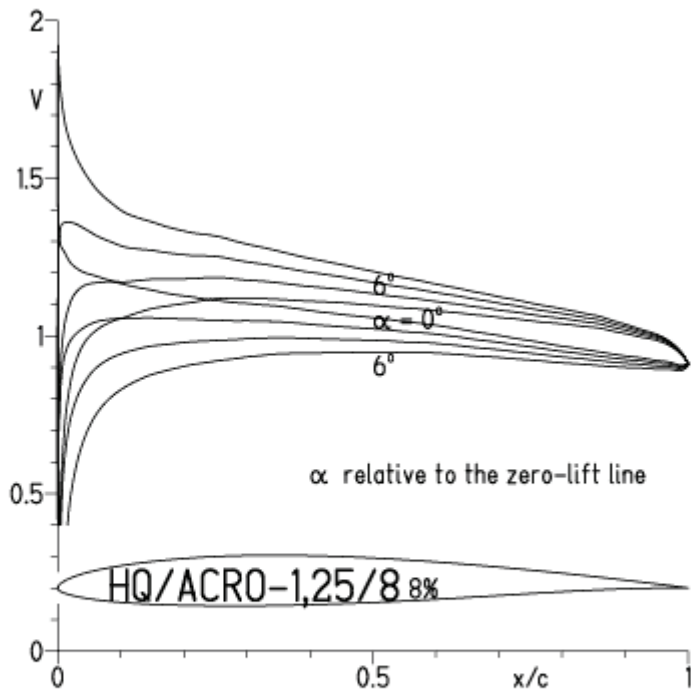


HQ/ACRO-1,25/8, N=11

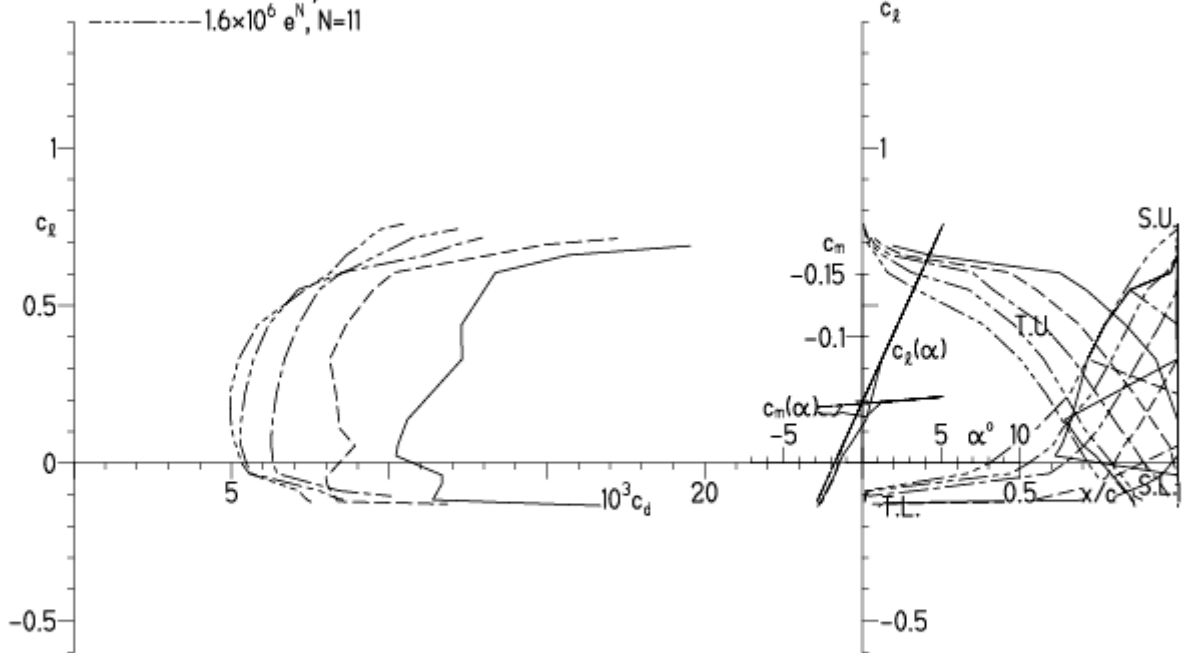
EPPLER 2005 V. 8.5.07 RUN 14.3.12 12:58



EPPLER 2005 V. 8.5.07 RUN 14.3.12 12:58

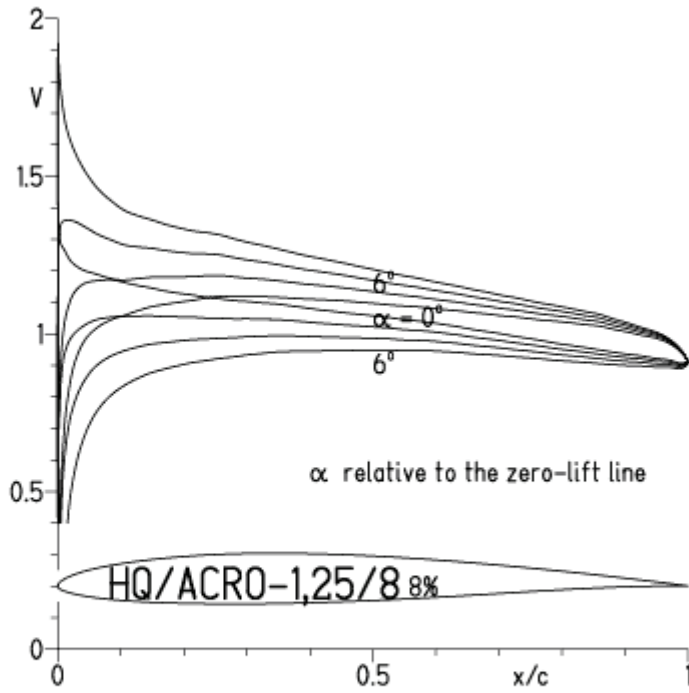
HQ/ACRO-1,25/8 8%

- $Re = 0.1 \times 10^6 e^N, N=11$
- - - $0.2 \times 10^6 e^N, N=11$
- · - $0.4 \times 10^6 e^N, N=11$
- · · - $0.8 \times 10^6 e^N, N=11$
- · · · - $1.6 \times 10^6 e^N, N=11$



HQ/ACRO-1,25/8, N=9

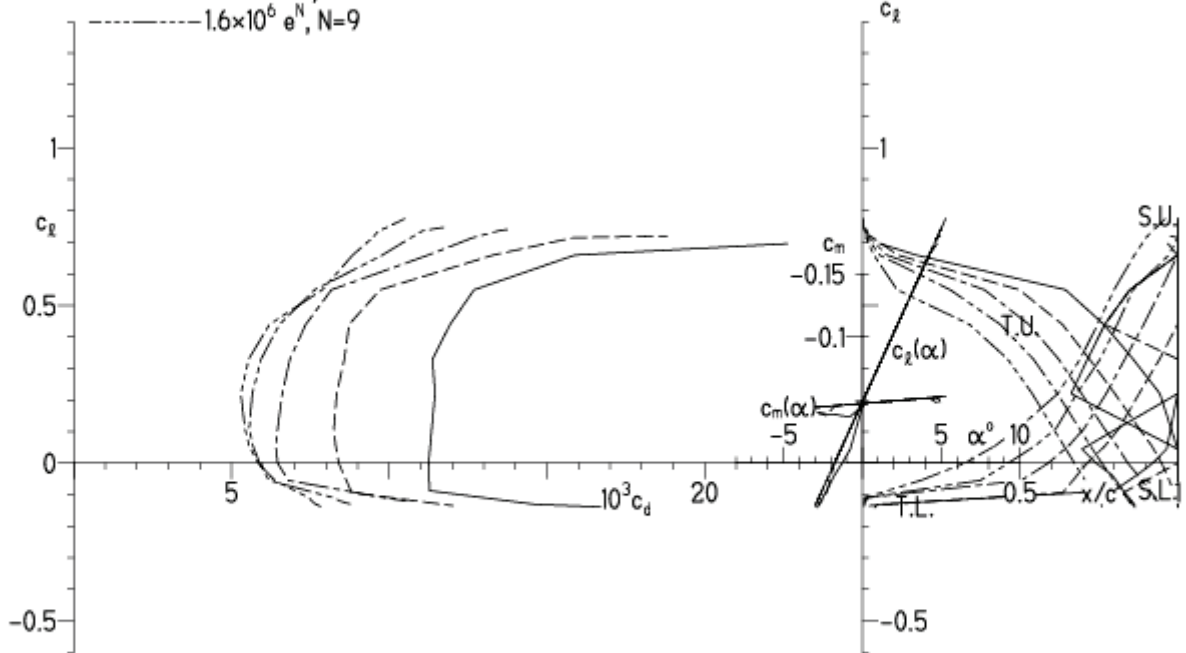
EPPLER 2005 V. 8.5.07 RUN 14.3.12 13:26



EPPLER 2005 V. 8.5.07 RUN 14.3.12 13:26

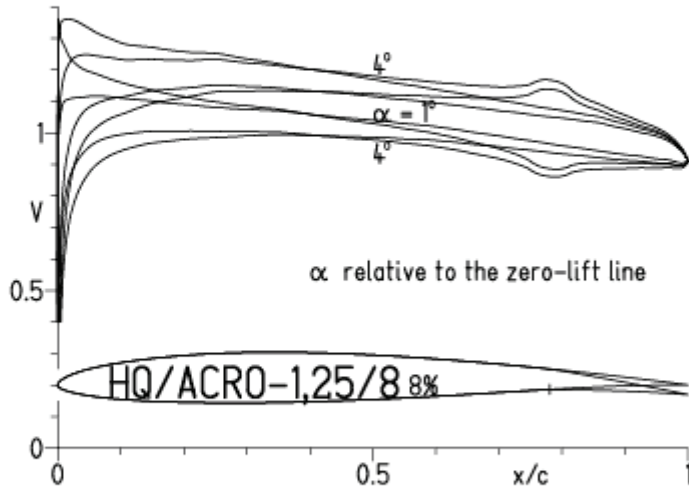
HQ/ACRO-1,25/8 8%

- $Re = 0.1 \times 10^6 e^N, N=9$
- - - $0.2 \times 10^6 e^N, N=9$
- · - $0.4 \times 10^6 e^N, N=9$
- · - · $0.8 \times 10^6 e^N, N=9$
- · - · - $1.6 \times 10^6 e^N, N=9$



HQ/ACRO-1,25/8, N=11, mit 4° Wölbklappenausschlag

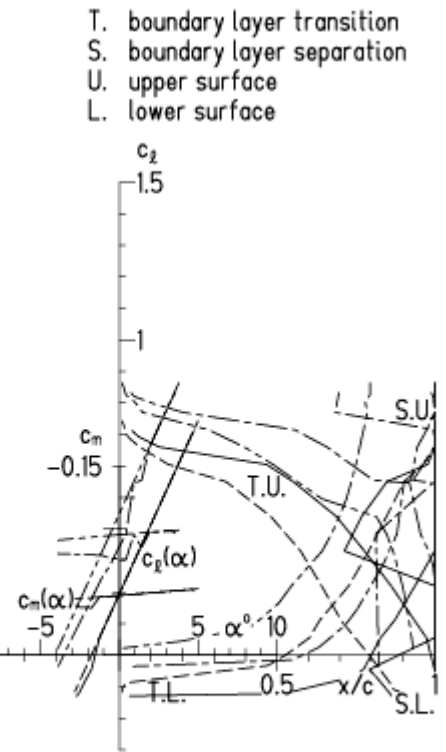
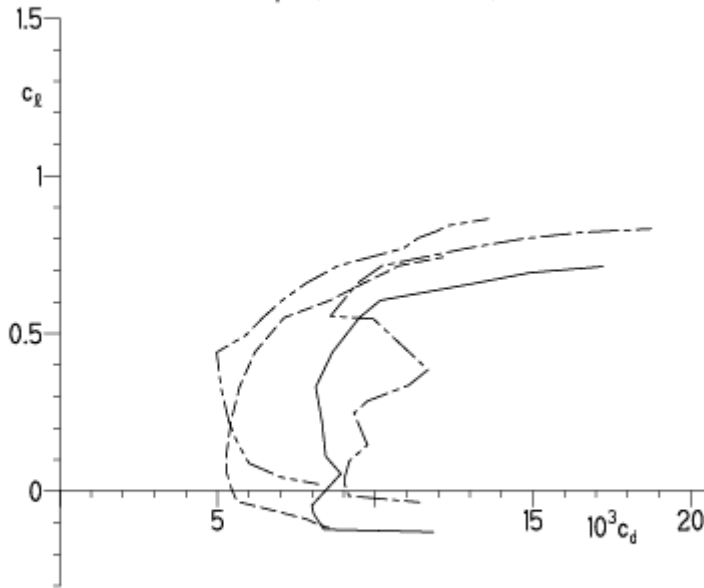
EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:54



EPPLER 2005 V. 8.5.07 R

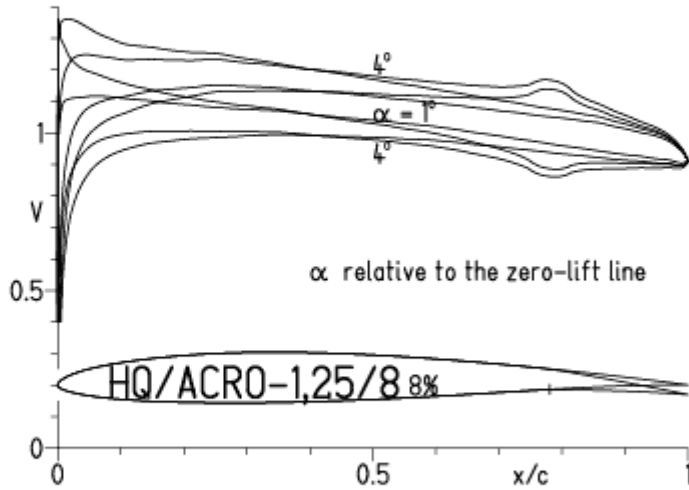
HQ/ACRO-1,25/8 8%

- $Re = 0.2 \times 10^6 e^N$, N=11
- - - $0.8 \times 10^6 e^N$, N=11
- · - · 22% Flap 4° , $Re = 0.2 \times 10^6 e^N$, N=11
- · - · 22% Flap 4° , $Re = 0.8 \times 10^6 e^N$, N=11



HQ/ACRO-1,25/8, N=9, mit 4° Wölbklappenausschlag

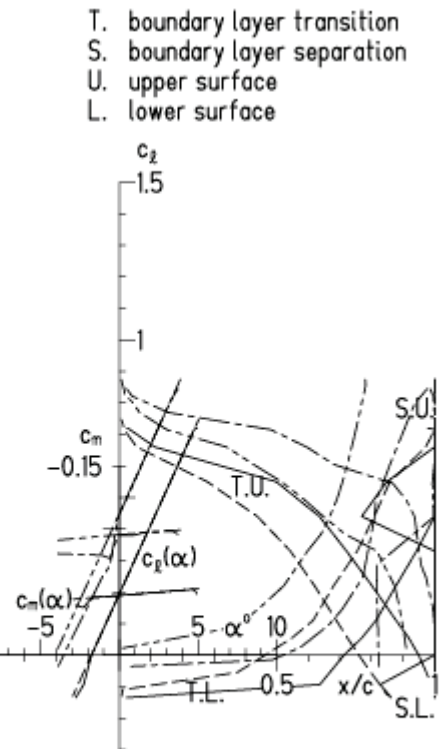
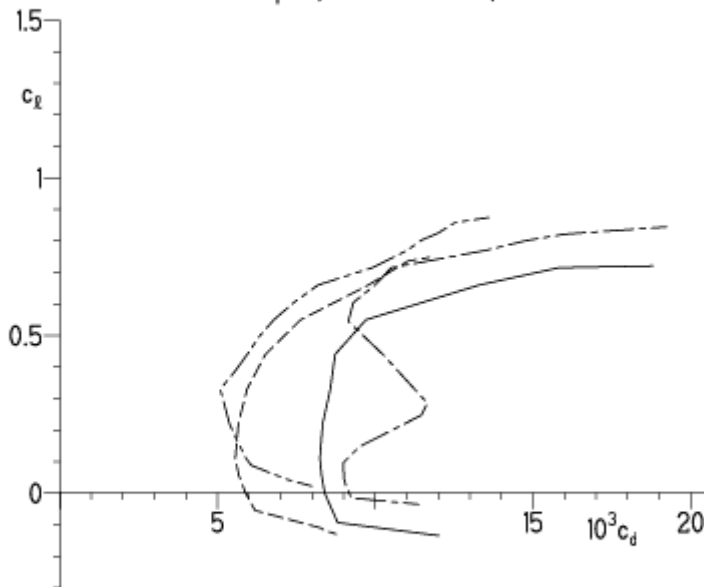
EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:57



EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:57

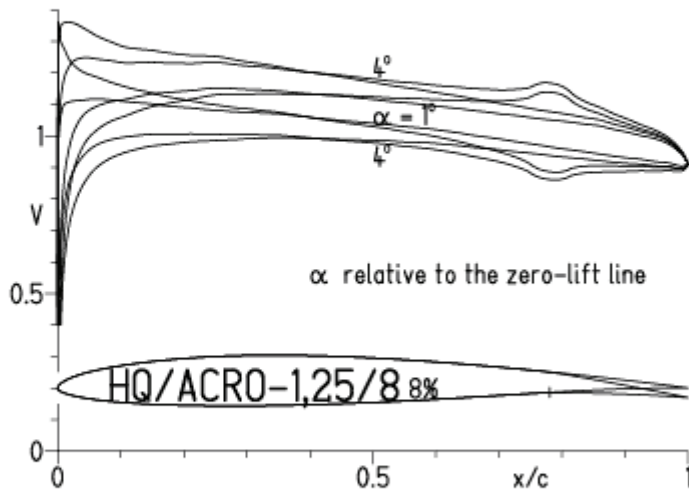
HQ/ACRO-1,25/8 8%

- $Re = 0.2 \times 10^6 e^N, N=9$
- - - $0.8 \times 10^6 e^N, N=9$
- · - · - 22% Flap 4°, $Re = 0.2 \times 10^6 e^N, N=9$
- · - · - 22% Flap 4°, $Re = 0.8 \times 10^6 e^N, N=9$



