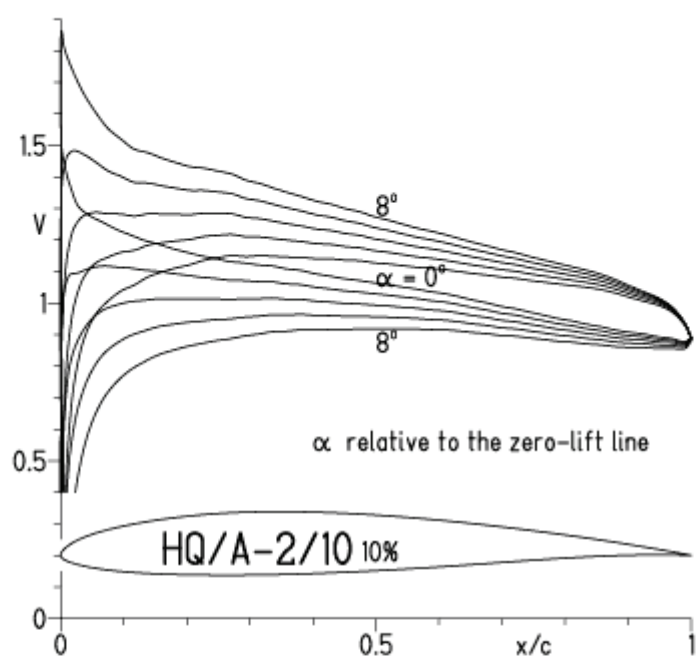


# HQ/ACRO-2/10, N=11

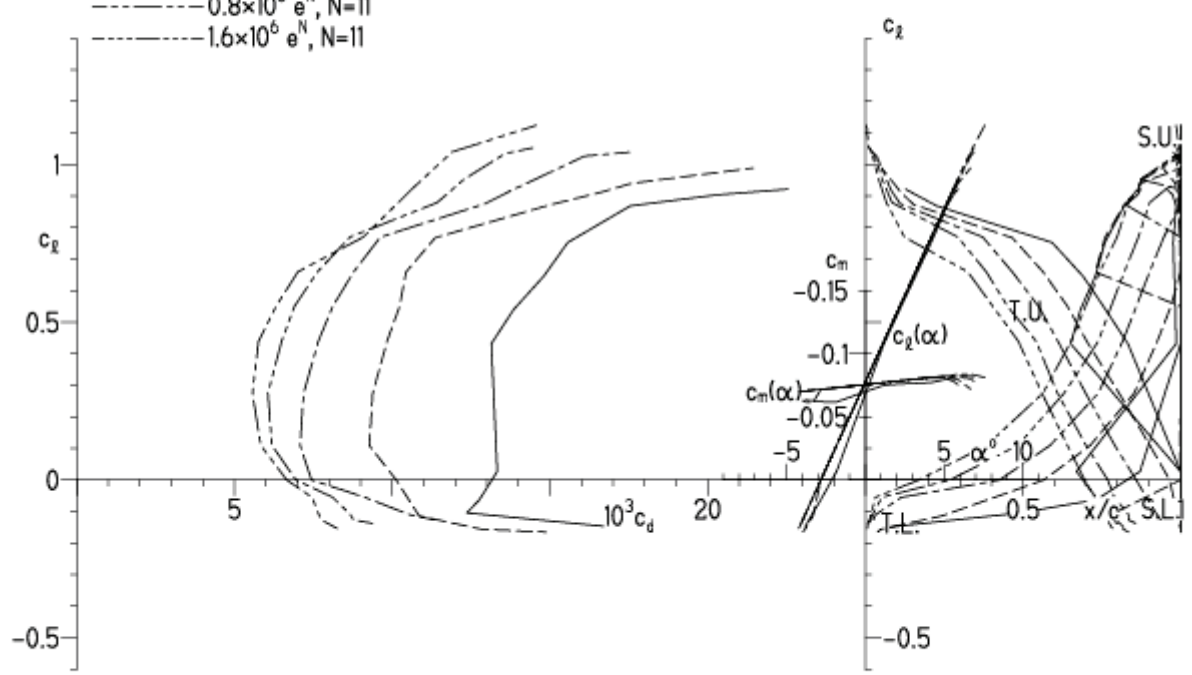
EPPLER 2005 V. 8.5.07 RUN 3.8.12 19:11



EPPLER 2005 V. 8.5.07 RUN 3.

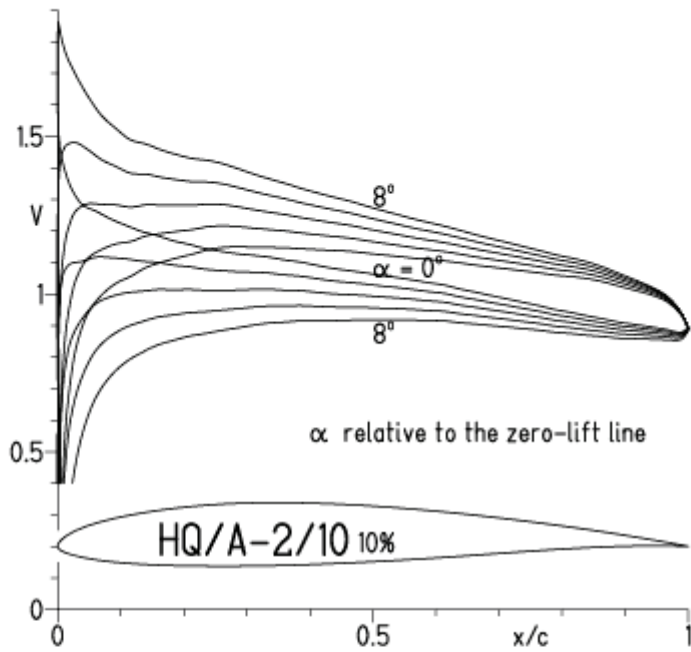
## HQ/A-2/10 10%

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



# HQ/ACRO-2/10, N=9

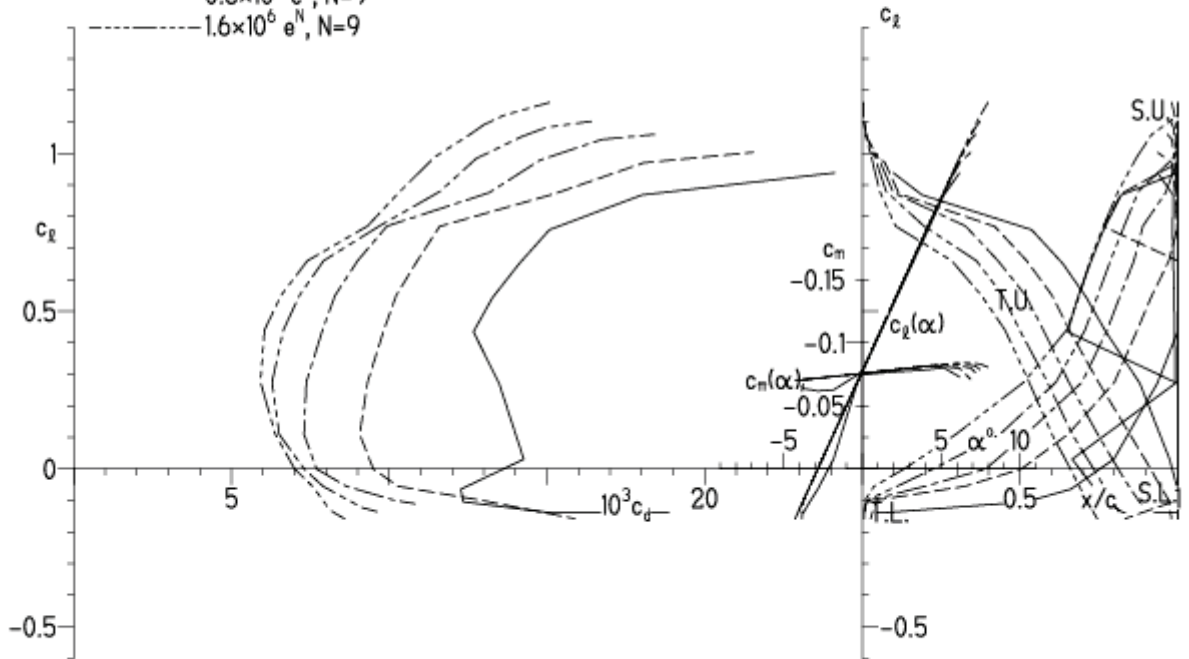
EPPLER 2005 V. 8.5.07 RUN 4.8.12 12:41



EPPLER 2005 V. 8.5.07 RUN 4.8.12 12:41

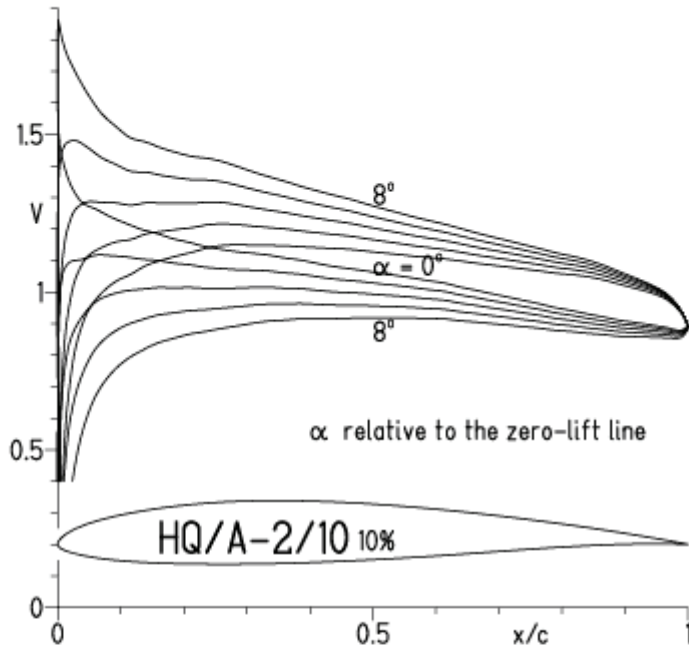
## HQ/A-2/10 10%

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



HQ/ACRO-2/10, N=9 (turbulenter Flächenspitzenbereich)

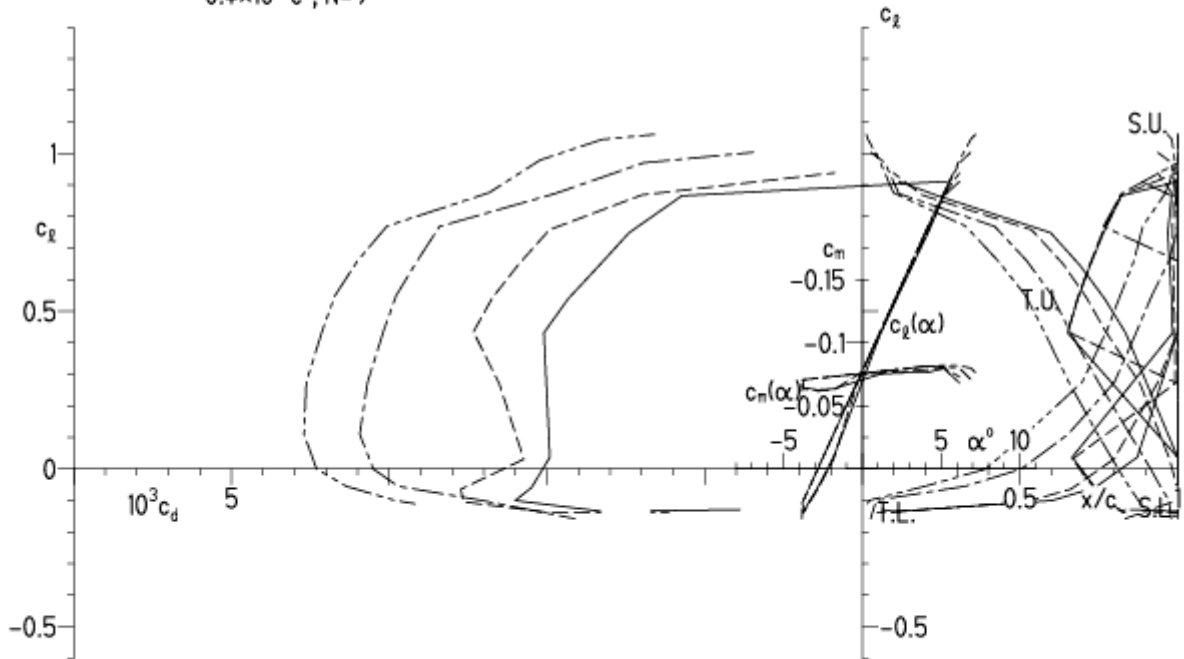
EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:14



EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:14

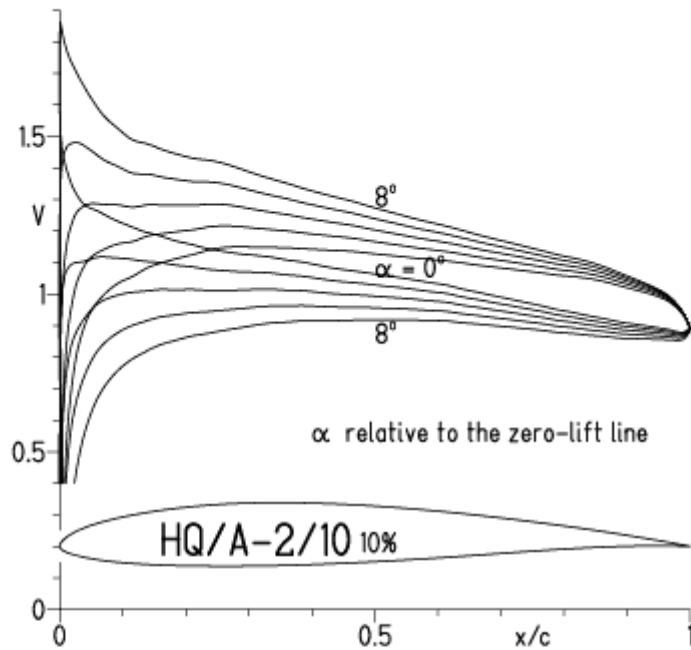
HQ/A-2/10 10%

- $Re = 75\,000 e^N, N=9$
- - -  $0.1 \times 10^6 e^N, N=9$
- · -  $0.2 \times 10^6 e^N, N=9$
- - -  $0.4 \times 10^6 e^N, N=9$



