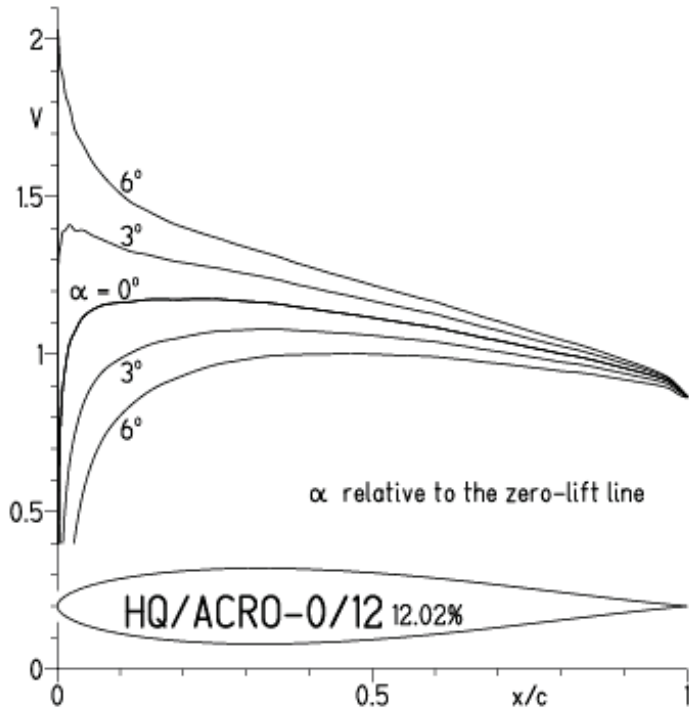
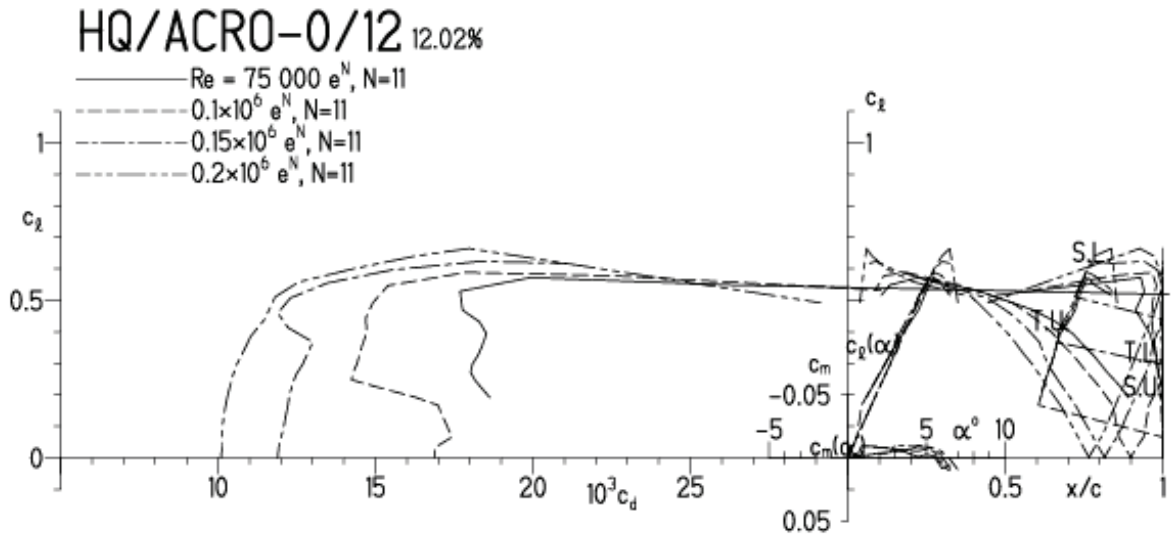