HQ/ACRO-1,25/8, N=9, mit 4° Wölbklappenausschlag, Turbulatoreffekt
 (optimale Turbulatorposition bei 45% - 55% der Profiltiefe)

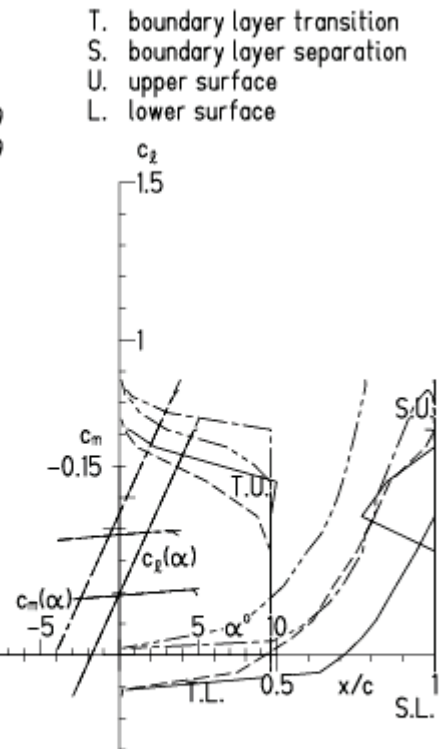
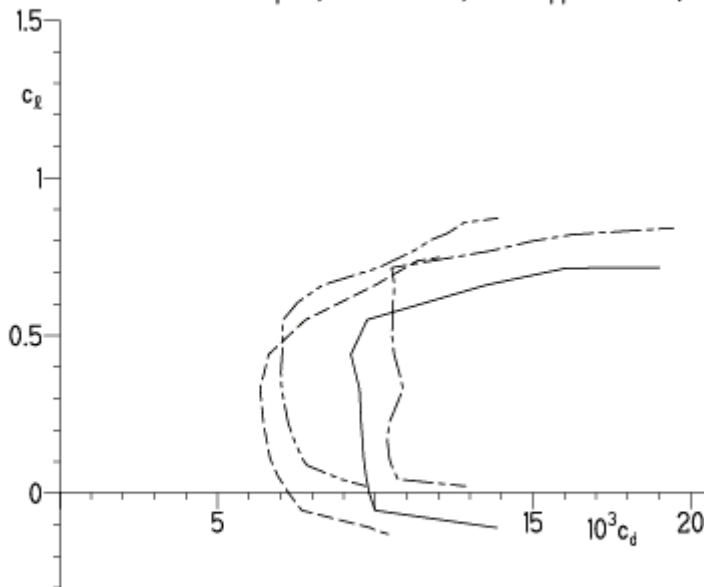
EPPLER 2005 V. 8.5.07 RUN 19.3.12 19:00



EPPLER 2005 V. 8.5.07 RUN 19.3.12 19:00

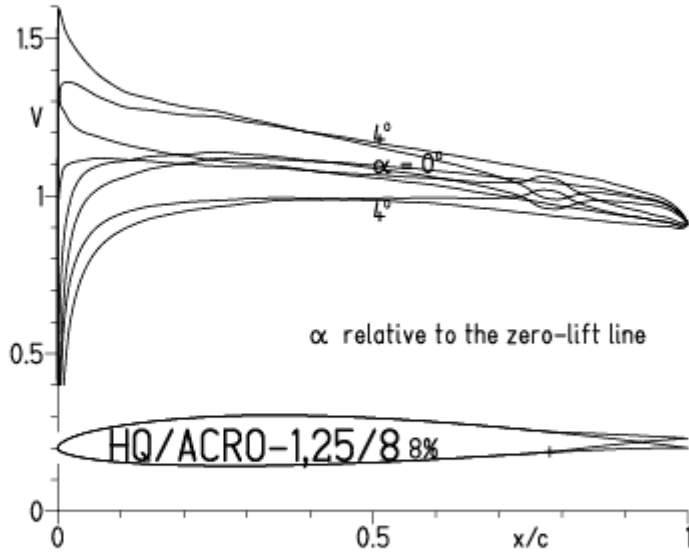
HQ/ACRO-1,25/8 8%

- $Re = 0.2 \times 10^6$, Turb. upper 4.8% e^N , N=9
- - - 0.8×10^6 , Turb. upper 4.8% e^N , N=9
- · - · 22% Flap 4° , $Re = 0.2 \times 10^6$, Turb. upper 4.8% e^N , N=9
- · - · 22% Flap 4° , $Re = 0.8 \times 10^6$, Turb. upper 4.8% e^N , N=9



HQ/ACRO-1,25/8, N=11, mit -4° Wölbklappenausschlag (Schnellflug)

EPPLER 2005 V. 8.5.07 RUN 19.3.12 19:02

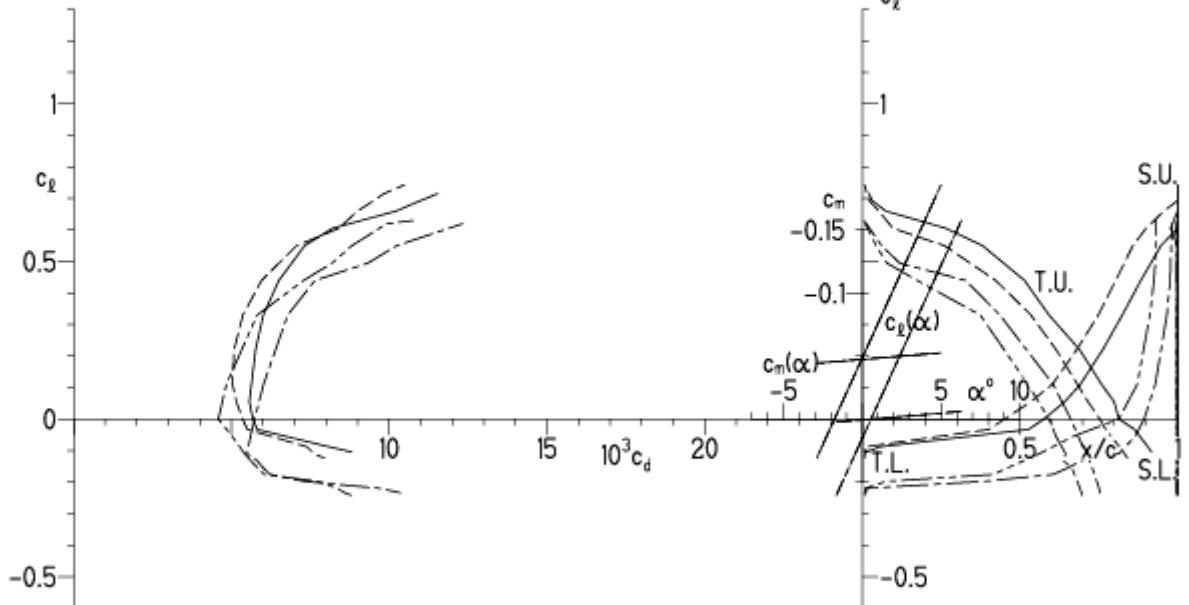


EPPLER 2005 V. 8.5.07 RUN 19.3.12 19:02

HQ/ACRO-1,25/8 8%

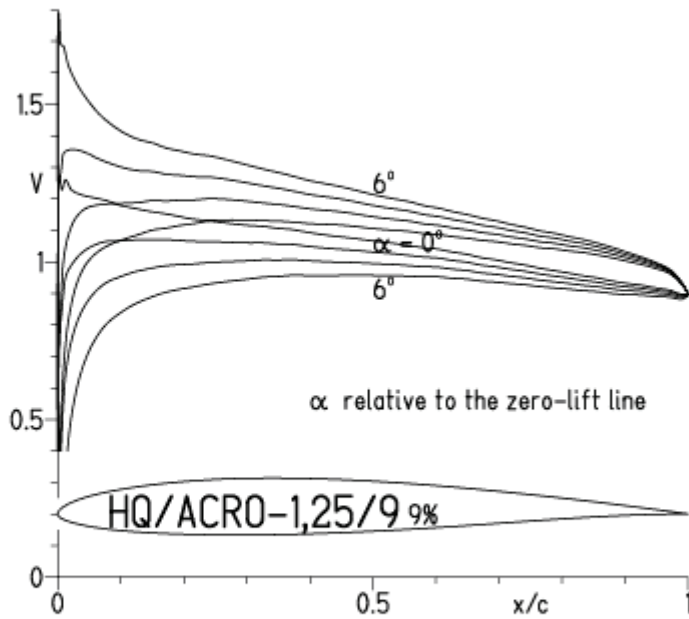
- $Re = 0.6 \times 10^6 e^N, N=11$
- - - $1.2 \times 10^6 e^N, N=11$
- · - · - 22% Flap -4°, $Re = 0.6 \times 10^6 e^N, N=11$
- · - · - 22% Flap -4°, $Re = 1.2 \times 10^6 e^N, N=11$

- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface



HQ/ACRO-1,25/9, N=11

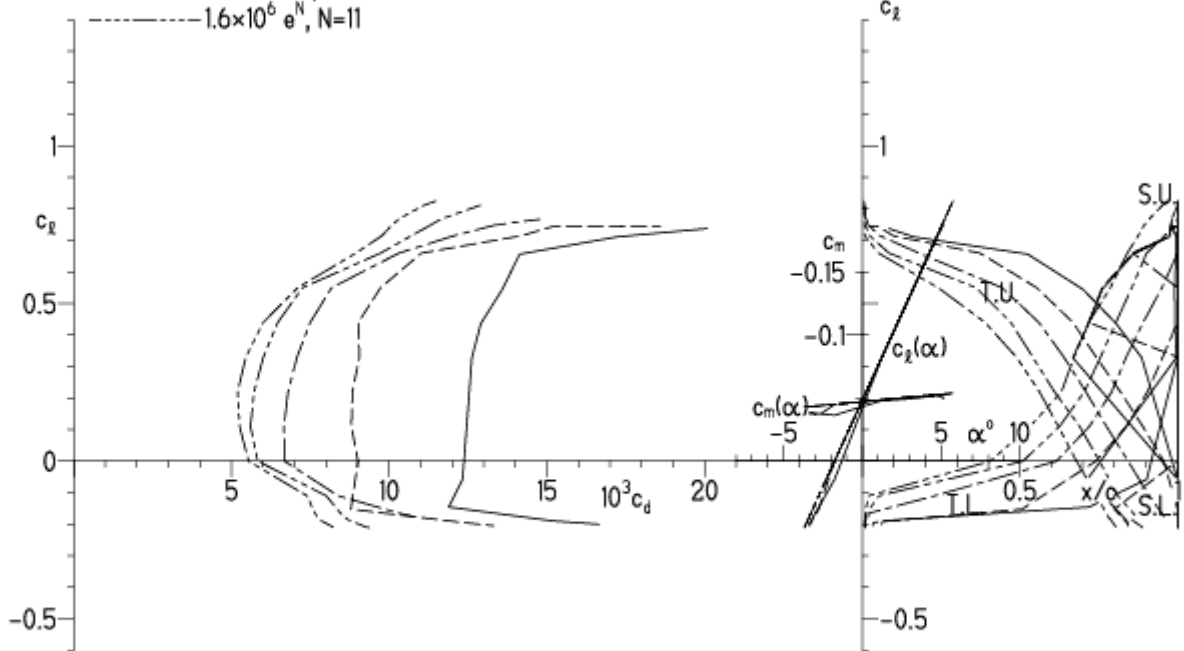
EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:27



EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:27

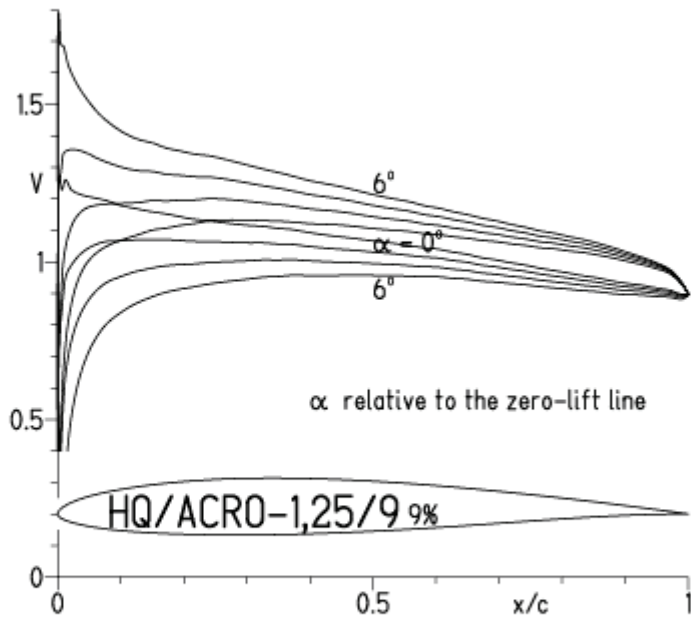
HQ/ACRO-1,25/9 9%

- $Re = 0.1 \times 10^6 e^N, N=11$
- - - $0.2 \times 10^6 e^N, N=11$
- · - $0.4 \times 10^6 e^N, N=11$
- · · - $0.8 \times 10^6 e^N, N=11$
- · · · - $1.6 \times 10^6 e^N, N=11$



HQ/ACRO-1,25/9, N=9

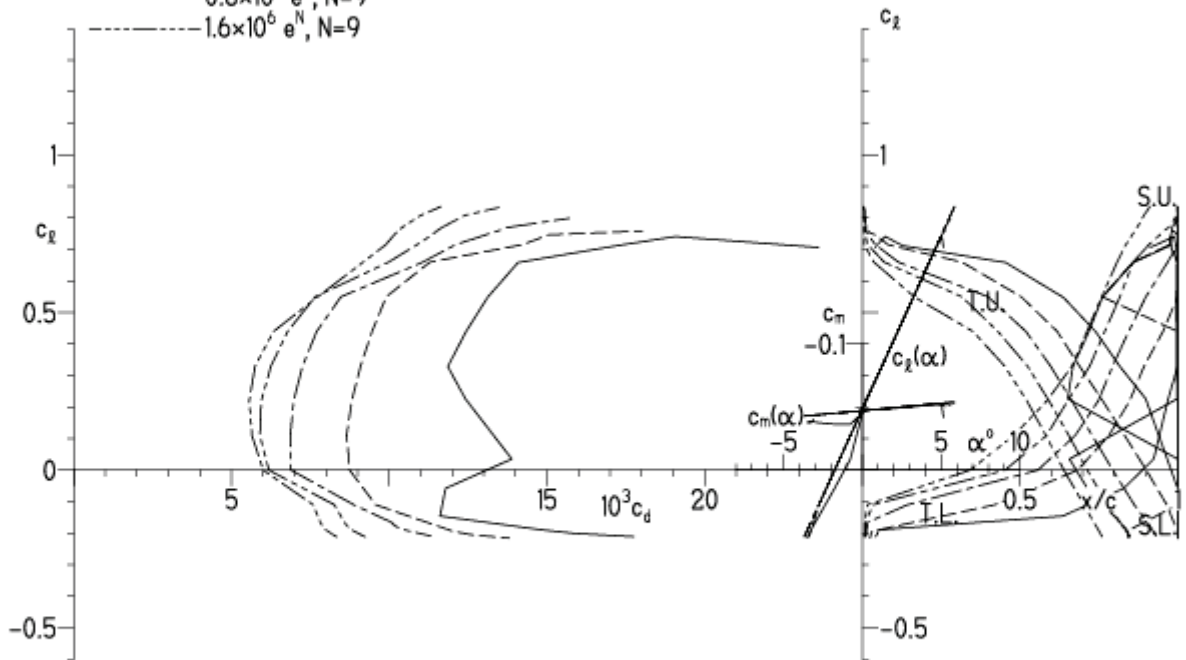
EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:31



EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:31

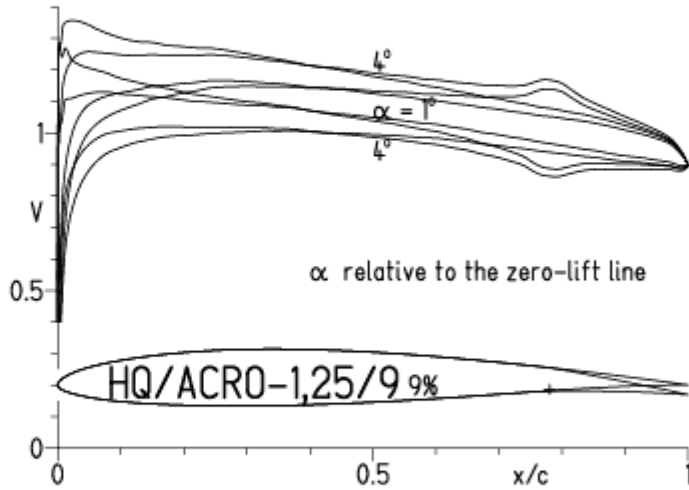
HQ/ACRO-1,25/9 9%

- $Re = 0.1 \times 10^6 e^N, N=9$
- - - $0.2 \times 10^6 e^N, N=9$
- · - $0.4 \times 10^6 e^N, N=9$
- · - · $0.8 \times 10^6 e^N, N=9$
- · - · - $1.6 \times 10^6 e^N, N=9$

