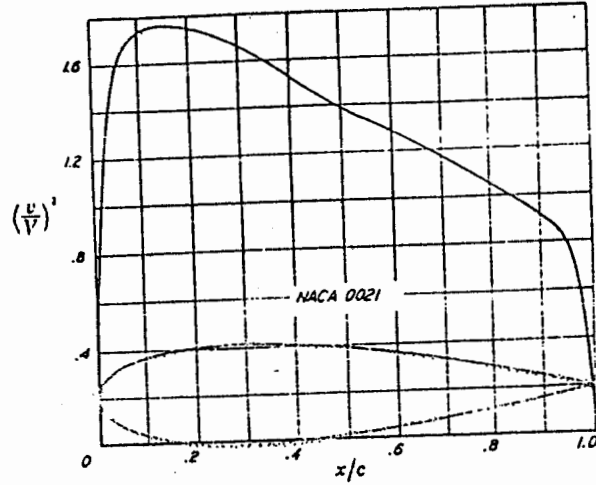


C HBRD

326

THEORY OF WING SECTIONS



| x (per cent c) | y (per cent c) | $(r/V)^2$ | r/V | $\Delta r_0/V$ |
|------------------------|------------------------|-----------|-------|----------------|
| 0 | 0 | 0 | 0 | 1.167 |
| 0.5 | | 0.397 | 0.630 | 1.065 |
| 1.25 | 3.315 | 0.787 | 0.887 | 0.946 |
| 2.5 | 4.576 | 1.182 | 1.087 | 0.818 |
| 5.0 | 6.221 | 1.543 | 1.242 | 0.648 |
| 7.5 | 7.350 | 1.682 | 1.297 | 0.550 |
| 10 | 8.195 | 1.734 | 1.317 | 0.478 |
| 15 | 9.354 | 1.756 | 1.325 | 0.381 |
| 20 | 10.040 | 1.742 | 1.320 | 0.320 |
| 25 | 10.397 | 1.706 | 1.306 | 0.274 |
| 30 | 10.504 | 1.664 | 1.290 | 0.238 |
| 40 | 10.156 | 1.538 | 1.240 | 0.183 |
| 50 | 9.265 | 1.388 | 1.178 | 0.142 |
| 60 | 7.986 | 1.294 | 1.133 | 0.111 |
| 70 | 6.412 | 1.177 | 1.065 | 0.084 |
| 80 | 4.591 | 1.055 | 1.027 | 0.061 |
| 90 | 2.534 | 0.916 | 0.957 | 0.037 |
| 95 | 1.412 | 0.801 | 0.895 | 0.023 |
| 100 | 0.221 | 0 | 0 | 0 |

L.E. radius: 4.85 per cent c

NACA 0021 Basic Thickness Form