REPORT No. 93

AERODYNAMIC CHARACTERISTICS OF AEROFOILS

BY NATIONAL ADVISORY
COMMITTEE FOR AERONAUTICS

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INTRODUCTION.

This collection of data on aerofoils has been made from the published reports of a number of the leading aerodynamic laboratories of this country and Europe. The information which was originally expressed according to the different customs of the several laboratories is here presented in a uniform series of charts and tables suitable for the use of designing engineers and for purposes of general reference.

It is a well-known fact that the results obtained in different laboratories, because of their individual methods of testing, are not strictly comparable even if proper scale corrections for size of model and speed of test are supplied. It is, therefore, unwise to compare too closely the coefficients of two wing sections tested in different laboratories. Tests of different wing sections from the same source, however, may be relied on to give true relative values.

The absolute system of coefficients has been used, since it is thought by the National Advisory Committee for Aeronautics that this system is the one most suited for international use, and yet is one for which a desired transformation can be easily made. For this purpose a set of transformation constants is included in this report.

Each aerofoil section is given a reference number, and the test data are presented in the form of curves from which the coefficients can be read with sufficient accuracy for design purposes. The dimensions of the profile of each section are given at various stations along the chord in per cent of the chord, using as datum the line shown on the curves. The shape of the section is also shown in reasonable accuracy to enable one to more clearly visualize the section under consideration, together with its characteristics. To obtain more accurately the dimensions of the profile of each section, a separate data sheet for each section has been included which gives an additional decimal place for the greater portion of the ordinates.

The authority for the results here presented is given as the name of the laboratory at which the experiments were conducted, with the size of model, wind velocity, and date of test.

TRANSFORMATION COEFFICIENTS.

For the convenience of those who prefer to use a system of units other than the absolute system there is given below a table of transformation constants based on the standard condition adopted by the National Advisory Committee for Aeronautics of:

Temperature = 15° C.
Pressure = 760 mm. Hg.
Humidity = 0.
Gravity = 9.80 m./sec.^{2} = 32.2 ft./sec.^{2}

thus giving values of specific weight of air

$W = 0.1225$ kg./m.^{3} $= 0.07636$ lbs./ft.^{3}

and of density

$\sigma = 0.01250$ in the French engineering or kilogram, meter, second system.

or

$= 0.00238$ in the English or foot, pound, second system.

In absolute units	$P = C\sigma V^2$.
In kg./m.^{2} —— m./sec.	$P = .1250\ CV^2$.
In kg./m.^{2} —— km./hr.	$P = .009645\ CV^2$.
In lbs./sq. ft. —— ft./sec.	$P = .002378\ CV^2$.
In lbs./sq. ft. —— mi./hr.	$P = .005116\ CV^2$.

INDEX.

Three separate types of index are given; chart indexes which make it possible for a designer to select the wing section most suitable for the particular design in which he is interested; a group index which is arranged in the same order as the curve sheets, i. e., by countries and laboratories at which tests were conducted, each section also being designated by a reference number; and an alphabetical index.

CHART INDEX.

In order that the designer may easily pick out a wing section which is suited to the type of machine on which he is working, four index charts are given which classify the wings according to their aerodynamic and structural properties.

In Chart No. 1 the minimum drag is plotted against the L/D at one-fourth the maximum lift. This chart should be used in choosing a wing section for a high-speed machine, the wing sections being more suited for this use the farther they are from the lower left-hand corner.

In Chart No. 2 the mean spar depth is plotted against the maximum lift in order to show the possible strength and lightness of the wing structure. The higher the maximum lift coefficient is the smaller will be the wing area and the lighter the structural weight, and in the same way the greater the depth of the spars the lighter will be their weight, so that the sections the greatest distance from the lower left-hand corner will give the lightest and strongest wings.

The maximum L/D is plotted against the maximum lift in Chart No. 3, which is of use in choosing the wing section for a slow and efficient machine. In the same way as before, the sections farthest from the lower left-hand corner are the best for this purpose.

In Chart No. 4 the L/D at two-thirds the maximum lift is plotted against the maximum lift, so that this chart can be used for choosing a section that will give an efficient climb or a long range at cruising speed. The best sections for this purpose will be the farthest from the lower left-hand corner of the chart.

GROUP INDEX.

UNITED STATES.

Aerofoil.	Wind tunnel.	Report reference No.	Aerofoil.	Wind tunnel.	Report reference No.
U. S. A. 1	M. I. T.	1	U. S. A. T. S. 7	M. I. T.	30
U. S. A. 2	M. I. T.	2	U. S. A. T. S. 8	M. I. T.	31
U. S. A. 3	M. I. T.	3	U. S. A. T. S. 9	M. I. T.	32
U. S. A. 4	M. I. T.	4	U. S. A. T. S. 10	M. I. T.	33
U. S. A. 5	M. I. T.	5	U. S. A. T. S. 11	M. I. T.	34
U. S. A. 6	M. I. T.	6	U. S. A. T. S. 12	M. I. T.	35
U. S. A. 7	M. I. T.	7	U. S. A. T. S. 13	M. I. T.	36
U. S. A. 8	M. I. T.	8	U. S. A. T. S. 14	M. I. T.	37
U. S. A. 9	M. I. T.	9	U. S. A. T. S. 15	M. I. T.	38
U. S. A. 10	M. I. T.	10	U. S. A. T. S. 16	M. I. T.	39
U. S. A. 11	M. I. T.	11	U. S. A. T. S. 17	M. I. T.	40
U. S. A. 12	M. I. T.	12	U. S. A. T. S. 18	M. I. T.	41
U. S. A. 14	M. I. T.	13	Durand Propeller No. 4	M. I. T.	42
U. S. A. 15	M. I. T.	14	Durand Propeller No. 7	M. I. T.	43
U. S. A. 16	M. I. T.	15	Durand Propeller No. 10	M. I. T.	44
U. S. A. 17	M. I. T.	16	Durand Propeller No. 13	M. I. T.	45
U. S. A. 18	M. I. T.	17	Durand Propeller No. 16	M. I. T.	46
U. S. A. 19	M. I. T.	18	Offenstein	M. I. T.	47
U. S. A. 20	M. I. T.	19	Offenstein (modified)	M. I. T.	48
U. S. A. 21	M. I. T.	20	Spad	M. I. T.	49
U. S. A. 23	M. I. T.	21	Standard Aircraft Corp. No. 48	M. I. T.	50
U. S. A. 24	M. I. T.	22	V. E. Clark	M. I. T.	51
U. S. D. 9A	M. I. T.	23	W-1	M. I. T.	52
U. S. A. T. S. 1	M. I. T.	24	[illegible] Navy Yard 1	W. N. Y.	53
U. S. A. T. S. 2	M. I. T.	25	[illegible] Navy Yard 2	W. N. Y.	54
U. S. A. T. S. 3	M. I. T.	26	[illegible] Navy Yard 3	W. N. Y.	55
U. S. A. T. S. 4	M. I. T.	27	[illegible] Navy Yard 4	W. N. Y.	56
U. S. A. T. S. 5	M. I. T.	28	[illegible]	W. N. Y.	57
U. S. A. T. S. 6	M. I. T.	29			

BRITISH.

R. A. F. 3	N. P. L.	58	Naylor & Griffiths 8	N. P. L.	86
R. A. F. 4	N. P. L.	59	Naylor & Griffiths 9	N. P. L.	87
R. A. F. 5	N. P. L.	60	Naylor & Griffiths 10	N. P. L.	88
R. A. F. 6	N. P. L.	61	Naylor & Griffiths 11	N. P. L.	89
R. A. F. 6 (modified)	N. P. L.	62	Naylor & Griffiths 12	N. P. L.	90
R. A. F. 6a	N. P. L.	63	Naylor & Griffiths 13	N. P. L.	91
R. A. F. 6c	N. P. L.	64	Naylor & Griffiths 14	N. P. L.	92
R. A. F. 6c (both surfaces)	N. P. L.	65	Naylor & Griffiths 15	N. P. L.	93
R. A. F. 8	N. P. L.	66	Naylor & Griffiths 16	N. P. L.	94
R. A. F. 9	N. P. L.	67	Naylor & Griffiths 17	N. P. L.	95
R. A. F. 12	N. P. L.	68	Naylor & Griffiths 18	N. P. L.	96
R. A. F. 13	N. P. L.	69	Naylor & Griffiths 19	N. P. L.	97
R. A. F. 14	N. P. L.	70	Naylor & Griffiths 20	N. P. L.	98
R. A. F. 14 (modified)	N. P. L.	71	Naylor & Griffiths 21	N. P. L.	99
R. A. F. 15	N. P. L.	72	Naylor & Griffiths 22	N. P. L.	100
R. A. F. 15 (modified)	N. P. L.	73	Naylor & Griffiths 23	N. P. L.	101
R. A. F. 16	N. P. L.	74	Naylor & Griffiths 24	N. P. L.	102
R. A. F. 17	N. P. L.	75	Naylor & Griffiths 25	N. P. L.	103
R. A. F. 18	N. P. L.	76	Naylor & Griffiths 26	N. P. L.	104
R. A. F. 19	N. P. L.	77	Naylor & Griffiths 27	N. P. L.	105
R. A. F. 20	N. P. L.	78	Naylor & Griffiths 28	N. P. L.	106
Naylor & Griffiths 1	N. P. L.	79	Naylor & Griffiths 29	N. P. L.	107
Naylor & Griffiths 2	N. P. L.	80	Naylor & Griffiths 30	N. P. L.	108
Naylor & Griffiths 3	N. P. L.	81	Naylor & Griffiths 31	N. P. L.	109
Naylor & Griffiths 4	N. P. L.	82	A. D. No. 1	N. P. L.	110
Naylor & Griffiths 5	N. P. L.	83	A. D. No. 4	N. P. L.	111
Naylor & Griffiths 6	N. P. L.	84	N. P. L. 64	N. P. L.	112
Naylor & Griffiths 7	N. P. L.	85	Albatross	N. P. L.	113

BRITISH—Continued.