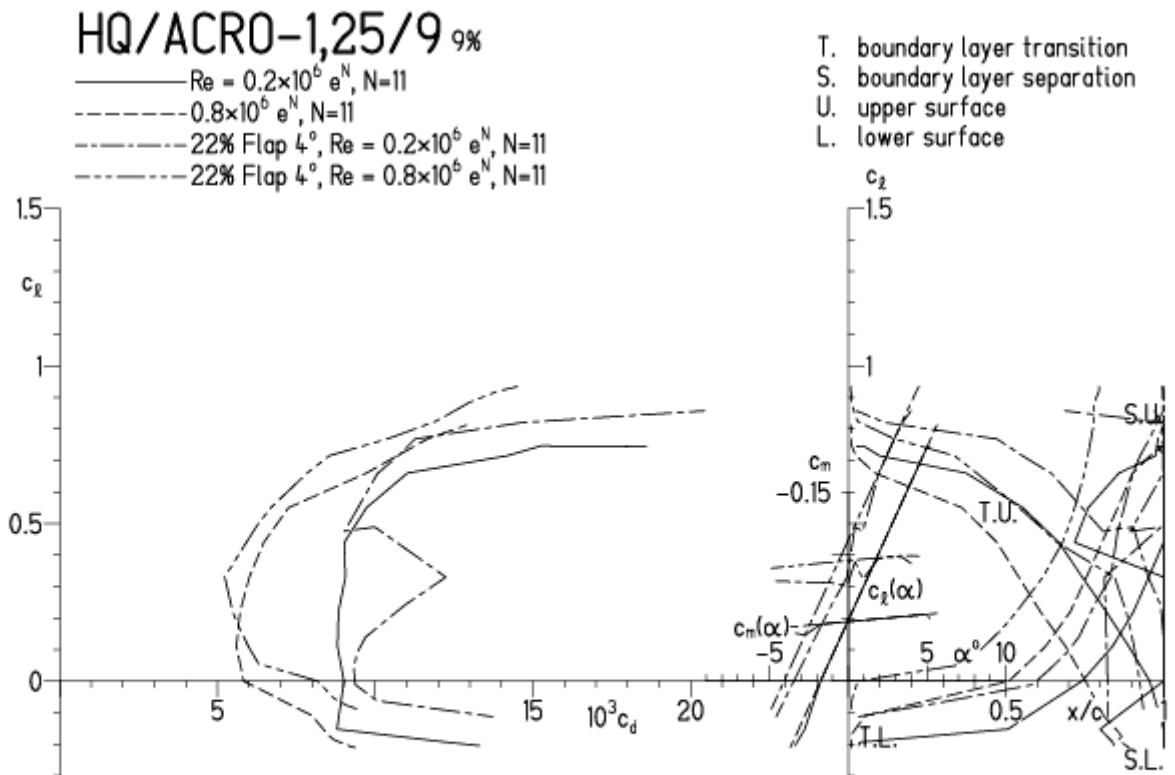


HQ/ACRO-1,25/9, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:45

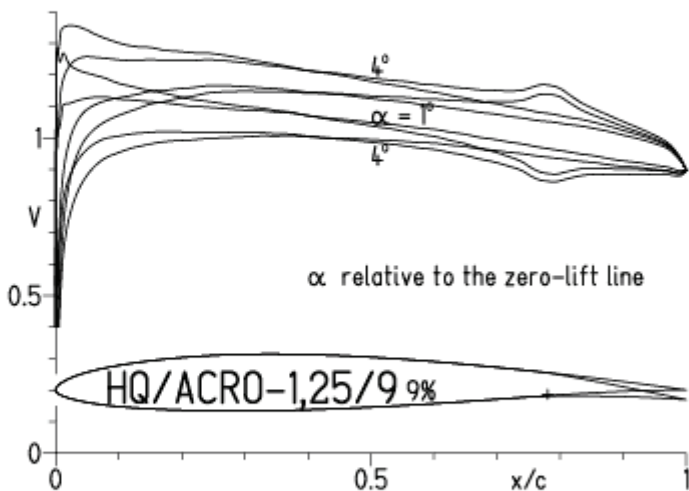


EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:45

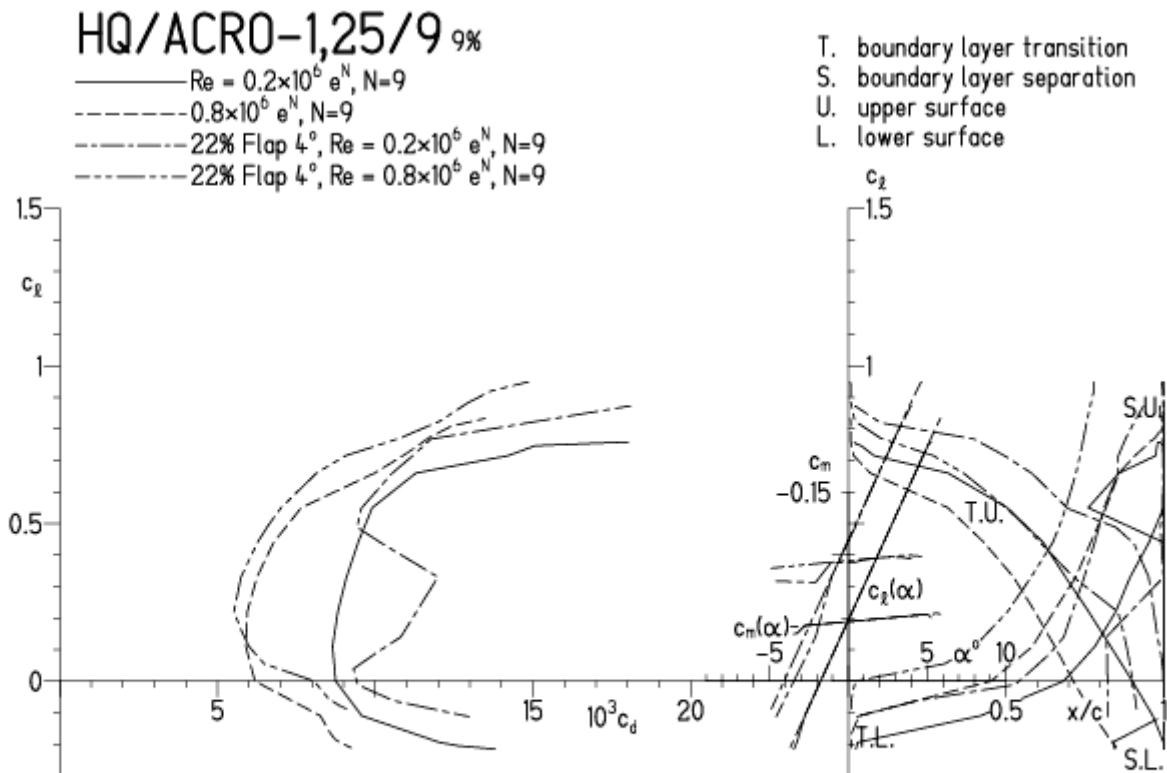


HQ/ACRO-1,25/9, N=9, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:38

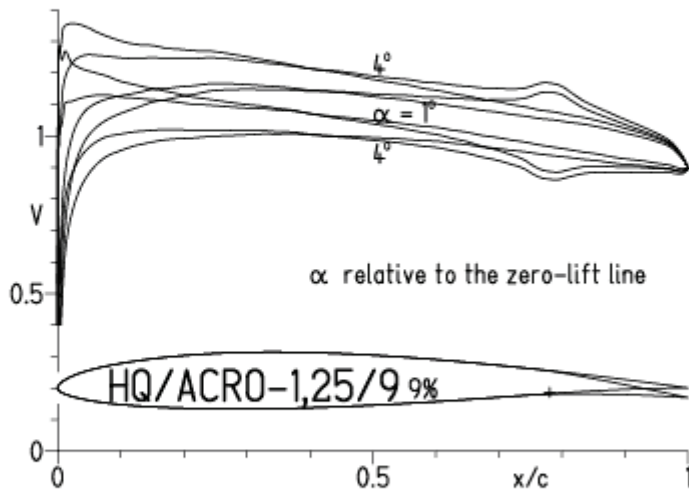


EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:38



HQ/ACRO-1,25/9, N=9, mit 4° Wölbklappenausschlag, Turbulatoreffekt
 (optimale Turbulatorposition bei 45% - 55% der Profiltiefe)

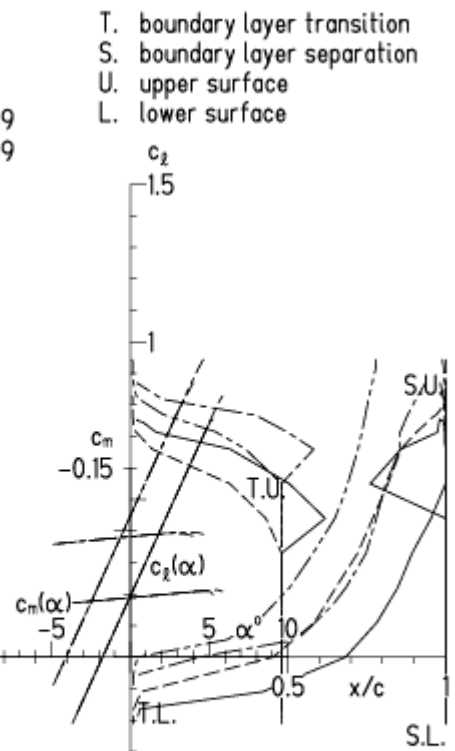
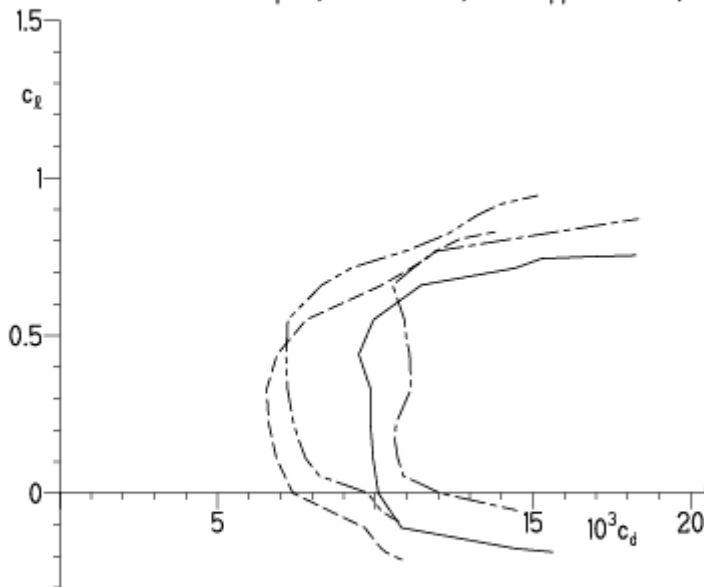
EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:42



EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:42

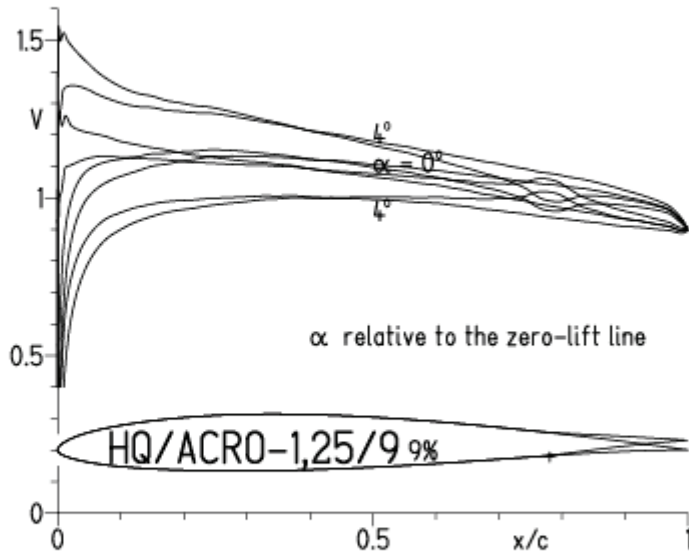
HQ/ACRO-1,25/9 9%

- $Re = 0.2 \times 10^6$, Turb. upper 4.8% e^N , N=9
- - - 0.8×10^6 , Turb. upper 4.8% e^N , N=9
- · - · 22% Flap 4°, $Re = 0.2 \times 10^6$, Turb. upper 4.8% e^N , N=9
- · - · 22% Flap 4°, $Re = 0.8 \times 10^6$, Turb. upper 4.8% e^N , N=9



HQ/ACRO-1,25/9, N=11, mit -4° Wölbklappenausschlag (Schnellflug)

EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:51

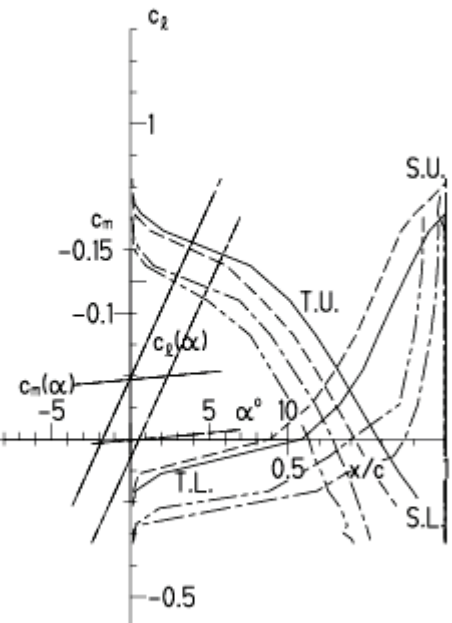
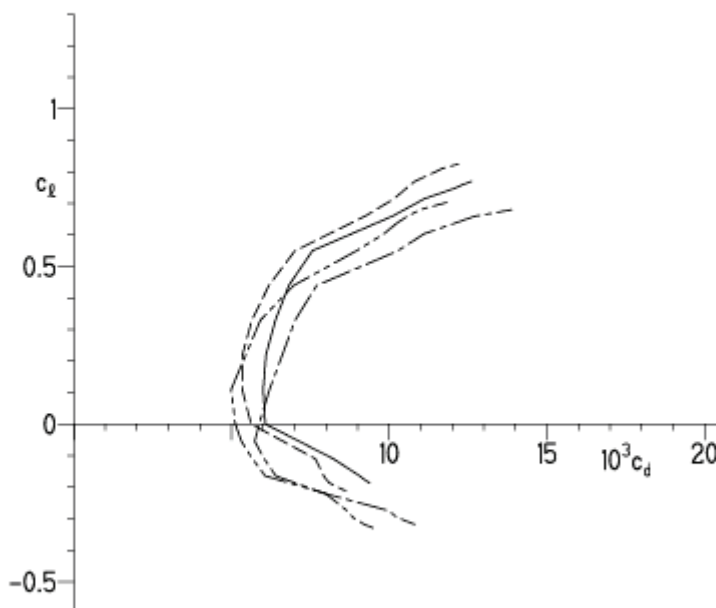


EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:51

HQ/ACRO-1,25/9 9%

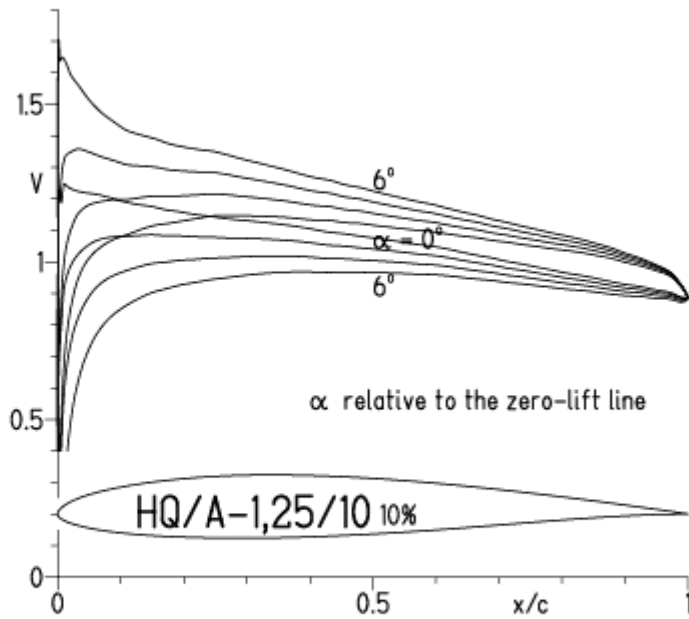
- $Re = 0.6 \times 10^6$ e^N, N=11
- - - 1.2×10^6 e^N, N=11
- · - · - 22% Flap -4°, $Re = 0.6 \times 10^6$ e^N, N=11
- · - · - 22% Flap -4°, $Re = 1.2 \times 10^6$ e^N, N=11

- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface



HQ/ACRO-1,25/10, N=11

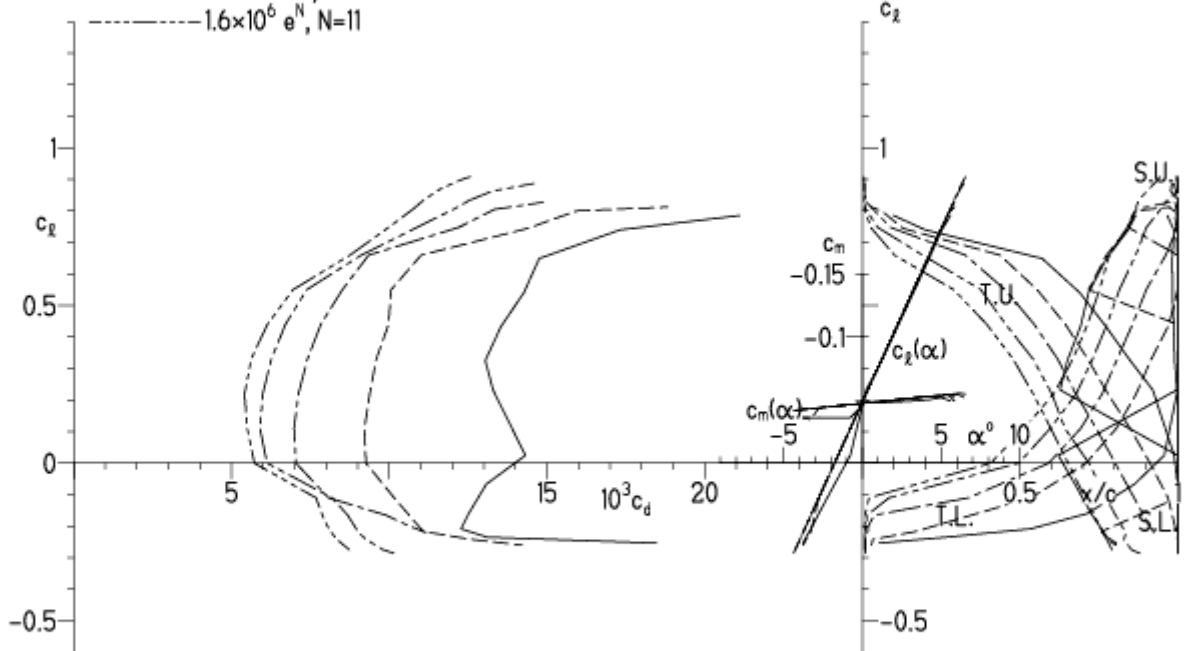
EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:17



EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:17

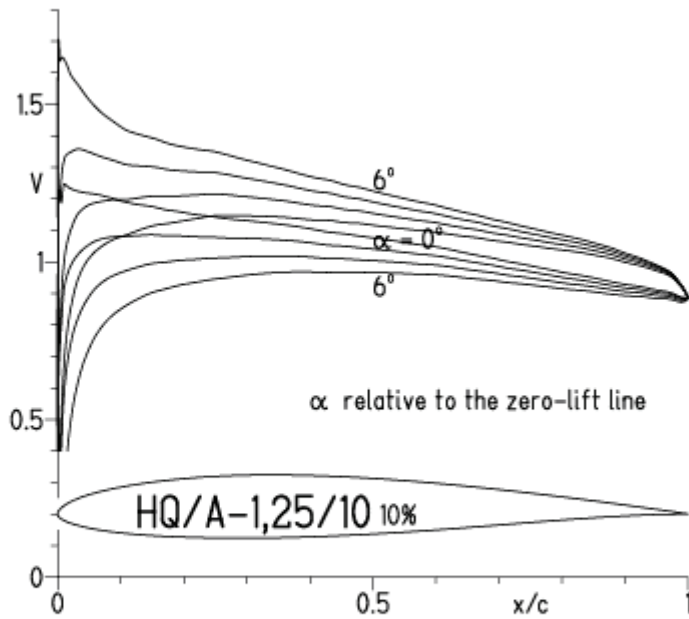
HQ/A-1,25/10 10%

- $Re = 0.1 \times 10^6 e^N, N=11$
- - - $0.2 \times 10^6 e^N, N=11$
- · - $0.4 \times 10^6 e^N, N=11$
- · - $0.8 \times 10^6 e^N, N=11$
- · - $1.6 \times 10^6 e^N, N=11$

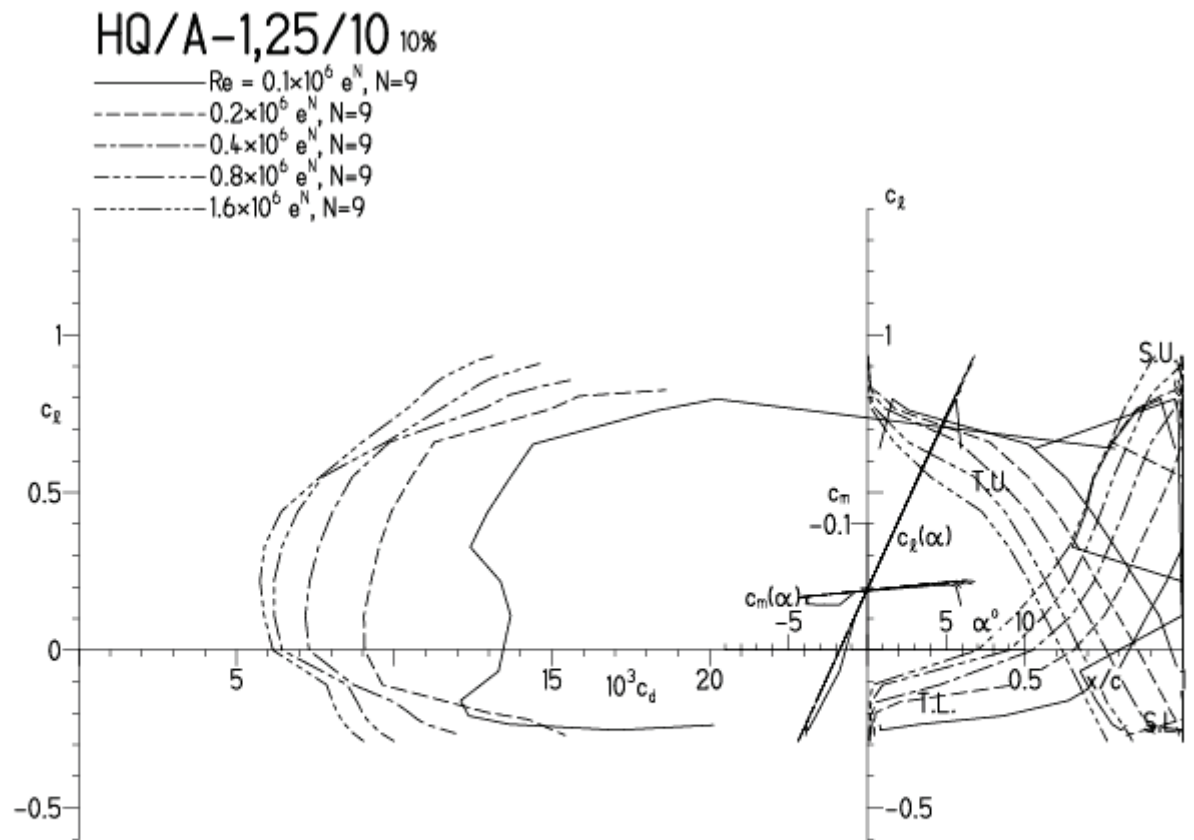


HQ/ACRO-1,25/10, N=9

EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:26

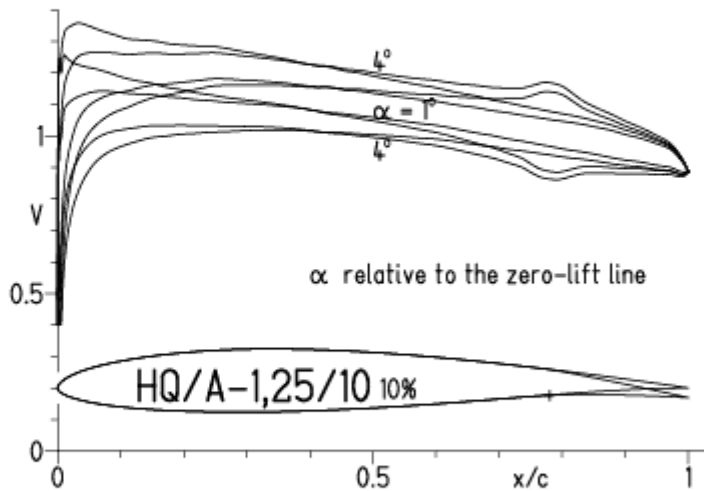


EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:26

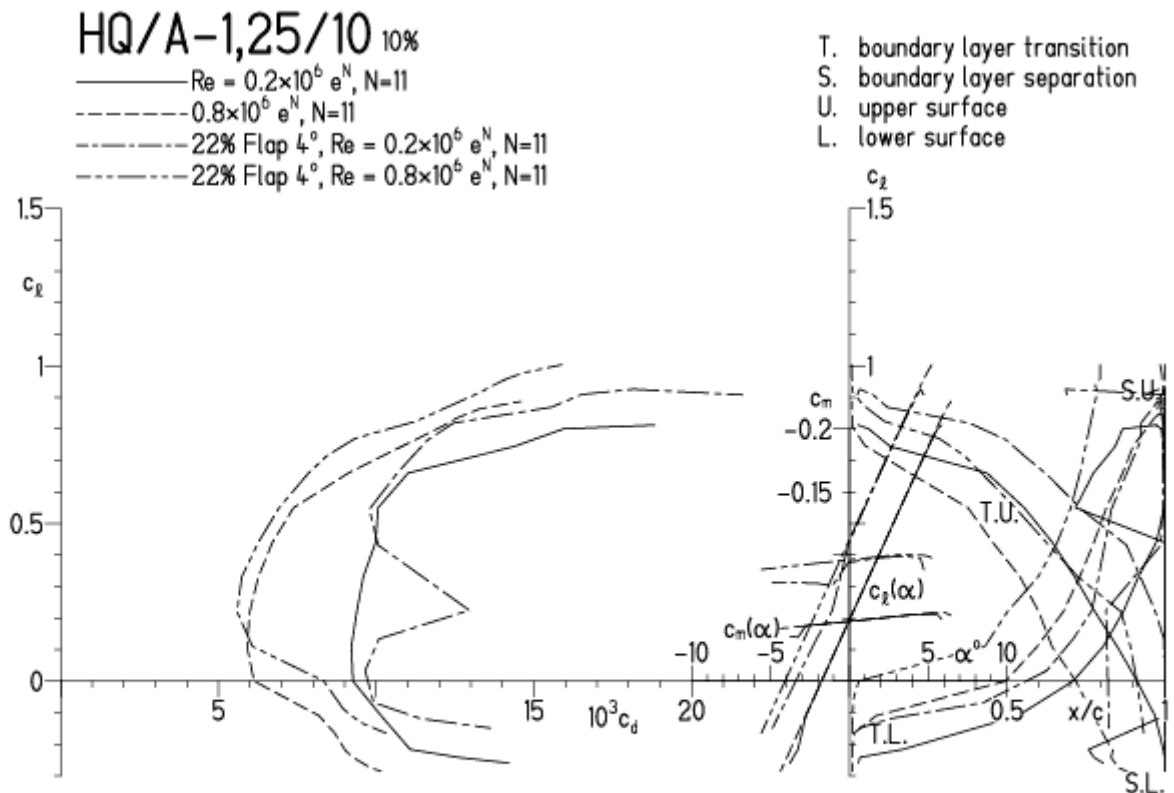


HQ/ACRO-1,25/10, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:29

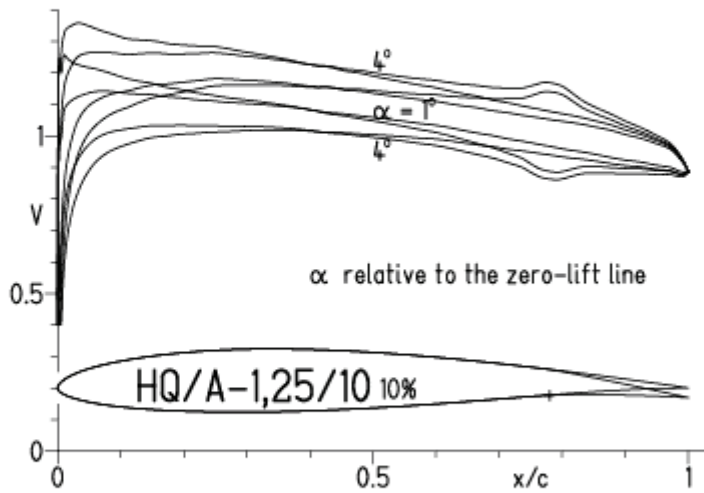


EPPLER 2005 V. 8.5.07 RUN

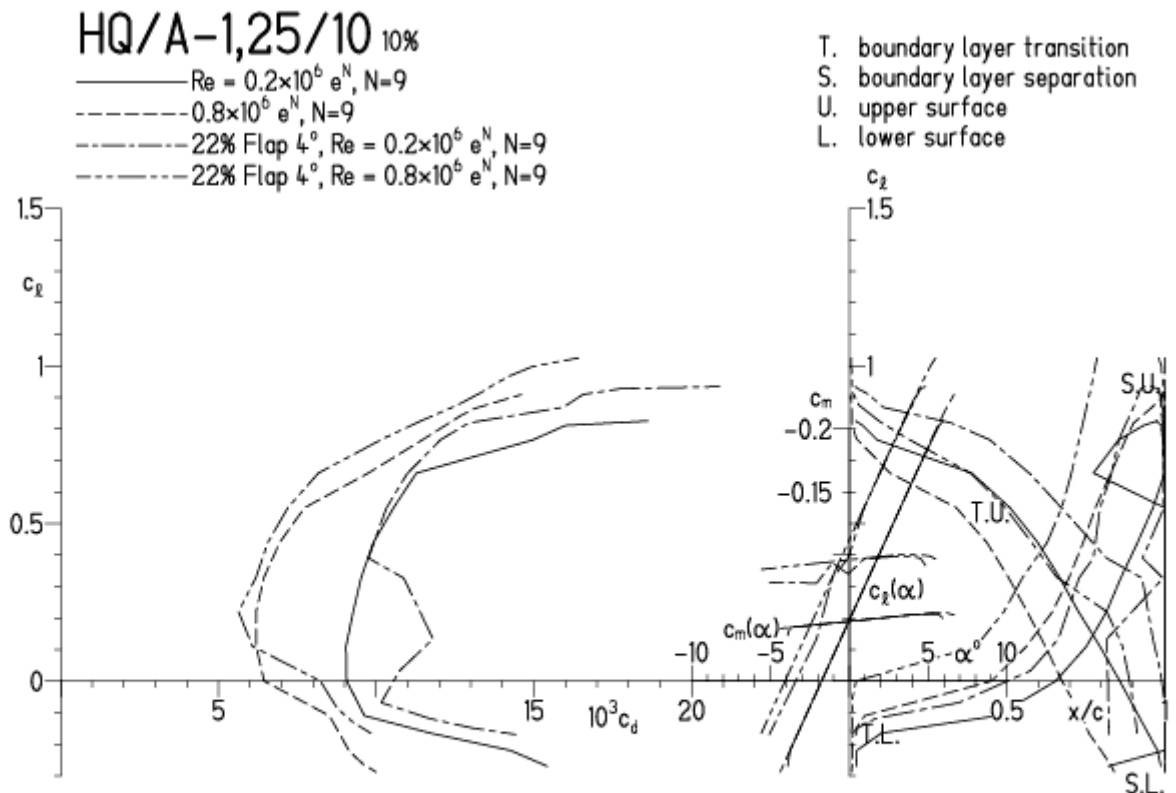


HQ/ACRO-1,25/10, N=9, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:32

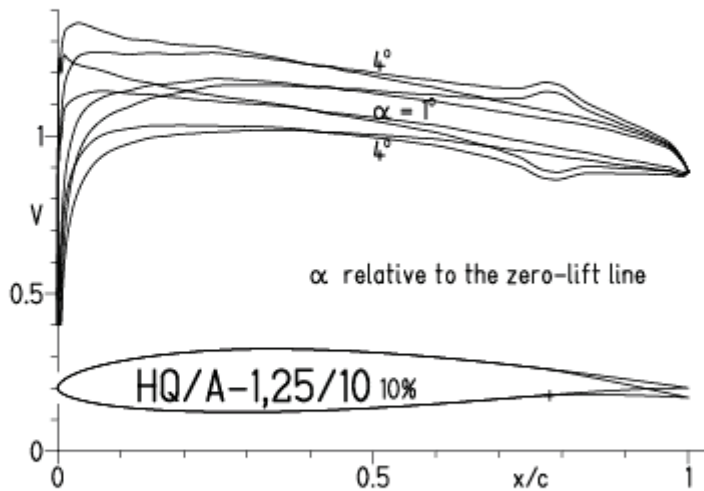


EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:32

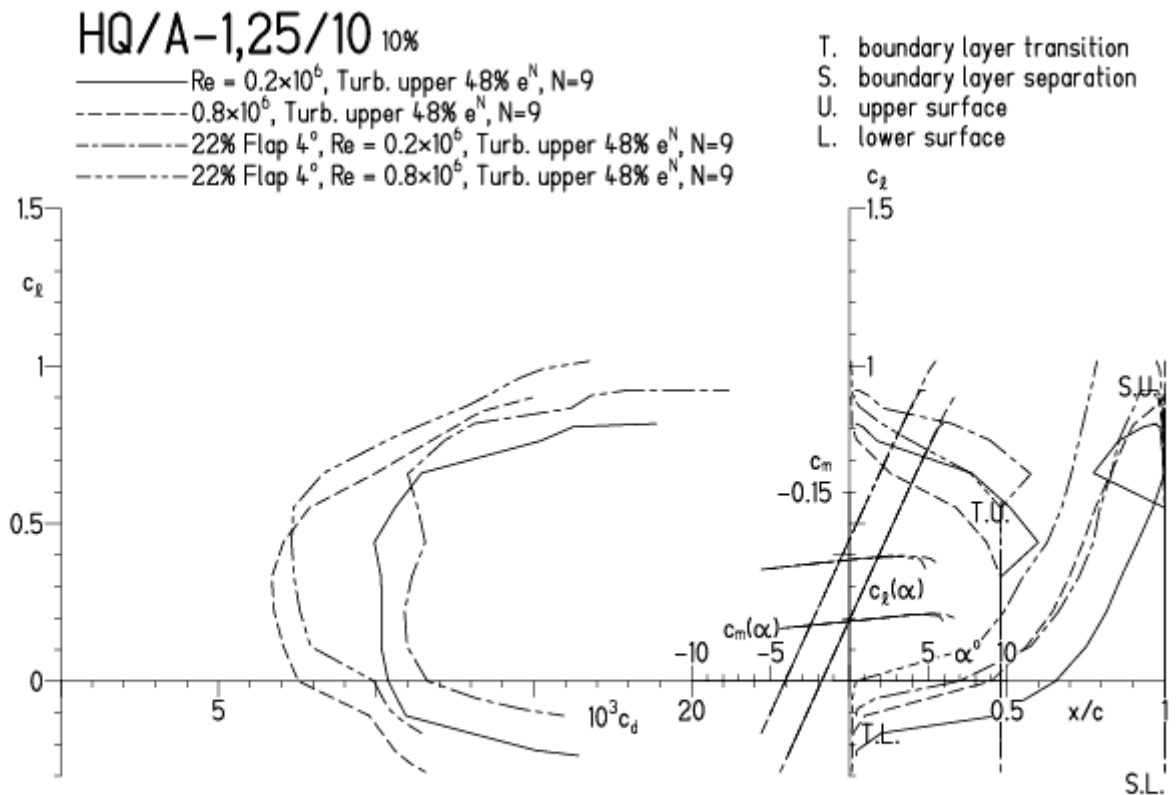


HQ/ACRO-1,25/10, N=9, mit 5° Wölbklappenausschlag, Turbulatoreffekt
 (optimale Turbulatorposition bei 45 - 55 % der Profiltiefe)

EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:34

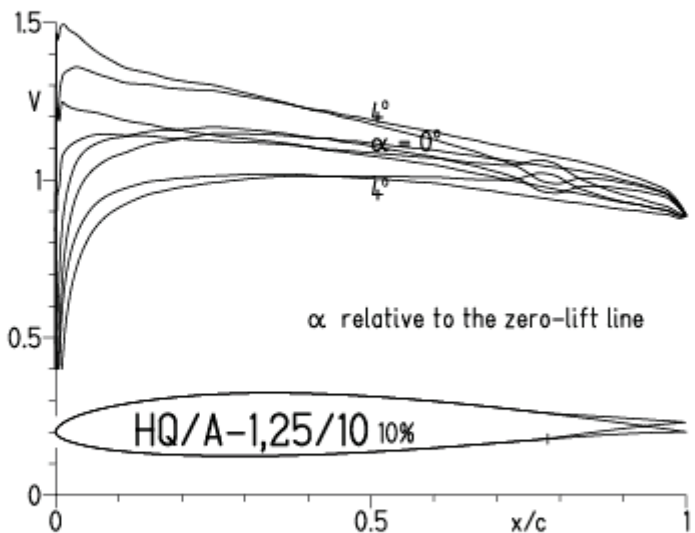


EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:34



HQ/ACRO-1,25/10, N=11, mit -4° Wölbklappenausschlag (Schnellflug)

EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:43

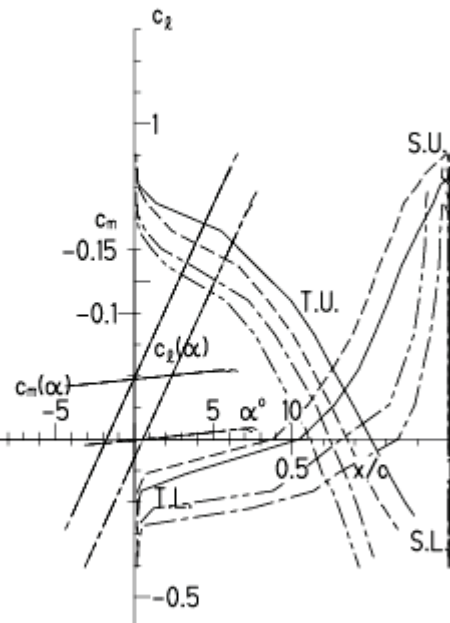
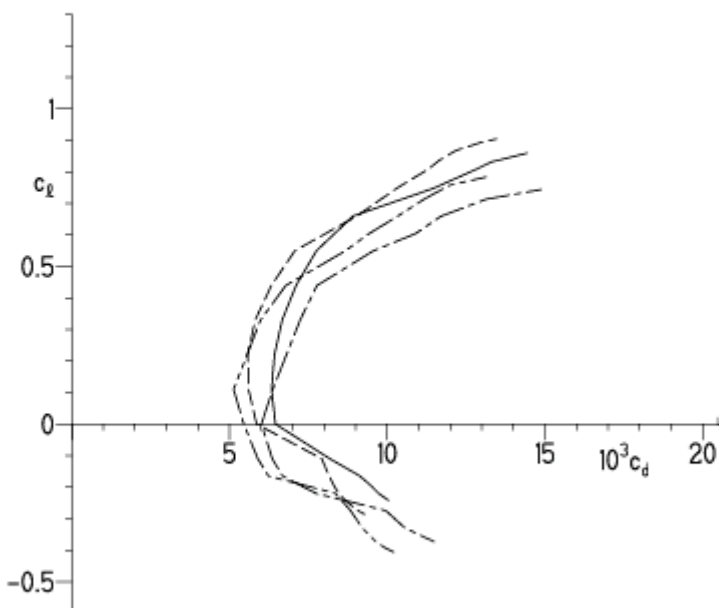


EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:43

HQ/A-1,25/10 10%

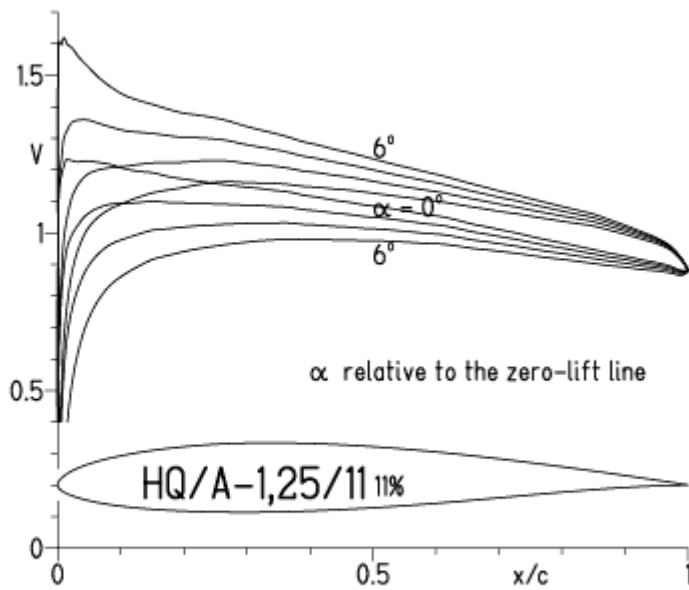
- $Re = 0.6 \times 10^6 e^N, N=11$
- - - $1.2 \times 10^6 e^N, N=11$
- · - · 22% Flap -4°, $Re = 0.6 \times 10^6 e^N, N=11$
- · - · 22% Flap -4°, $Re = 1.2 \times 10^6 e^N, N=11$

- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface

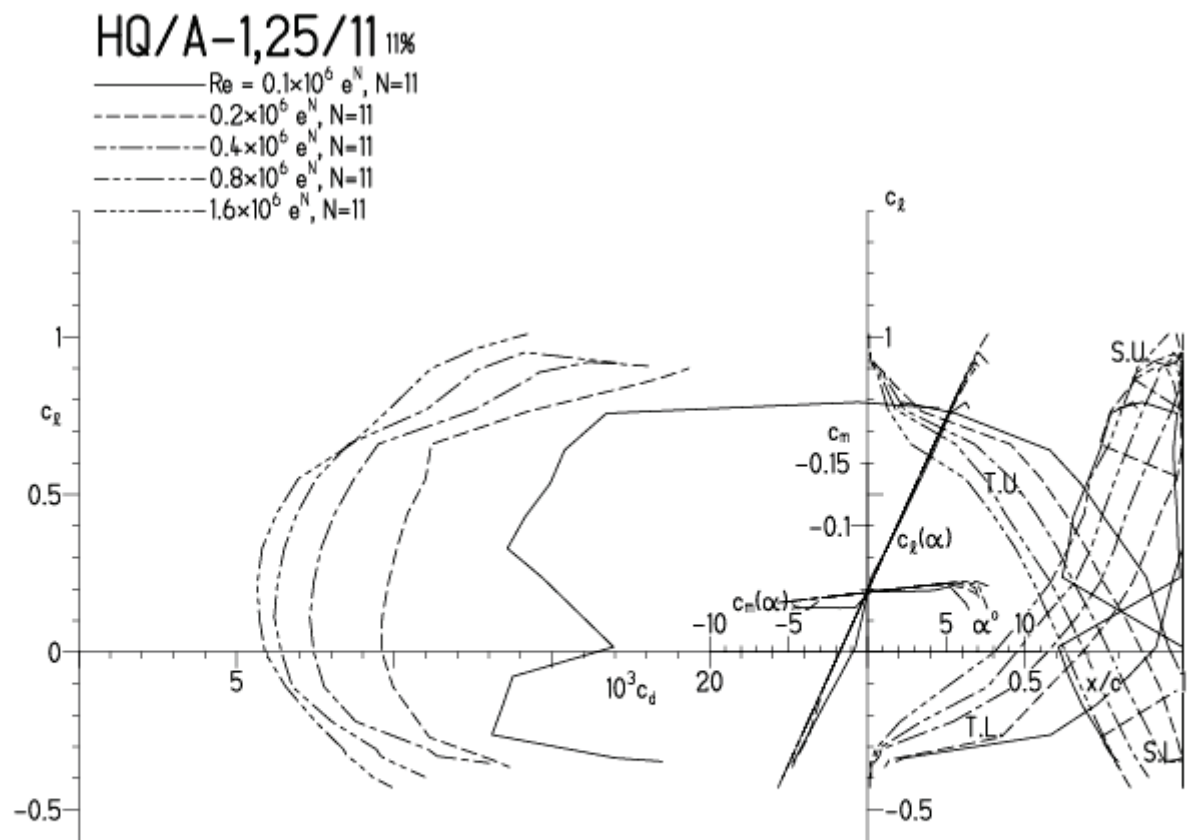


HQ/ACRO-1,25/11, N=11

EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:46

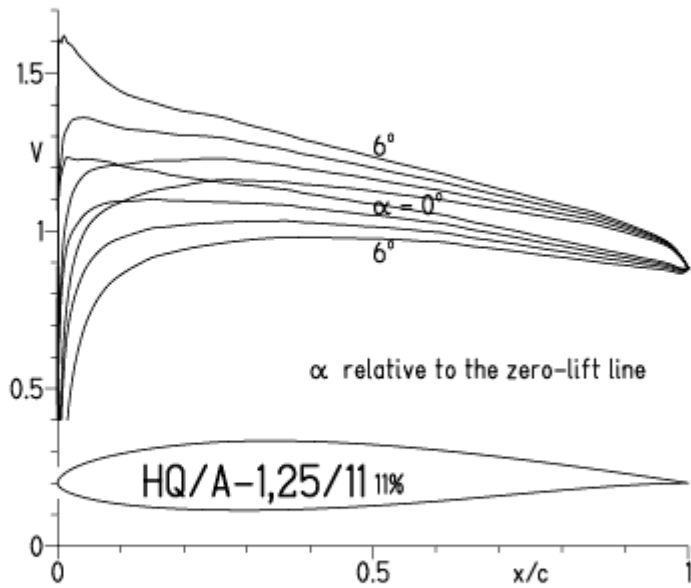


EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:46

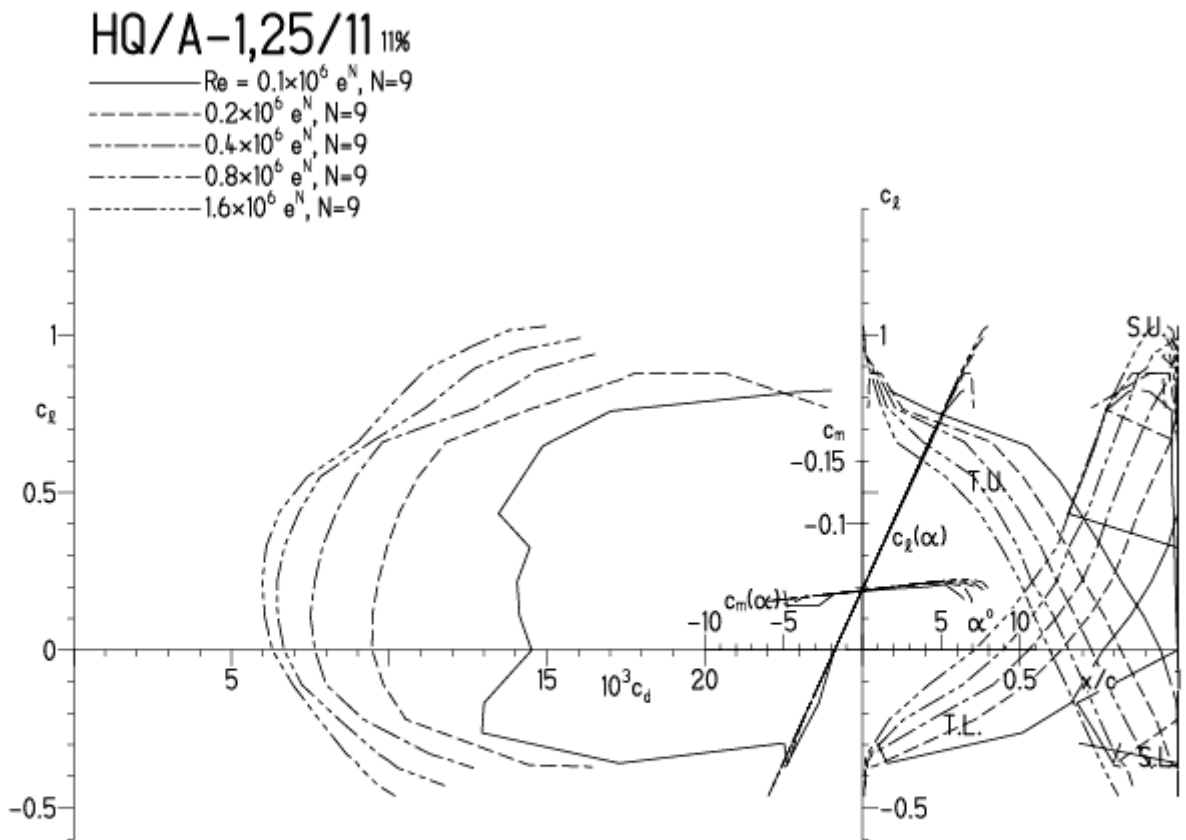


HQ/ACRO-1,25/11, N=9

EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:50

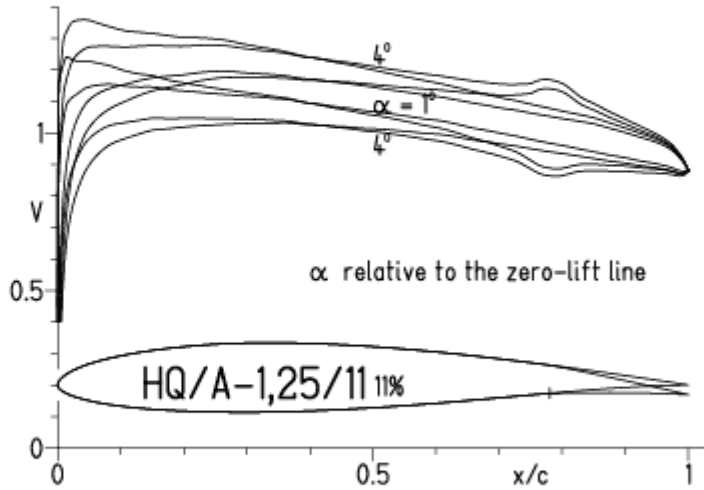


EPPLER 2005 V. 8.5.07 RUN 20.3.12 9:50

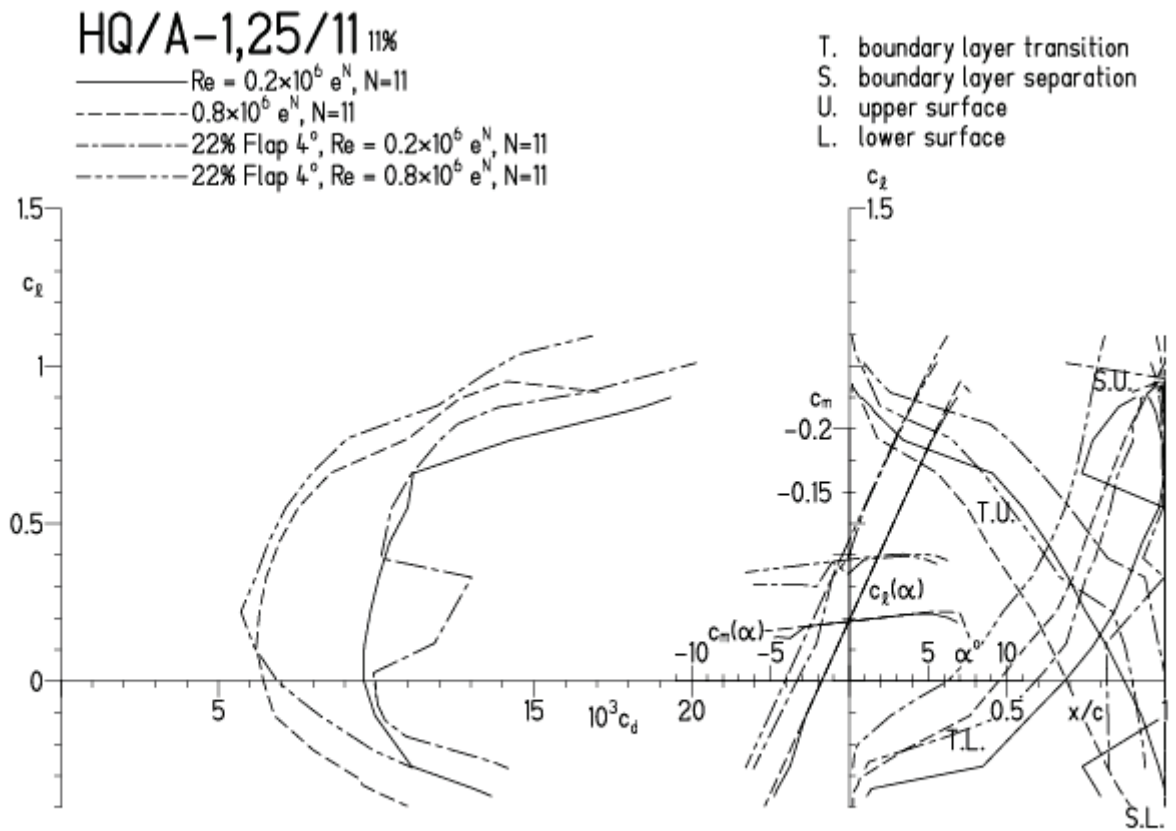


HQ/ACRO-1,25/11, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 20.3.12 10:34

