

naca2412.txt

VT Aerospace Aircraft Design Software Series

Program FoilGen

NACA Airfoil Ordinate Generation. Airfoil coordinates from AEROCAL PAK2: GEOMETRY FOR AERODYNAMICS, by W. H. MASON.

Code written by William H. Mason.
This program modified by
- Andy Ko, Dec. 2000.
- L. T. Leifsson, Feb. 2004.

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Output file with airfoil coordinates only.

NACA2412
131.000000 131.000000
Upper Surface
0.000000 0.000000
0.006225 0.015720
0.013386 0.022296
0.020712 0.027336
0.028129 0.031564
0.035606 0.035258
0.043127 0.038564
0.050684 0.041566
0.058269 0.044321
0.065878 0.046868
0.073508 0.049234
0.081156 0.051442
0.088820 0.053508
0.096498 0.055447
0.104188 0.057268
0.111890 0.058981
0.119603 0.060594
0.127325 0.062113
0.135055 0.063543
0.142794 0.064891
0.150539 0.066160
0.158292 0.067353
0.166050 0.068475
0.173814 0.069529
0.181583 0.070516
0.189357 0.071441
0.197135 0.072304
0.204917 0.073108
0.212702 0.073855
0.220491 0.074548
0.228283 0.075186
0.236077 0.075773
0.243874 0.076309
0.251673 0.076796
0.259474 0.077234
0.267277 0.077626
0.275081 0.077973

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0. 298500	0. 078749
0. 306308	0. 078922
0. 314116	0. 079055
0. 321925	0. 079148
0. 329734	0. 079202
0. 337543	0. 079217
0. 345352	0. 079194
0. 353161	0. 079135
0. 360969	0. 079038
0. 368777	0. 078906
0. 376584	0. 078738
0. 384390	0. 078536
0. 392196	0. 078300
0. 400000	0. 078030
0. 407742	0. 077731
0. 415483	0. 077408
0. 423223	0. 077062
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0. 438702	0. 076299
0. 446441	0. 075884
0. 454179	0. 075446
0. 461916	0. 074987
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0. 523780	0. 070581
0. 531509	0. 069943
0. 539236	0. 069286
0. 546963	0. 068611
0. 554688	0. 067919
0. 562412	0. 067209
0. 570135	0. 066481
0. 577856	0. 065736
0. 585577	0. 064974
0. 593296	0. 064196
0. 601014	0. 063400
0. 608730	0. 062588
0. 616446	0. 061760
0. 624160	0. 060916
0. 631872	0. 060056
0. 639583	0. 059180
0. 647293	0. 058288
0. 655001	0. 057381
0. 662708	0. 056459
0. 670414	0. 055521
0. 678118	0. 054568
0. 685820	0. 053600
0. 693521	0. 052617
0. 701221	0. 051619
0. 708919	0. 050606
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0. 724310	0. 048536
0. 732003	0. 047479
0. 739694	0. 046408
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0. 755072	0. 044222
0. 762758	0. 043107

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0. 785807	0. 039676
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0. 801165	0. 037316
0. 808841	0. 036115
0. 816515	0. 034900
0. 824187	0. 033669
0. 831857	0. 032425
0. 839526	0. 031166
0. 847192	0. 029892
0. 854857	0. 028604
0. 862520	0. 027301
0. 870180	0. 025984
0. 877839	0. 024652
0. 885496	0. 023305
0. 893151	0. 021943
0. 900803	0. 020566
0. 908453	0. 019174
0. 916102	0. 017767
0. 923748	0. 016345
0. 931392	0. 014907
0. 939034	0. 013454
0. 946673	0. 011985
0. 954310	0. 010501
0. 961945	0. 009001
0. 969578	0. 007484
0. 977208	0. 005952
0. 984836	0. 004404
0. 992461	0. 002839
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Lower Surface	
0. 000000	0. 000000
0. 009159	-0. 014196
0. 017383	-0. 019278
0. 025442	-0. 022854
0. 033410	-0. 025647
0. 041317	-0. 027936
0. 049181	-0. 029866
0. 057009	-0. 031522
0. 064808	-0. 032960
0. 072583	-0. 034220
0. 080338	-0. 035329
0. 088075	-0. 036309
0. 095796	-0. 037177
0. 103502	-0. 037947
0. 111196	-0. 038629
0. 118879	-0. 039232
0. 126551	-0. 039765
0. 134214	-0. 040234
0. 141868	-0. 040644
0. 149514	-0. 041001
0. 157153	-0. 041308
0. 164785	-0. 041569
0. 172411	-0. 041789
0. 180032	-0. 041970
0. 187648	-0. 042114
0. 195259	-0. 042225
0. 202865	-0. 042304
0. 210468	-0. 042354
0. 218067	-0. 042376
0. 225663	-0. 042373
0. 233255	-0. 042346

0. 240846 -0. 042296
0. 248433 -0. 042226
0. 256019 -0. 042136
0. 263603 -0. 042027
0. 271185 -0. 041902
0. 278765 -0. 041760
0. 286344 -0. 041603
0. 293923 -0. 041432
0. 301500 -0. 041249
0. 309077 -0. 041053
0. 316653 -0. 040845
0. 324229 -0. 040628
0. 331804 -0. 040400
0. 339380 -0. 040164
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0. 522374 -0. 032264
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0. 537687 -0. 031416
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0. 560665 -0. 030108
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0. 691094 -0. 022110
0. 698779 -0. 021619
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0. 721844 -0. 020134
0. 729536 -0. 019636
0. 737229 -0. 019136
0. 744924 -0. 018636
0. 752620 -0. 018134
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