Aerofoil.	Wind tunnel.	Report reference No.	Aerofoil.	Wind tunnel.	Report reference No.
Avro	N. P. L.	114	N. P. L. 73	N. P. L.	135
Bristol	N. P. L.	115	N. P. L. 214	N. P. L.	136
B. I. R. 1a	N. P. L.	116	Portholme	N. P. L.	137
B. I. R. 3	N. P. L.	117	Scout E	N. P. L.	138
B. I. R. 33a	N. P. L.	118	Sopwith	N. P. L.	139
Curtiss	N. P. L.	119	White	N. P. L.	140
DeH–2	N. P. L.	120	Cowley & Levy—A. 1	N. P. L.	141
DeH–3	N. P. L.	121	Cowley & Levy—A. 2	N. P. L.	142
F. 2. B	N. P. L.	122	Cowley & Levy—A. 3	N. P. L.	143
Fairey	N. P. L.	123	Cowley & Levy—A. 4	N. P. L.	144
Handley Page 166	N. P. L.	124	Cowley & Levy—A. 5	N. P. L.	145
Handley Page 166a	N. P. L.	125	Cowley & Levy—A. 6	N. P. L.	146
Handley Page 166b	N. P. L.	126	Cowley & Levy—A. 7	N. P. L.	147
Handley Page 166c	N. P. L.	127	Cowley & Levy—B. 1	N. P. L.	148
N. P. L. 4	N. P. L.	128	Cowley & Levy—B. 2	N. P. L.	149
N. P. L. 4a	N. P. L.	129	Cowley & Levy—B. 3	N. P. L.	150
N. P. L. 4b	N. P. L.	130	Cowley & Levy—B. 4	N. P. L.	151
N. P. L. 4c	N. P. L.	131	Cowley & Levy—B. 5	N. P. L.	152
N. P. L. 4cα	N. P. L.	132	Cowley & Levy—B. 6	N. P. L.	153
N. P. L 4cβ	N. P. L.	133	Cowley & Levy—B. 7	N. P. L.	154
N. P. L. 4cγ	N. P. L.	134			

FRENCH.

Eiffel 8	Eiffel	155	Eiffel 43	Eiffel	184
Eiffel 9	Eiffel	156	Eiffel 44 (Voisin)	Eiffel	185
Eiffel 10	Eiffel	157	Eiffel 45 (Buch)	Eiffel	186
Eiffel 11	Eiffel	158	Eiffel 46 (Buch)	Eiffel	187
Eiffel 12 (M. Farman)	Eiffel	159	Eiffel 47 (Howard-Wright)	Eiffel	188
Eiffel 13 (Bleriot 11)	Eiffel	160	Eiffel 48 (Howard-Wright)	Eiffel	189
Eiffel 13 bis (Bleriot 11a)	Eiffel	161	Eiffel 49 (Howard-Wright)	Eiffel	190
Eiffel 14 (Breguet)	Eiffel	162	Eiffel 52 (Nieuport)	Eiffel	181
Eiffel 15 (M. Ernoult)	Eiffel	163	Eiffel 53 (Nieuport)	Eiffel	192
Eiffel 16 (M. Drzewiecki)	Eiffel	164	Eiffel 54 (Deperdussin)	Eiffel	193
Eiffel 16a	Eiffel	165	Eiffel 55 (Deperdussin)	Eiffel	194
Eiffel 16b	Eiffel	166	Eiffel 56 (Deperdussin)	Eiffel	195
Eiffel 16c	Eiffel	167	Eiffel 57	Eiffel	196
Eiffel 16d	Eiffel	168	Eiffel 58	Eiffel	197
Eiffel 17 (M. Drzewiecki)	Eiffel	169	Eiffel 59	Eiffel	198
Eiffel 18 (M. Drzewiecki)	Eiffel	170	Eiffel 60	Eiffel	199
Eiffel 30	Eiffel	171	Eiffel 61	Eiffel	200
Eiffel 31	Eiffel	172	Eiffel 62	Eiffel	201
Eiffel 32 (Lanier–Lawrance)	Eiffel	173	Dorand	Eiffel	202
Eiffel 33 (Breguet)	Eiffel	174	Halbroun 2	Eiffel	203
Eiffel 34 (Colliex)	Eiffel	175	Halbroun 3	Eiffel	204
Eiffel 35 (Dorand)	Eiffel	176	S. E. A	Eiffel	205
Eiffel 36 (Odier)	Eiffel	177	St. Cyr 1	Eiffel	206
Eiffel 37 (Kauffmann)	Eiffel	178	St. Cyr 2	Eiffel	207
Eiffel 38 (Coanda)	Eiffel	179	St. Cyr 3	Eiffel	208
Eiffel 39 (16b modified)	Eiffel	180	Turin 1	Eiffel	209
Eiffel 40	Eiffel	181	Turin 2	Eiffel	210
Eiffel 41	Eiffel	182	Bleriot Triplane	Eiffel	211
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Italian 1	Crocco	212	Italian 3	Crocco	214
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ALPHABETICAL INDEX.

Aerofoil.	Report reference No.
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Naylor & Griffiths 30	108
Naylor & Griffiths 31	109
Offenstein	47
Offenstein (modified)	48
Portholme	137
R. A. F. 3	58
R. A. F. 4	59
R. A. F. 5	60
R. A. F. 6	61
R. A. F. 6 (modified)	62
R. A. F. 6a	63
R. A. F. 6c	64
R. A. F. 6c (both surfaces)	65
R. A. F. 8	66
R. A. F. 9	67
R. A. F. 12	68
R. A. F. 13	69
R. A. F. 14	70
R. A. F. 14 (modified)	71
R. A. F. 15	72
R. A. F. 15 (modified)	73
R. A. F. 16	74
R. A. F. 17	75
R. A. F. 18	76
R. A. F. 19	77
R. A. F. 20	78
S. E. A	205
St.-Cyr 1	206
St.-Cyr 2	207
St.-Cyr 3	208
Scout E	138
Sloane	57
Sopwith	139
Spad	49
Standard Aircraft Corp. 48	209
Turin 1	209
Turin 2	210
U. S. A. 1	1
U. S. A. 2	2
U. S. A. 3	3
U. S. A. 4	4
U. S. A. 5	5
U. S. A. 6	6
U. S. A. 7	7
U. S. A. 8	8
U. S. A. 9	9
U. S. A. 10	10
U. S. A. 11	11
U. S. A. 12	12
U. S. A. 14	13
U. S. A. 15	14
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U. S. A. 17	16
U. S. A. 18	17
U. S. A. 19	18
U. S. A. 20	19
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U. S. A. 23	21
U. S. A. 24	22
U. S. A. T. S. 1	24
U. S. A. T. S. 2	25
U. S. A. T. S. 3	26
U. S. A. T. S. 4	27
U. S. A. T. S. 5	28
U. S. A. T. S. 6	29
U. S. A. T. S. 7	30
U. S. A. T. S. 8	31
U. S. A. T. S. 9	32
U. S. A. T. S. 10	33
U. S. A. T. S. 11	34
U. S. A. T. S. 12	35
U. S. A. T. S. 13	36
U. S. A. T. S. 14	37
U. S. A. T. S. 15	38
U. S. A. T. S. 16	39
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Washington Navy Yard 3	55
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The following tables have been prepared to give additional decimal places for the greater portion of the ordinates:

Per cent of chord.	Ref. No. 1. U. S. A. 1. Ordinates.		Ref. No. 2. U. S. A. 2. Ordinates.	
	Upper.	Lower.	Upper.	Lower.
0	1.22	0.81	0.80	0.0
1.25	2.56	0.42	1.80	0.27
2.5	3.44	0.19	2.98	0.49
5	4.77	0.0	4.38	0.88
7.5	5.58	0.12	5.50	1.23
10	6.11	0.39	6.38	1.51
15	6.80	0.90	7.65	1.94
20	7.28	1.60	8.37	2.23
30	7.61	2.27	8.80	2.57
40	7.55	2.28	8.50	2.73
50	7.11	1.72	7.85	2.53
60	6.36	1.04	6.88	1.95
70	5.32	0.34	5.62	1.27
80	3.90	0.0	4.12	0.72
90	2.47	0.03	2.48	0.30
95	1.50	0.23	1.50	0.15
100	0.83	0.49	0.70	0.0

Per cent of chord.	Ref. No. 3. U. S. A. 3. Ordinates.		Ref. No. 4. U. S. A. 4. Ordinates.		Ref. No. 5. U. S. A. 5. Ordinates.		Ref. No. 6. U. S. A. 6. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.79	0.0	0.81	0.0	0.73	0.33	0.72	0.72
1.25	1.87	0.13	2.43	0.25	2.10	0.17	1.77	0.08
2.5	2.64	0.30	3.44	0.51	3.03	0.03	2.39	0.0
*5	3.91	0.62	4.88	1.07	4.40	0.03	3.49	0.086
7.5	5.00	0.90	6.00	1.47	5.40	0.25	4.41	0.32
10	5.98	1.15	6.83	1.82	6.20	0.57	5.13	0.63
15	7.30	1.65	7.87	2.35	7.16	1.10	6.12	1.25
20	8.20	1.87	8.57	2.57	7.92	1.55	6.90	1.97
30	8.68	2.30	8.90	2.83	8.30	2.02	7.40	2.77
40	8.44	2.50	8.57	2.93	8.14	2.17	7.36	2.90
50	7.75	2.33	7.82	2.63	7.55	1.96	6.85	2.52
60	6.80	1.78	6.90	1.98	6.75	1.55	6.03	1.93
70	5.57	1.15	5.60	1.22	5.63	1.16	4.91	1.32
80	4.08	0.63	4.08	0.62	4.24	0.76	3.52	0.72
90	2.39	0.33	2.32	0.30	2.52	0.55	2.01	0.12
95	1.55	0.15	1.45	0.18	1.50	0.35	1.15	0.0
100	0.69	0.0	0.71	0.0	0.50	0.0	0.29	0.29
*3.5	.....	.....	.....	.....	.....	0.0	.....	.....