# PROFIL FÜR HLW UND SLW

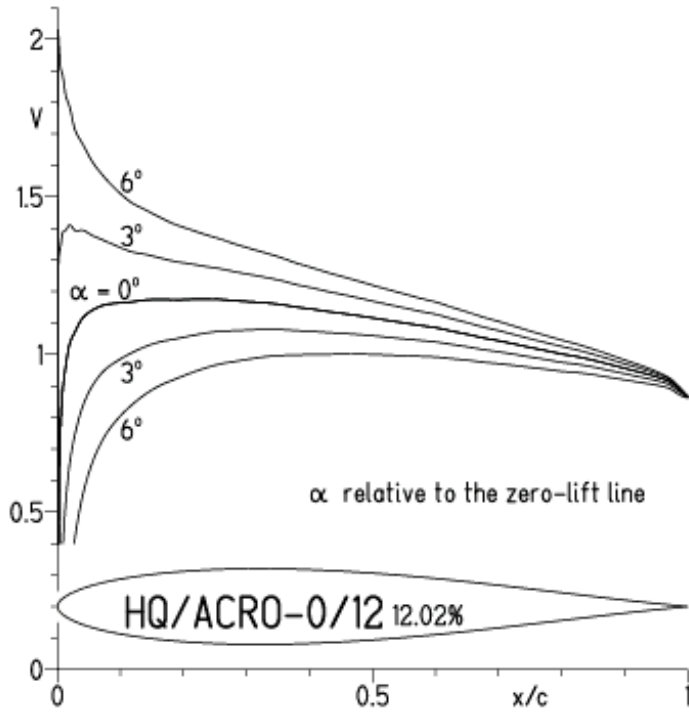
EPPLER 2005 V. 8.5.07 RUN 19.5.09 10:28



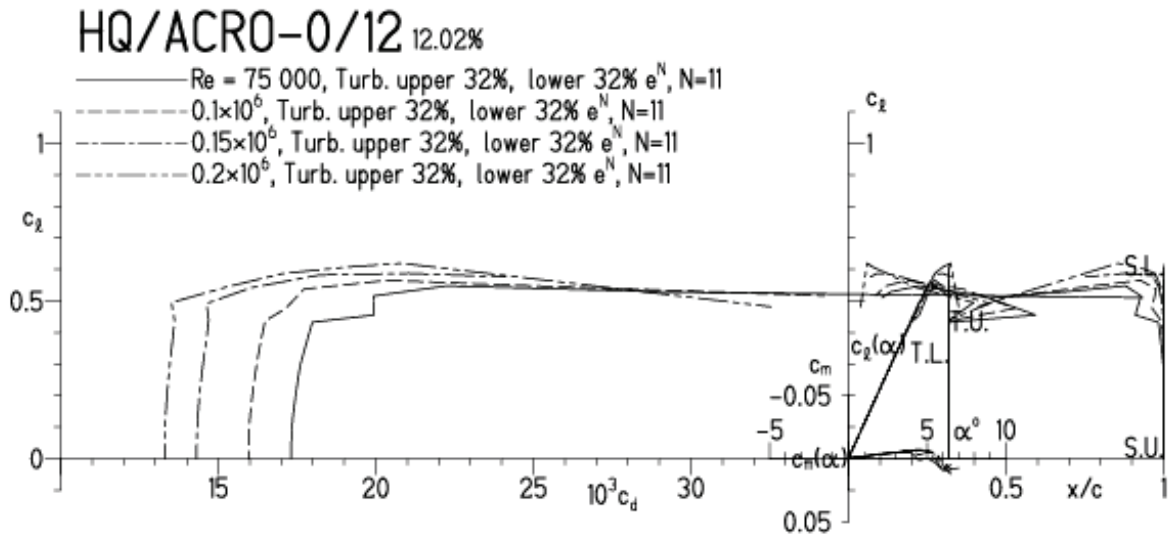
EPPLER 2005 V. 8.5.0



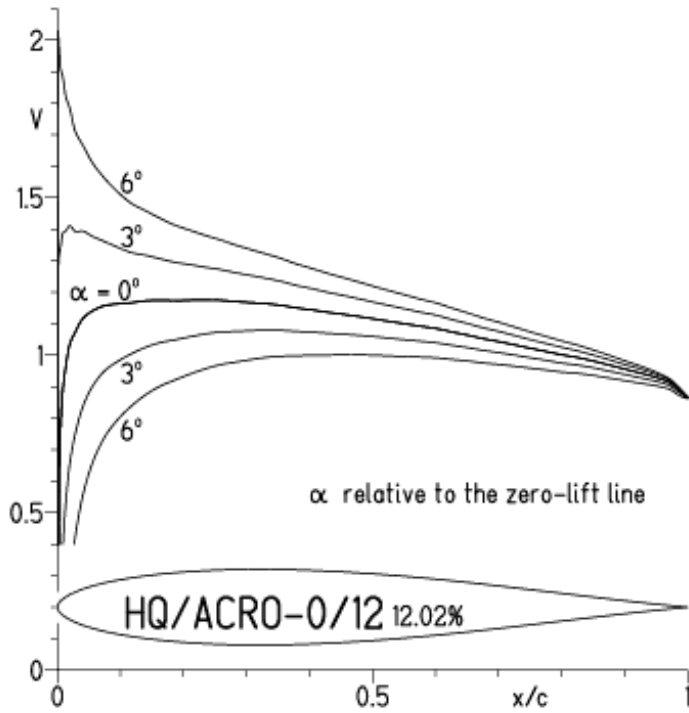
EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:00



