

FOREWORD TO COMPREHENSIVE REFERENCE GUIDE TO AIRFOIL SECTIONS FOR LIGHT AIRCRAFT

It is with great pleasure that Aviation Publications has prepared this expanded comprehensive edition of the HANDBOOK OF AIRFOIL SECTIONS FOR LIGHT AIRCRAFT.

The impetus to increase this work from 126 to 634 airfoil sections has come from the many thousands of light plane designers and model builders who have so enthusiastically accepted the first edition. We should like to point out with great pride of accomplishment that our first edition went through six printings in the ten years since its first appearance.

In the decade since Aviation Publications first published this work, the progress in aviation and aerospace technology has been so astounding that it virtually bewilders our minds. However, as demonstrated by this text and its wide acceptance, the old

classics of reference works will always be needed as the basic building blocks for this ever-increasing and accelerating technology.

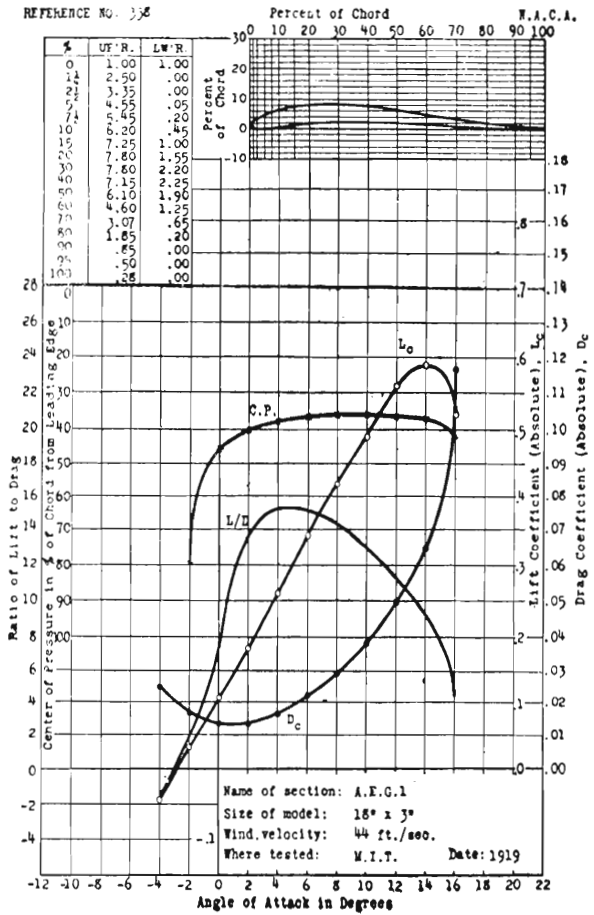
When the original airfoil sections were selected in 1971 for the first edition, we tended to choose more on the premise that the designer would need those airfoil sections that were utilized in existing aircraft. However, this expanded edition is much more comprehensive and covers whole families of profiles as well as several theoretically conceived sections. We believe that this expanded edition will provide the designer, both amateur and professional, with every light aircraft wing section that he will ever need.