# HQ/ACRO-2/10, N=7 (turbulenter Flächenspitzenbereich)

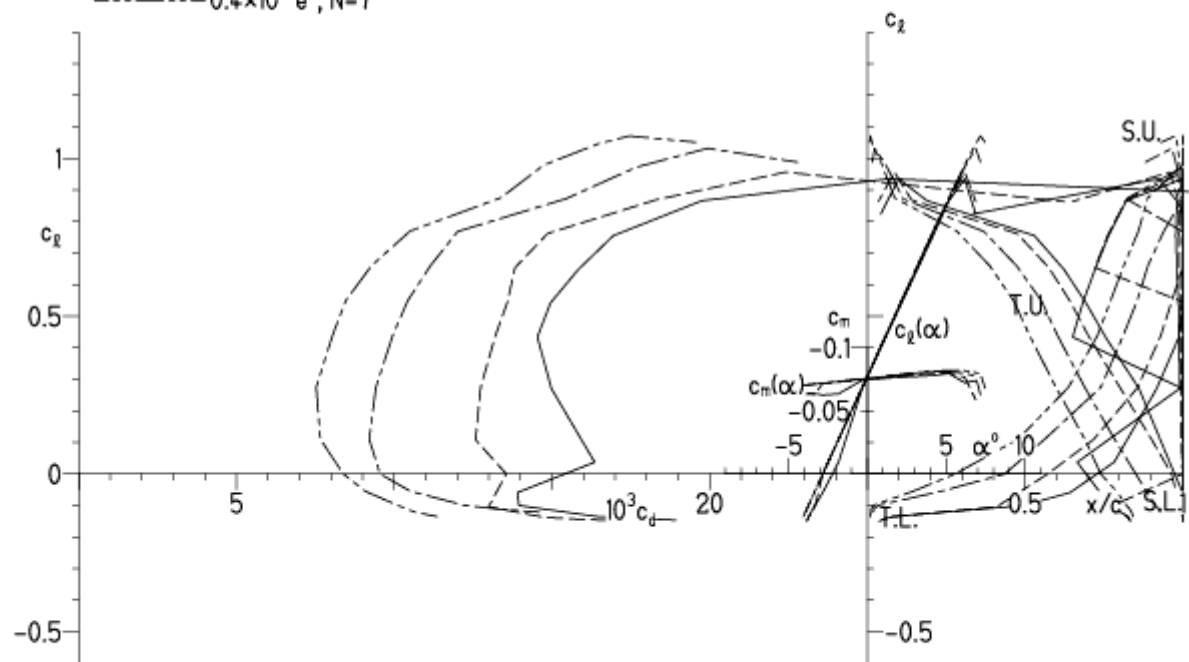
EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:18



EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:18

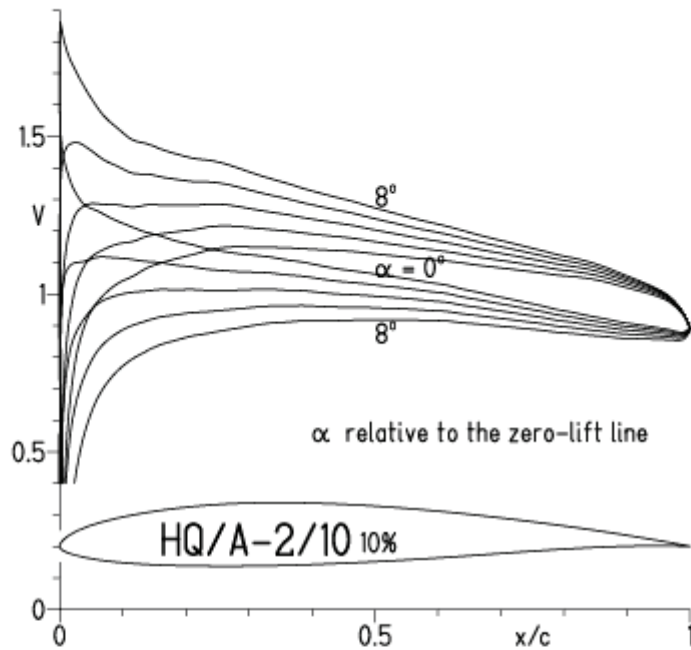
## HQ/A-2/10 10%

- $Re = 75\,000 e^N, N=7$
- - -  $0.1 \times 10^6 e^N, N=7$
- · -  $0.2 \times 10^6 e^N, N=7$
- · - ·  $0.4 \times 10^6 e^N, N=7$



# HQ/ACRO-2/10, N=7 (turbulenter Flächenspitzenbereich), Turbulatoreffekt

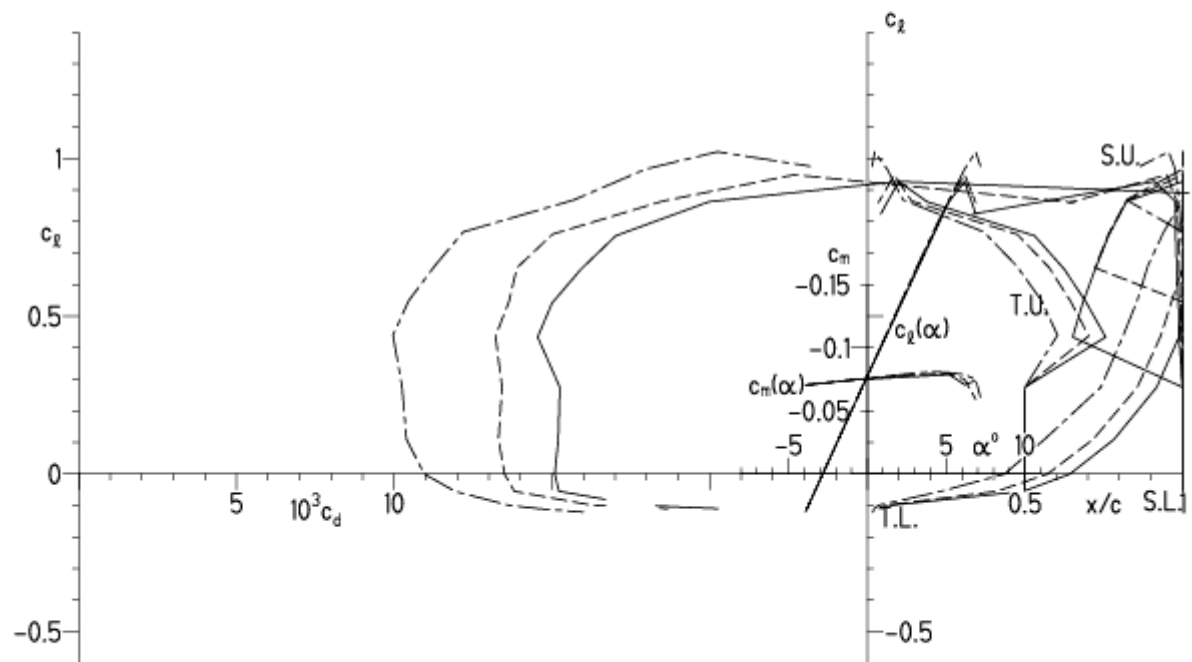
EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:22



EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:22

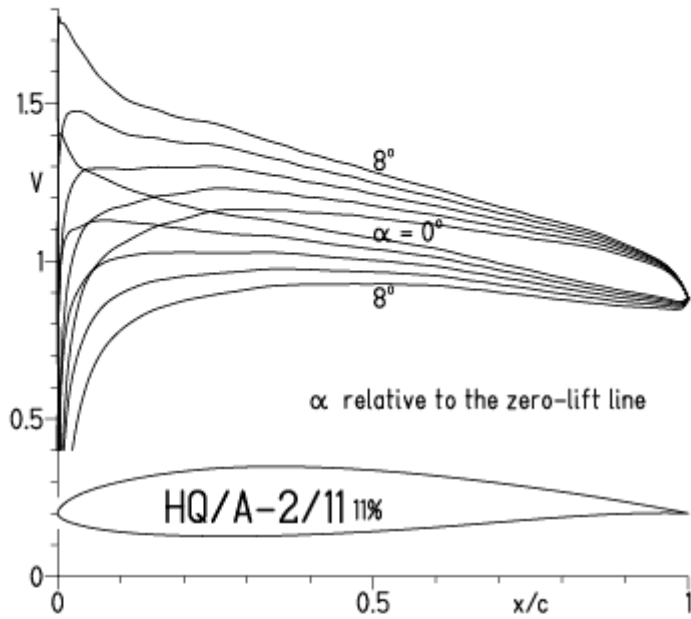
## HQ/A-2/10 10%

- $Re = 75\,000$ , Turb. upper 50%  $e^N$ ,  $N=7$
- - -  $0.1 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$
- · -  $0.2 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$