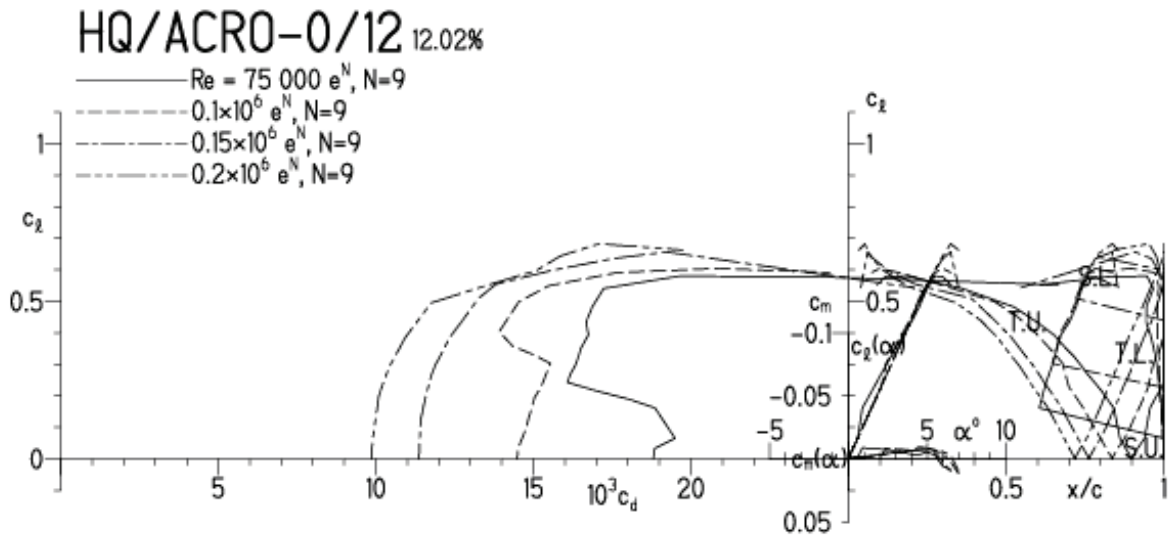
EPPLER 2005 V. 8.5.07 RUN 19.