February 1982

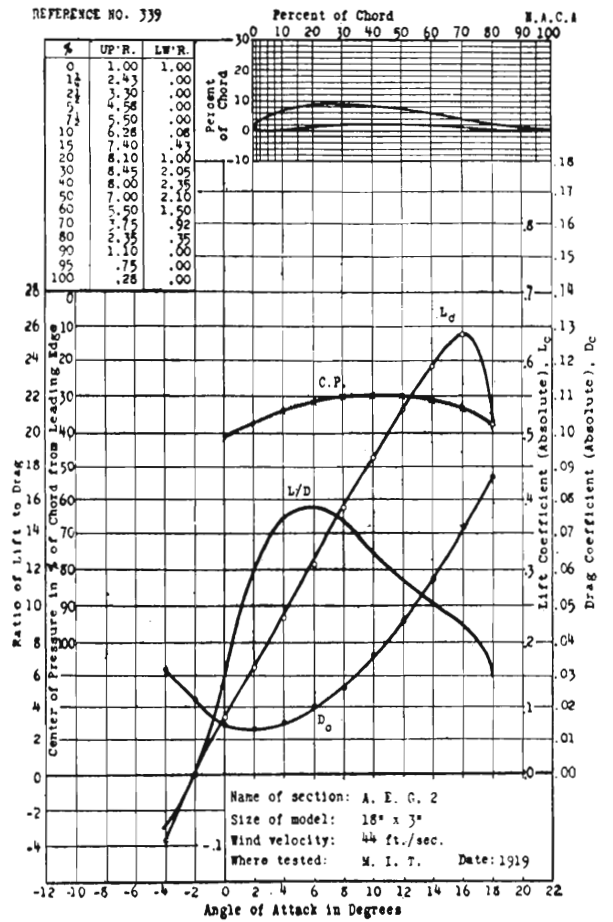
INDEX OF ABBREVIATIONS

Name of laboratory at which tests were made	Abbreviations used on figures
Langley Memorial Aeronautical Laboratory (N.A.C.A.), U.S.A.....	L.M.A.L.
Washington Navy Yard, U.S.A.....	W.N.Y.
Engineering Division, McCook Field, U.S.A.....	McC.F.
Royal Aircraft Establishment, Great Britain.....	R.A.E.
Service Technique de l'Aeronautique, France.....	S.T.Aé
Ergebnisse der Aerodynamischen Versuchsanstalt zu Gottingen, Germany.....	Göttingen.
Instituto Sperimentale Aeronautico, Italy.....	I.S.A.
Laboratorio della Direzione del Genio Aeronautico, Italy.....	D.G.A.
Laboratoire Aerotechnique de Rhode St. Genese-Bruxelles, Belgium.....	Rhode St. Genese.