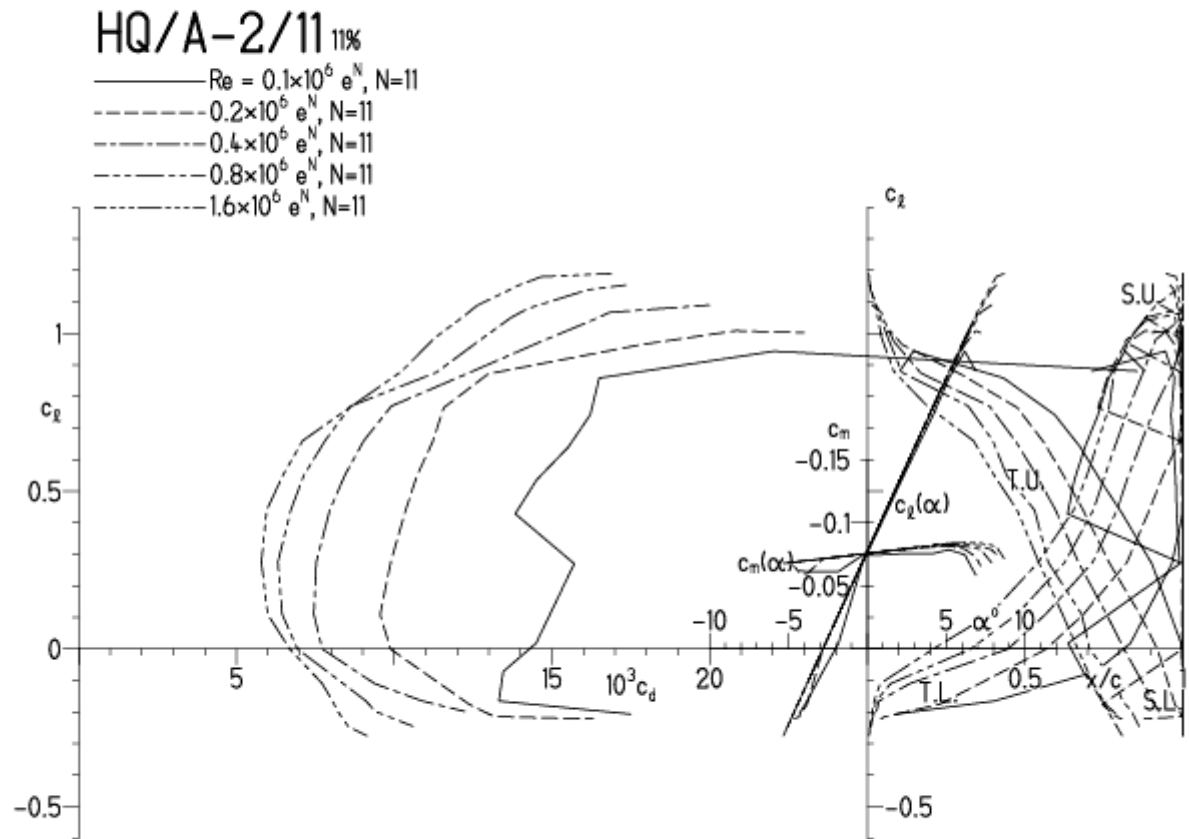


HQ/ACRO-2/11, N=11

EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:53

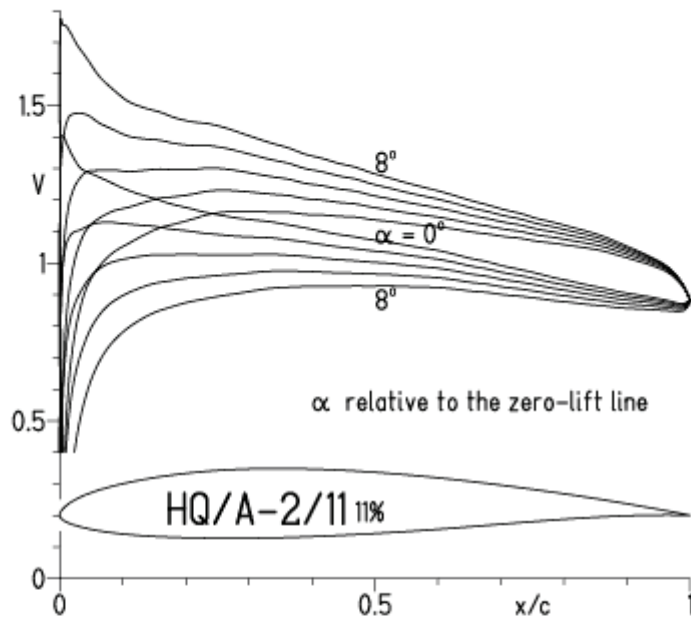


EPPLER 2005 V. 8.5.07 RUN 4.8.12 16:53

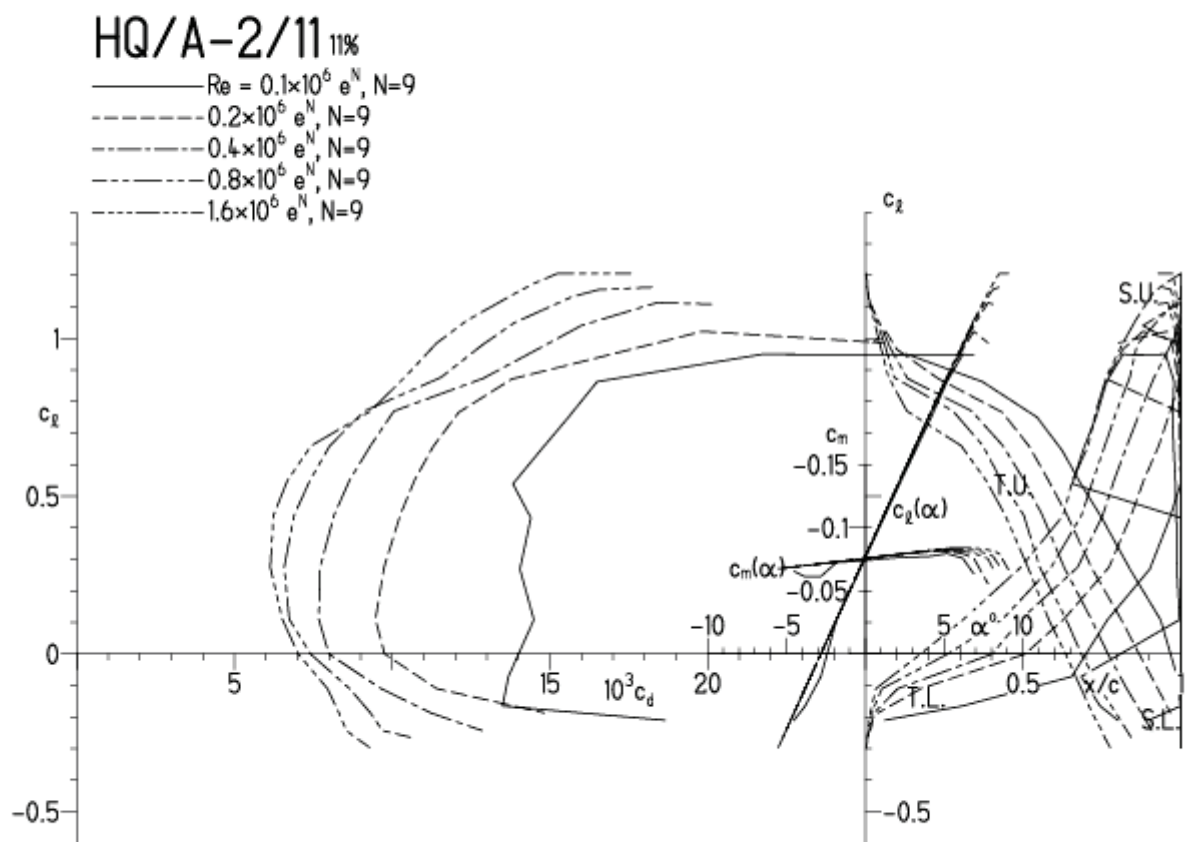


# HQ/ACRO-2/11, N=9

EPPLER 2005 V. 8.5.07 RUN 4.8.12 17:22

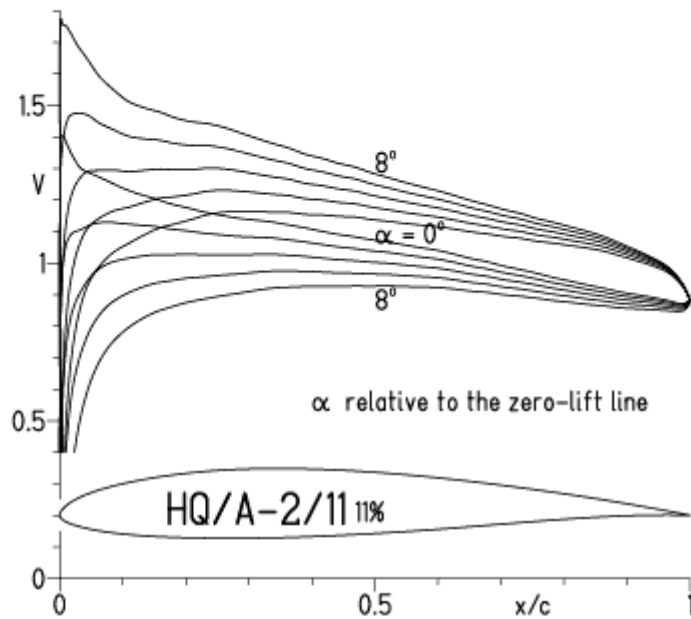


EPPLER 2005 V. 8.5.07 RUN 4.8.12 17:22



# HQ/ACRO-2/11, N=9 (turbulenter Flächenspitzenbereich)

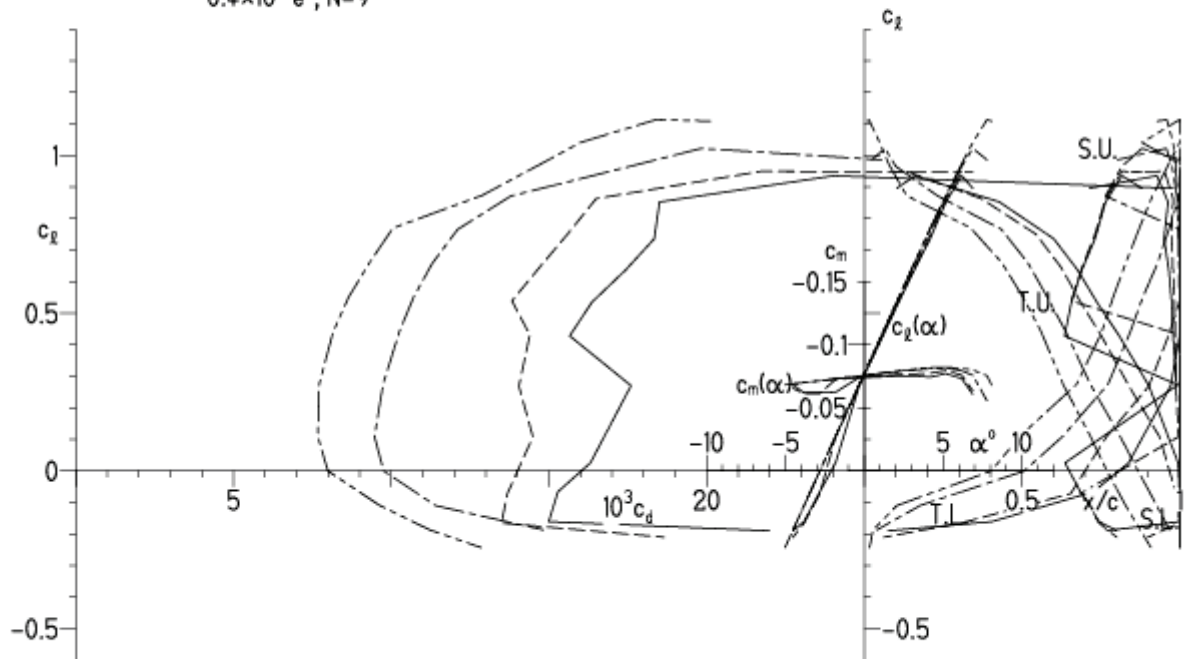
EPPLER 2005 V. 8.5.07 RUN 4.8.12 17:26



EPPLER 2005 V. 8.5.07 RUN 4.8.12 17:26

## HQ/A-2/11 11%

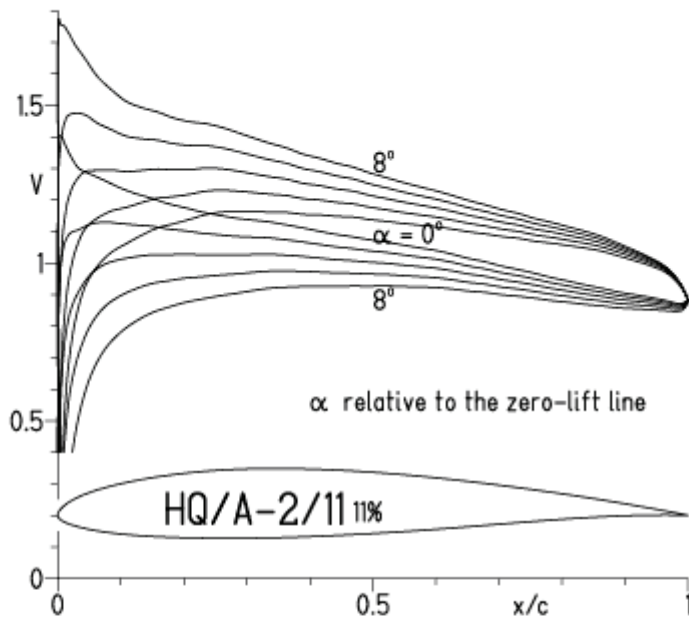
- $Re = 75\,000 e^N, N=9$
- - -  $0.1 \times 10^6 e^N, N=9$
- · -  $0.2 \times 10^6 e^N, N=9$
- · - ·  $0.4 \times 10^6 e^N, N=9$





HQ/ACRO-2/11, N=7 (turbulenter Flächenspitzenbereich)

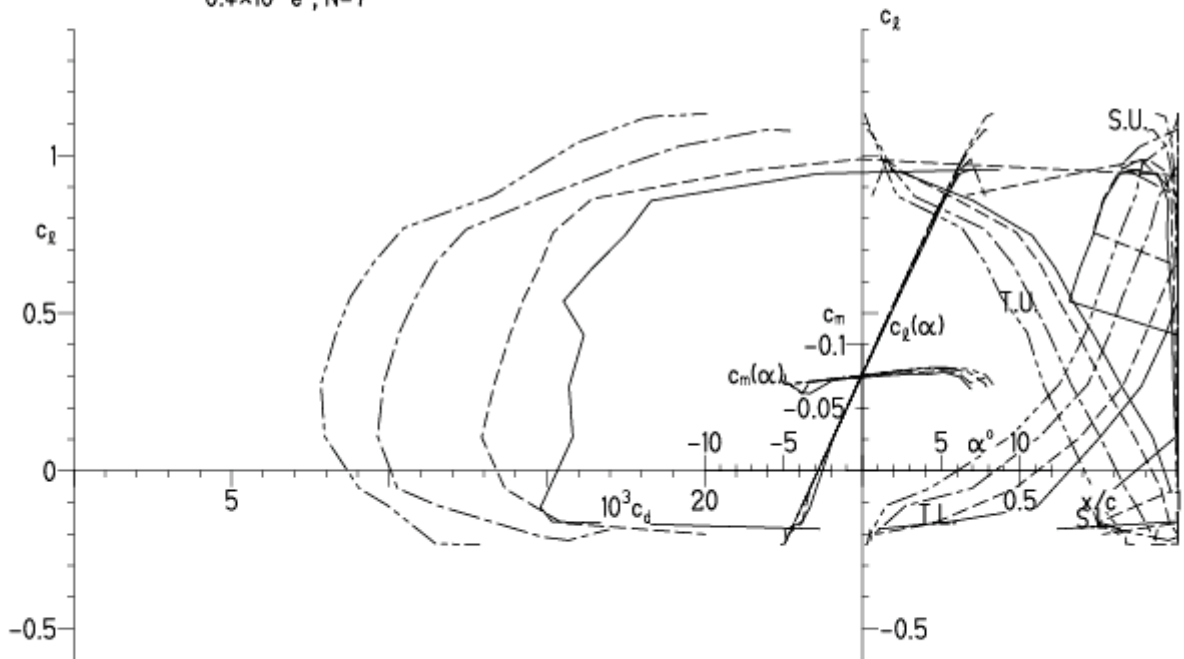
EPPLER 2005 V. 8.5.07 RUN 4.8.12 17:35



EPPLER 2005 V. 8.5.07 RUN 4.8.12 17:35

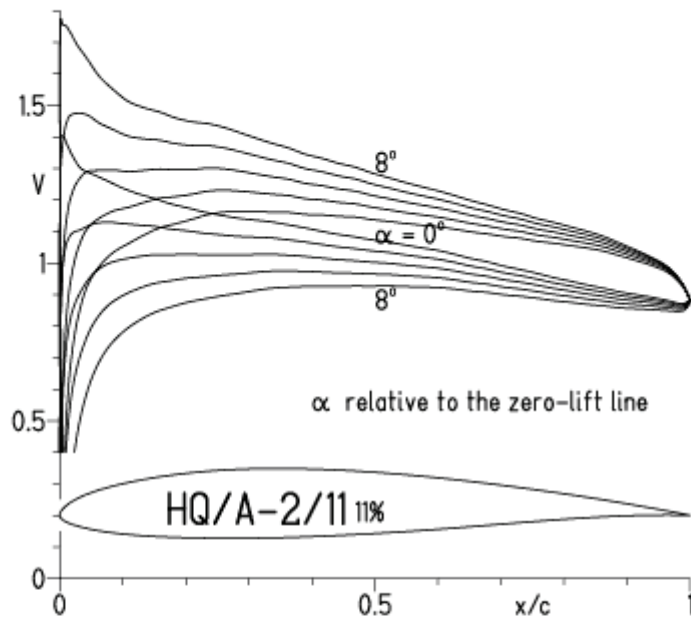
HQ/A-2/11 11%

- $Re = 75\,000 e^N, N=7$
- - -  $0.1 \times 10^6 e^N, N=7$
- · -  $0.2 \times 10^6 e^N, N=7$
- · - ·  $0.4 \times 10^6 e^N, N=7$