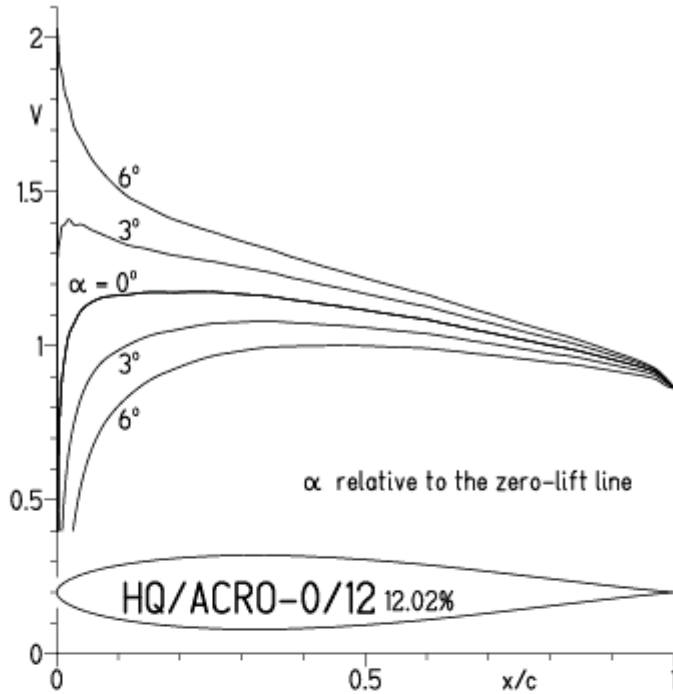
EPPLER 2005 V. 8.5.07 RUN 19.5.09 10:45



EPPLER 2005

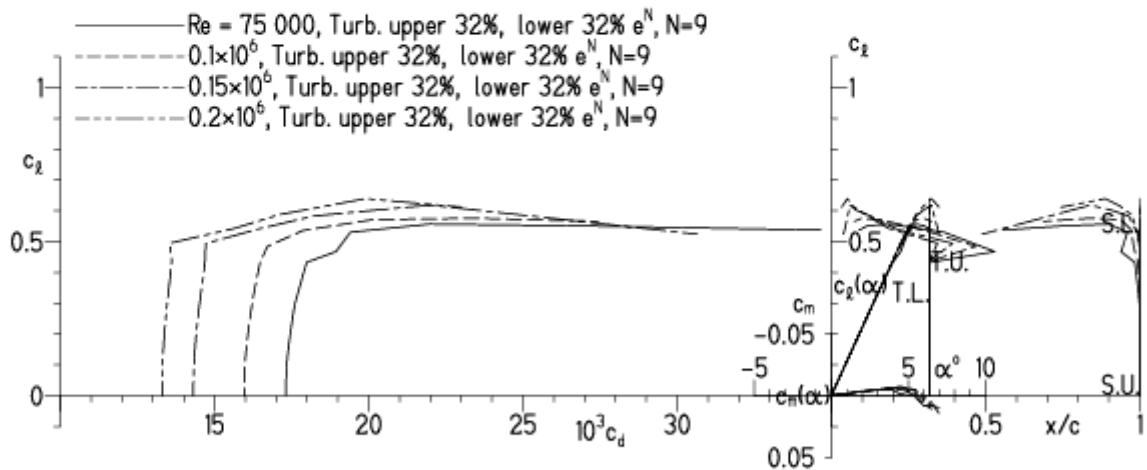


EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:03

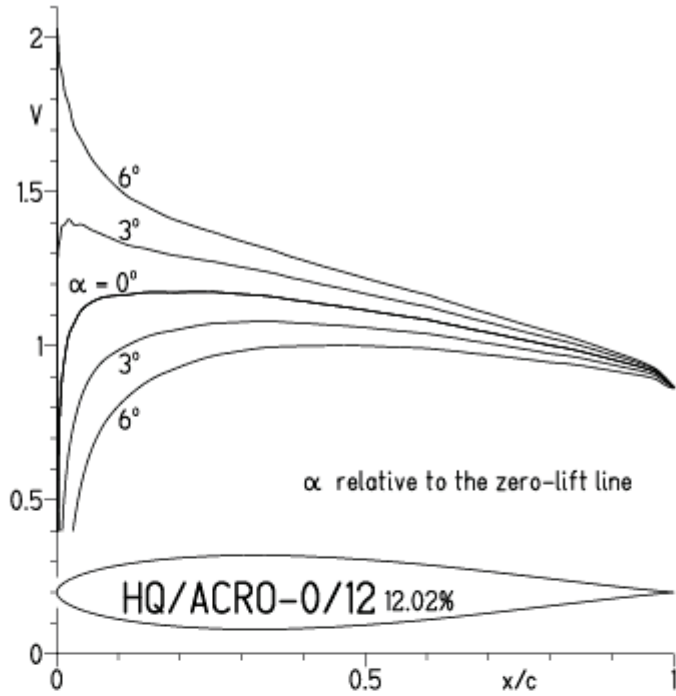


EPPLER 2005 V. 8.