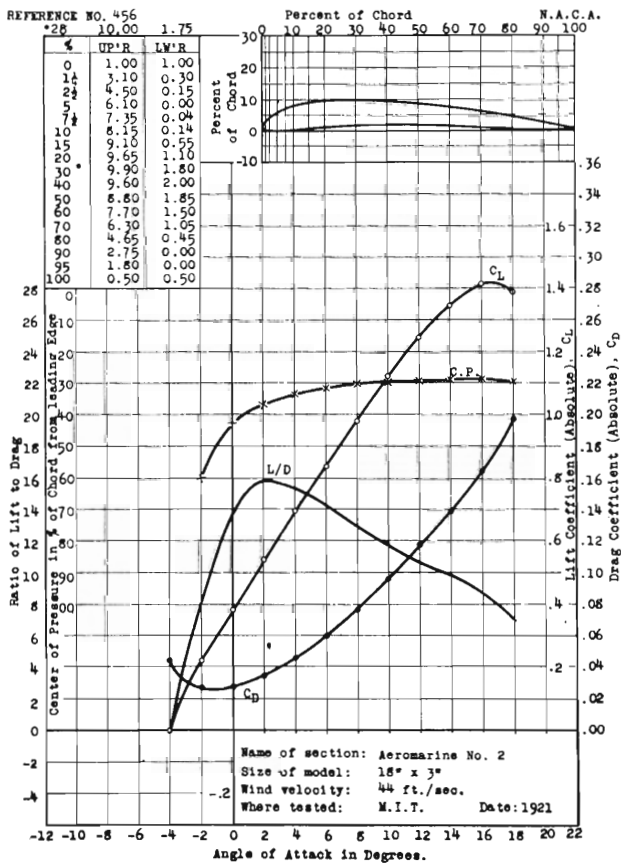
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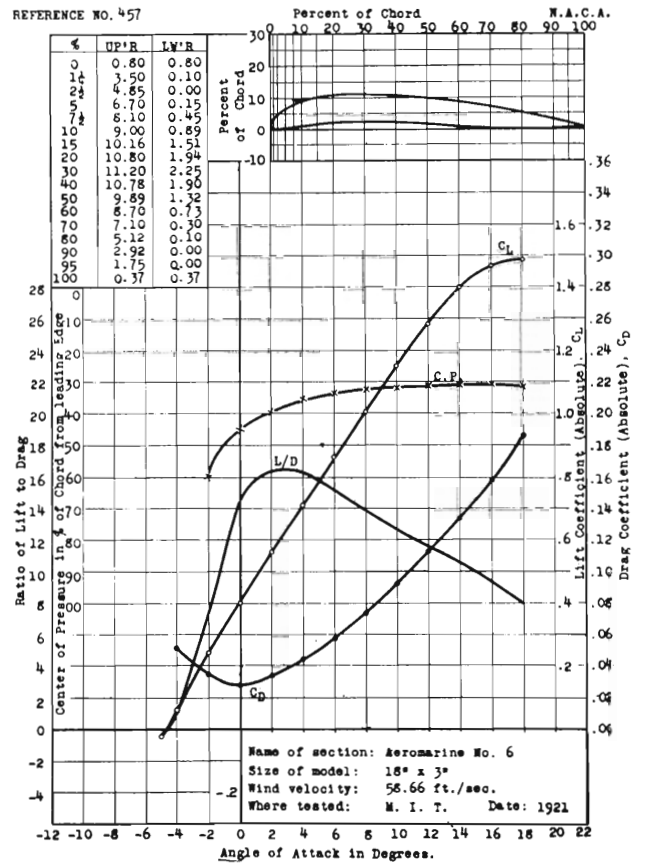
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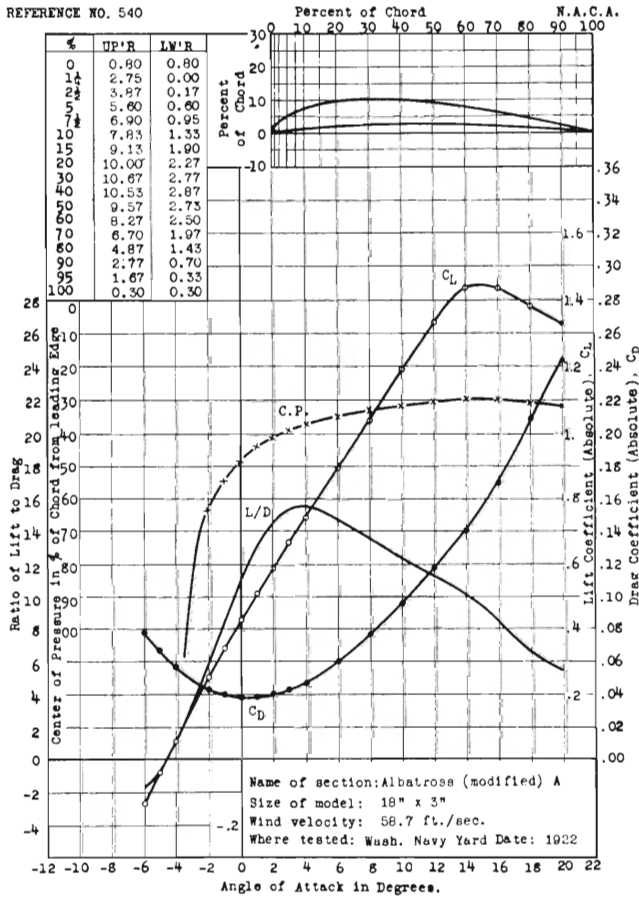