# HQ/ACRO-2/11, N=7 (turbulenter Flächenspitzenbereich), Turbulatoreffekt

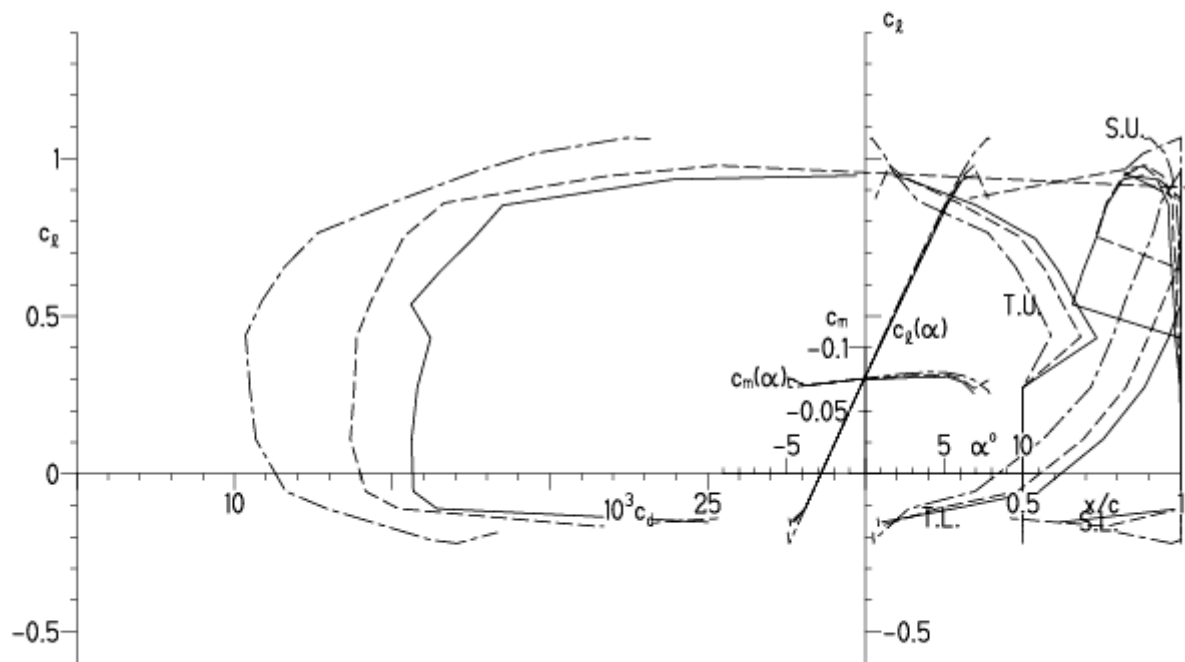
EPPLER 2005 V. 8.5.07 RUN 5.8.12 10:58



EPPLER 2005 V. 8.5.07 RUN 5.8.12 10:58

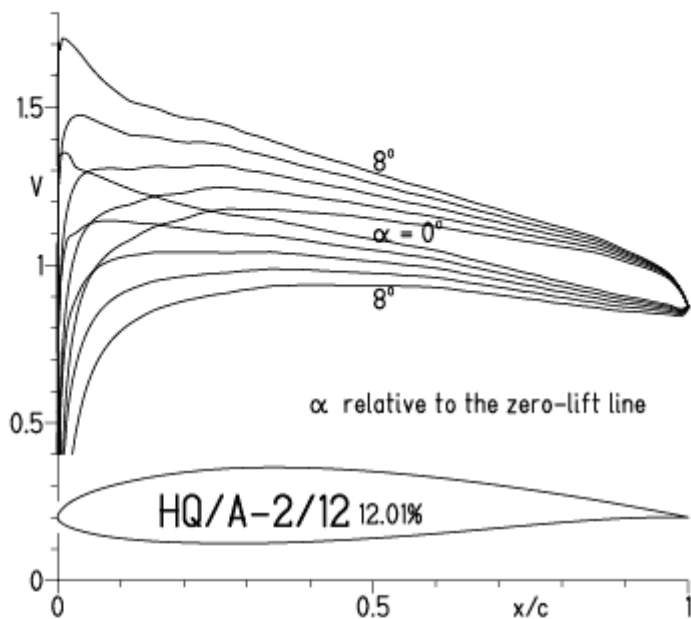
## HQ/A-2/11 11%

- $Re = 75\,000$ , Turb. upper 50%  $e^N$ ,  $N=7$
- - -  $0.1 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$
- · -  $0.2 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$