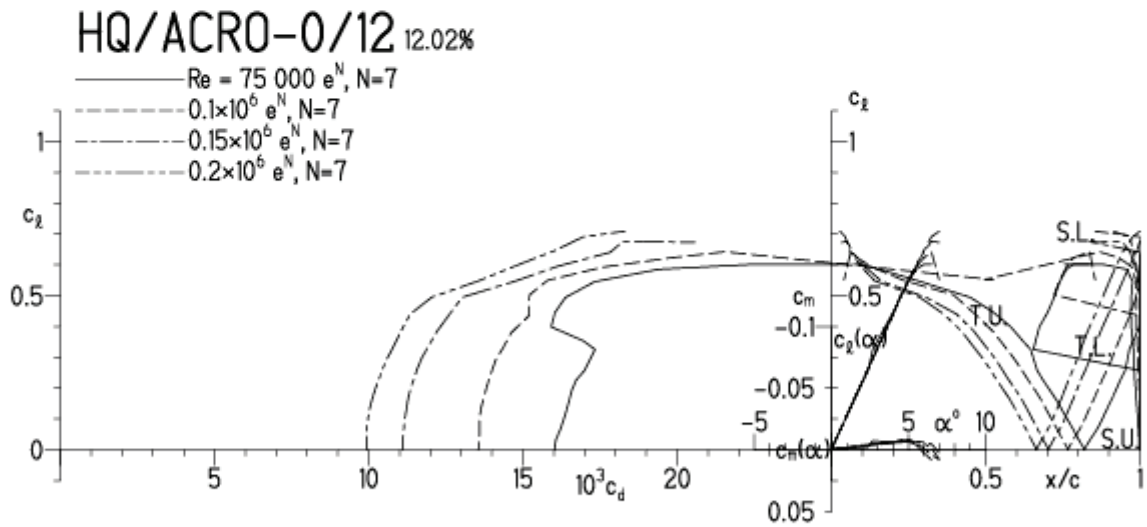
### HQ/ACRO-0/12 12.02%



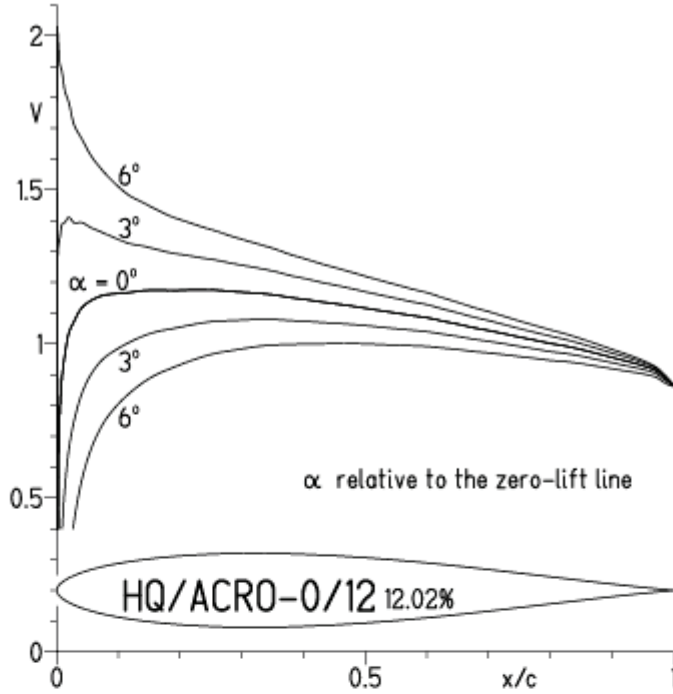
EPPLER 2005 V. 8.5.07 RUN 19.5.09 10:43



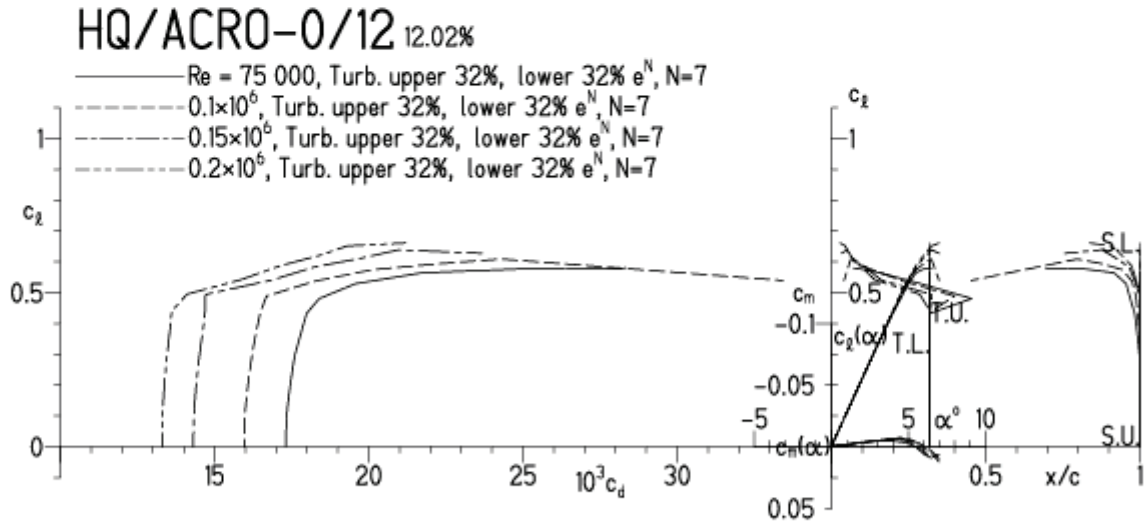
EPPLER 2005 V. 8.5.0



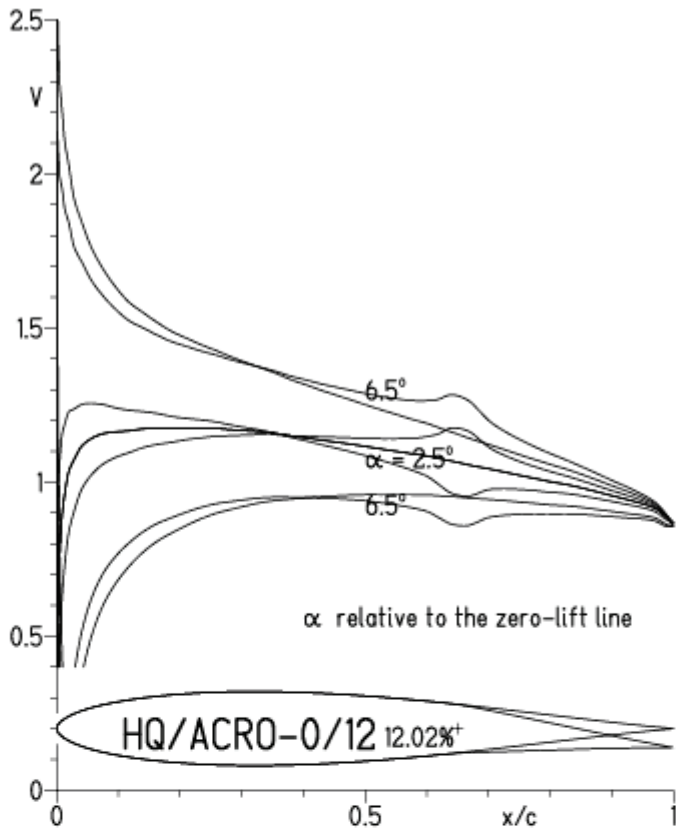
EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:07