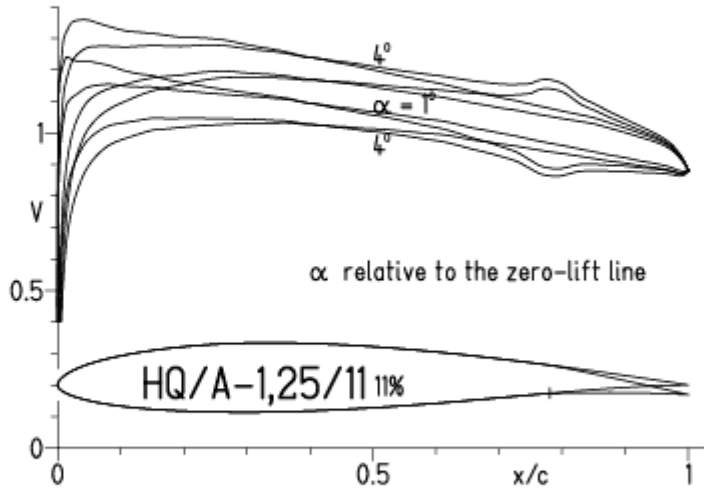


EPPLER 2005 V. 8.5.07 RUN 20.3.12 10:34

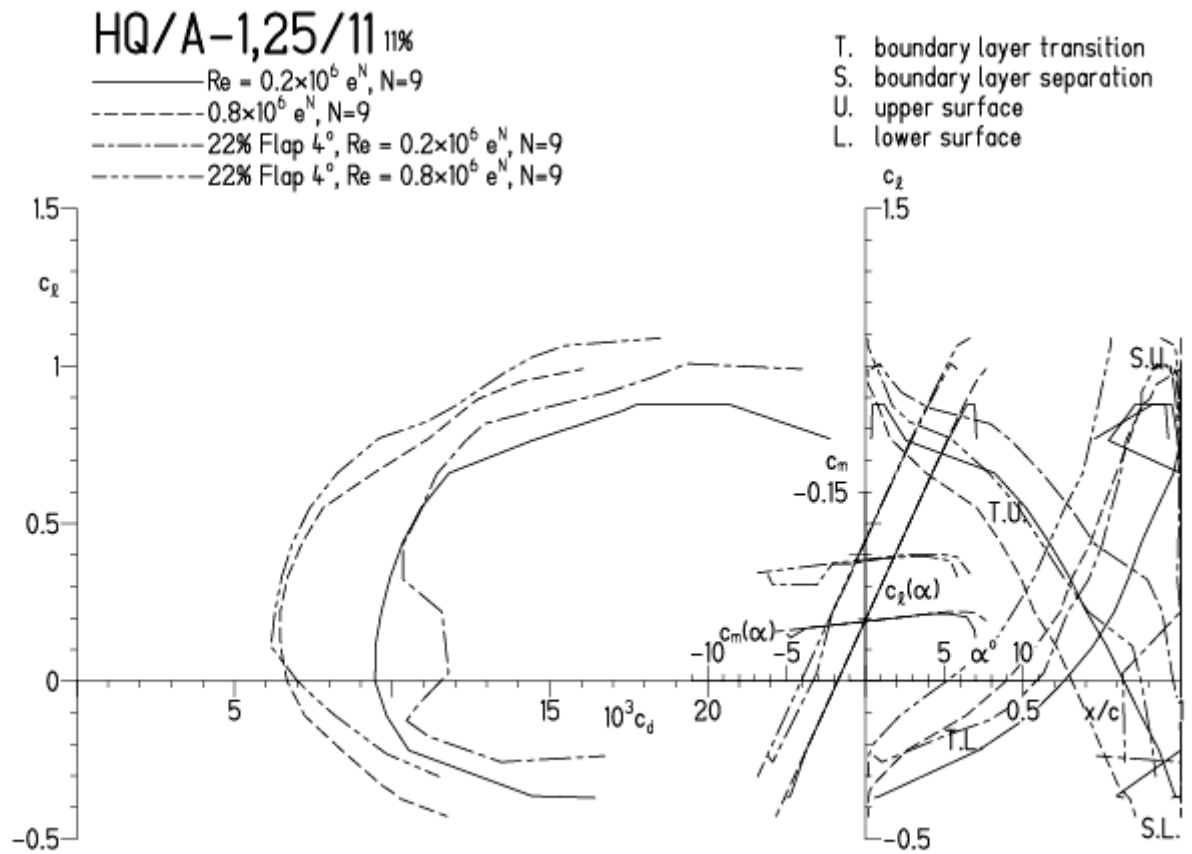


HQ/ACRO-1,25/11, N=9, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:31

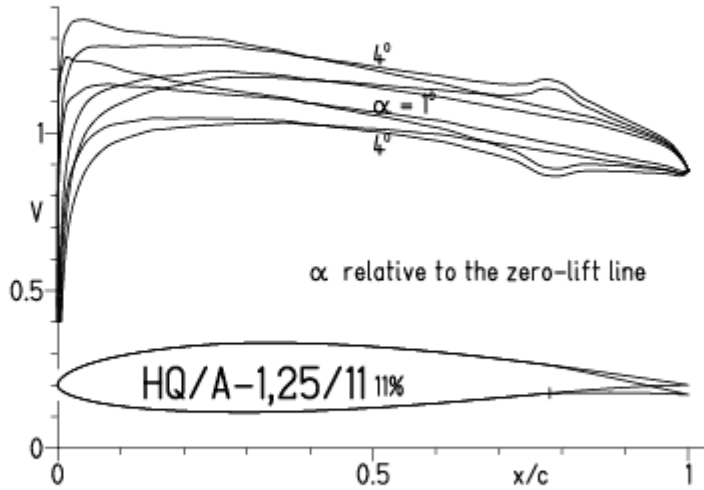


EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:31

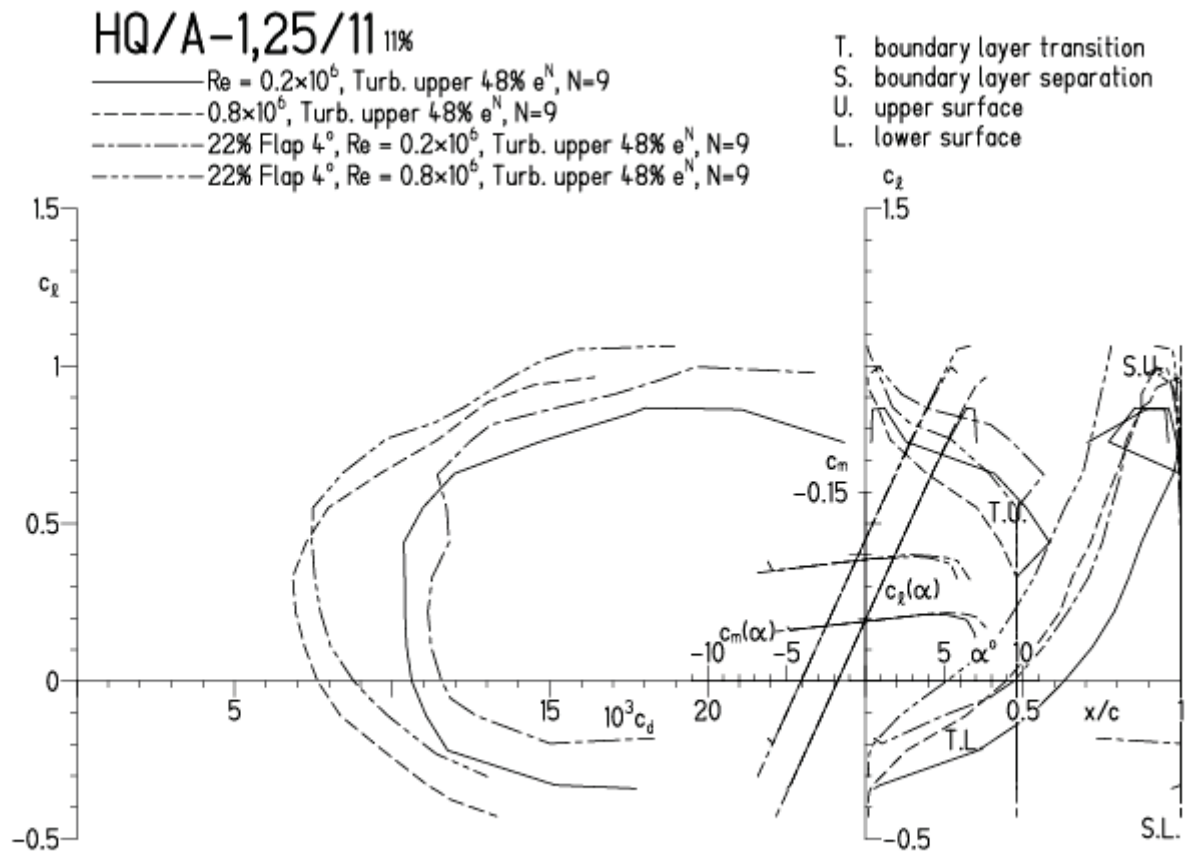


HQ/ACRO-1,25/11, N=9, mit 4° Wölbklappenausschlag, Turbulatoreffekt
 (optimale Turbulatorposition bei 45 - 55 % der Profiltiefe)

EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:33

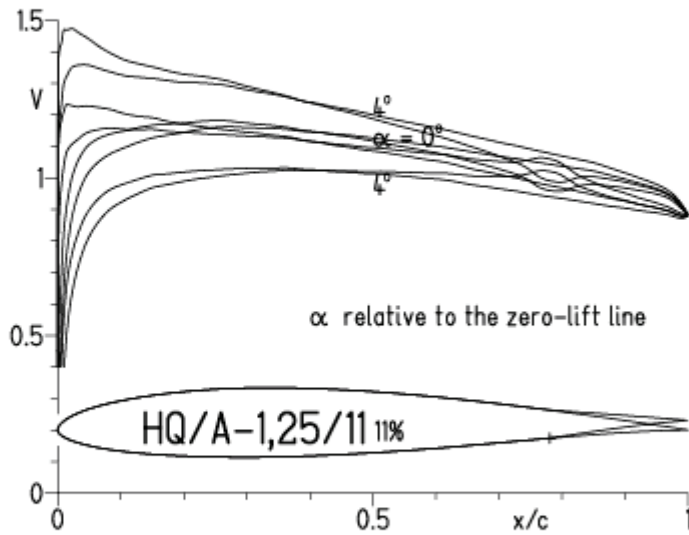


EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:33



HQ/ACRO-1,25/11, N=11, mit -4° Wölbklappenausschlag (Schnellflug)

EPPLER 2005 V. 8.5.07 RUN 20.3.12 10:21

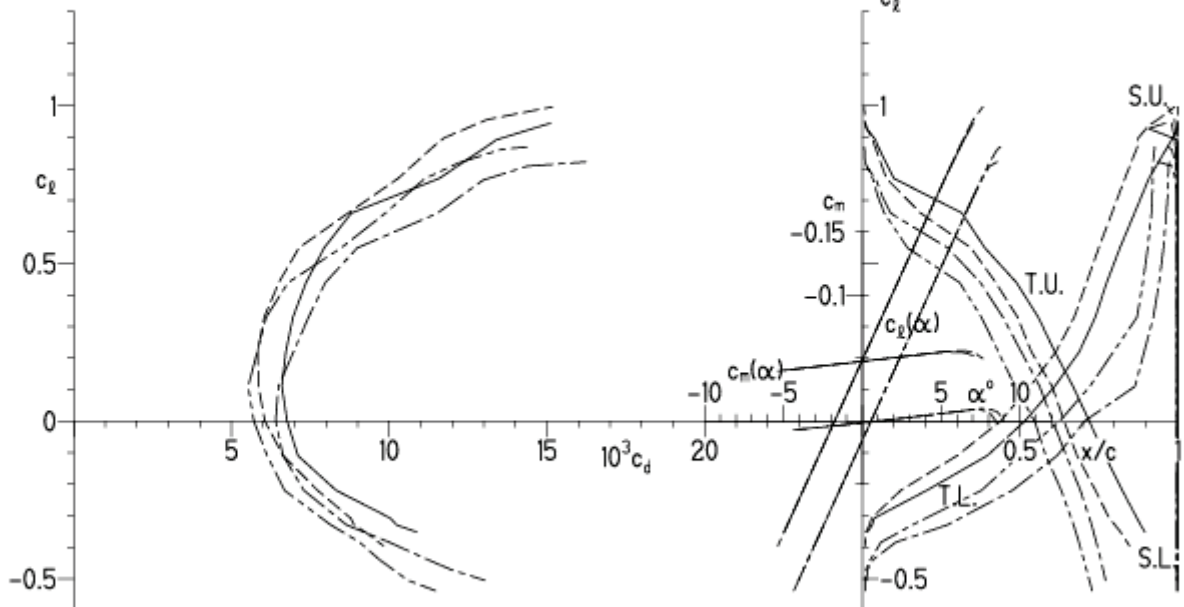


EPPLER 2005 V. 8.5.07 RUN 20.3.12 10:21

HQ/A-1,25/11 11%

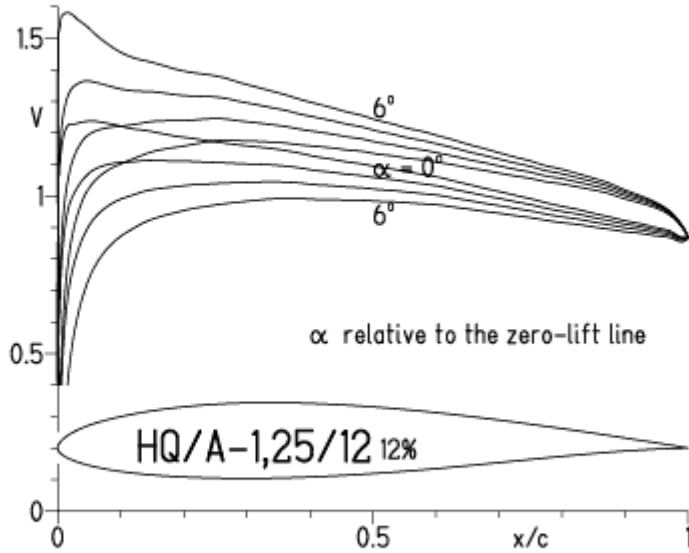
- $Re = 0.6 \times 10^6 e^N, N=11$
- - - $1.2 \times 10^6 e^N, N=11$
- · - · - 22% Flap $-4^\circ, Re = 0.6 \times 10^6 e^N, N=11$
- · - · - 22% Flap $-4^\circ, Re = 1.2 \times 10^6 e^N, N=11$

- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface

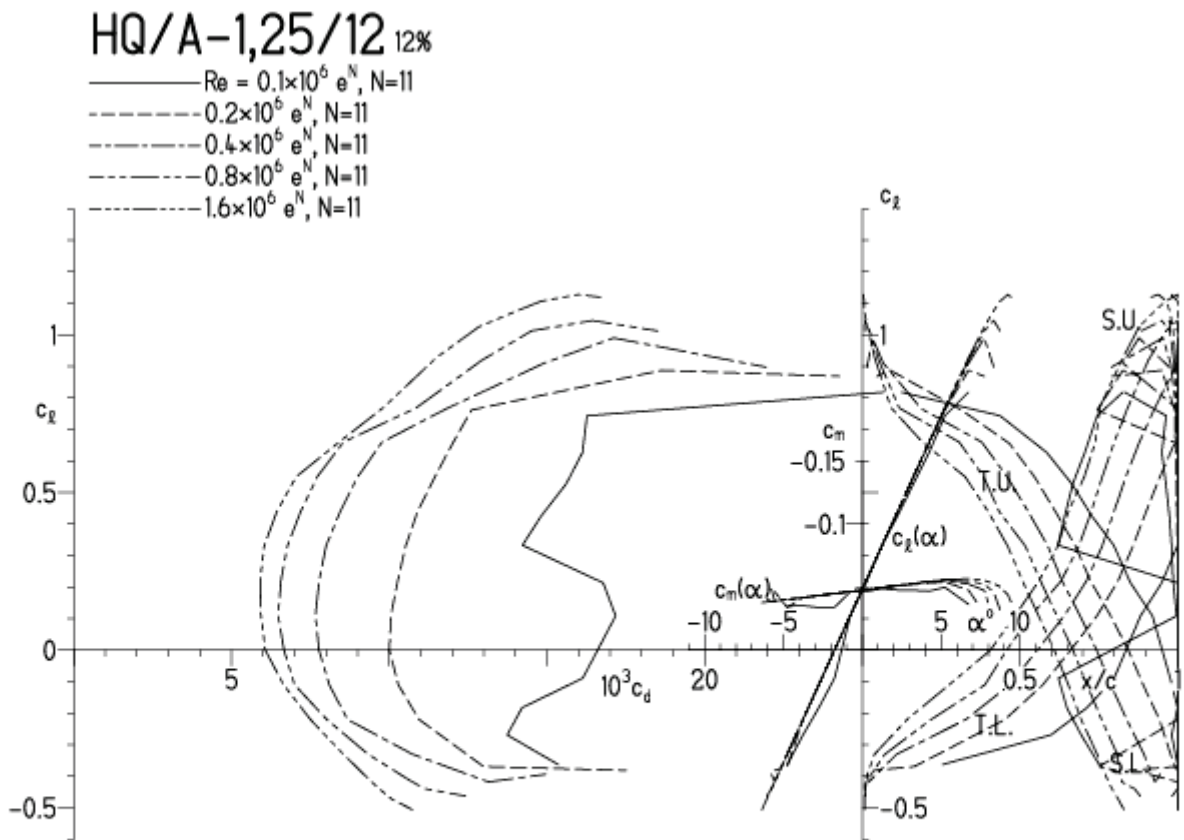


HQ/ACRO-1,25/12, N=11

EPPLER 2005 V. 8.5.07 RUN 19.3.12 17:05

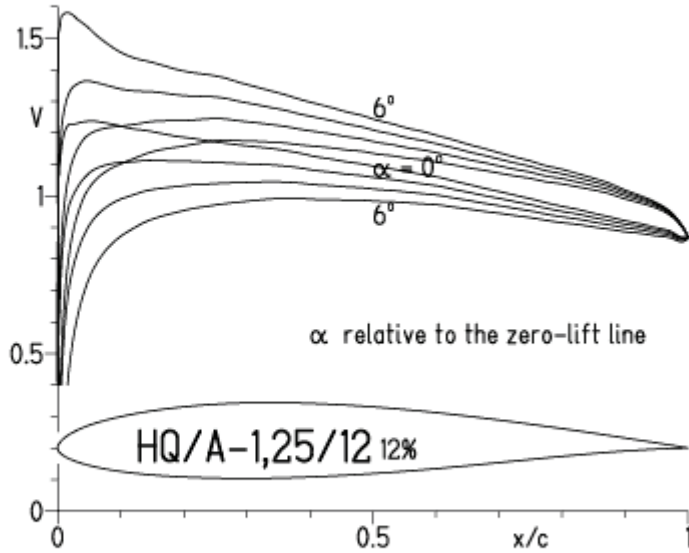


EPPLER 2005 V. 8.5.07 RUN 19.3.12 17:05

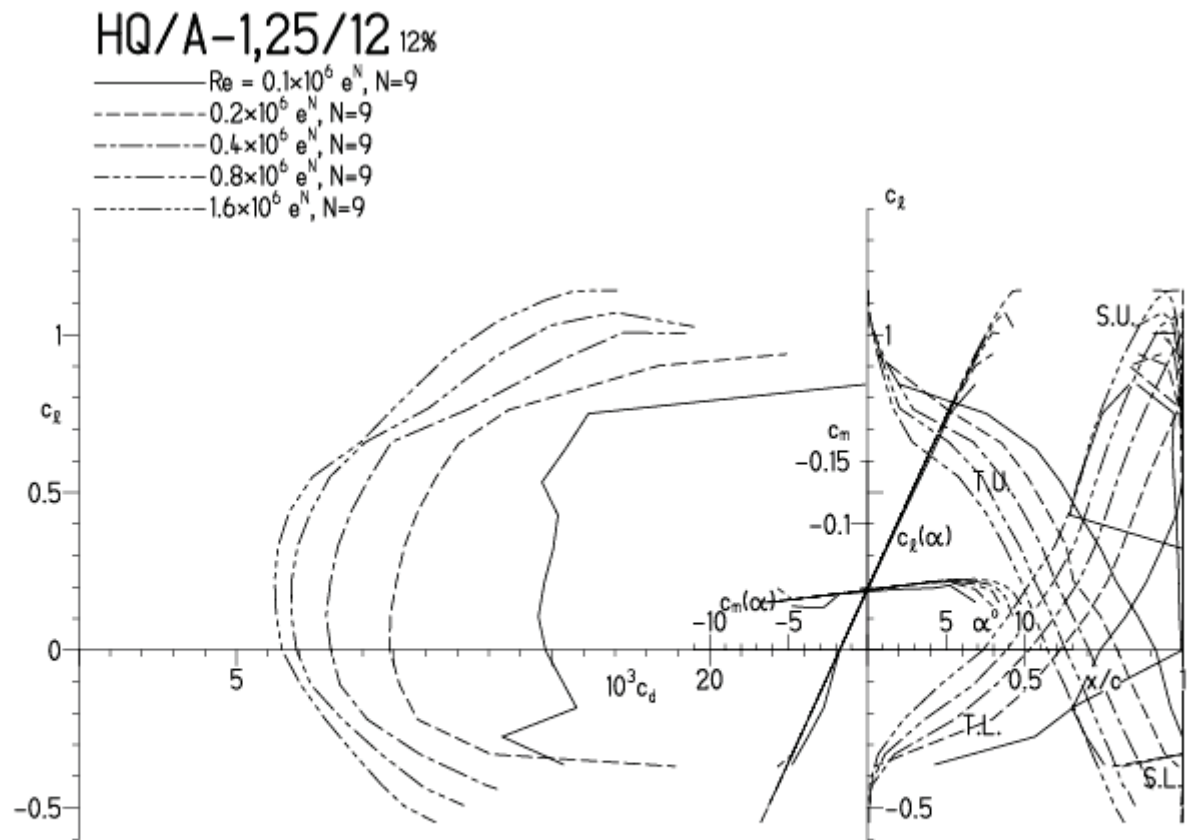


HQ/ACRO-1,25/12, N=9

EPPLER 2005 V. 8.5.07 RUN 19.3.12 17:29

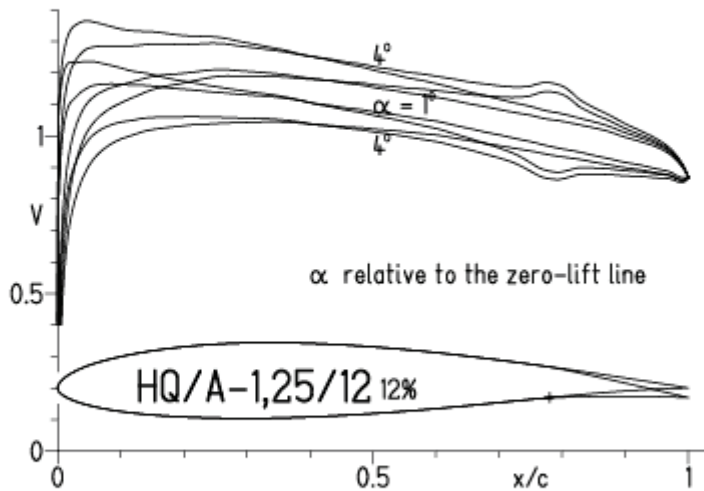


EPPLER 2005 V. 8.5.07 RUN 19.3.12 17:29

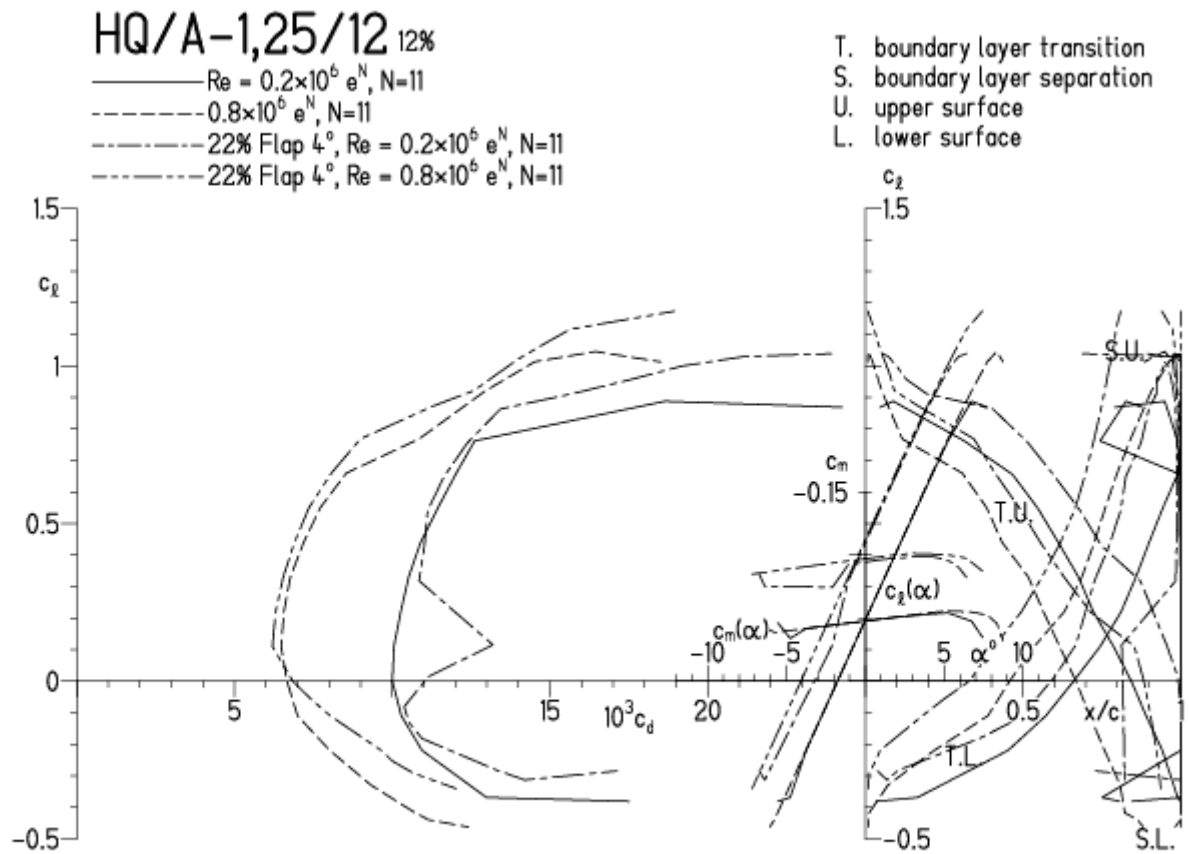


HQ/ACRO-1,25/12, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 19.3.12 17:54

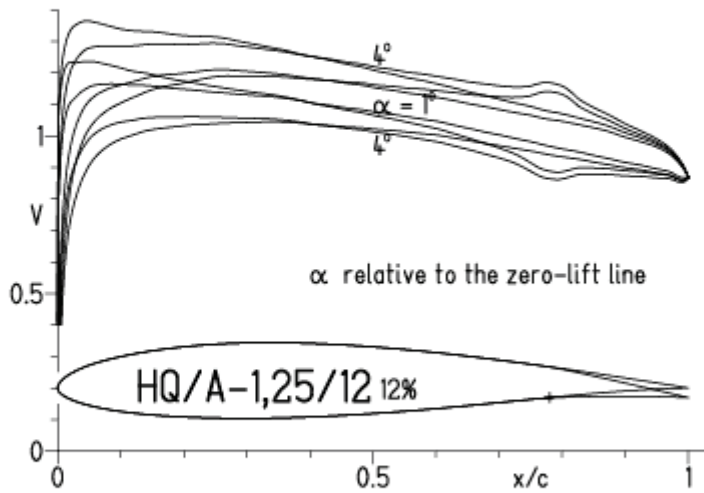


EPPLER 2005 V. 8.5.07 RUN 19.3.12 17:54

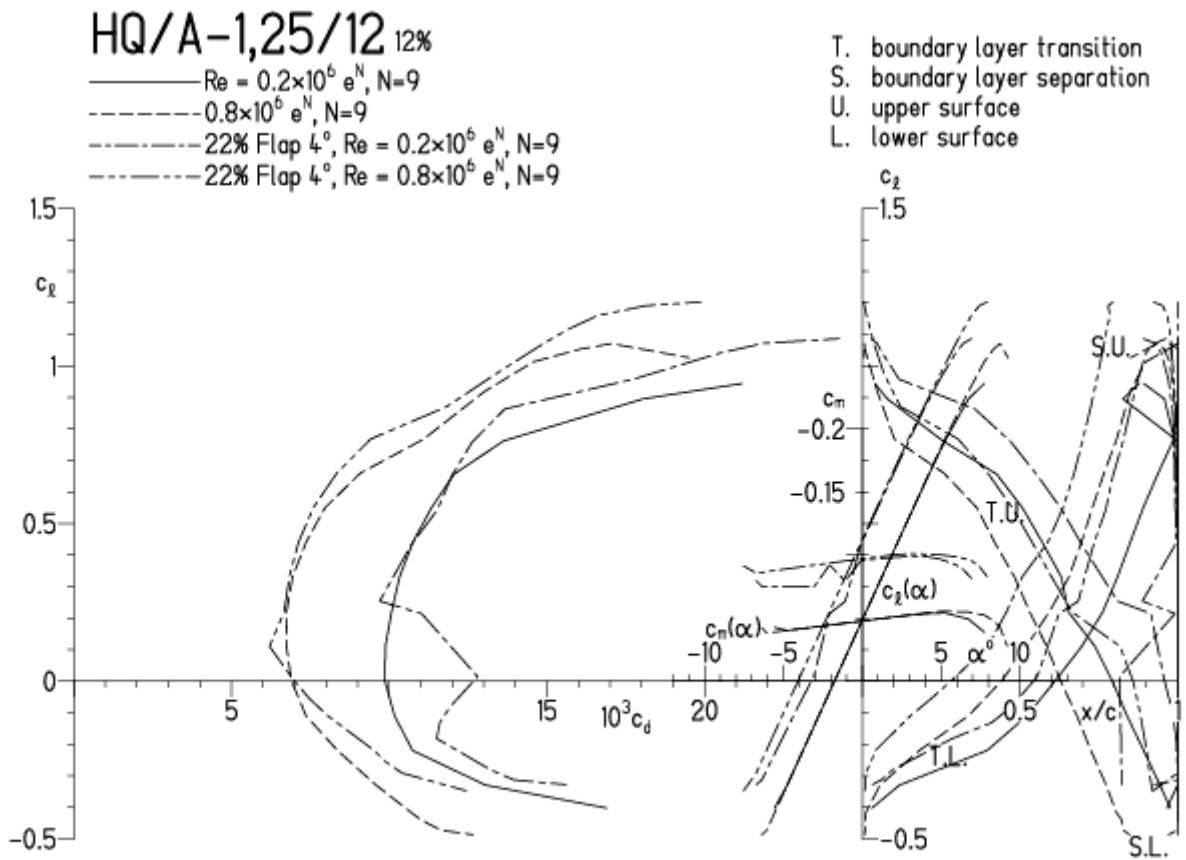


HQ/ACRO-1,25/12, N=9, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:03

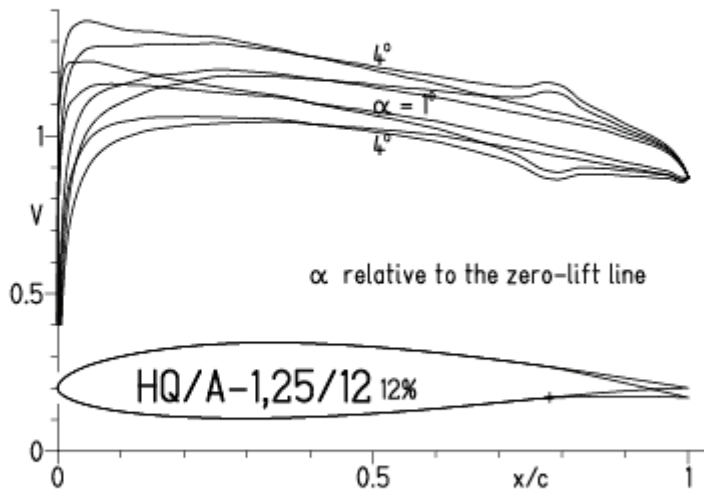


EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:03

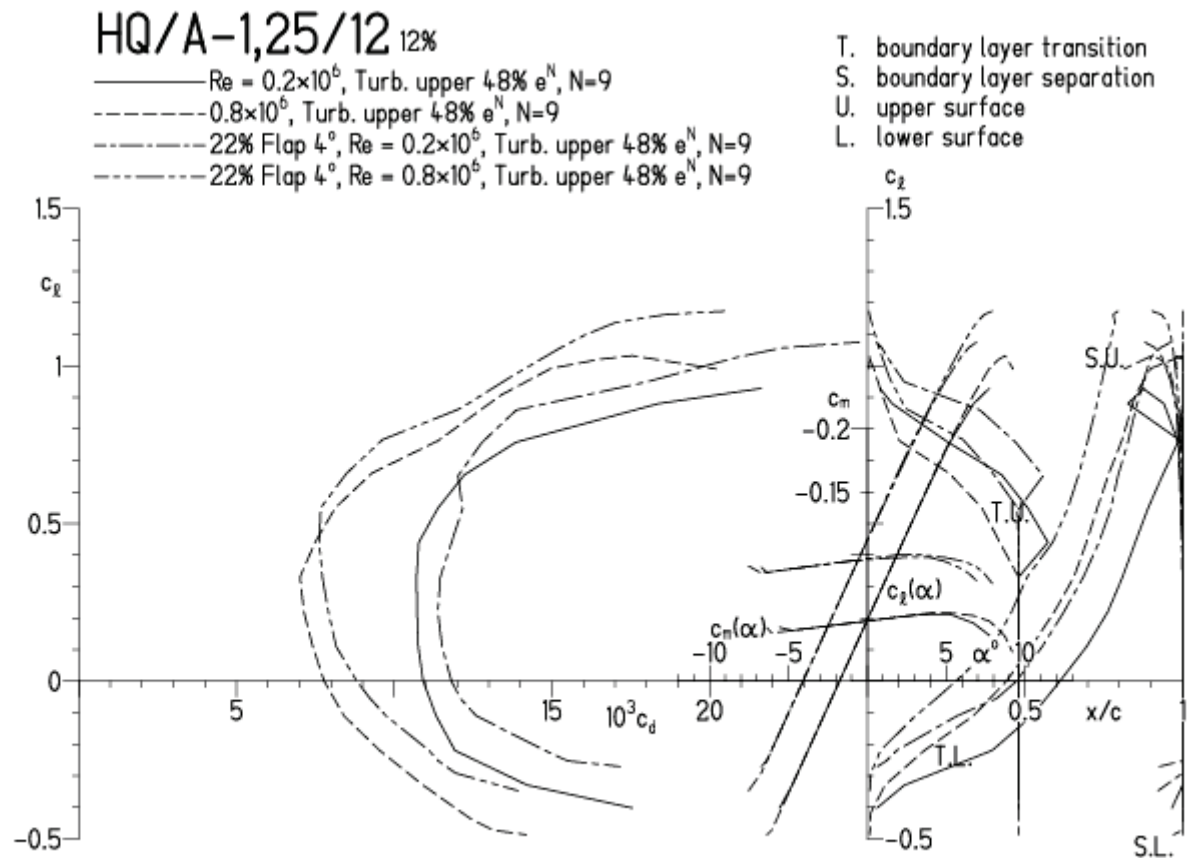


HQ/ACRO-1,25/12, N=9, mit 4° Wölbklappenausschlag, Turbulatoreffekt
 (optimale Turbulatorposition bei 45 - 55 % der Profiltiefe)

EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:07

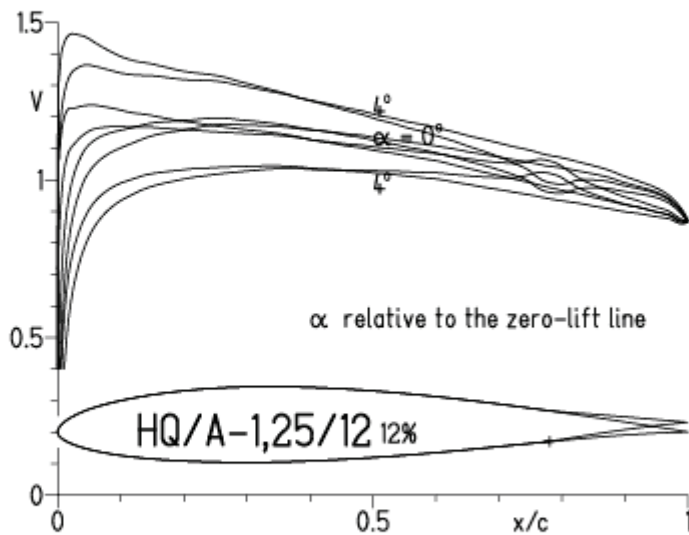


EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:07



HQ/ACRO-1,25/12, N=11, mit -4° Wölbklappenausschlag (Schnellflug)

EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:23

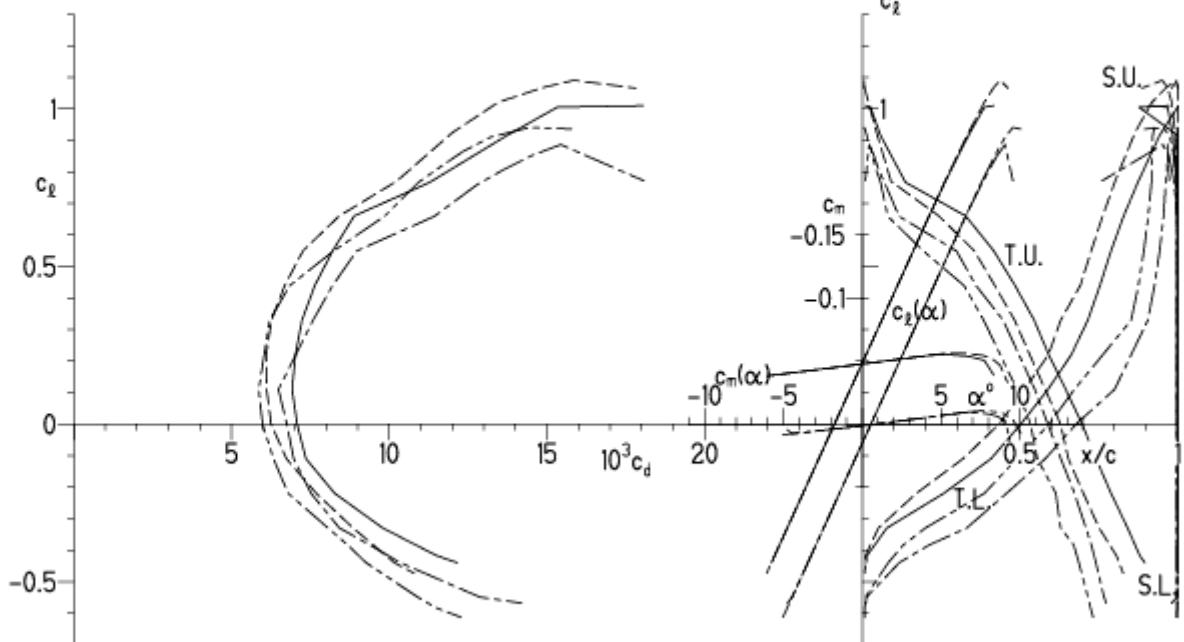


EPPLER 2005 V. 8.5.07 RUN 19.3.12 18:23

HQ/A-1,25/12 12%

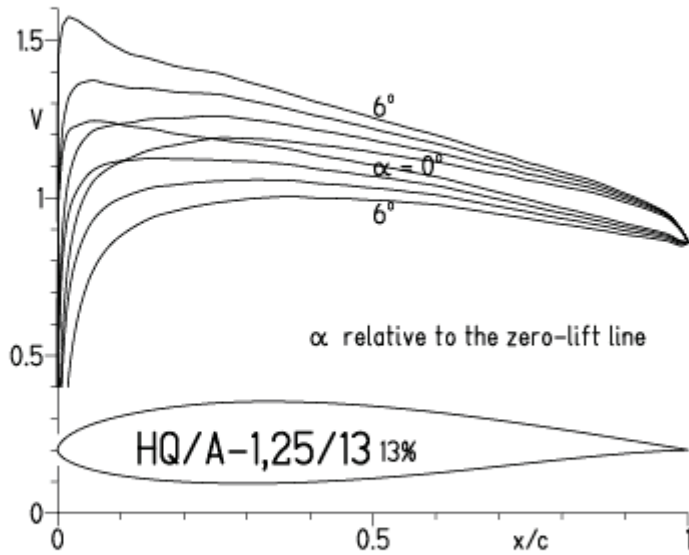
- $Re = 0.6 \times 10^6 e^N, N=11$
- - - $1.2 \times 10^6 e^N, N=11$
- · - · - 22% Flap -4°, $Re = 0.6 \times 10^6 e^N, N=11$
- · - · - 22% Flap -4°, $Re = 1.2 \times 10^6 e^N, N=11$

- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface

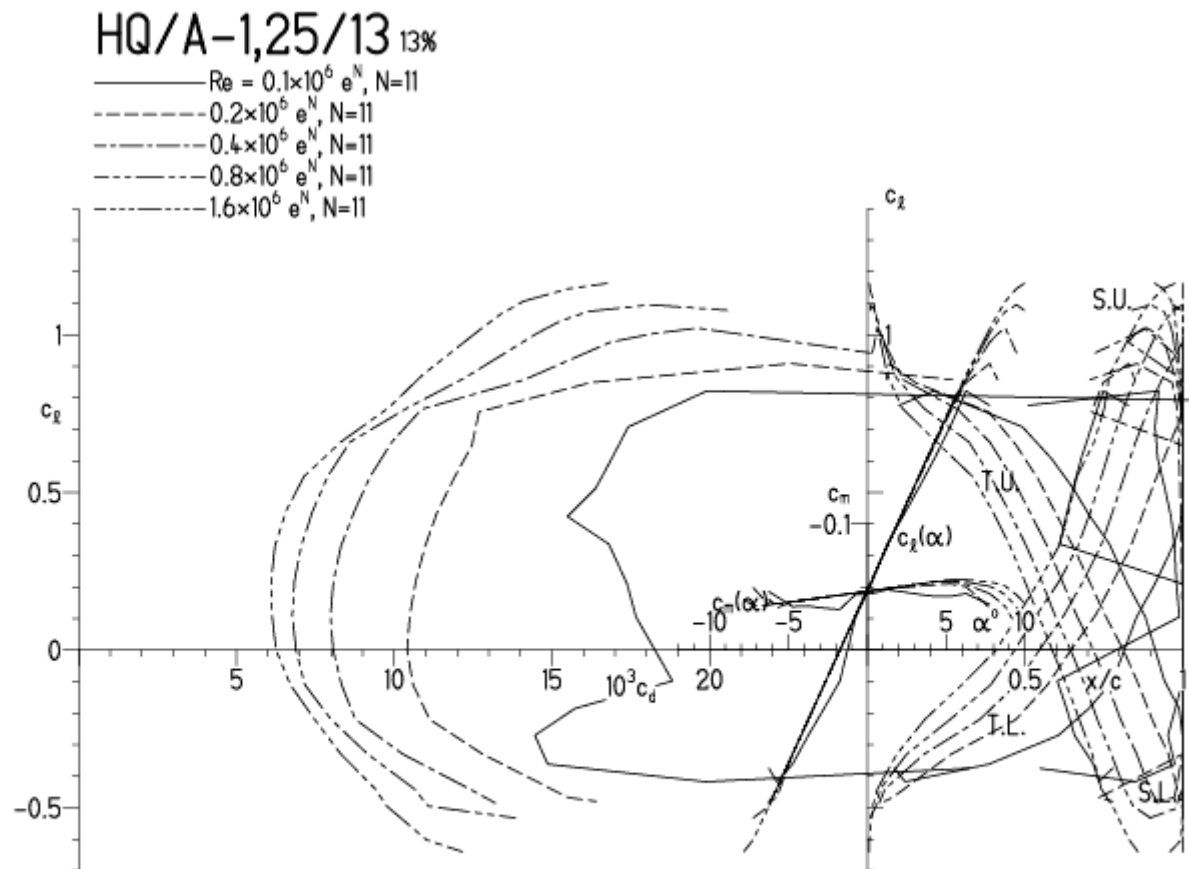


HQ/ACRO-1,25/13, N=11

EPPLER 2005 V. 8.5.07 RUN 20.3.12 10:47

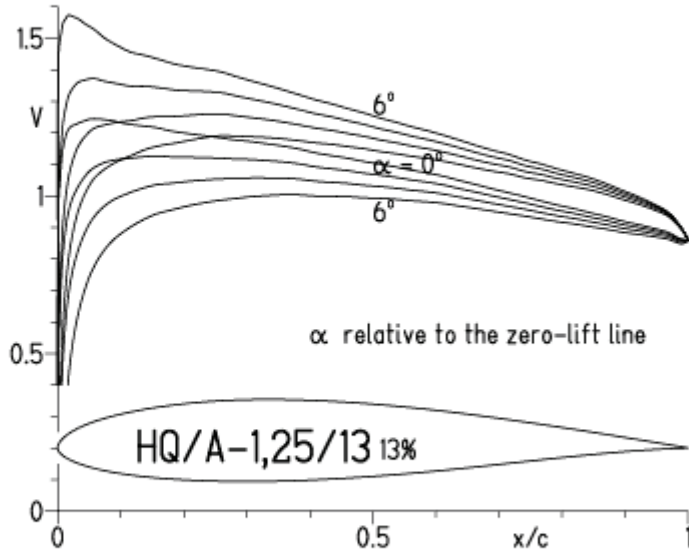


EPPLER 2005 V. 8.5.07 RUN 20

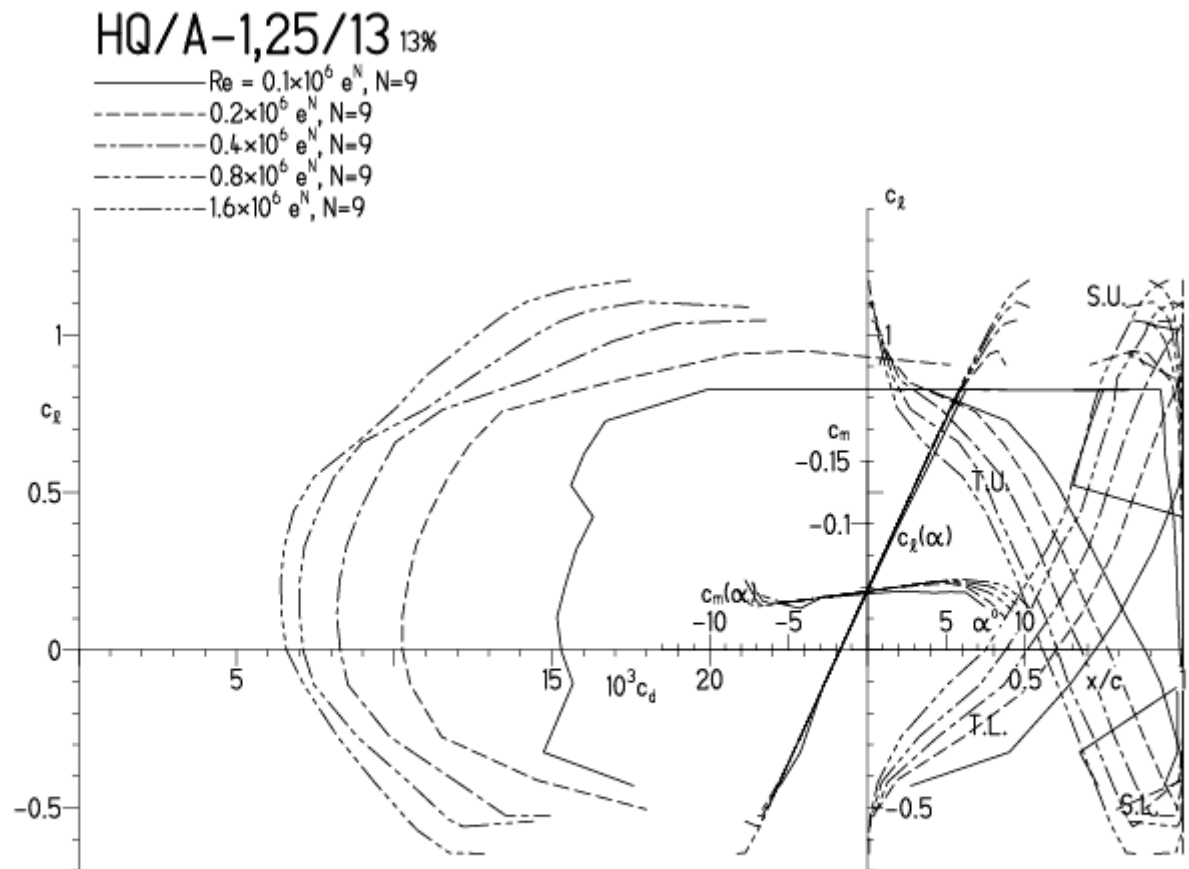


HQ/ACRO-1,25/13, N=9

EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:01

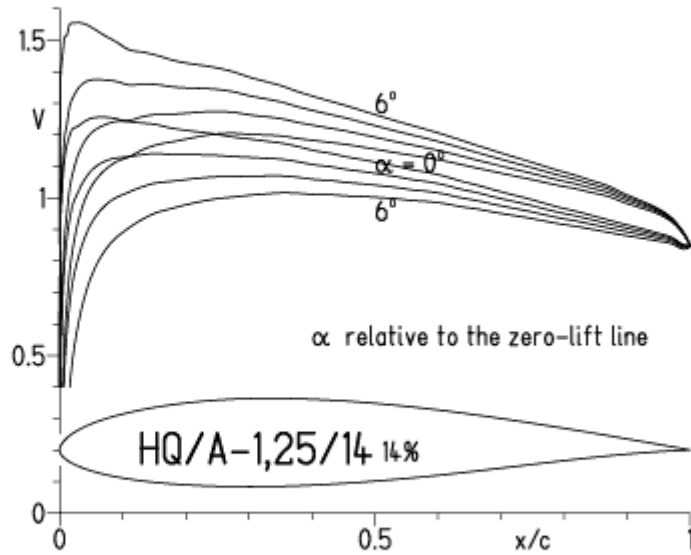


EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:01



HQ/ACRO-1,25/14, N=11

EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:24



EPPLER 2005 V. 8.5.07 RUN 20.3.12 11:24