Per cent of chord.	Ref. No. 7. U. S. A. 7. Ordinates.		Ref. No. 8. U. S. A. 8. Ordinates.		Ref. No. 9. U. S. A. 9. Ordinates.		Ref. No. 10. U. S. A. 10. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.25	0.0	1.25	0.0	1.25	0.0	1.25	0.0
1.25	3.40	−1.07	4.65	−0.38	3.25	0.0	2.43	0.0
2.5	5.38	−1.58	6.33	−0.58	4.58	0.0	3.43	0.0
5	8.70	−2.32	8.73	−0.81	6.35	0.0	4.50	0.0
7.5	11.39	−2.80	10.21	−0.95	7.47	0.0	5.73	0.0
10	13.28	−3.13	11.25	−1.05	8.22	0.0	6.32	0.0
15	16.00	−3.65	12.45	−1.15	9.15	0.0	6.90	0.0
20	17.93	−3.80	13.33	−1.22	9.70	0.0	7.27	0.0
30	20.00	−4.02	13.93	−1.29	10.07	0.0	7.50	0.0
40	20.50	−3.87	13.80	−1.28	10.00	0.0	7.45	0.0
50	19.33	−3.52	13.00	−1.20	9.47	0.0	7.10	0.0
60	17.23	−3.03	11.63	−1.09	8.43	0.0	6.43	0.0
70	14.37	−2.50	9.74	−0.91	7.12	0.0	5.38	0.0
80	10.60	−1.92	7.28	−0.66	5.56	0.0	4.20	0.0
90	6.25	−1.17	4.50	−0.40	3.62	0.0	2.92	0.0
95	3.95	−0.75	2.95	−0.10	2.60	0.0	2.23	0.0
100	1.50	0.0	1.40	0.0	1.50	0.0	1.50	0.0

Per cent of chord.	Ref. No. 11. U. S. A. 11. Ordinates.		Ref. No. 12. U. S. A. 12. Ordinates.		Ref. No. 13. U. S. A. 14. Ordinates.		Ref. No. 14. U. S. A. 15. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.25	0.0	1.25	0.0	1.25	0.633	1.22	0.63
1.25	2.32	0.0	4.73	0.0	2.277	0.467	2.56	0.46
2.5	3.21	0.0	6.88	0.0	3.100	0.333	3.44	0.33
5	4.45	0.0	9.34	0.0	4.250	0.150	4.80	0.15
7.5	5.30	0.0	11.13	0.0	4.970	0.033	5.58	0.03
10	5.85	0.0	12.27	0.0	5.417	0.0	6.11	0.0
15	6.42	0.0	13.55	0.0	6.050	0.117	6.88	0.12
20	6.78	0.0	14.56	0.0	6.567	0.333	7.28	0.33
30	7.12	0.0	15.59	0.0	6.850	0.867	7.61	0.86
40	7.05	0.0	15.07	0.0	6.867	1.000	7.55	1.00
50	6.63	0.0	14.20	0.0	6.600	0.717	7.11	0.72
60	5.95	0.0	12.71	0.0	5.967	0.277	6.36	0.28
70	5.00	0.0	10.63	0.0	5.017	0.0	5.32	0.0
80	3.92	0.0	8.03	0.0	3.850	0.110	3.90	0.11
90	2.77	0.0	4.97	0.0	2.433	0.233	2.50	0.23
95	2.12	0.0	2.65	0.0	1.620	0.370	1.67	0.37
100	1.50	0.0	1.50	0.0	0.833	0.500	0.83	0.50

Per cent of chord.	Ref. No. 15. U. S. A. 16. Ordinates.		Ref. No. 16. U. S. A. 17. Ordinates.		Ref. No. 17. U. S. A. 18. Ordinates.		Ref. No. 18. U. S. A. 19. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	1.07	1.070	0.75	0.0
1.25	2.10	−0.42	1.60	0.40	1.80	0.467	1.80	0.10
2.5	2.99	−0.64	2.55	−0.64	2.98	0.339	2.40	0.00
5	3.88	−0.76	3.70	−0.70	4.38	0.150	3.47	0.10
7.5	4.52	−0.83	4.46	−0.76	5.50	0.033	4.35	0.30
10	4.95	−0.83	4.90	−0.83	6.38	0.000	5.07	0.55
15	5.42	−0.76	5.42	−0.96	7.65	0.117	6.11	1.25
20	5.67	−0.51	5.67	−1.02	8.37	0.333	6.73	1.77
30	5.86	−0.06	5.80	−1.08	8.80	0.867	7.17	2.45
40	5.74	0.0	5.60	−1.15	8.50	1.000	6.97	2.50
50	5.29	−0.19	5.23	−1.09	7.85	0.717	6.37	1.90
60	4.65	−0.70	4.65	−1.02	6.88	0.277	5.40	1.20
70	4.01	−0.76	4.01	−0.89	5.62	0.000	4.17	0.47
80	3.25	−0.70	3.06	−0.76	4.12	0.110	3.17	0.03
90	2.23	−0.446	1.97	−0.57	2.48	0.233	2.18	0.29
95	1.37	−0.27	1.10	−0.35	1.50	0.370	2.00	0.58
100	0.0	0.0	0.0	0.0	0.74	0.740	1.50	0.0

Per cent of chord.	Ref. No. 19. U. S. A. 20. Ordinates.		Ref. No. 20. U. S. A. 21. Ordinates.		Ref. No. 21. U. S. A. 23. Ordinates.		Ref. No. 22. U. S. A. 24. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.30	0.0	1.667	0.0	1.50	1.50	1.50	1.50
1.25	3.05	0.50	2.340	0.72	2.52	0.65	2.60	1.13
2.5	3.90	0.32	2.967	0.34	3.00	0.50	3.10	0.46
5	4.83	0.13	4.370	0.15	3.81	0.20	4.12	0.20
7.5	5.47	0.03	5.500	0.033	4.45	0.07	5.00	0.05
10	5.86	0.0	6.367	0.0	5.00	0.0	5.65	0.0
15	6.37	0.16	7.600	0.100	5.77	0.09	6.65	0.09
20	6.60	0.30	8.367	0.300	6.32	0.30	7.30	0.30
30	6.77	0.67	8.800	0.866	6.92	0.80	7.93	0.80
40	6.60	0.83	8.500	1.000	6.95	1.00	7.90	1.00
50	6.10	0.62	7.833	0.717	6.60	0.94	7.45	0.94
60	5.50	0.15	6.867	0.277	5.82	0.74	6.60	0.74
70	4.83	0.0	5.600	0.0	4.72	0.55	5.33	0.55
80	4.17	0.30	4.300	0.270	3.44	0.38	3.83	0.38
90	3.47	1.05	3.317	1.000	2.00	0.19	2.10	0.19
95	3.25	1.60	2.93	1.550	1.12	0.10	1.16	0.10
100	2.55	0.0	2.643	0.0	0.10	0.10	0.10	0.10

Per cent of chord.	Ref. No. 23. U. S. D. 9A. Ordinates.		Ref. No. 24. U. S. A. T. S. 1. Ordinates.		Ref. No. 25. U. S. A. T. S. 2. Ordinates.		Ref. No. 26. U. S. A. T. S. 3. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.31	1.31	2.0	+2.00	2.0	+2.00	2.0	2.00
1.25	2.67	0.55	4.4	−1.30	4.4	0.0	4.4	0.30
2.5	3.46	0.33	5.5	−2.30	5.5	−0.50	5.5	0.00
5	4.62	0.11	7.4	−4.00	7.4	−1.35	7.4	0.50
7.5	5.30	0.05	8.8	−5.40	8.8	−1.85	8.8	0.85
10	5.90	0.0	10.0	−6.50	10.0	−2.25	10.0	1.15
15	6.36	0.10	11.8	−7.90	11.8	−2.80	11.8	1.60
20	6.62	0.26	13.1	−8.90	13.1	−3.40	13.1	2.00
30	6.70	0.63	14.7	−9.55	14.7	−4.00	14.7	2.30
40	6.59	0.62	14.8	−9.10	14.8	−4.10	14.8	2.50
50	6.38	0.42	13.9	−8.30	13.9	−4.00	13.9	2.40
60	5.95	0.22	12.3	−7.30	12.3	−3.85	12.3	2.10
70	5.31	0.06	10.3	−5.85	10.3	−3.00	10.3	1.80
80	4.24	0.0	7.8	−4.10	7.8	−2.00	7.8	1.30
90	2.67	0.08	4.9	−2.10	4.9	−1.00	4.9	0.70
95	1.77	0.15	3.3	−1.00	3.3	−0.45	3.3	0.30
100	0.59	0.59	1.0	+1.00	1.0	+1.00	1.0	1.0

Per cent of chord.	Ref. No. 27. U. S. A. T. S. 4. Ordinates.		Ref. No. 28. U. S. A. T. S. 5. Ordinates.		Ref. No. 29. U. S. A. T. S. 6. Ordinates.		Ref. No. 30. U. S. A. T. S. 7. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	2.0	2.00	2.0	+2.00	2.0	+2.00	2.0	+2.00
1.25	4.4	0.45	4.4	0.0	4.4	0.10	4.4	0.60
2.5	5.5	0.20	5.5	−0.80	5.5	−0.40	5.5	0.0
5	7.4	0.80	7.4	−1.80	7.4	−0.75	7.4	0.20
7.5	8.8	1.30	8.8	−2.50	8.8	−1.10	8.8	0,5
10	10.0	1.80	10.0	−3.00	10.0	−1.45	10.0	0.74
15	11.8	2.65	11.8	−3.40	11.8	−1.80	11.8	1.00
20	13.1	3.20	13.1	−3.50	13.1	−2.00	13.1	1.25
30	14.7	3.90	14.7	−2.90	14.7	−2.10	14.7	1.47
40	14.8	3.90	14.8	−1.50	14.8	−1.35	14.8	1.00
50	13.9	3.60	13.9	−0.65	13.9	0.0	13.9	0.0
60	12.3	3.10	12.3	−0.30	12.3	+1.00	12.3	−1.20
70	10.3	2.65	10.3	−0.20	10.3	1.40	10.3	−2.00
80	7.8	2.00	7.8	−0.10	7.8	1.35	7.8	−2.50
90	4.9	1.00	4.9	0.0	4.9	0.80	4.9	−1.90
95	3.3	0.70	3.3	0.0	3.3	0.50	3.3	−1.20
100	1.2	1.20	1.0	+1.00	1.0	1.00	1.0	+1.00

Per cent of chord.	Ref. No. 31. U.S.A.T.S.8. Ordinates.		Ref. No. 32. U.S.A.T.S.9. Ordinates.		Ref. No. 33. U.S.A.T.S.10. Ordinates.		Ref. No. 34. U.S.A.T.S.11. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	2.0	2.00	1.50	1.5	1.50	1.5	1.50	1.5
1.25	4.4	+0.50	3.90	0.2	4.00	0.1	3.25	0.1
2.5	5.5	−0.20	5.75	0.0	5.60	0.0	4.25	0.0
5.0	7.4	−1.20	8.50	0.0	8.30	0.0	5.90	0.0
7.5	8.8	−1.50	10.56	0.0	10.00	0.0	7.10	0.0
10	10.0	−1.90	12.30	0.0	11.40	0.0	8.40	0.0
15	11.8	−1.90	14.50	0.0	13.30	0.0	10.10	0.0
20	13.1	−1.45	15.70	0.0	14.50	0.0	11.30	0.0
30	14.7	0.00	16.90	0.0	15.75	0.0	12.70	0.0
40	14.8	1.20	16.90	0.0	15.70	0.0	13.00	0.0
50	13.9	1.90	15.80	0.0	14.70	0.0	12.30	0.0
60	12.3	1.50	14.00	0.0	13.10	0.0	11.00	0.0
70	10.3	0.73	11.50	0.0	10.90	0.0	9.00	0.0
80	7.8	0.0	8.50	0.0	8.00	0.0	6.90	0.0
90	4.9	−0.50	5.30	0.0	5.00	0.0	4.46	0.0
95	3.3	−0.30	3.60	0.0	3.40	0.0	3.20	0.0
100	1.0	+1.00	1.00	1.0	1.00	1.0	1.00	1.0