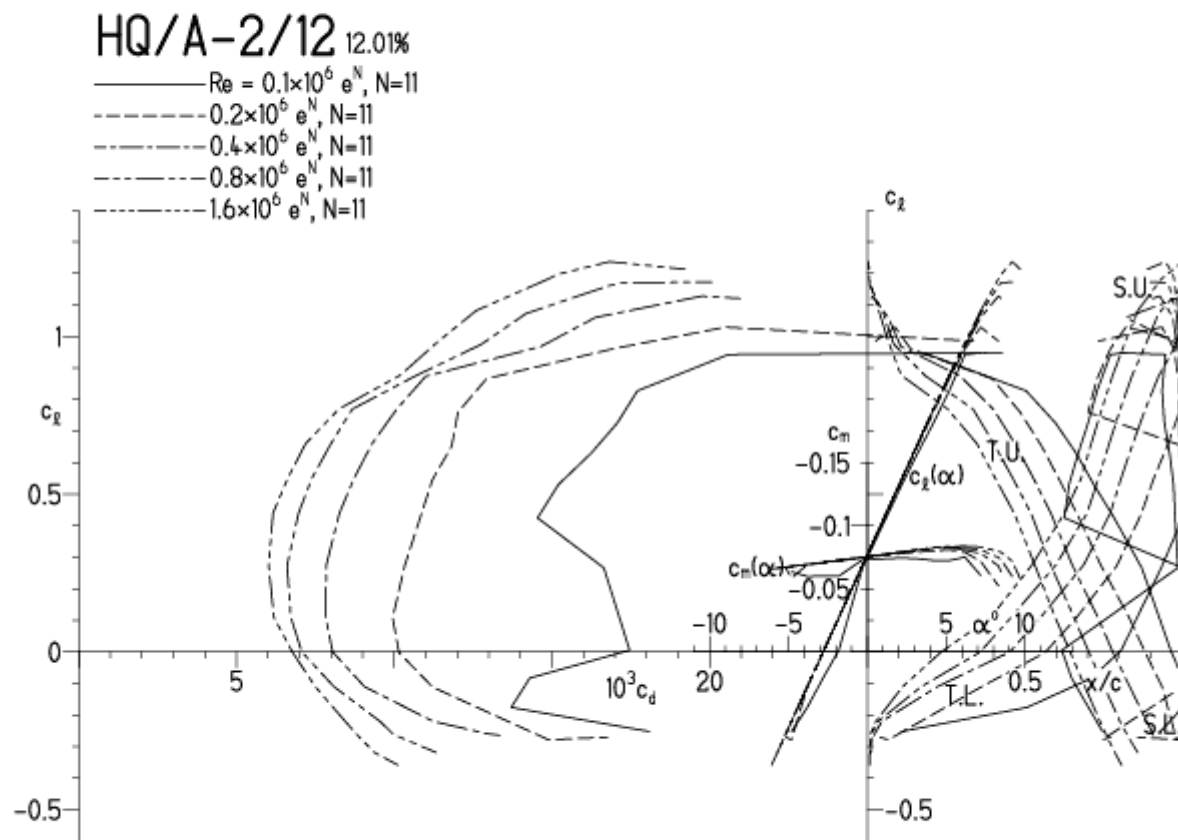


HQ/ACRO-2/12, N=11

EPPLER 2005 V. 8.5.07 RUN 5.8.12 11:49

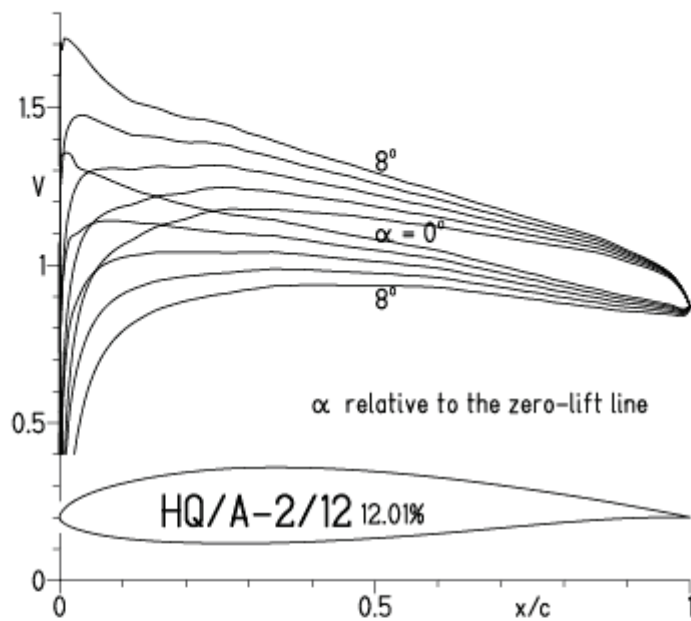


EPPLER 2005 V. 8.5.07 RUN 5.8.12 11:49

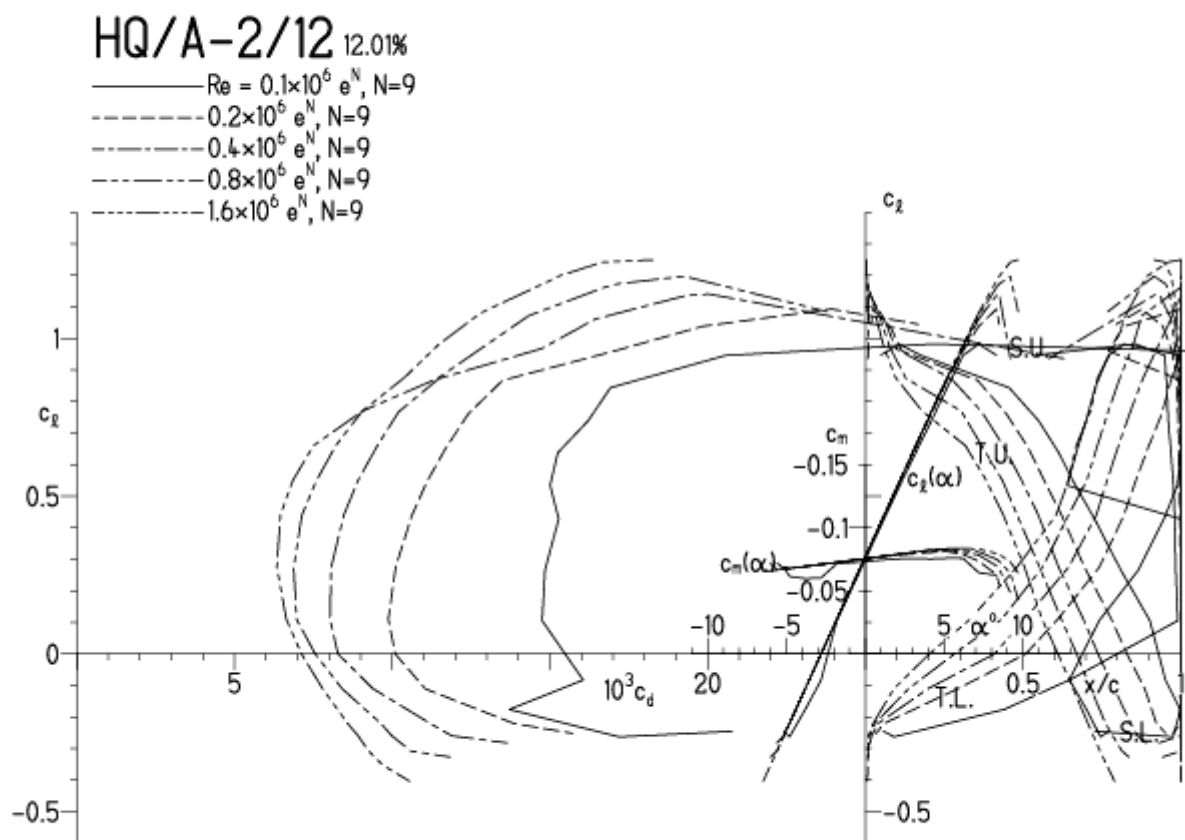


# HQ/ACRO-2/12, N=9

EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:10

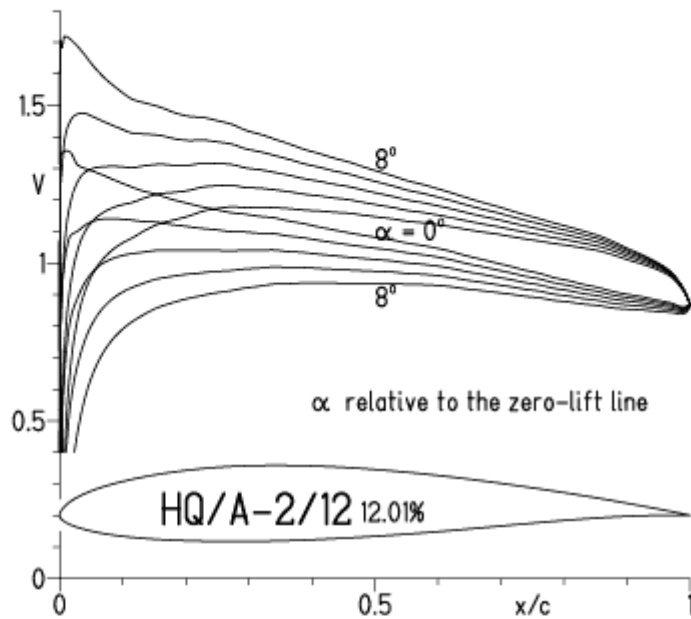


EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:10



# HQ/ACRO-2/12, N=9 (turbulenter Flächenspitzenbereich)

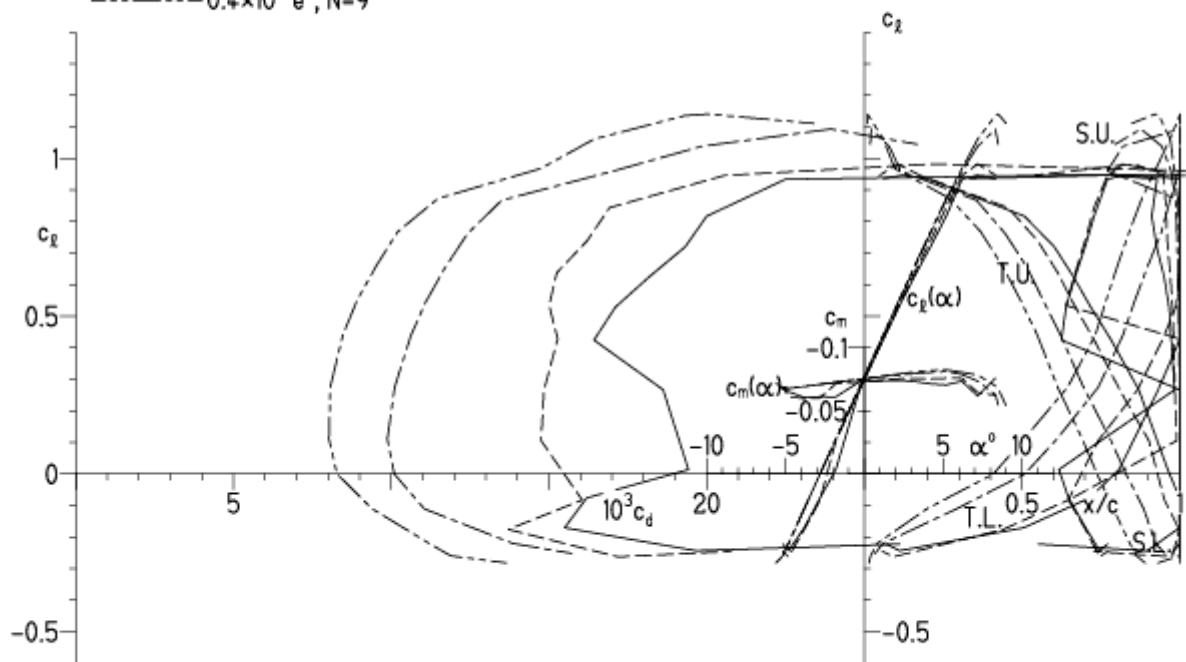
EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:15



EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:15

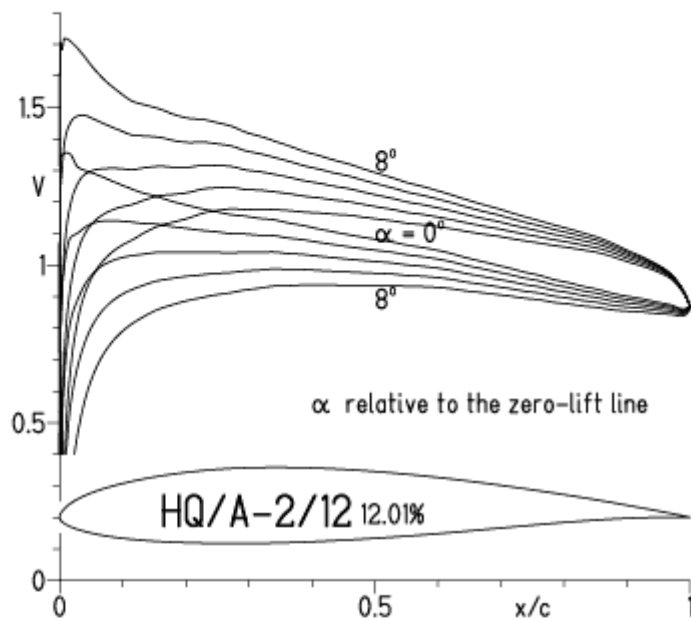
## HQ/A-2/12 12.01%

- $Re = 75\,000 e^N, N=9$
- - -  $0.1 \times 10^6 e^N, N=9$
- · -  $0.2 \times 10^6 e^N, N=9$
- - -  $0.4 \times 10^6 e^N, N=9$



# HQ/ACRO-2/12, N=7 (turbulenter Flächenspitzenbereich)

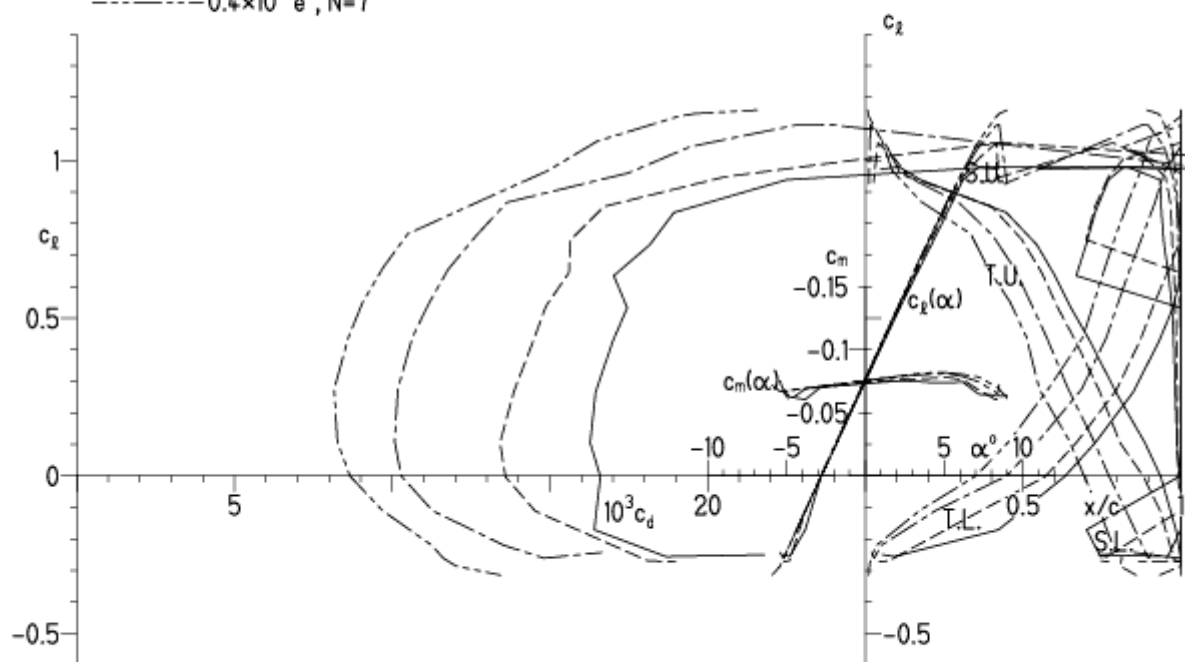
EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:28



EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:28

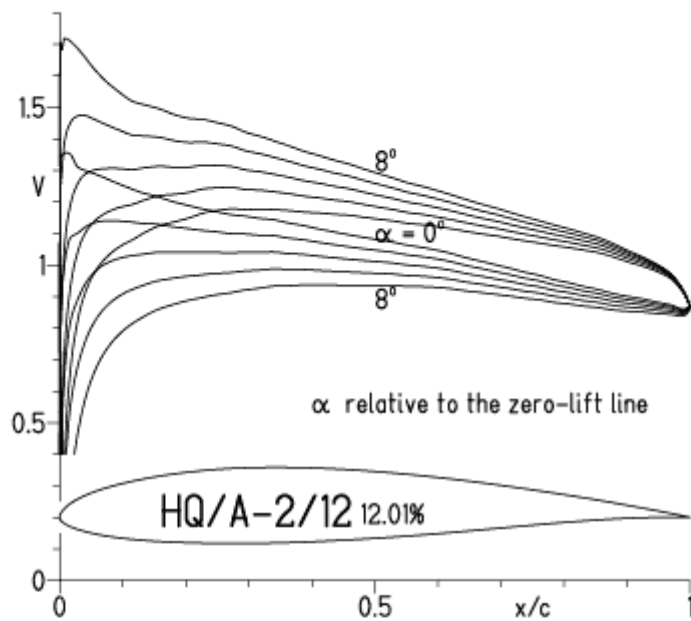
## HQ/A-2/12 12.01%

- $Re = 75\,000 e^N, N=7$
- - -  $0.1 \times 10^6 e^N, N=7$
- · -  $0.2 \times 10^6 e^N, N=7$
- · - ·  $0.4 \times 10^6 e^N, N=7$



# HQ/ACRO-2/12, N=7 (turbulenter Flächenspitzenbereich), Turbulatoreffekt

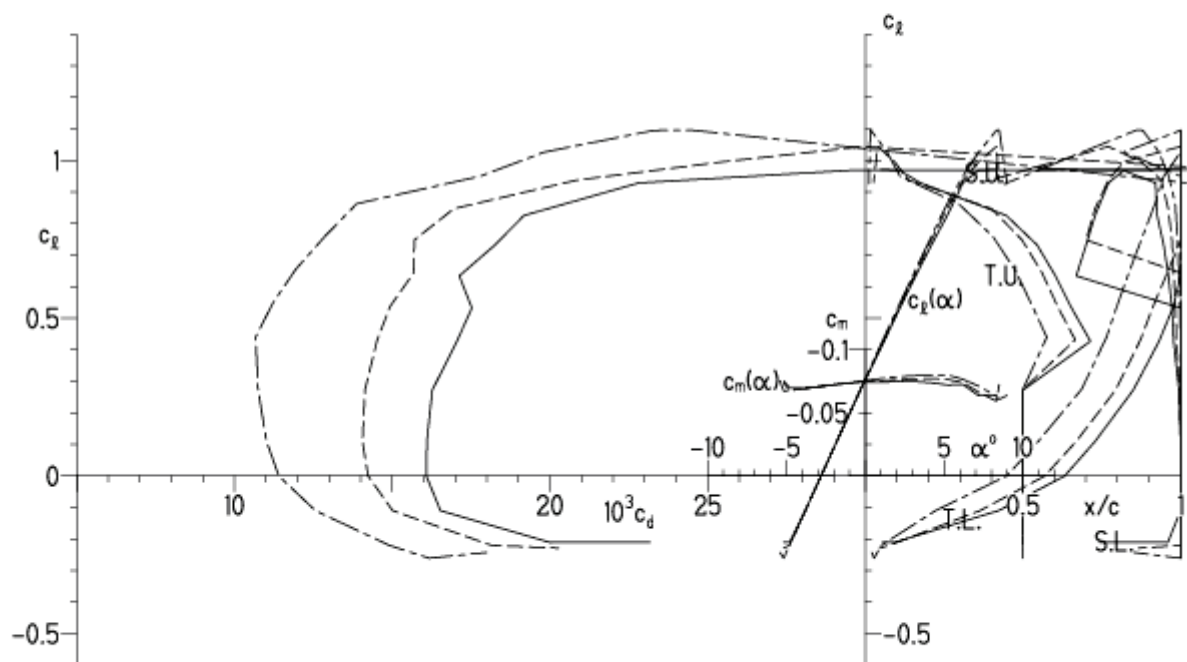
EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:32



EPPLER 2005 V. 8.5.07 RUN 5.8.12 12:32

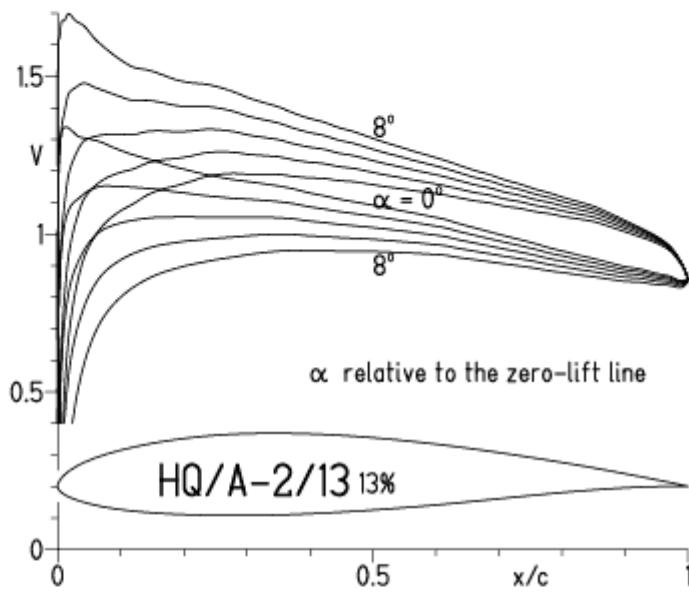
## HQ/A-2/12 12.01%

- $Re = 75\,000$ , Turb. upper 50%  $e^N$ ,  $N=7$
- - -  $0.1 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$
- · -  $0.2 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$