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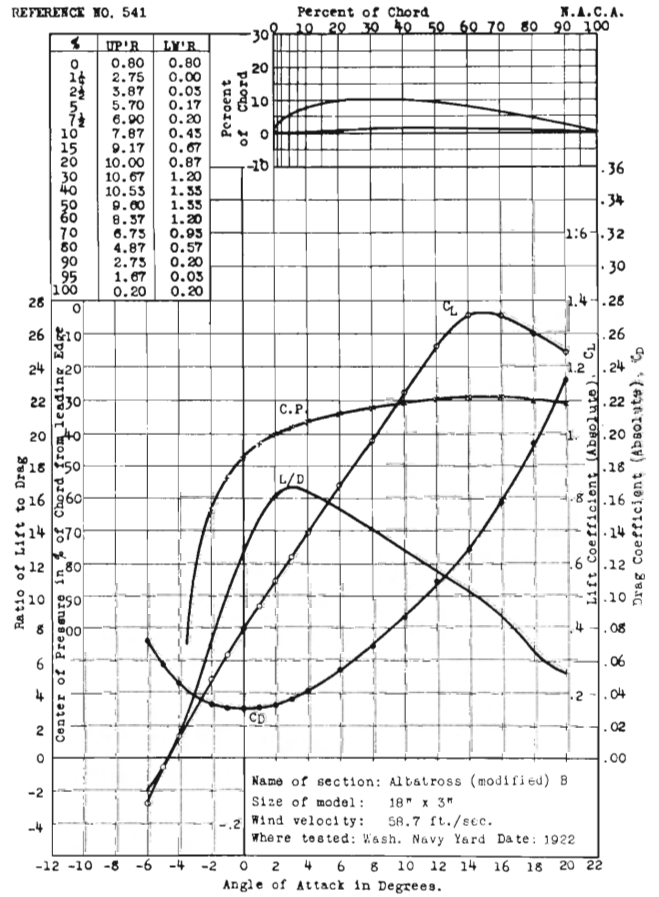
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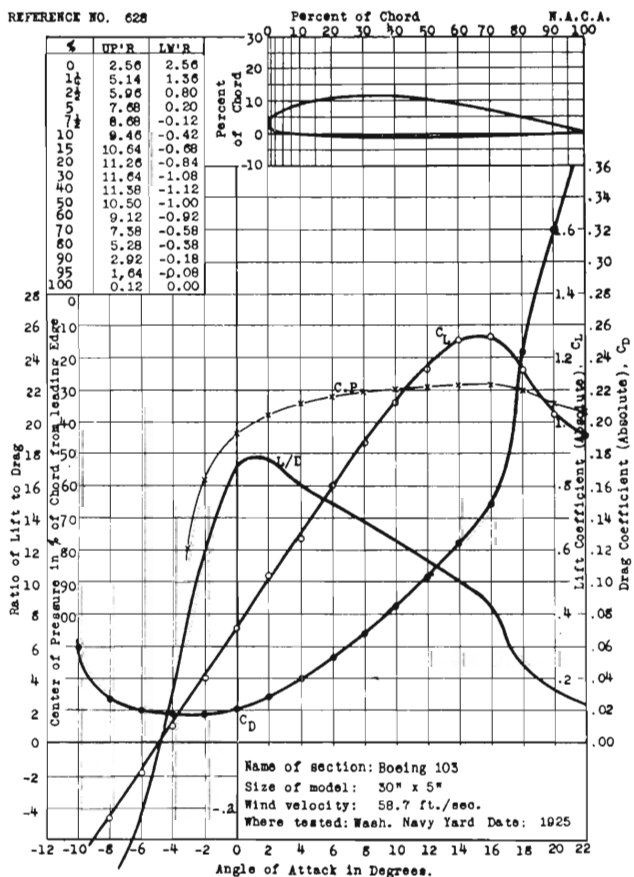
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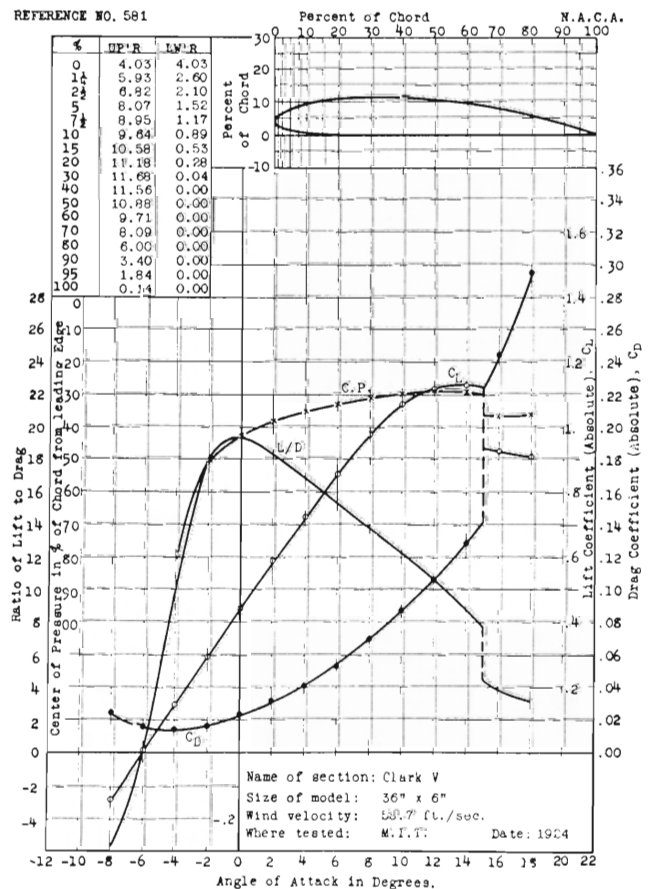