Per cent of chord.	Ref. No. 35. U.S.A.T.S.12. Ordinates.		Ref. No. 36. U.S.A.T.S.13. Ordinates.		Ref. No. 37. U.S.A.T.S.14. Ordinates.		Ref. No. 38. U.S.A.T.S.15. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.50	1.5	1.40	1.4	1.50	1.5	2.00	2.0
1.25	3.30	0.1	3.50	0.1	3.50	0.1	2.00	0.4
2.5	4.35	0.0	5.40	0.0	5.25	0.0	2.20	0.0
5	6.40	0.0	8.00	0.0	7.65	0.0	3.90	0.0
*7.5	7.90	0.0	9.70	0.0	9.30	0.0	.....	.....
10	9.00	0.0	11.00	0.0	10.50	0.0	10.50	0.0
15	11.00	0.0	12.90	0.0	12.10	0.0	12.30	0.0
20	12.40	0.0	13.75	0.0	13.20	0.0	13.50	0.0
30	14.00	0.0	14.30	0.0	14.00	0.0	14.75	0.0
40	14.30	0.0	13.70	0.0	13.50	0.0	14.75	0.0
50	13.80	0.0	12.30	0.0	12.00	0.0	13.80	0.0
60	12.75	0.0	10.80	0.0	10.10	0.0	12.40	0.0
70	11.00	0.0	8.90	0.0	8.00	0.0	10.30	0.0
80	8.60	0.0	6.80	0.0	6.00	0.0	7.90	0.0
90	5.65	0.0	4.35	0.0	3.80	0.0	5.20	0.0
95	3.75	0.0	3.00	0.0	2.80	0.0	3.70	0.0
100	1.00	1.0	1.00	1.0	1.00	1.0	1.50	1.5
*6.75	.....	.....	.....	.....	.....	.....	8.70	0.0

Per cent of chord.	Ref. No. 39. U.S.A.T.S.16. Ordinates.		Ref. No. 40. U.S.A.T.S.17. Ordinates.		Ref. No. 41. U.S.A.T.S.18. Ordinates.		Ref. No. 42. Durand Prop. 4. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	2.0	2.0	2.0	2.00	2.0	2.0	0.60	0.60
1.25	4.4	0.3	4.4	0.25	4.4	0.2	5.70	0.0
2.5	5.5	−0.1	5.5	−0.25	5.5	−0.3	8.25	−0.20
5.0	7.4	−1.1	7.4	−0.70	7.4	−1.0	12.70	−1.10
7.5	8.8	−1.8	8.8	−1.00	8.8	−1.5	15.70	−1.90
10	10.0	−2.5	10.0	−1.30	10.0	−1.9	18.41	−2.60
15	11.8	−3.4	11.8	−1.80	11.8	−2.6	22.70	−3.60
20	13.1	−4.3	13.1	−2.10	13.1	−3.1	25.10	−4.30
30	14.7	−5.3	14.7	−2.70	14.7	−3.7	28.10	−5.30
40	14.8	−5.8	14.8	−3.00	14.8	−4.0	28.50	−5.80
50	13.9	−5.7	13.9	−2.90	13.9	−3.7	27.00	−6.00
60	12.3	−4.9	12.3	−2.60	12.3	−3.2	23.80	−5.90
70	10.3	−3.9	10.3	−2.10	10.3	−2.6	19.50	−5.40
80	7.8	−2.7	7.8	−1.50	7.8	−1.8	14.40	−4.70
90	4.9	−1.2	4.9	−0.70	4.9	−0.9	8.50	−3.00
95	3.3	−0.55	3.3	−0.30	3.3	−0.5	5.40	−1.25
100	1.0	+1.0	1.0	+1.00	1.0	+1.0	1.20	+1.20

Per cent of chord.	Ref. No. 43. Durand Prop. 7. Ordinates.		Ref. No. 44. Durand Prop. 10 Ordinates.		Ref. No. 45. Durand Prop. 13 Ordinates.		Ref. No. 46. Durand Prop. 16 Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00
1.25	4.10	0.0	3.20	0.0	4.40	0.30	2.60	0.0
2.5	6.00	0.0	5.00	0.0	5.50	0.0	3.50	0.0
5.0	9.00	0.0	7.50	0.0	7.40	0.0	5.00	0.0
7.5	11.40	0.0	9.60	0.0	8.80	0.0	6.30	0.0
10	13.16	0.0	11.50	0.0	10.00	0.0	7.30	0.0
15	16.60	0.0	14.40	0.0	11.80	0.0	9.00	0.0
20	19.00	0.0	16.50	0.0	13.10	0.0	10.00	0.0
30	21.85	0.0	18.60	0.0	14.70	0.0	11.00	0.0
40	22.00	0.0	18.60	0.0	14.80	0.0	11.10	0.0
50	20.32	0.0	17.10	0.0	13.90	0.0	10.70	0.0
60	18.05	0.0	15.00	0.0	12.30	0.0	9.60	0.0
70	14.65	0.0	12.40	0.0	10.30	0.0	8.00	0.0
80	10.80	0.0	9.20	0.0	7.80	0.0	6.20	0.0
90	6.55	0.0	5.60	0.0	4.90	0.0	4.10	0.0
95	4.20	0.0	3.70	0.0	3.30	0.0	3.00	0.0
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Per cent of chord.	Ref. No. 47. Offenstein. Ordinates.		Ref. No. 48. Offenstein-Mod. Ordinates.		Ref. No. 49. Spad. Ordinates.		Ref. No. 50. St. Air. Co. No. 48. Ordinates.	
	Upper.	Lower.	Upper	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.00	1.00	1.00	1.00	0.26	0.26	1.27	1.27
1.25	1.83	0.55	1.96	0.570	1.55	0.07	2.10	0.45
2.5	2.50	0.70	2.50	0.274	2.14	0.03	2.68	0.24
5	3.57	0.04	3.572	0.0357	3.00	0.08	3.57	0.0
7.5	4.21	0.04	4.210	0.0357	3.75	0.16	4.20	0.04
10	4.65	0.11	4.65	0.1071	4.37	0.26	4.68	0.15
15	5.20	0.32	5.25	0.310	5.31	0.55	5.30	0.36
20	5.56	0.48	5.56	0.478	5.95	0.85	5.62	0.56
30	5.84	0.67	5.84	0.666	6.60	1.25	5.85	0.67
40	5.79	0.63	5.79	0.631	6.67	1.31	5.84	0.60
50	5.51	0.51	5.51	0.512	6.28	1.10	5.55	0.48
60	5.04	0.43	5.045	0.429	5.53	0.82	5.06	0.37
70	4.36	0.32	4.360	0.3214	4.51	0.51	4.35	0.30
80	3.42	0.19	3.419	0.1904	3.26	0.29	3.46	0.22
90	1.96	0.83	1.962	0.0834	1.80	0.15	2.34	0.11
95	1.30	0.78	1.050	0.0190	1.06	0.07	1.64	0.04
100	0.0	0.0	0.00	0.000	0.32	0.0	0.48	0.48

Per cent of chord.	Ref. No. 51. V. E. Clark. Ordinates.		Ref. No. 52. W-1. Ordinates.		Ref. No. 53. W. N. Y. 1. Ordinates.		Ref. No. 54. W. N. Y. 2. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper	Lower.	Upper.	Lower.
0	1.0	0.8	0.0	0.0	1.018	1.018	1.018	1.018
1.25	2.6	0.7	1.25	−1.10	1.802	0.548	1.802	0.548
2.5	3.7	0.5	1.95	−1.40	2.508	0.235	2.508	0.235
5	4.8	0.0	3.00	−1.90	3.605	0.0	3.605	0.0
7.5	5.6	0.3	3.90	−2.15	4.467	0.235	4.467	0.235
10	6.3	0.7	4.50	−2.50	5.265	0.687	5.265	0.687
15	7.0	1.7	5.35	−2.85	6.270	1.489	6.270	1.489
20	7.3	2.2	5.70	−3.00	7.175	2.228	7.175	2.228
30	7.5	2.7	5.80	−3.00	7.870	2.954	7.870	2.954
40	7.1	2.3	5.70	−3.00	7.080	2.725	7.450	2.725
50	6.5	1.8	5.20	−2.80	7.060	2.060	6.560	2.062
60	5.5	1.3	4.50	−2.50	6.070	1.210	5.310	1.210
70	4.7	0.5	3.60	−2.10	4.770	0.573	4.100	0.573
80	3.5	0.2	2.75	−1.75	3.460	0.229	2.905	0.229
90	2.2	0.0	1.75	−1.25	2.150	0.051	1.810	0.051
95	1.3	0.1	1.30	−1.10	1.450	0.080	1.260	0.080
100	0.8	0.7	0.0	0.0	0.814	0.229	0.814	0.229

Per cent of chord.	Ref. No. 55. W. N. Y. 3. Ordinates.		Ref. No. 56. W. N. Y. 4. Ordinates.		Ref. No. 57 Sloane. Ordinates.		Ref. No. 58. R. A. F. 3. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.018	1.018	0.0	0.0	0.71	0.71	0.80	0.80
1.25	1.802	0.548	1.179	0.0	1.80	0.26	2.00	0.0
2.5	2.508	0.235	2.044	0.0	2.56	0.07	3.00	0.0
5	3.605	0.0	3.880	0.0	3.40	0.01	4.40	0.90
7.5	4.467	0.235	4.409	0.235	3.95	0.05	5.50	1.30
10	5.265	0.687	5.265	0.687	4.38	0.12	6.40	1.60
15	6.270	1.489	6.270	1.489	4.93	0.36	7.68	2.10
20	7.175	2.228	7.175	2.228	5.25	0.51	8.40	2.40
30	7.870	2.954	7.870	2.954	5.62	0.63	8.80	2.90
40	7.190	2.725	7.450	2.725	5.62	0.55	8.50	3.20
50	5.925	2.062	6.560	2.062	5.30	0.46	7.80	3.10
60	4.575	1.210	5.310	1.210	4.82	0.38	6.90	2.60
70	3.356	0.573	4.100	0.573	4.10	0.33	5.60	2.10
80	2.355	0.229	2.905	0.229	3.26	0.21	4.10	1.40
90	1.502	0.051	1.810	0.051	2.14	0.08	2.40	0.80
95	1.150	0.080	1.260	0.080	1.43	0.04	1.60	0.40
100	0.814	0.229	0.814	0.229	0.58	0.0	0.70	0.0

