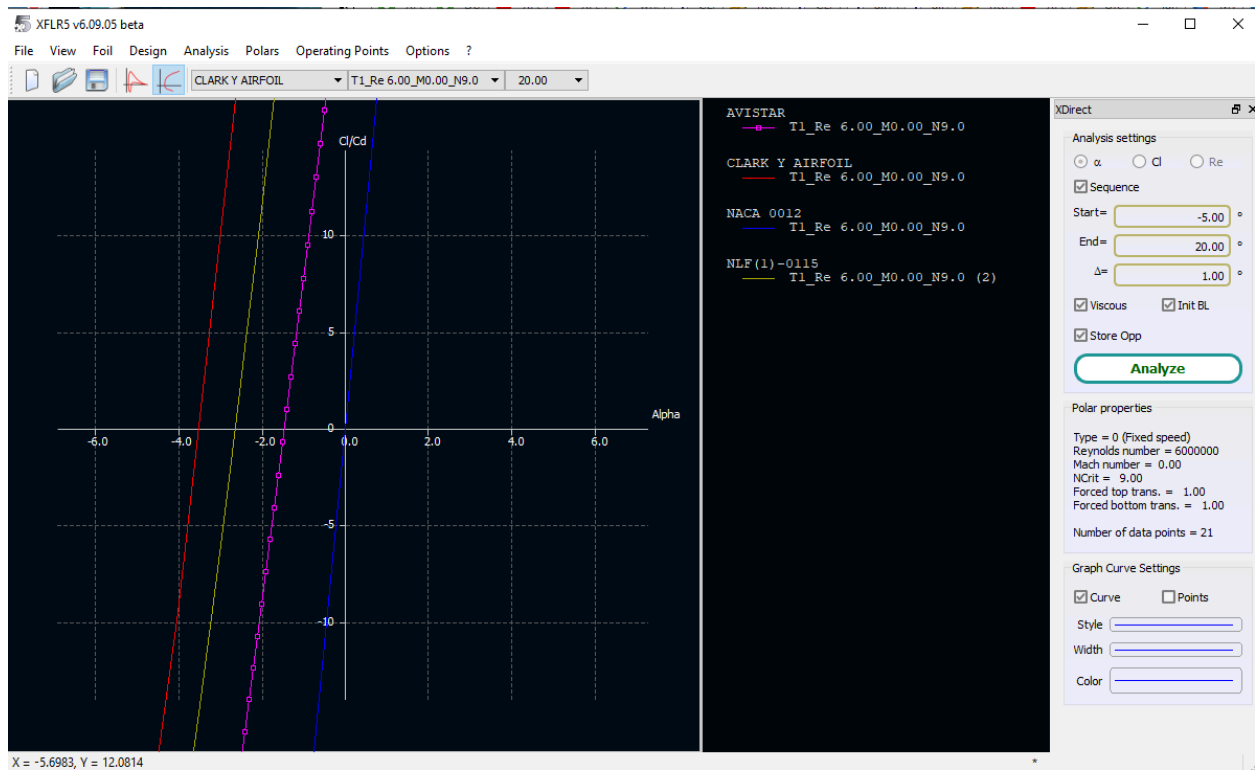
Cl vs Xtr.

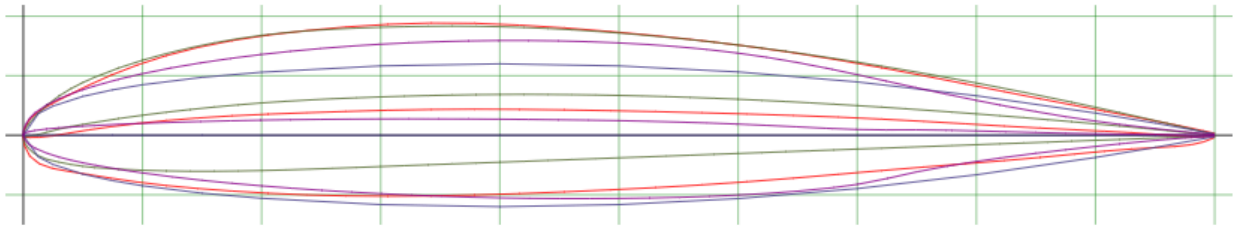


Cm vs Alpha



Glide ratio vs Alpha





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2032c-il - 20-32(▼) Add airfoil

■ (avistar-il) AVISTAR

■ (clarky-il) CLARK Y AIRFOIL

■ (naca001264-il) NACA 0012-64

■ (hsnlf213-il) HSNLF(1)-0213 AIRFOIL

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[SVG image as text file](#)

[Clear all](#)

Hobbico R/C Avistar trainer airfoil
Max thickness 14.5% at 34.2% chord
Max camber 2.3% at 37.9% chord

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[Airfoil details](#)
[Airfoil plotter](#)

CLARK Y airfoil
Max thickness 11.7% at 28% chord
Max camber 3.4% at 42% chord

[Remove](#)
[Airfoil details](#)
[Airfoil plotter](#)

