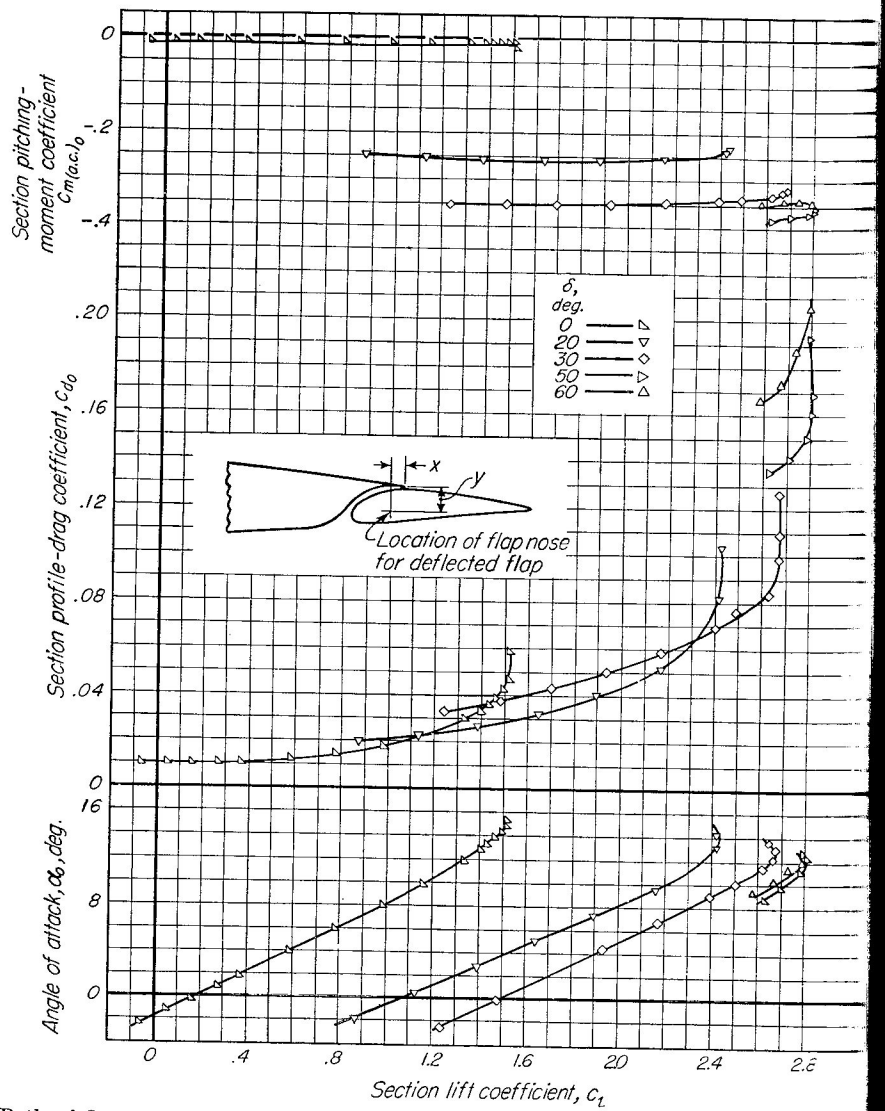


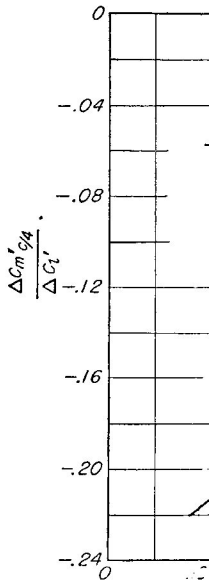
Path of flap nose for various flap deflections. Distances measured from lower edge of lip in per cent airfoil chord c.

δ_f, degrees	x	y	δ_f, degrees	x	y
0	8.36	3.91	40	1.35	2.43
10	5.41	3.63	50	0.50	1.63
20	3.83	3.45	60	0.12	1.48
30	2.63	3.37			

FIG. 119. Section aerodynamic characteristics of NACA 23012 airfoil with slotted flap [illegible]

[illegible]ed on the total chord w
[illegible]e fairly constant at v
[illegible]arying with flap-cho
[illegible]ections.

The normal-force coef
[illegible]ressure for the flap of
[illegible]ence 153) are shown
[illegible]ap chord. The pitch
[illegible]r of the flap, and the



[illegible]). Variation of ratio of i
[illegible]ion lift coefficient with
[illegible]egrees.

[illegible]l from the leading ed
[illegible]e loads on the flap
[illegible]al force coefficients
External-airfoil Flo
[illegible]gg,[156a] Platt,[83,84,85] and
[illegible]e single-slotted flap i
[illegible]n. The maximum li
[illegible]er of 8 million for a
[illegible]l flap of the same se
[illegible]22. These maximu
[illegible]e wing and flap. Th