EPPLER 2005 V. 8.5.07 R



EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:23

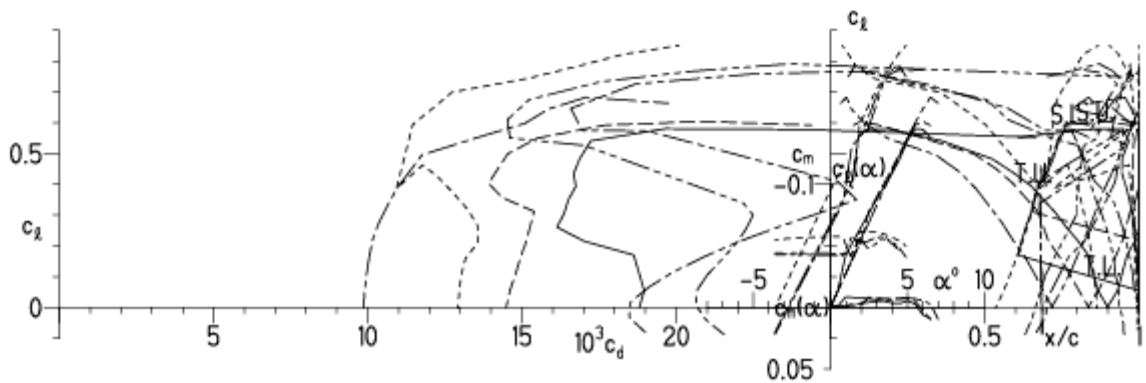


EPPLER 20

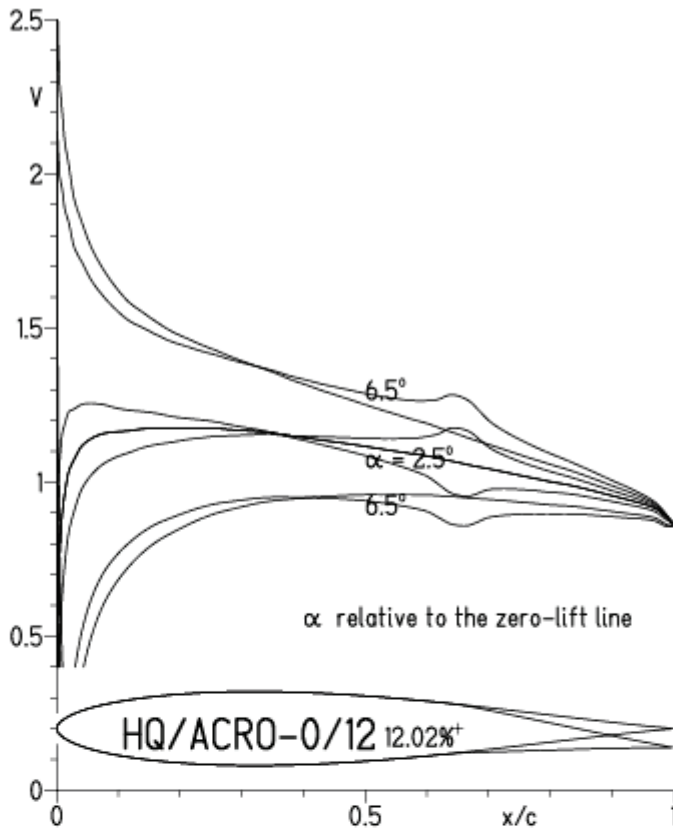
### HQ/ACRO-0/12 12.02%

- Re = 75 000 e<sup>N</sup>, N=9
- - - 0.1 × 10<sup>6</sup> e<sup>N</sup>, N=9
- · - 0.2 × 10<sup>6</sup> e<sup>N</sup>, N=9
- · - 35% Flap 5°, Re = 75 000 e<sup>N</sup>, N=9
- · - 35% Flap 5°, Re = 0.1 × 10<sup>6</sup> e<sup>N</sup>, N=9
- · - 35% Flap 5°, Re = 0.2 × 10<sup>6</sup> e<sup>N</sup>, N=9

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



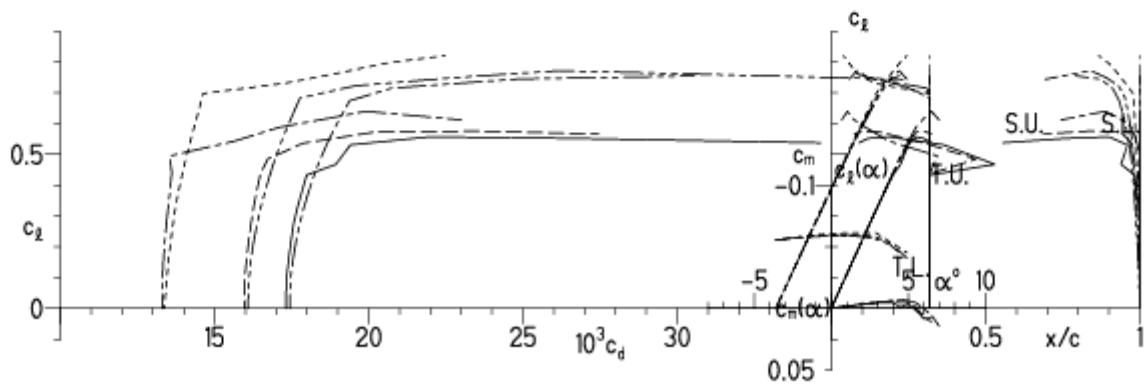
EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:30



EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:30

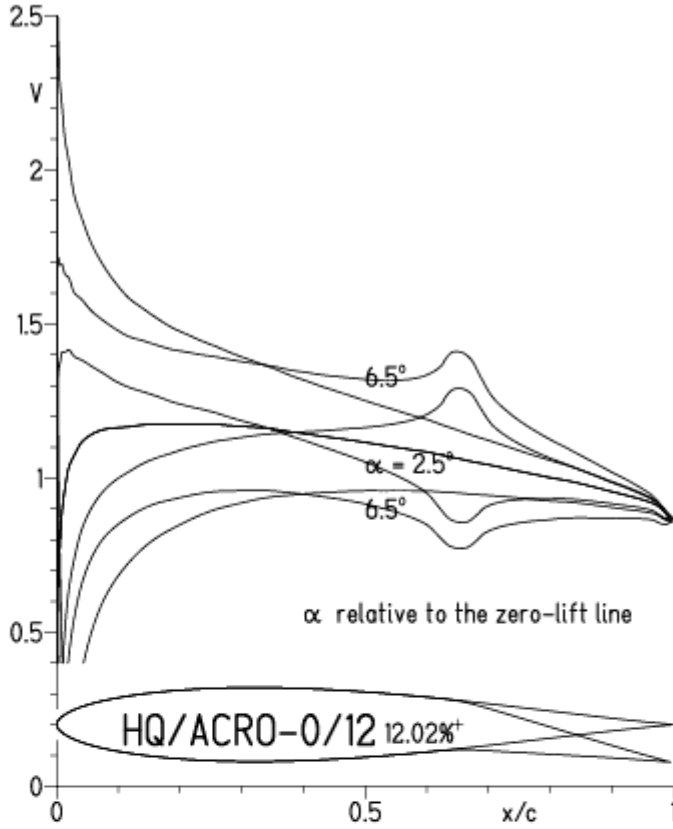
### HQ/ACRO-0/12 12.02%

- Re = 75 000, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - - - 0.1×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 0.2×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 35% Flap 5°, Re = 75 000, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 35% Flap 5°, Re = 0.1×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 35% Flap 5°, Re = 0.2×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
- T boundary layer transition  
 S boundary layer separation  
 U upper surface  
 L lower surface





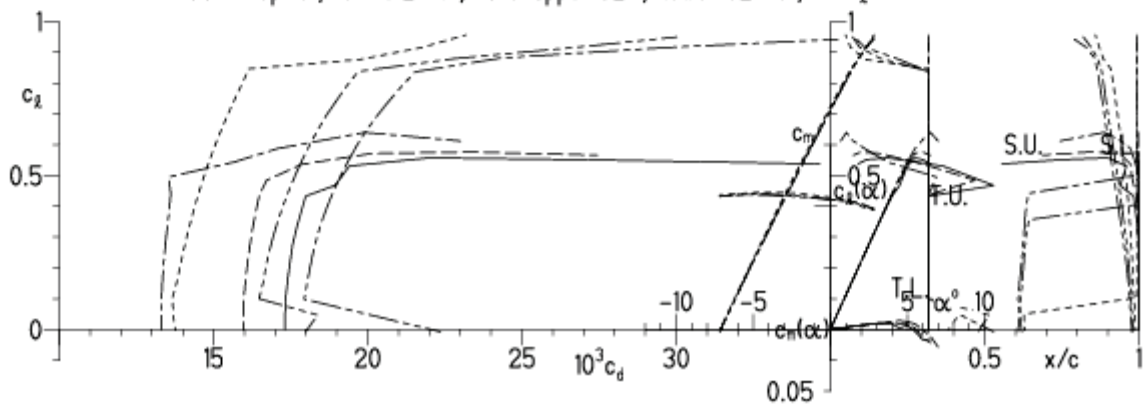
EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:33