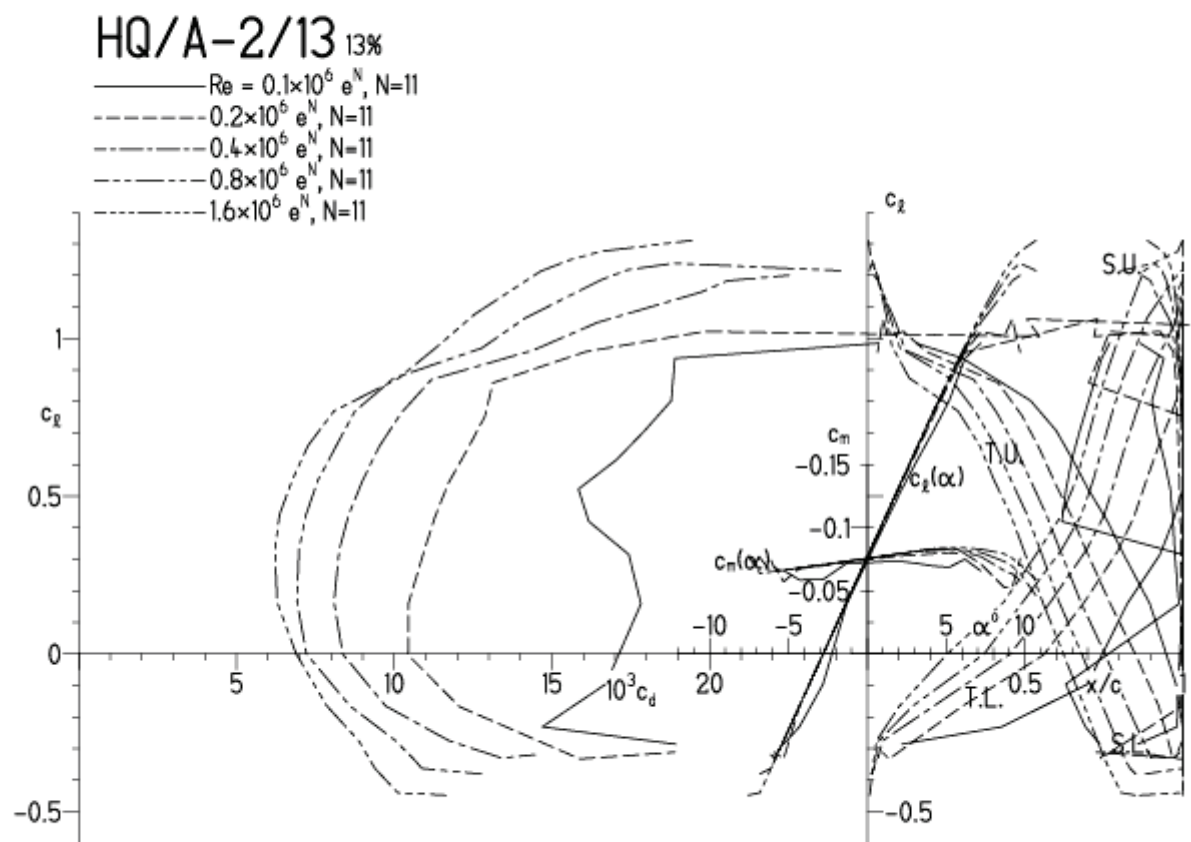


HQ/ACRO-2/13, N=11

EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:29



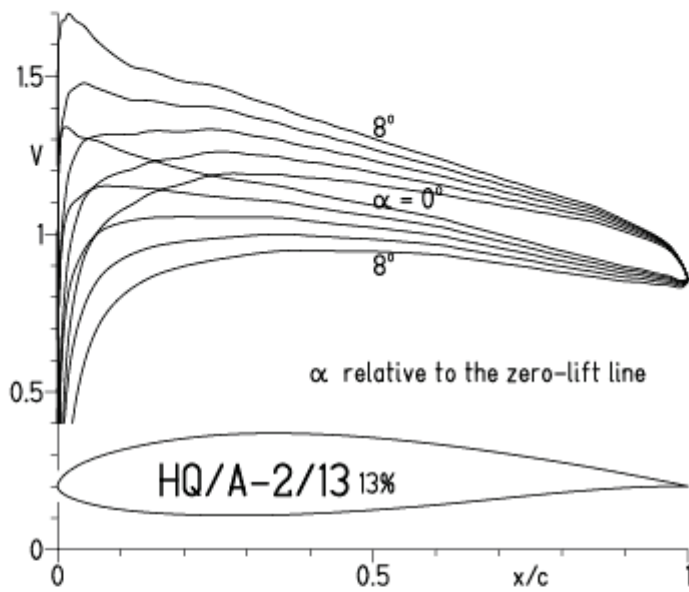
EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:29



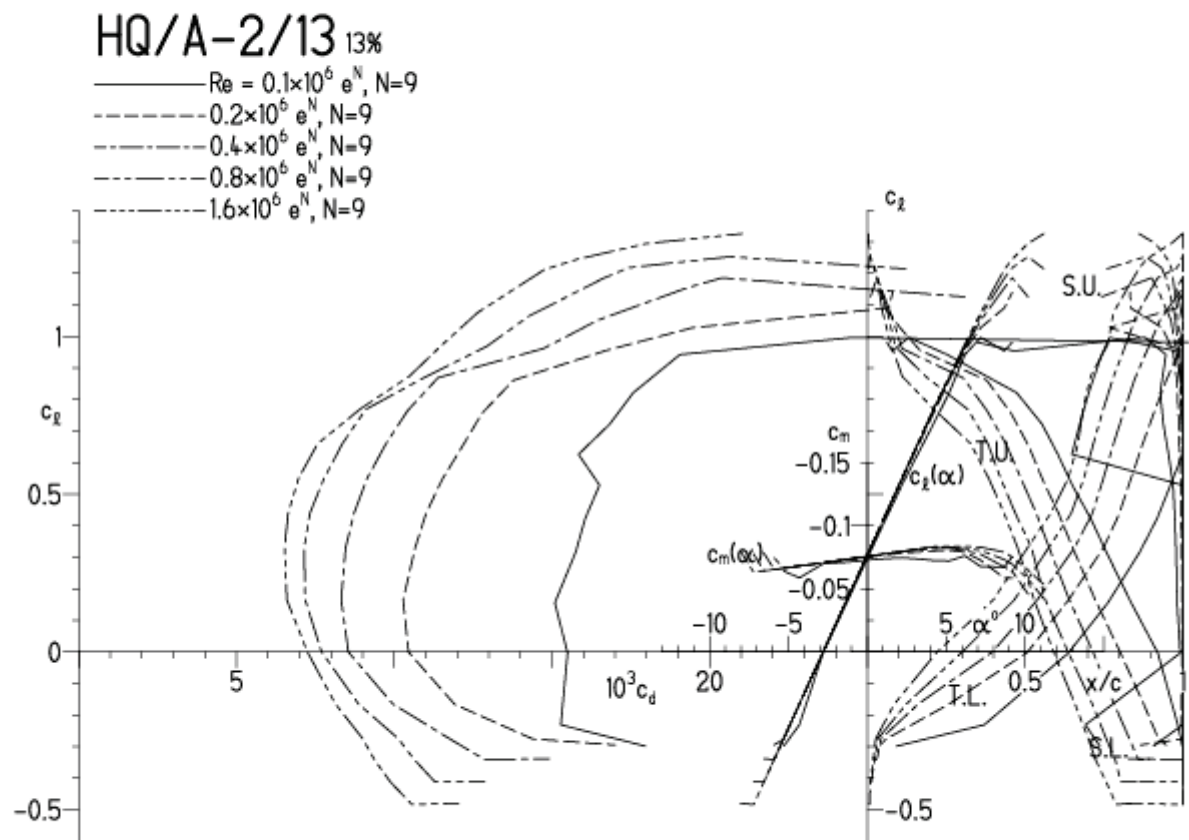


HQ/ACRO-2/13, N=9

EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:43

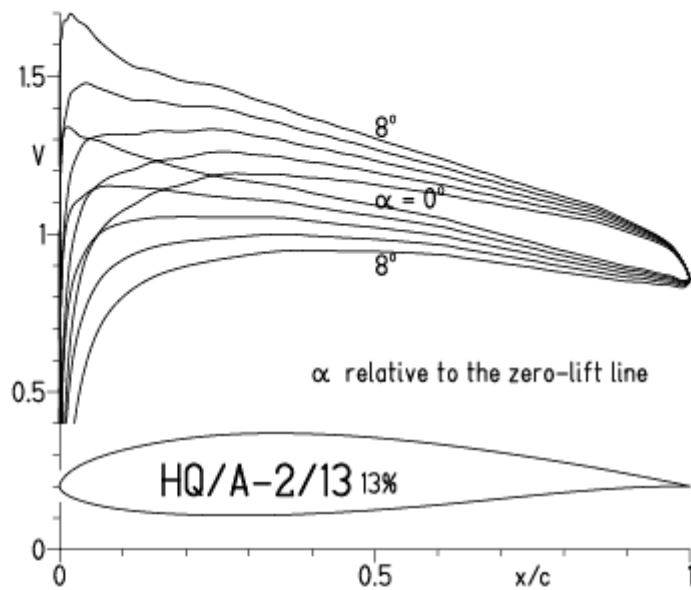


EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:43



# HQ/ACRO-2/13, N=9 (turbulenter Flächenspitzenbereich)

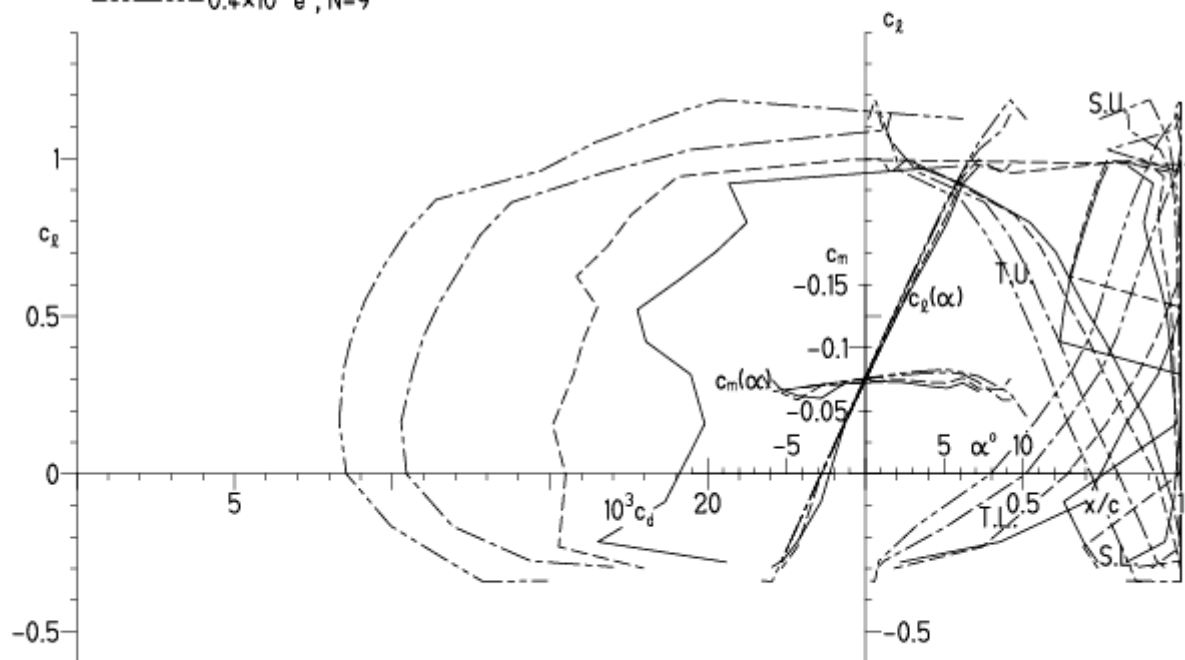
EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:47



EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:47

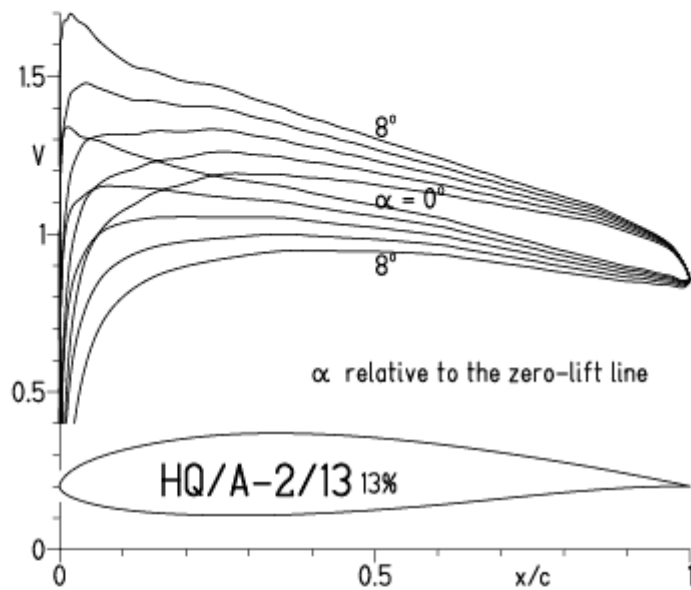
## HQ/A-2/13 13%

- $Re = 75\,000 e^N, N=9$
- - -  $0.1 \times 10^6 e^N, N=9$
- · -  $0.2 \times 10^6 e^N, N=9$
- · - ·  $0.4 \times 10^6 e^N, N=9$



