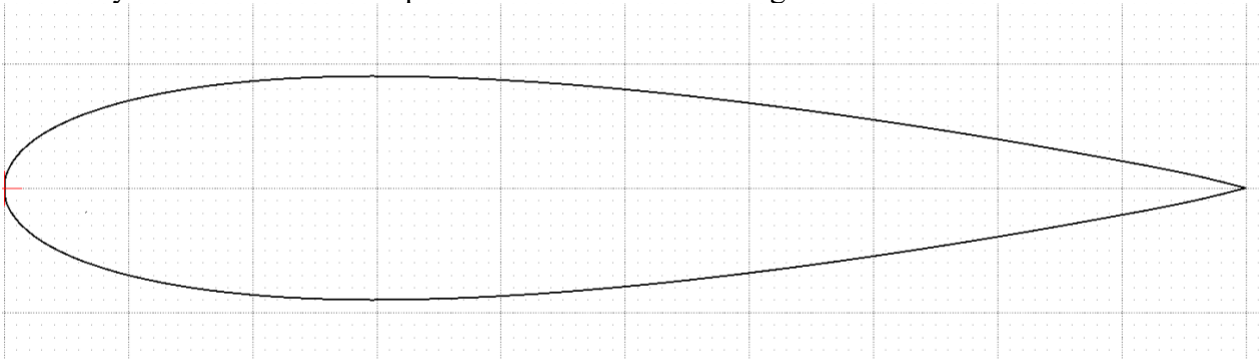


National Advisory Committee for Aeronautics (NACA)

Symmetric NACA0018 profile - values are % of length



<u>x value</u>	radius front <u>y value</u>
0	0
1.25	2.841
2.50	3.922
5.00	5.332
7.50	6.300
10	7.024
15	8.018
20	8.606
25	8.912
30	9.003
40	8.705
50	7.941
60	6.845
70	5.496
80	3.935
90	2.172
95	1.210
100	(0.189)
100	0

The length is divided in 100 parts. For a rudder blade of 100 cm, one part is one cm.

For example:

For a rudder of 60 cm (600 mm) the parts are 6mm.

At **x-value** 20 x 6 mm = 120 mm, the **y-value** is 8.606 x 6 mm = 51.636 mm