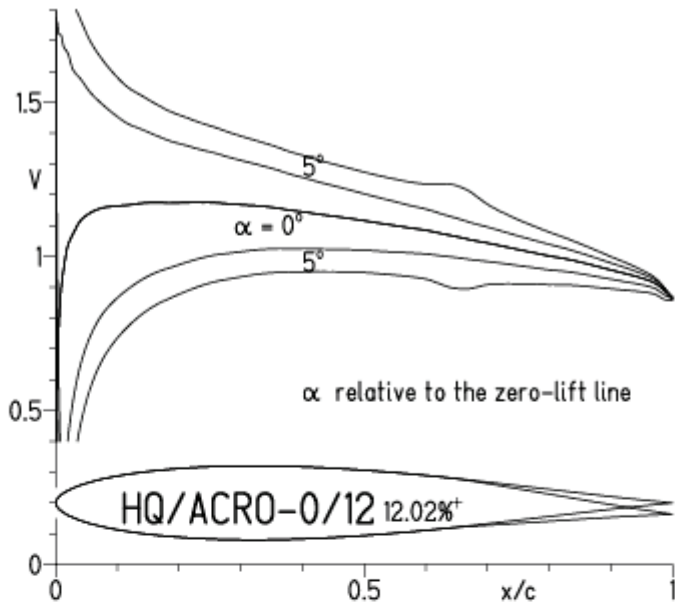
EPPLER 2005 V. 8.5.07 RUN 19

### HQ/ACRO-0/12 12.02%

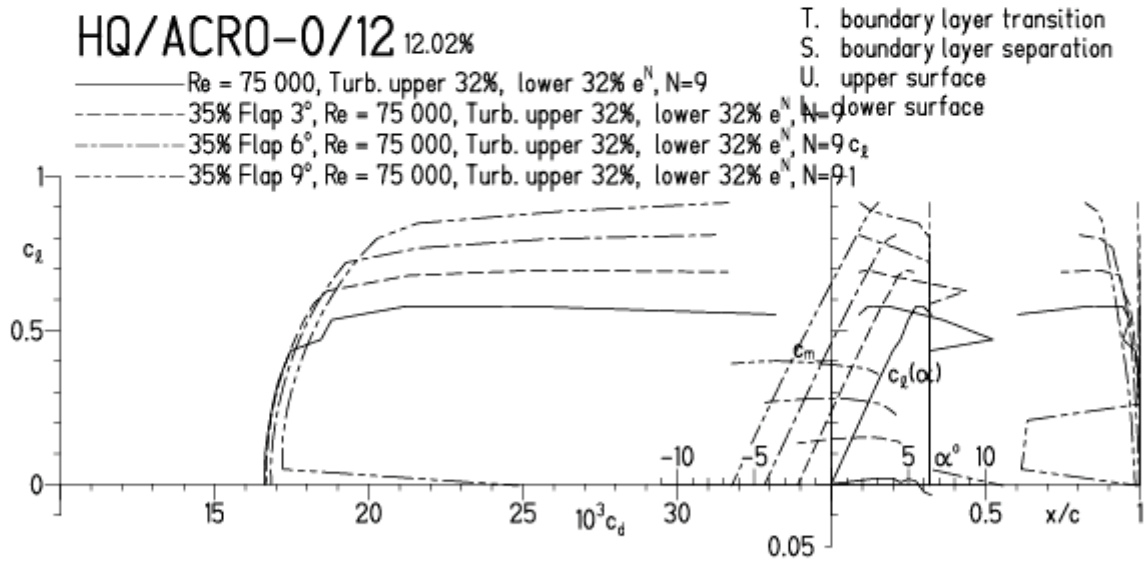
- Re = 75 000, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - - - 0.1×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 0.2×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 35% Flap 10°, Re = 75 000, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 35% Flap 10°, Re = 0.1×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
  - · - 35% Flap 10°, Re = 0.2×10<sup>6</sup>, Turb. upper 32%, lower 32% e<sup>N</sup>, N=9
- T. boundary layer transition  
S. boundary layer separation
- U. upper surface  
L. lower surface



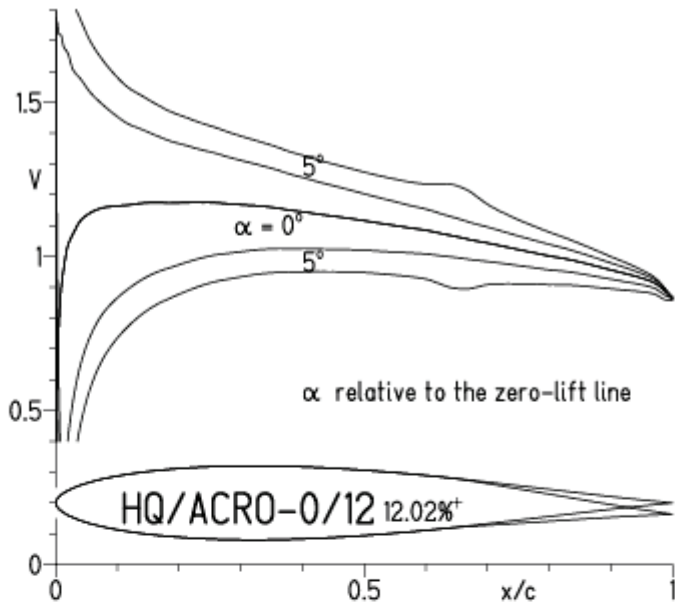
EPPLER 2005 V. 8.5.07 RUN 19.5.09 11:57



EPPLER 2005 V. 8.5.



EPPLER 2005 V. 8.5.07 RUN 19.5.09 12:00



EPPLER 2005 V. 8.5.07 RUN 19.5.09 1

### HQ/ACRO-0/12 12.02%

- $Re = 0.2 \times 10^6$ , Turb. upper 32%, lower 32%  $e^N$ ,  $N=9$
  - - - 35% Flap  $3^\circ$ ,  $Re = 0.2 \times 10^6$ , Turb. upper 32%, lower 32%  $e^N$ ,  $N=9$
  - - - 35% Flap  $6^\circ$ ,  $Re = 0.2 \times 10^6$ , Turb. upper 32%, lower 32%  $e^N$ ,  $N=9$
  - - - 35% Flap  $9^\circ$ ,  $Re = 0.2 \times 10^6$ , Turb. upper 32%, lower 32%  $e^N$ ,  $N=9$
- T. boundary layer transition  
S. boundary layer separation