# HQ/ACRO-2/13, N=7 (turbulenter Flächenspitzenbereich)

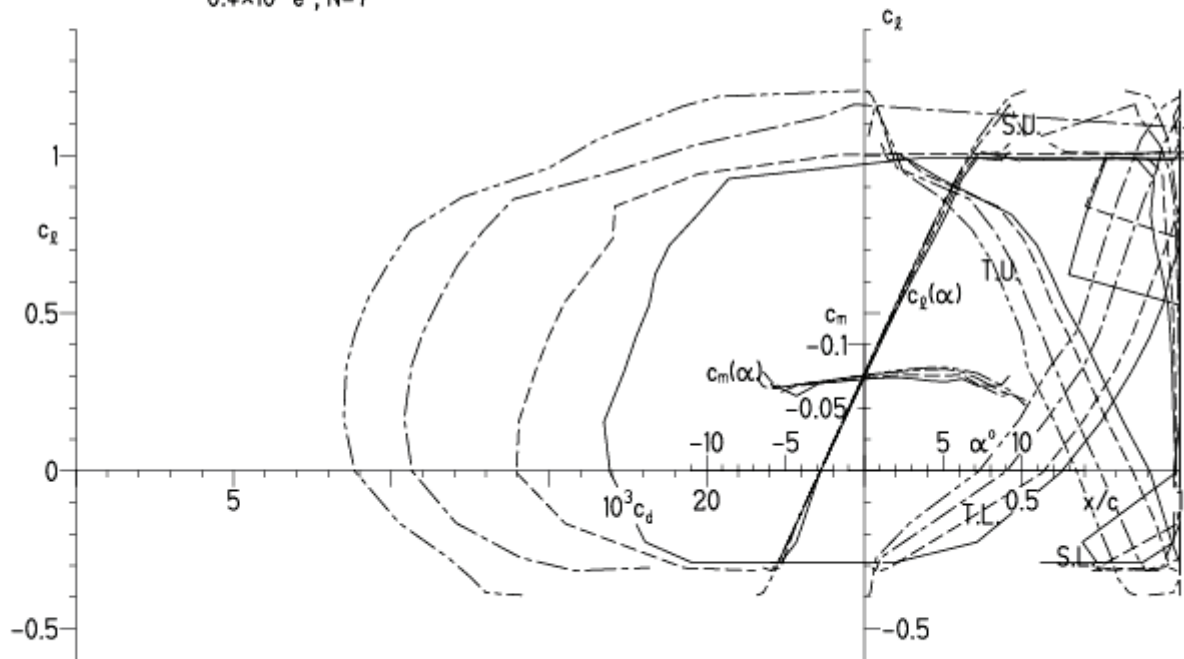
EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:54



EPPLER 2005 V. 8.5.07 \

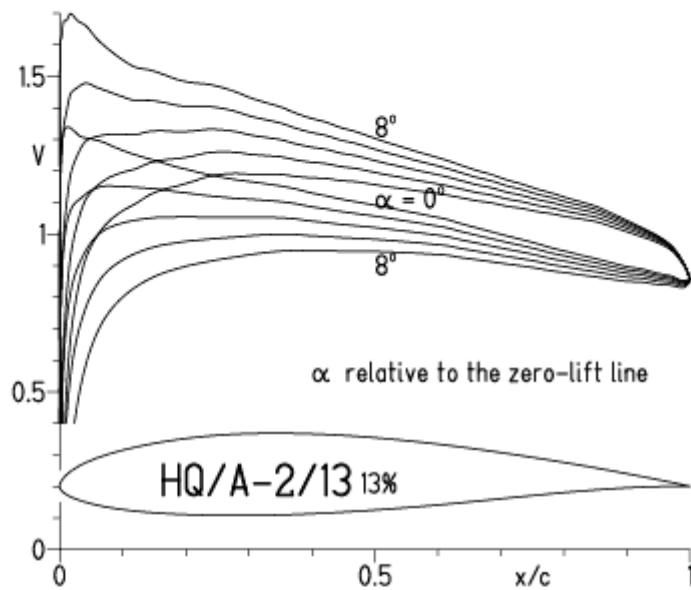
## HQ/A-2/13 13%

- $Re = 75\,000 e^N, N=7$
- - -  $0.1 \times 10^6 e^N, N=7$
- · -  $0.2 \times 10^6 e^N, N=7$
- · - ·  $0.4 \times 10^6 e^N, N=7$



# HQ/ACRO-2/13, N=7 (turbulenter Flächenspitzenbereich), Turbulatoreffekt

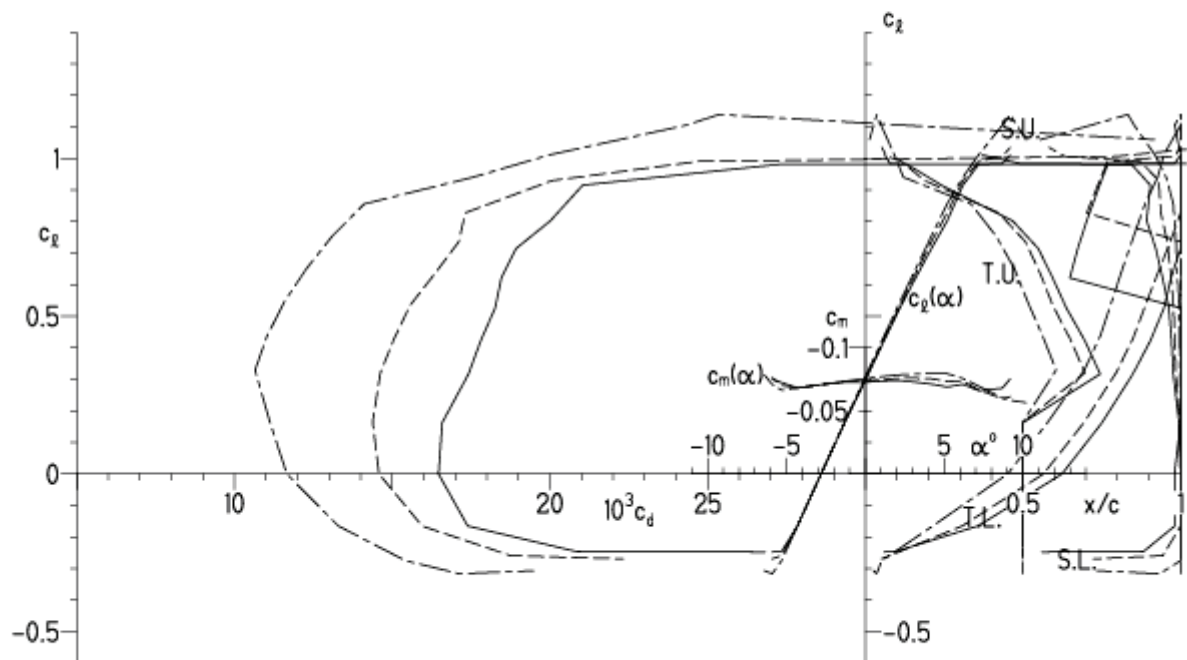
EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:57



EPPLER 2005 V. 8.5.07 RUN 5.8.12 18:57

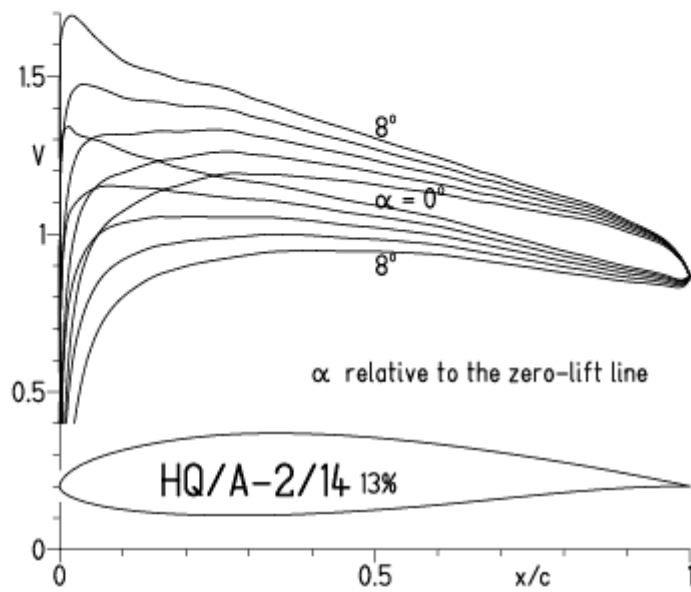
## HQ/A-2/13 13%

- $Re = 75\,000$ , Turb. upper 50%  $e^N$ ,  $N=7$
- - -  $0.1 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$
- · -  $0.2 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$