Per cent of chord.	Ref. No. 59. R. A. F. 4. Ordinates.		Ref. No. 60. R. A. F. 5. Ordinates.		Ref. No. 61. R. A. F. 6. Ordinates.		Ref. No. 62. R. A. F. 6-Mod. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.80	0.80	0.80	0.80	0.50	0.0	0.50	0.0
1.25	2.20	0.05	2.25	0.20	2.30	0.10	2.00	0.05
2.5	3.10	0.0	3.10	0.0	3.21	0.0	3.05	0.13
5	4.30	0.90	4.30	−0.50	4.43	0.22	4.50	0.24
7.5	5.25	1.30	5.20	−0.75	5.35	0.35	5.40	0.34
10	6.00	1.60	6.00	−0.80	6.01	0.41	6.10	0.45
15	6.90	2.00	6.90	−0.55	7.08	0.70	7.15	0.63
20	7.40	2.10	7.40	−0.10	7.40	0.68	7.80	0.70
30	7.50	2.20	7.50	+1.70	7.59	0.77	8.20	0.80
40	7.20	2.10	7.20	2.20	7.47	0.68	7.70	0.80
50	6.60	1.90	6.60	2.00	7.11	0.53	7.10	0.75
60	5.90	1.60	5.90	1.60	6.51	0.41	6.43	0.64
70	4.90	1.30	4.90	1.30	5.65	0.30	5.80	0.80
80	3.80	0.90	3.80	0.90	4.42	0.19	5.33	1.45
90	2.50	0.40	2.50	0.40	2.73	0.09	4.90	2.50
95	1.70	0.22	1.65	0.30	1.85	0.05	4.76	3.20
100	0.80	0.10	0.80	0.10	0.50	0.0	4.30	4.30

Per cent of chord.	Ref. No. 63. R. A. F. 6a. Ordinates.		Ref. No. 64. R. A. F. 6c. Ordinates.		Ref. No. 65. R. A. F. 6c (BS). Ordinates.		Ref. No. 66. R. A. F. 8. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	5.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	2.30	0.0	2.25	0.0	2.25	−2.25	3.30	0.0
2.5	3.21	0.0	3.10	0.11	3.10	−3.10	4.10	0.10
5	4.43	0.0	4.53	0.25	4.53	−4.53	5.30	0.35
7.5	5.35	0.0	5.50	0.37	5.50	−5.50	6.00	0.57
10	6.01	0.0	6.17	0.45	6.17	−6.17	6.47	0.76
15	7.03	0.0	6.95	0.67	6.95	−6.95	7.20	1.00
20	7.40	0.0	7.40	0.80	7.40	−7.40	7.52	0.95
30	7.59	0.0	7.85	0.90	7.85	−7.85	7.58	0.85
40	7.47	0.0	7.70	0.80	7.70	−7.70	7.40	0.70
50	7.11	0.0	7.30	0.65	7.30	−7.30	7.10	0.55
60	6.51	0.0	6.80	0.50	6.80	−6.80	6.50	0.30
70	5.65	0.0	5.90	0.35	5.90	−5.90	5.60	0.18
80	4.42	0.0	4.70	0.20	4.70	−4.70	4.50	0.0
90	2.73	0.0	3.20	0.10	3.20	−3.20	2.80	0.0
95	1.85	0.0	2.30	0.05	2.30	−2.30	1.85	0.0
100	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Per cent of chord.	Ref. No. 67. R. A. F. 9. Ordinates.		Ref. No. 68. R. A. F. 12. Ordinates.		Ref. No. 69. R. A. F. 13. Ordinates.		Ref. No. 70. R. A. F. 14. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	0.68	0.68
1.25	2.75	0.02	2.00	−0.46	2.05	−0.50	1.80	0.13
2.5	3.52	0.06	2.74	−0.63	2.85	−0.65	2.54	0.05
5	4.82	0.20	3.83	−0.89	3.95	−0.89	3.65	0.03
7.5	5.70	0.30	4.55	−1.05	4.80	−1.06	4.52	0.16
10	6.33	0.35	5.05	−1.22	5.34	−1.18	5.25	0.39
15	7.00	0.40	5.55	−1.33	6.00	−1.33	6.18	0.94
20	7.23	0.37	5.76	−1.40	6.50	−1.38	6.63	1.22
30	7.33	0.35	5.75	−1.38	7.05	−1.42	7.06	1.39
40	7.10	0.30	5.59	−1.36	6.88	−1.36	6.82	1.27
50	6.70	0.25	5.27	−1.28	6.25	−1.28	6.50	1.06
60	6.10	0.20	4.80	−1.17	4.60	−1.17	6.08	0.85
70	5.20	0.16	4.58	−0.99	4.08	−0.99	5.43	0.62
80	4.00	0.10	3.79	−0.76	3.14	−0.76	4.28	0.42
90	2.50	0.07	2.48	−0.47	1.96	−0.47	2.65	0.19
95	1.67	0.03	1.62	0.26	1.24	−0.27	1.70	0.17
100	0.0	0.0	0.0	0.0	0.0	0.0	0.38	0.38

Per cent of chord.	Ref. No. 71. R. A. F. 14-Mod. Ordinates.		Ref. No. 72. R. A. F. 15. Ordinates.		Ref. No. 73. R. A. F. 15-Mod. Ordinates.		Ref. No. 74. R. A. F. 16. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.66	0.66	0.20	+0.20	1.33	1.33	0.30	+0.30
1.25	1.74	0.42	1.90	−0.45	3.00	0.55	2.20	−0.47
2.5	2.55	0.40	2.80	−0.73	3.75	0.26	3.15	−0.75
5	3.82	0.40	3.90	−0.90	4.85	0.10	4.42	−0.90
7.5	4.76	0.42	4.60	−1.00	5.56	0.05	5.20	−1.00
10	5.50	0.40	5.05	−1.00	6.00	0.0	5.70	−1.03
15	6.40	0.80	5.58	−0.80	6.55	0.17	6.25	−0.80
20	6.80	1.26	5.76	−0.50	6.70	0.50	6.50	−0.50
30	6.90	1.24	5.80	−0.10	6.70	0.80	6.58	−0.10
*40	6.78	1.12	5.58	−0.05	6.49	0.91	6.32	0.0
50	6.47	0.86	5.17	−0.28	6.13	0.67	6.00	0.0
60	6.00	0.40	4.68	−0.47	5.62	0.34	5.49	0.0
*70	5.37	−0.08	4.07	−0.62	4.98	0.10	4.70	0.0
*80	4.16	−0.50	3.28	−0.67	4.22	0.16	3.80	0.0
90	2.63	−0.40	2.24	−0.35	3.33	0.55	2.68	0.0
95	1.66	−0.15	1.63	−0.20	2.77	0.76	1.90	0.0
100	0.40	0.40	0.30	+0.30	1.33	1.33	0.30	+0.30
*35	.....	.....	5.74	0.0	.....	.....	.....	.....
*36.7	.....	.....	.....	.....	.....	.....	.....	0.0
*68	.....	0.0	.....	.....	.....	.....	.....	.....
*73.3	.....	.....	.....	.....	.....	0.0	.....	.....

Per cent of chord.	Ref. No. 75. R. A. F. 17. Ordinates.		Ref. No. 76. R. A. F. 18. Ordinates.		Ref. No. 77. R. A. F. 19. Ordinates.		Ref. No. 78. R. A. F. 20. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.30	+0.30	0.70	0.70	1.20	1.20	0.0	0.0
1.25	1.80	−0.32	1.82	0.25	3.90	0.22	0.90	−0.53
2.5	2.76	−0.48	2.41	0.05	5.80	0.03	1.60	−0.68
*5	3.90	−0.70	3.30	0.0	8.50	0.10	2.70	−0.90
7.5	4.55	−0.80	4.00	0.05	10.38	0.62	3.50	−0.96
10	5.00	−0.85	4.50	0.16	11.75	1.40	4.06	−1.05
15	5.54	−0.87	5.20	0.52	13.70	3.15	4.86	−1.20
20	5.78	−0.82	5.62	0.90	14.72	4.85	5.43	−1.27
30	5.80	−1.00	5.90	1.40	15.20	6.90	6.00	−1.40
40	5.62	−0.95	5.90	1.30	14.70	7.50	6.00	−1.50
50	5.20	−0.87	5.60	1.00	13.40	7.20	5.70	−1.50
60	4.65	−0.80	5.10	0.70	11.70	6.20	5.10	−1.40
70	3.98	−0.70	4.40	0.40	9.50	5.00	4.20	−1.40
80	3.22	−0.60	3.50	0.20	7.10	3.40	3.10	−1.10
90	2.24	−0.40	2.20	0.0	4.30	1.70	1.80	−0.80
95	1.64	−0.30	1.50	0.0	2.60	0.80	1.10	−0.60
*100	0.42	+0.42	0.30	0.30	0.60	0.60	0.0	0.0
*3.5	.....	.....	.....	.....	.....	0.0	.....	.....
*99	.....	.....	.....	.....	.....	0.0	.....	.....