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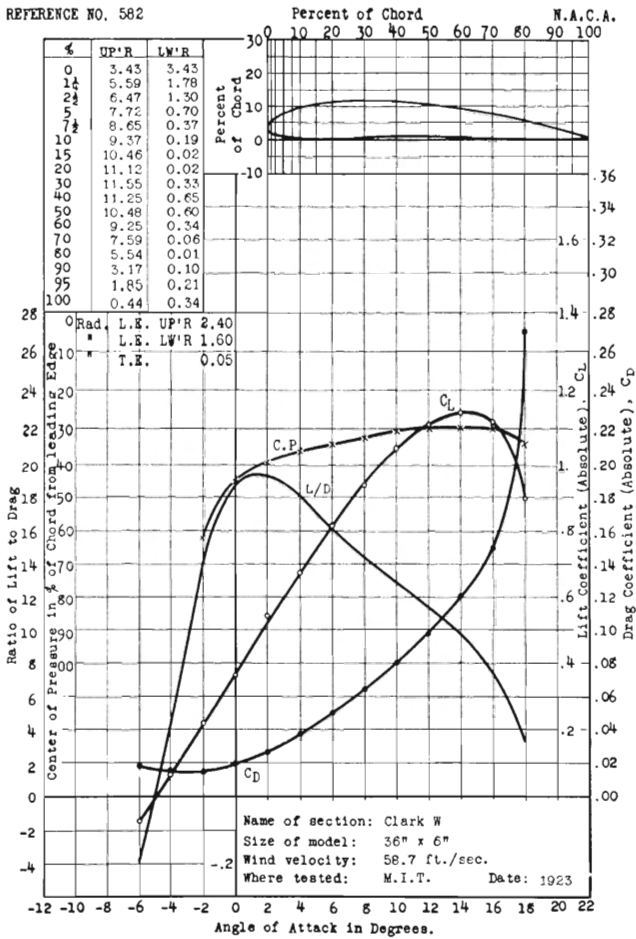
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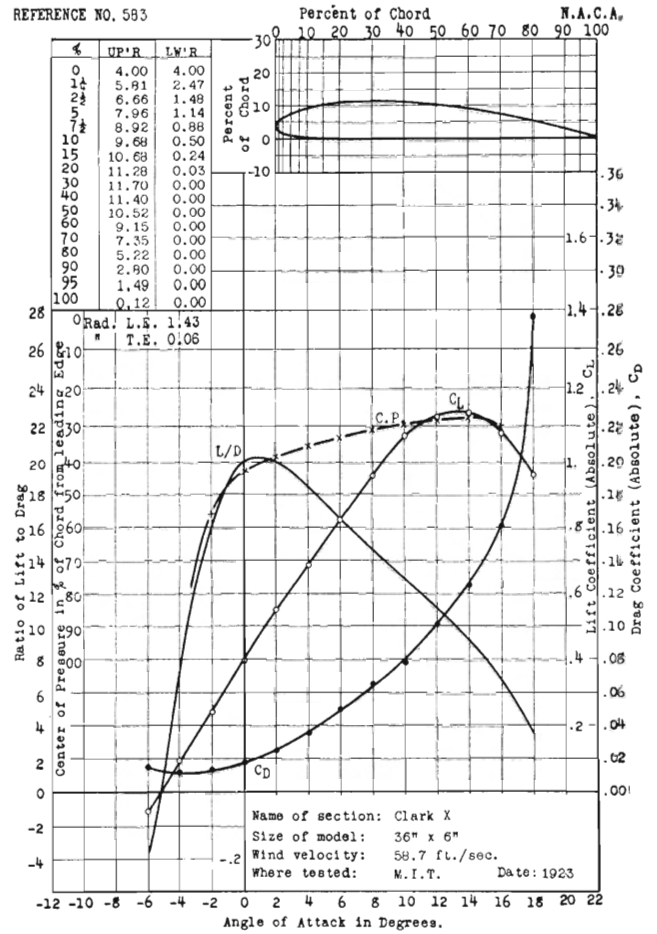
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REFERENCE NO. 584