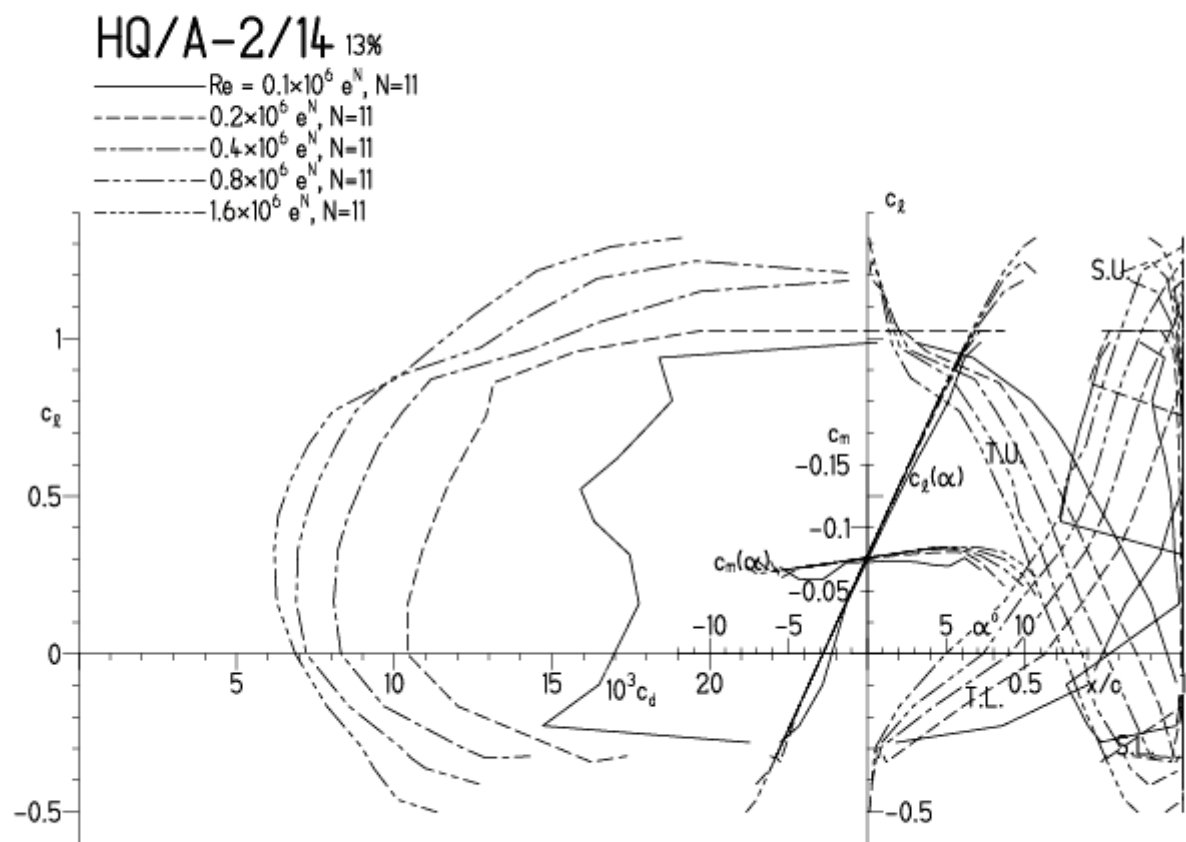


# HQ/ACRO-2/14, N=11

EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:32

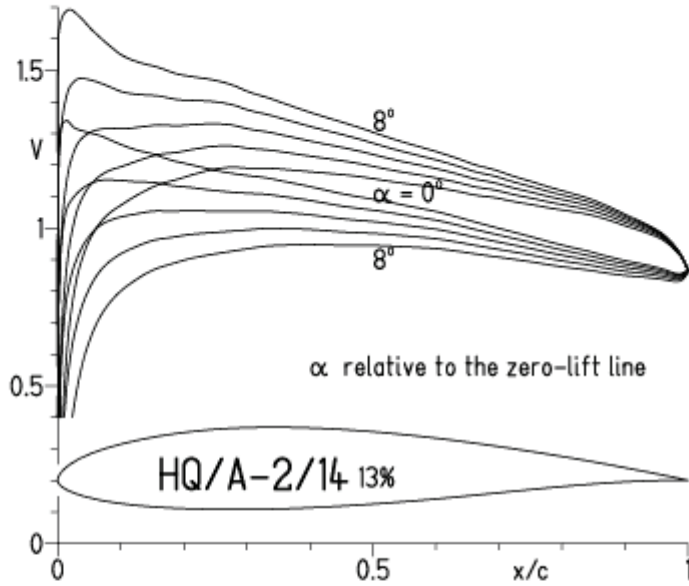


EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:32

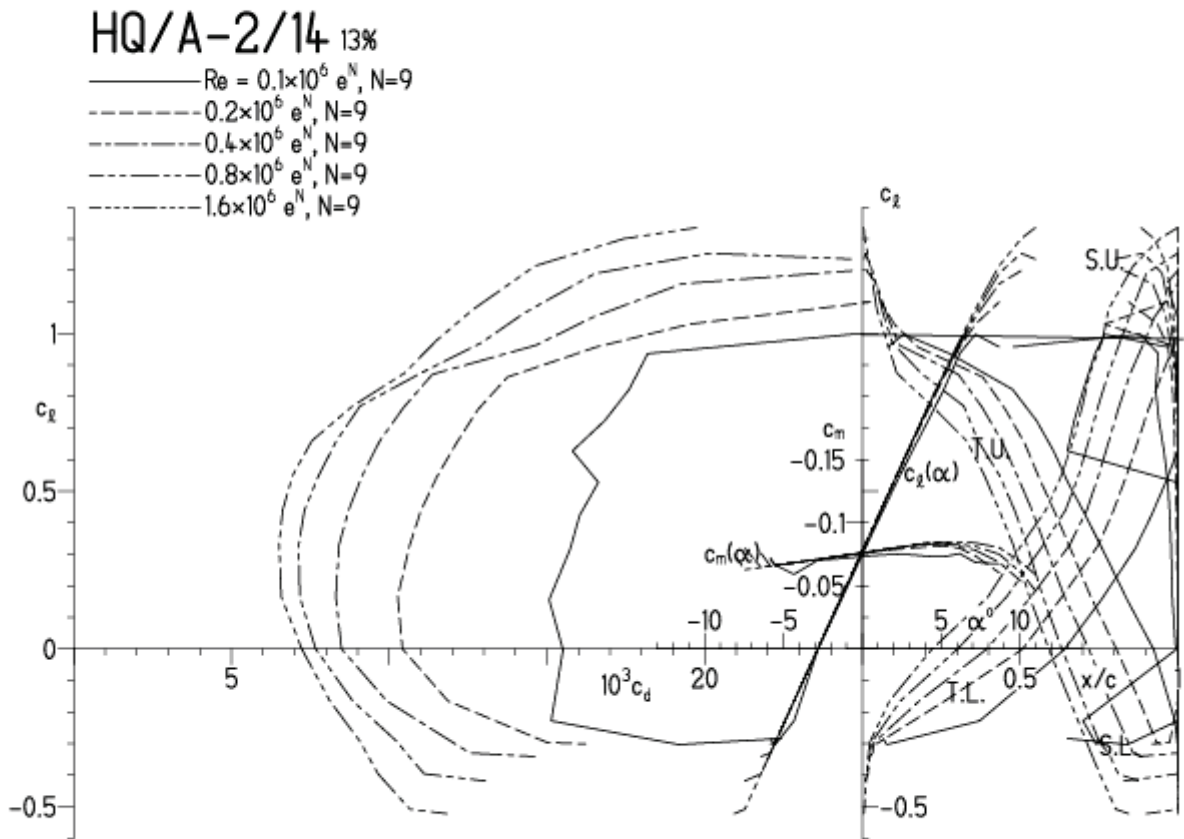


HQ/ACRO-2/14, N=9

EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:46

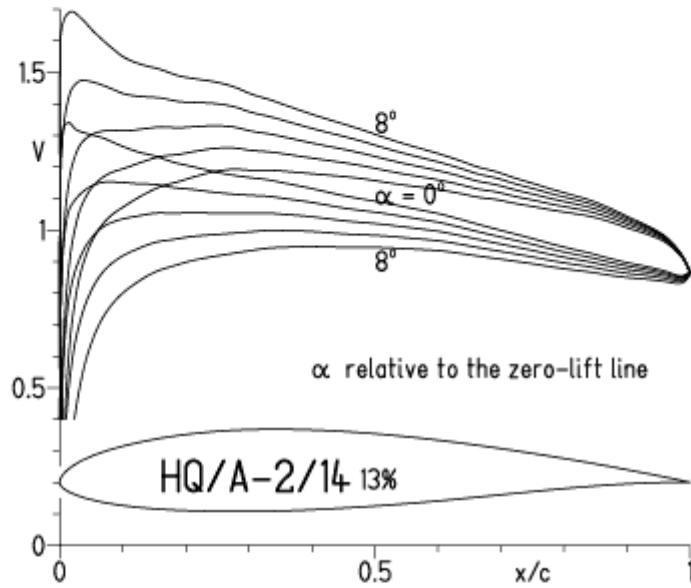


EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:46



# HQ/ACRO-2/14, N=9 (turbulenter Flächenspitzenbereich)

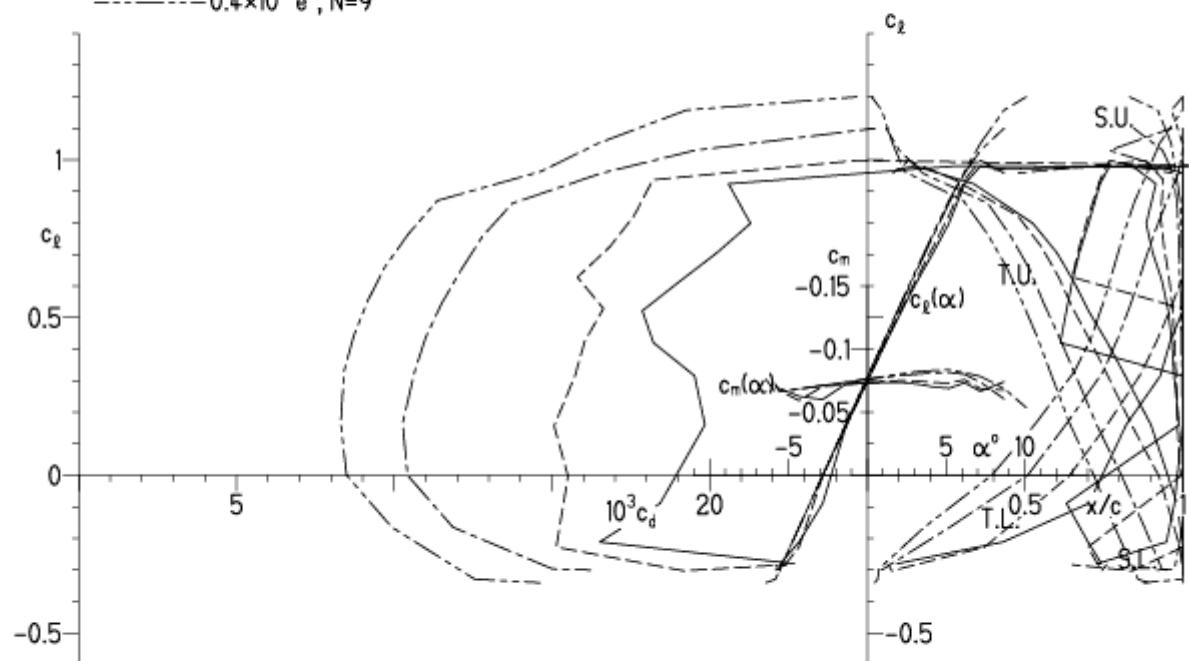
EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:50



EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:50

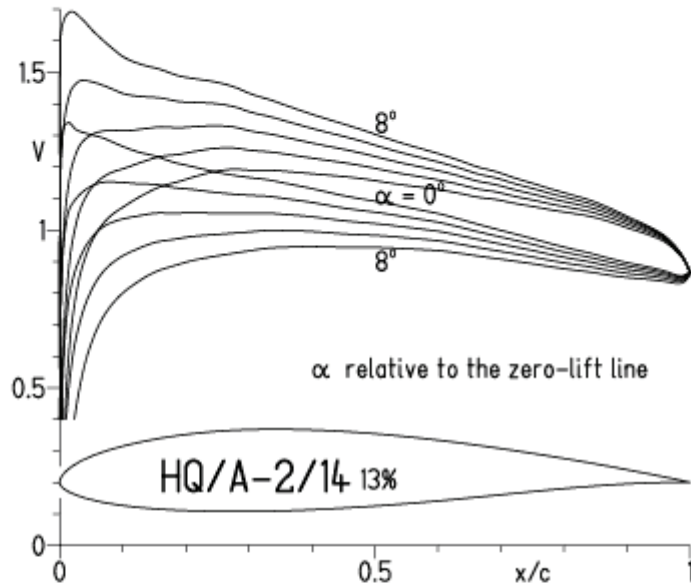
## HQ/A-2/14 13%

- $Re = 75\,000 e^N, N=9$
- - -  $0.1 \times 10^6 e^N, N=9$
- · -  $0.2 \times 10^6 e^N, N=9$
- - -  $0.4 \times 10^6 e^N, N=9$



# HQ/ACRO-2/14, N=7 (turbulenter Flächenspitzenbereich)

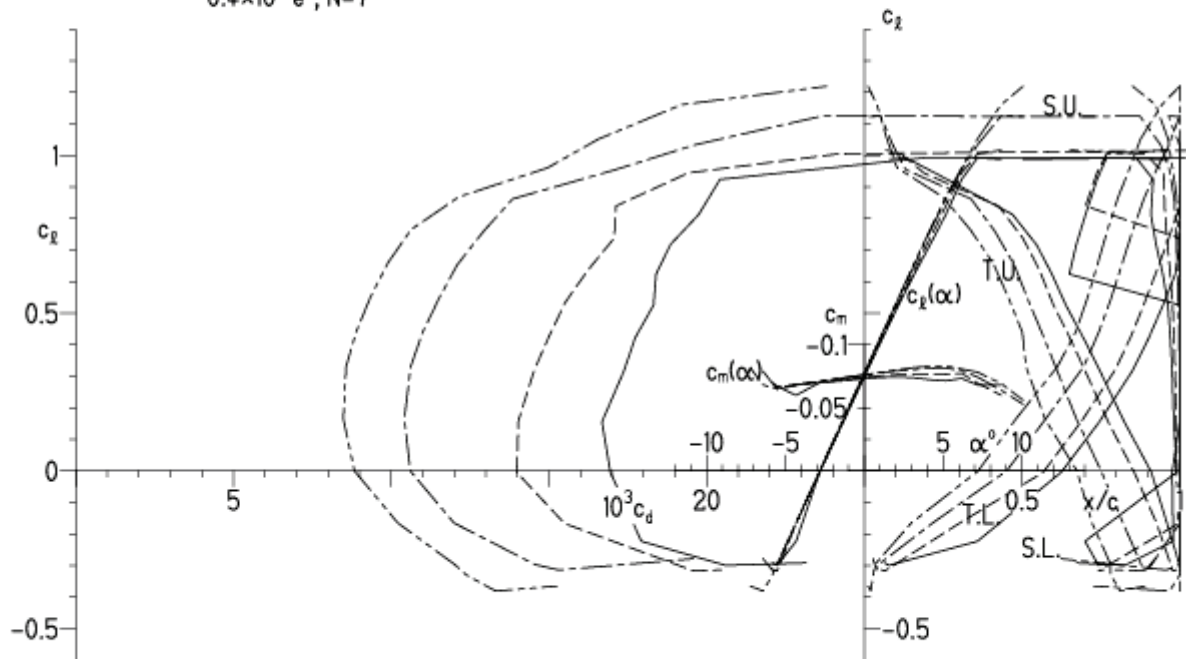
EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:57



EPPLER 2005 V. 8.5.07 RUN 6.8.12 11:57

## HQ/A-2/14 13%

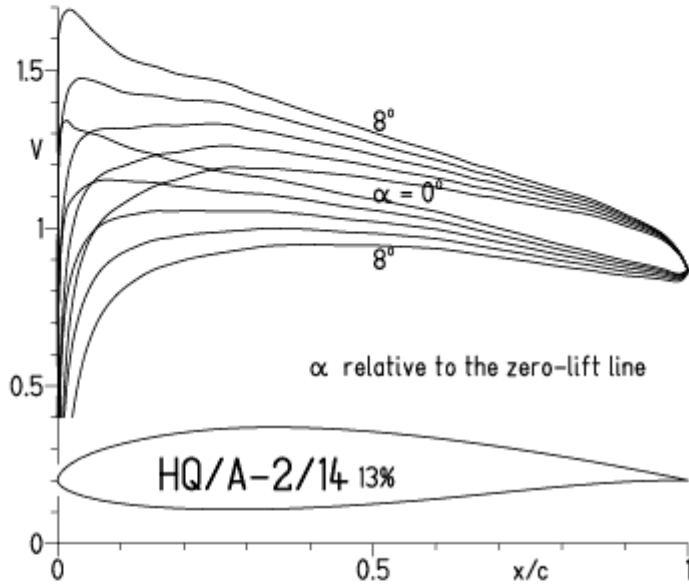
- $Re = 75\,000 e^N, N=7$
- - -  $0.1 \times 10^6 e^N, N=7$
- · -  $0.2 \times 10^6 e^N, N=7$
- · - ·  $0.4 \times 10^6 e^N, N=7$





HQ/ACRO-2/14, N=7 (turbulenter Flächenspitzenbereich), Turbulatoreffekt

EPPLER 2005 V. 8.5.07 RUN 6.8.12 12:00



EPPLER 2005 V. 8.5.07 RUN 6.8.12 12:00

HQ/A-2/14 13%

- $Re = 75\,000$ , Turb. upper 50%  $e^N$ ,  $N=7$
- - -  $0.1 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$
- · -  $0.2 \times 10^6$ , Turb. upper 50%  $e^N$ ,  $N=7$