Per cent of chord.	Ref. No. 79. N. & G. 1. Ordinates.		Ref. No. 80. N. & G. 2. Ordinates.		Ref. No. 81. N. & G. 3. Ordinates.		Ref. No. 82. N. & G. 4. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	1.13	0.0	1.44	0.0	1.69	0.0	2.25	0.0
2.5	1.58	0.0	2.01	0.0	2.36	0.0	3.14	0.0
5	2.29	0.0	2.94	0.0	3.44	0.0	4.58	0.0
7.5	2.78	0.0	3.56	0.0	4.16	0.0	5.55	0.0
10	3.07	0.0	3.94	0.0	4.61	0.0	6.14	0.0
15	3.47	0.0	4.45	0.0	5.21	0.0	6.94	0.0
20	3.70	0.0	4.74	0.0	5.55	0.0	7.40	0.0
30	3.89	0.0	4.99	0.0	5.84	0.0	7.78	0.0
*40	3.85	0.0	4.94	0.0	5.78	0.0	7.70	0.0
50	3.65	0.0	4.68	0.0	5.48	0.0	7.30	0.0
60	3.40	0.0	4.36	0.0	5.10	0.0	6.80	0.0
70	2.95	0.0	3.78	0.0	4.40	0.0	5.90	0.0
80	2.35	0.0	3.01	0.0	3.50	0.0	4.70	0.0
90	1.60	0.0	2.05	0.0	2.40	0.0	3.20	0.0
95	1.15	0.0	1.47	0.0	1.73	0.0	2.30	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*32	3.90	0.0	5.00	0.0	5.85	0.0	7.80	0.0

Per cent of chord.	Ref. No. 83. N. & G. 5. Ordinates.		Ref. No. 84. N. & G. 6. Ordinates.		Ref. No. 85. N. & G. 7. Ordinates.		Ref. No. 86. N. & G. 8. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	2.37	0.0	2.53	0.0	1.78	0.0	1.90	0.0
2.5	3.40	0.0	3.71	0.0	2.55	0.0	2.78	0.0
5	4.85	0.0	5.24	0.0	3.64	0.0	3.93	0.0
7.5	5.83	0.0	6.16	0.0	4.37	0.0	4.62	0.0
10	6.44	0.0	6.77	0.0	4.83	0.0	5.08	0.0
15	7.20	0.0	7.39	0.0	5.40	0.0	5.54	0.0
20	7.52	0.0	7.73	0.0	5.64	0.0	5.80	0.0
*30	7.79	0.0	7.76	0.0	5.84	0.0	5.82	0.0
40	7.59	0.0	7.47	0.0	5.70	0.0	5.60	0.0
50	7.16	0.0	7.03	0.0	5.37	0.0	5.27	0.0
60	6.59	0.0	6.47	0.0	4.94	0.0	4.85	0.0
70	5.67	0.0	5.60	0.0	4.25	0.0	4.21	0.0
80	4.53	0.0	4.45	0.0	3.40	0.0	3.34	0.0
90	3.11	0.0	3.04	0.0	2.33	0.0	2.28	0.0
95	2.27	0.0	2.20	0.0	1.70	0.0	1.65	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*24	.....	.....	7.80	0.0	.....	.....	5.85	0.0
*28	7.80	0.0	.....	.....	5.85	0.0	.....	.....

Per cent of chord.	Ref. No. 87. N. & G. 9. Ordinates.		Ref. No. 88. N. & G. 10. Ordinates.		Ref. No. 89. N. & G. 11. Ordinates.		Ref. No. 90. N. & G. 12. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	−0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	1.90	−0.65	1.90	−0.325	1.90	−1.14	1.90	−0.76
2.5	2.78	−0.95	2.78	−0.475	2.78	−1.75	2.78	−1.17
5	3.93	−1.34	3.93	−0.670	3.93	−2.50	3.93	−1.67
7.5	4.62	−1.58	4.62	−0.790	4.62	−2.84	4.62	−1.89
10	5.08	−1.74	5.08	−0.870	5.08	−2.99	5.08	−1.99
*15	5.54	−1.89	5.54	−0.945	5.54	−2.68	5.54	−1.79
20	5.80	−1.98	5.80	−0.990	5.80	−1.80	5.80	−1.20
*30	5.82	−1.99	5.82	−0.995	5.82	−0.20	5.82	−0.133
40	5.60	−1.91	5.60	−0.955	5.60	0.0	5.60	0.0
50	5.27	−1.80	5.27	−0.900	5.27	0.0	5.27	0.0
60	4.85	−1.66	4.85	−0.830	4.85	0.0	4.85	0.0
70	4.21	−1.44	4.21	−0.720	4.21	0.0	4.21	0.0
80	3.34	−1.14	3.34	−0.570	3.34	0.0	3.34	0.0
90	2.28	−0.78	2.28	−0.340	2.28	0.0	2.28	0.0
95	1.65	−0.56	1.65	−0.280	1.65	0.0	1.65	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*10.7	.....	.....	.....	.....	.....	−3.0	.....	−2.0
*24	5.85	−0.20	5.85	−0.10	5.85	.....	5.85	.....

Per cent of chord.	Ref. No. 91. N. & G. 13. Ordinates.		Ref. No. 92. N. & G. 14. Ordinates.		Ref. No. 93. N. & G. 15. Ordinates.		Ref. No. 94. N. & G. 16. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	1.90	−0.380	1.90	−0.94	1.90	−0.470	1.90	−1.30
2.5	2.78	−0.580	2.78	−1.36	2.78	−0.680	2.78	−1.50
5	3.93	−0.830	3.93	−1.83	3.93	−0.915	3.93	−1.38
7.5	4.62	−0.950	4.62	−2.00	4.62	−1.000	4.62	−1.20
10	5.08	−0.997	5.08	−1.85	5.08	−0.925	5.08	−1.07
*15	5.54	−0.890	5.54	−1.20	5.54	−0.600	5.54	−0.70
20	5.80	−0.600	5.80	−0.70	5.80	−0.350	5.80	−0.30
*30	5.82	−0.067	5.82	−0.10	5.82	−0.050	5.82	−0.06
*40	5.60	0.0	5.60	0.0	5.60	0.0	5.60	0.0
50	5.27	0.0	5.27	0.0	5.27	0.0	5.27	0.0
60	4.85	0.0	4.85	0.0	4.85	0.0	4.85	0.0
70	4.21	0.0	4.21	0.0	4.21	0.0	4.21	0.0
80	3.34	0.0	3.34	0.0	3.34	0.0	3.34	0.0
90	2.28	0.0	2.28	0.0	2.28	0.0	2.28	0.0
95	1.65	0.0	1.65	0.0	1.65	0.0	1.65	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*10.7	.....	−1.0	.....	.....	.....	.....	.....	.....
*24	5.85	.....	5.85	.....	5.85	.....	5.85	.....
*33.3	.....	.....	.....	0.0	.....	.....	.....	.....

Per cent of chord.	Ref. No. 95. N. & G. 17. Ordinates.		Ref. No. 96. N. & G. 18. Ordinates.		Ref. No. 97. N. & G. 19. Ordinates.		Ref. No. 98. N. & G. 20. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	1.90	−0.866	1.90	−0.433	1.13	−0.380	1.13	−0.470
2.5	2.78	−1.000	2.78	−0.500	1.58	−0.580	1.58	−0.680
5	3.93	−0.920	3.93	−0.460	2.29	−0.830	2.29	−0.915
7.5	4.62	−0.800	4.62	−0.400	2.78	−0.930	2.78	−1.000
10	5.08	−0.713	5.08	−0.357	3.07	−0.997	3.07	−0.925
*15	5.54	−0.466	5.54	−0.233	3.47	−0.890	3.47	−0.600
20	5.80	−0.200	5.80	−0.100	3.70	−0.600	3.70	−0.350
−*30	5.82	−0.040	5.82	−0.020	3.89	−0.067	3.89	−0.050
*40	5.60	0.0	5.60	0.0	3.85	0.0	3.85	0.0
50	5.27	0.0	5.27	0.0	3.65	0.0	3.65	0.0
60	4.85	0.0	4.85	0.0	3.40	0.0	3.40	0.0
70	4.21	0.0	4.21	0.0	2.95	0.0	2.95	0.0
80	3.34	0.0	3.34	0.0	2.35	0.0	2.35	0.0
90	2.28	0.0	2.28	0.0	1.60	0.0	1.60	0.0
95	1.65	0.0	1.65	0.0	1.15	0.0	1.15	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*10.7	.....	.....	.....	.....	.....	−1.0	.....	.....
−*24	5.85	.....	5.85	.....	.....	.....	.....	.....
*32	.....	.....	.....	.....	3.90	.....	3.90	.....
*33.3	.....	.....	.....	.....	.....	0.0	.....	0.0

Per cent of chord.	Ref. No. 99. N. & G. 21. Ordinates.		Ref. No. 100. N. & G. 22. Ordinates.		Ref. No. 101. N. & G. 23. Ordinates.		R ef. No. 102. N. & G. 24. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	1.13	−0.235	1.13	−0.290	1.13	−0.145	2.25	−0.290
2.5	1.58	−0.340	1.58	−0.400	1.58	−0.200	3.14	−0.400
5	2.29	−0.458	2.29	−0.590	2.29	−0.295	4.58	−0.590
7.5	2.78	−0.500	2.78	−0.760	2.78	−0.380	5.55	−0.760
10	3.07	−0.463	3.07	−0.790	3.07	−0.395	6.14	−0.790
15	3.47	−0.300	3.47	−0.890	3.47	−0.445	6.94	−0.890
20	3.70	−0.175	3.70	−0.950	3.70	−0.475	7.40	−0.950
30	3.89	−0.025	3.89	−0.997	3.89	−0.498	7.78	−0.997
*40	3.85	0.0	3.85	−0.990	3.85	−0.495	7.70	−0.990
50	3.65	0.0	3.65	−0.940	3.65	−0.470	7.30	−0.940
60	3.40	0.0	3.40	−0.870	3.40	−0.435	6.80	−0.870
70	2.95	0.0	2.95	−0.760	2.95	−0.380	5.90	−0.760
80	2.35	0.0	2.35	−0.600	2.35	−0.300	4.70	−0.600
90	1.60	0.0	1.60	−0.410	1.60	−0.205	3.20	−0.410
95	1.15	0.0	1.15	−0.290	1.15	−0.145	2.30	−0.290
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*32	3.90	.....	3.90	−1.000	3.90	−0.500	7.80	−1.000
*33.3	.....	0.0	.....	.....	.....	.....	.....	.....