NACA 0012-64 airfoil
Max thickness 12% at 40% chord
Max camber 0% at 0% chord

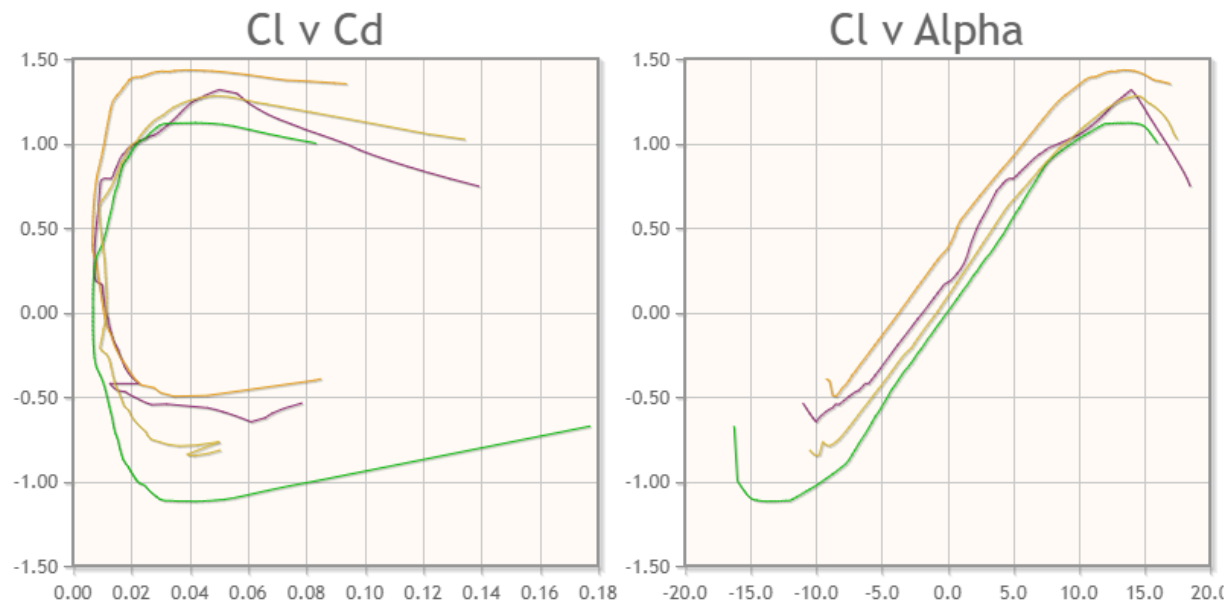
[Remove](#)
[Airfoil details](#)
[Airfoil plotter](#)

NASA/Langley HSNLF(1)-0213 high speed natural
laminar flow airfoil
Max thickness 13.3% at 42.4% chord
Max camber 1.4% at 32.4% chord

[Remove](#)
[Airfoil details](#)
[Airfoil plotter](#)

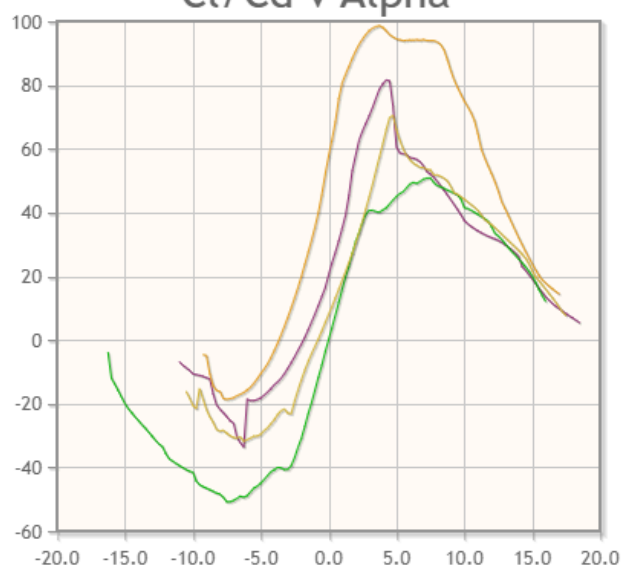
Graph Color Key

- = Avistar
- = Clark Y
- = Symmetric
- = Laminar

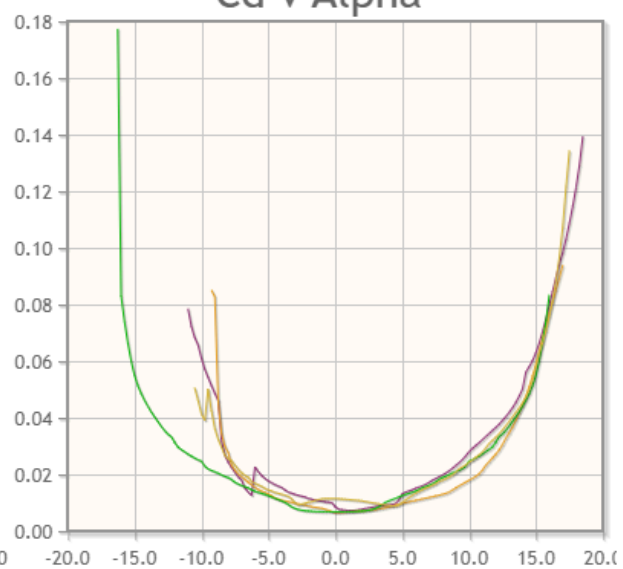


- Clark Y -> highest coefficient of lift for coefficient of drag, highest coefficient of lift for aoa

Cl/Cd v Alpha



Cd v Alpha



Cm v Alpha