Per cent of chord.	Ref. No. 103. N. & G. 25. Ordinates.		Ref. No. 104. N. & G. 26. Ordinates.		Ref. No. 105. N. & G. 27. Ordinates.		Ref. No. 106. N. & G. 28. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.834	0.834	1.67	1.67
1.25	1.69	−0.290	1.44	−0.290	.....	.....	.....	.....
2.5	2.36	−0.400	2.01	−0.400	.....	.....	.....	.....
5.0	3.44	−0.590	2.94	−0.590	4.580	0.0	.....	.....
7.5	1.16	−0.760	3.56	−0.760	5.550	0.0	.....	.....
10	4.61	−0.790	3.94	−0.790	6.140	0.0	6.14	0.0
15	5.21	−0.890	4.45	−0.890	6.940	0.0	6.94	0.0
20	5.55	−0.950	4.74	−0.950	7.400	0.0	7.40	0 0
30	5.84	−0.997	4.99	−0.997	7.780	0.0	7.78	0.0
*40	5.78	−0.990	4.94	−0.990	7.700	0.0	7.70	0.0
50	5.48	−0.940	4.68	−0.940	7.300	0.0	7.30	0.0
60	5.10	−0.870	4.36	−0.870	6.800	0.0	6.80	0.0
70	4.40	−0.760	3.78	−0.760	5.900	0.0	5.90	0.0
80	3.50	−0.600	3.01	−0.600	4.700	0.0	4.70	0.0
90	2.40	−0.410	2.05	−0.410	3.200	0.0	3.20	0.0
95	1.73	−0.290	1.47	−0.290	2.300	0.0	2.30	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*32	5.85	−1.000	5.00	−1.000	7.800	0.0	7.80	0.0

Per cent of chord.	Ref. No. 107. N. & G. 29. Ordinates.		Ref. No. 108. N. & G. 30. Ordinates.		Ref. No. 109. N. & G. 31. Ordinates.		Ref. No. 110. A. D. No. 1. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	3.34	3.34	5.00	5.00	−0.834	−0.834	0.0	0.0
1.25	.....	.....	.....	.....	.....	.....	1.10	−0.780
2.5	.....	.....	.....	.....	.....	.....	1.63	−1.000
5	.....	.....	.....	.....	.....	.....	2.62	−1.160
7.5	.....	.....	.....	.....	.....	.....	3.50	−1.270
10	.....	.....	.....	.....	6.14	0.0	4.21	−1.360
15	6.94	0.0	.....	.....	6.94	0.0	5.20	−1.450
20	7.40	0.0	7.40	0.0	7.40	0.0	5.67	−1.500
30	7.78	0.0	7.78	0.0	7.78	0.0	6.32	−1.600
*40	7.70	0.0	7.70	0.0	7.70	0.0	6.38	−1.620
50	7.30	0.0	7.30	0.0	7.30	0.0	6.08	−1.610
60	6.80	0.0	6.80	0.0	6.80	0.0	5.38	−1.600
70	5.90	0.0	5.90	0.0	5.90	0.0	4.50	−1.400
80	4.70	0.0	4.70	0.0	4.70	0.0	3.43	−0.900
90	3.20	0.0	3.20	0.0	3.20	0.0	1.90	−0.700
95	2.30	0.0	2.30	0.0	2.30	0.0	1.10	−0.620
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*32	7.80	0.0	7.80	0.0	7.80	0.0	.....	.....

Per cent of chord.	Ref. No. 111. A. D. 4. Ordinates.		Ref. No. 112. N. P. L. 64 Ordinates.		Ref. No. 113. Albatross. Ordinates.		Ref. No. 114. Avro. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.74	0.74	0.34	0.34
*1.25	1.600	−0.700	2.3	0.0	2.20	0.0	1.28	0.015
2.5	2.403	−0.945	3.3	0.0	3.20	0.20	2.08	0.06
5	3.717	−1.125	4.6	0.0	5.00	0.60	3.30	0.17
7.5	4.60	−1.300	5.5	0.0	6.20	0.95	4.30	0.26
10	5.310	−1.440	6.2	0.0	7.05	1.25	5.20	0.42
15	6.300	−1.647	7.2	0.0	8.25	1.75	6.68	0.88
20	6.858	−1.737	7.6	0.0	9.00	2.12	7.50	1.25
30	7.200	−1.800	8.0	0.0	9.64	2.50	8.30	1.78
40	6.912	−1.773	7.2	0.0	9.45	2.62	8.43	1.93
50	6.300	−1.710	7.1	0.0	8.55	2.50	8.05	1.76
60	5.472	−1.575	6.2	0.0	7.40	2.17	7.20	1.40
70	4.383	−1.368	5.1	0.0	6.02	1.76	5.75	1.04
80	3.177	−1.125	3.9	0.0	4.30	1.25	4.00	0.66
90	1.845	−0.882	2.5	0.0	2.47	0.65	2.23	0.30
95	1.060	−0.660	1.6	0.0	1.50	0.30	1.30	0.08
*100	0.0	0.0	0.0	0.0	0.35	0.35	0.20	0.20
*1	.....	.....	.....	.....	.....	.....	.....	0.0
*96	.....	.....	.....	.....	.....	.....	.....	0.0

Per cent of chord.	Ref. No. 115. Bristol. Ordinates.		Ref. No. 116. B. I. R. 1a. Ordinates.		Ref. No. 117. B. I. R. 3. Ordinates.		Ref. No. 118. B. I. R. 33a. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.74	1.39	0.0	0.0	0.0	0.0	0.0	0.0
1.25	2.38	1.00	2.18	0.0	2.18	1.20	2.15	0.21
2.5	2.90	0.75	3.40	0.0	3.40	2.05	3.42	0.34
5	3.81	0.40	5.30	0.0	5.30	3.20	5.30	0.53
7.5	4.50	0.18	6.65	0.0	6.65	3.95	6.52	0.65
10	5.08	0.04	7.62	0.0	7.62	4.55	7.50	0.75
15	5.92	0.08	8.80	0.0	8.80	5.34	8.87	0.88
20	6.41	0.35	9.50	0.0	9.50	5.74	9.50	0.95
30	6.77	0.83	9.98	0.0	9.98	6.00	9.95	0.99
*40	6.76	1.05	9.88	0.0	9.88	5.84	9.80	0.98
50	6.65	0.99	9.16	0.0	9.16	5.50	9.05	0.90
60	6.14	0.71	8.10	0.0	8.10	4.80	8.00	0.80
70	5.31	0.27	6.64	0.0	6.64	3.92	6.50	0.65
80	4.14	0.0	4.78	0.0	4.78	2.85	4.75	0.47
90	2.72	0.12	2.65	0.0	2.65	1.50	2.60	0.26
95	1.90	0.40	1.50	0.0	1.50	0.78	1.42	0.14
100	1.04	0.69	0.0	0.0	0.0	0.0	0.0	0.0
*33.2	.....	.....	10.00	0.0	10.00	0.0	.....	.....

Per cent of chord.	Ref. No. 119. Curtiss. Ordinates.		Ref. No. 120. DeH-2. Ordinates.		Ref. No. 121. DeH-3. Ordinates.		Ref. No. 122. F. 2. B. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.43	1.43	2.00	2.00	2.30	2.30	0.8	0.8
1.25	3.50	0.22	2.80	1.30	3.15	1.60	1.87	0.3
2.5	4.25	0.07	3.40	0.95	3.78	1.12	2.7	0.1
*5	5.21	0.04	4.33	0.58	4.67	0.50	4.0	0.0
7.5	5.86	0.18	4.93	0.45	5.26	0.20	4.92	0.03
10	6.30	0.40	5.36	0.38	5.63	0.10	5.7	0.1
15	6.84	0.73	5.83	0.43	6.10	0.0	6.8	0.5
20	7.21	0.90	6.10	0.60	6.35	0.07	7.3	1.0
30	7.40	0.90	6.45	0.83	6.53	0.38	7.6	1.7
40	7.21	0.83	6.50	0.86	6.57	0.57	7.6	1.6
50	6.83	0.73	6.44	0.87	6.47	0.57	7.3	1.4
60	6.13	0.52	5.73	0.77	6.03	0.50	6.1	1.1
70	5.28	0.42	5.31	0.62	5.35	0.35	5.8	0.8
80	4.08	0.28	4.07	0.43	4.20	0.17	4.5	0.4
*90	2.35	0.15	2.53	0.23	2.73	0.0	2.9	0.1
95	1.37	0.07	1.70	0.12	1.93	0.10	1.8	0.0
*100	0.13	0.13	0.40	0.40	0.70	0.70	0.3	0.3
*3.3	.....	0.0	.....	.....	.....	.....	.....	.....
*88.0	.....	.....	.....	.....	.....	0.0	.....	.....
*98.3	.....	0.0	.....	.....	.....	.....	.....	.....

Per cent of chord.	Ref. No. 123. Fairey. Ordinates.		Ref. No. 124. H. P. 166. Ordinates.		Ref. No. 125. H. P. 166a. Ordinates.		Ref. No. 126. H. P. 166b. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.13	0.13	0.70	0.70	0.0	0.0	0.0	0.0
*1.25	1.90	0.08	2.62	0.02	2.62	0.33	2.62	0.66
2.5	3.06	0.03	3.55	0.05	3.55	0.33	3.55	0.63
5	4.86	0.07	5.14	0.15	5.14	0.35	5.14	0.60
7.5	6.20	0.40	6.25	0.30	6.25	0.40	6.25	0.60
10	7.10	0.70	7.00	0.40	7.00	0.50	7.00	0.60
15	8.10	1.10	8.00	0.60	8.00	0.63	8.00	0.61
20	8.85	1.46	8.50	0.72	8.50	0.72	8.50	0.72
30	9.40	1.80	8.84	0.88	8.84	0.88	8.84	0.88
40	9.22	1.80	8.72	0.96	8.72	0.96	8.72	0.96
50	8.72	1.67	8.20	0.85	8.20	0.85	8.20	0.85
60	7.83	1.47	7.36	0.68	7.36	0.68	7.36	0.68
70	6.45	1.10	6.28	0.46	6.28	0.46	6.28	0.46
80	4.85	0.70	4.90	0.30	4.90	0.30	4.90	0.30
90	2.90	0.33	3.27	0.14	3.27	0.14	3.27	0.14
95	1.83	0.17	2.28	0.08	2.28	0.08	2.28	0.08
100	0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
*0.7	.....	.....	.....	0.0	.....	.....	.....	.....

Per cent of chord.	Ref. No. 127. H. P. 166c. Ordinates.		Ref. No. 128. N. P. L. 4. Ordinates.		Ref. No. 129. N. P. L. 4a. Ordinates.		Ref. No. 130. N. P. L. 4b. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25	2.62	0.94	2.30	0.0	2.3	0.46	2.30	0.92
2.5	3.55	0.88	3.73	0.0	3.73	0.746	3.73	1.49
5	5.14	0.75	5.70	0.0	5.70	1.14	5.70	2.28
7.5	6.25	0.71	7.13	0.0	7.13	1.43	7.13	2.85
10	7.00	0.70	8.00	0 0	8.00	1.60	8.00	3.20
15	8.00	0.70	9.10	0.0	9.10	1.82	9.10	3.64
20	8.50	0.72	9.70	0.0	9.70	1.94	9.70	3.88
30	8.84	0.88	9.90	0.0	9.90	1.98	9.90	3.96
40	8.72	0.96	9.70	0.0	9.70	1.94	9.70	3.88
50	8.20	0.85	8.80	0.0	8.80	1.76	8.80	3.52
60	7.36	0.68	7.80	0.0	7.80	1.56	7.80	3.12
70	6.28	0.46	6.30	0.0	6.30	1.26	6.30	2.92
80	4.90	0.30	4.50	0.0	4.50	0.90	4.50	1.80
90	3.27	0.14	2.50	0.0	2.50	0.50	2.50	1.00
95	2.28	0.08	1.40	0.0	1.40	0.28	1.40	0.56
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Per cent of chord.	Ref. No. 131. N. P. L. 4c. Ordinates.		Ref. No. 132. N. P. L. 4cα. Ordinates.		Ref. No. 133. N. P. L. 4cβ Ordinates.		Ref. No. 134. N. P. L. 4cγ. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	1.50	1.50	2.39	2.39	3.90	3.90
1.25	2.3	1.38	3.50	0.0.	4.30	0.32	6.60	1.00
2.5	3.73	2.24	4.60	0.25	5.35	0.0	7.50	0.25
5	5.70	3.42	6.20	1.90	6.90	0.58	8.30	0.15
7.5	7.13	4.28	7.30	3.25	7.90	2.20	8.86	1.64
10	8.00	4.80	8.10	4.10	8.50	3.60	9.20	3.30
15	9.10	5.46	9.20	5.20	9.26	5.00	9.56	4.20
20	9.70	5.82	9.70	5.80	9.70	5.60	9.80	5.03
30	9.90	5.95	9.90	5.90	9.90	5.90	9.90	5.90
40	9.70	5.82	9.70	5.80	9.70	5.80	9.70	5.80
50	8.80	5.28	8.80	5.30	8.80	5.30	8.80	5.30
60	7.80	4.68	7.80	4.70	7.80	4.70	7.80	4.70
70	6.30	3.78	6.30	3.80	6.30	3.80	6.30	3.80
80	4.50	2.70	4.50	2.70	4.50	2.70	4.50	2.70
90	2.50	1.50	2.50	1.50	2.50	1.50	2.50	1.50
95	1.40	0.84	1.40	0.80	1.40	0.80	1.40	0.80
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Per cent of chord.	Ref. No. 135. N. P. L. 73. Ordinates.		Ref. No. 136. N. P. L. 214. Ordinates.		Ref. No. 137. Portholme. Ordinates.		Ref. No. 138. Scout E. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.50	0.50	0.0	0.0	1.00	1.00	1.10	1.10
1.25	2.80	0.0	2.20	0.31	2.15	+0.40	2.50	0.50
2.5	3.95	0.08	3.50	0.70	3.00	0.12	3.50	0.20
5	5.40	0.20	5.25	1.25	4.30	0.02	4.90	0.0
7.5	6.28	0.34	6.58	1.70	5.08	−0.04	5.82	0.02
10	6.90	0.40	7.50	2.09	5.80	−0.10	6.40	0.10
15	7.95	0.60	8.78	2.70	6.70	−0.20	7.10	0.40
20	8.50	0.80	9.51	3.25	7.20	−0.27	7.40	0.70
30	8.80	1.00	9.99	3.90	7.50	−0.35	7.50	1.10
40	8.70	1.00	9.84	3.60	7.34	−0.30	7.30	1.20
50	8.30	0.90	9.21	3.20	6.93	−0.25	7.00	1.10
60	7.30	0.70	7.92	2.55	6.30	−0.20	6.50	0.80
70	6.20	0.50	6.39	1.98	5.50	−0.12	5.60	0.40
80	5.00	0.30	4.73	1.30	4.30	−0.10	4.30	0.20
90	3.30	0.10	2.72	0.67	2.60	−0.05	2.90	0.0
95	2.10	0.05	1.65	0.32	1.65	−0.02	2.00	0.0
*100	0.40	0.40	0.50	0.0	0.20	+0.02	0.30	0.30
*97.5	.....	.....	.....	.....	.....	0.0	.....	.....

Per cent of chord.	Ref. No. 139 Sopwith. Ordinates.		Ref. No. 140. White. Ordinates.		Ref. No. 141. C. & L.—A. 1. Ordinates.		Ref. No. 142. C. & L.—A. 2. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.80	0.80	0.58	0.58	Rad.=1.04.		Rad.=1.04.	
1.25	2.40	0.20	2.33	0.02	2.15	0.0	2.167	0.0
*2.5	3.15	0.05	3.23	0.16	2.40	0.0	2.45	0.0
5	4.30	0.0	4.55	0.70	2.97	0.0	3.07	0.0
7.5	5.20	0.0	5.50	1.13	3.46	0.0	3.57	0.0
10	5.90	0.0	6.20	1.55	3.91	0.0	4.08	0.0
15	7.00	0.25	7.20	2.20	4.75	0.0	5.01	0.0
20	7.80	0.55	7.67	2.68	5.49	0.0	5.77	0.0
30	8.60	1.10	7.70	3.22	6.64	0.0	7.00	0.0
40	8.40	1.00	6.83	3.48	7.30	0.0	7.73	0.0
50	7.80	0.70	5.70	3.30	7.50	0.0	8.00	0.0
60	7.00	0.30	7.81	2.90	7.30	0.0	7.73	0.0
70	5.80	0.0	7.10	2.40	6.64	0.0	7.00	0.0
80	4.40	0.0	5.42	1.76	5.49	0.0	5.77	0.0
90	2.80	0.0	3.26	0.91	3.91	0.0	4.08	0.0
95	1.80	0.0	2.05	0.46	2.97	0.0	3.07	0.0
*100	0.60	0.60	0.24	0.24	Rad.=1.04.		Rad.=1.04.	
*1.5	.....	.....	2.59	0.0	.....	.....	.....	.....
*99.6	.....	.....	0.88	0.0	.....	.....	.....	.....

Per cent of chord.	Ref. No. 143. C. & L.—A. 3. Ordinates.		Ref. No. 144. C. & L.—A. 4. Ordinates.		Ref. No. 145. C. & L.—A. 5. Ordinates.		Ref. No. 146 C. & L.—A. 6. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	Rad.=1.04.		Rad.=1.04.		Rad.=1.04.		Rad.=1.04.	
1.25	2.184	0.0	2.20	0.0	2.30	0.0	2.40	0.0
2.5	2.50	0.0	2.56	0.0	2.75	0.0	3.10	0.0
5	3.19	0.0	3.37	0.0	3.75	0.0	4.50	0.0
7.5	3.80	0.0	4.08	0.0	4.65	0.0	5.83	0.0
10	4.44	0.0	4.79	0.0	5.54	0.0	7.07	0.0
15	5.51	0.0	6.00	0.0	7.05	0.0	9.21	0.0
20	6.44	0.0	7.07	0.0	8.42	0.0	11.07	0.0
30	7.88	0.0	8.71	0.0	10.43	0.0	13.84	0.0
40	8.72	0.0	9.67	0.0	11.62	0.0	15.45	0.0
50	9.00	0.0	10.00	0.0	12.00	0.0	16.00	0.0
60	8.72	0.0	9.67	0.0	11.62	0.0	15.45	0.0
70	7.88	0.0	8.71	0.0	10.43	0.0	13.84	0.0
80	6.44	0.0	7.07	0.0	8.42	0.0	11.07	0.0
90	4.44	0.0	4.79	0.0	5.54	0.0	7.07	0.0
95	3.19	0.0	3.37	0.0	3.75	0.0	4.50	0.0
100	Rad.=1.04.		Rad.=1.04.		Rad.=1.04.		Rad.=1.04.	

Per cent of chord.	Ref. No. 147. C. & L.—A. 7. Ordinates.		Ref. No. 148. C. & L.—B. 1. Ordinates.		Ref. No. 149. C. & L.—B. 2. Ordinates.		Ref. No. 150. C. & L.—B. 3. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	Rad.=1.04.		Rad.=1.04.		Rad.=1.04.		Rad.=1.04.	
1.25	2.50	0.0	2.20	0.0	2.30	0.0	2.30	0.0
2.5	3.50	0.0	2.60	0.0	2.70	0.0	2.80	0.0
5	5.42	0.0	3.28	0.0	3.40	0.0	3.65	0.0
7.5	7.14	0.0	3.91	0.0	4.08	0.0	4.44	0.0
10	8.76	0.0	4.45	0.0	4.75	0.0	5.15	0.0
15	11.53	0.0	5.49	0.0	5.77	0.0	6.44	0.0
20	13.87	0.0	6.28	0.0	6.65	0.0	7.45	0.0
30	17.36	0.0	7.30	0.0	7.73	0.0	8.72	0.0
*40	19.34	0.0	.....	.....	.....	.....	.....	.....
50	20.00	0.0	7.30	0.0	7.73	0.0	8.72	0.0
60	19.34	0.0	6.85	0.0	7.15	0.0	8.10	0.0
70	17.36	0.0	6.00	0.0	6.30	0.0	7.05	0.0
80	13.87	0.0	4.90	0.0	5.15	0.0	5.70	0.0
90	8.76	0.0	3.55	0.0	3.70	0.0	3.95	0.0
95	5.42	0.0	2.75	0.0	2.85	0.0	2.95	0.0
100	Rad.=1.04.		Rad.=1.04.		Rad.=1.04.		Rad.=1.04.	
*37.5	.....	.....	7.50	0.0	8.00	0.0	9.00	0.0

Per cent of chord.	Ref. No. 151. C. & L.—B. 4. Ordinates.		Ref. No. 152. C. & L.—B. 5. Ordinates.		Ref. No. 153. C. & L.—B. 6. Ordinates.		Ref. No. 154. C. & L.—B. 7. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	Rad.=1.04.		Rad.=1.04.		Rad.=1.04.		Rad.=1.04.	
1.25	2.30	0.0	2.45	0.0	2.64	0.0	2.80	0.0
2.5	2.80	0.0	3.10	0.0	3.55	0.0	4.15	0.0
5	3.80	0.0	4.35	0.0	5.35	0.0	6.55	0.0
7.5	4.79	0.0	5.54	0.0	7.07	0.0	8.75	0.0
10	5.60	0.0	6.55	0.0	8.50	0.0	10.65	0.0
15	7.07	0.0	8.42	0.0	11.07	0.0	13.87	0.0
20	8.20	0.0	9.84	0.0	13.00	0.0	16.25	0.0
30	9.67	0.0	11.62	0.0	15.45	0.0	19.34	0.0
*40	.....	.....	.....	.....	.....	.....	.....	.....
50	9.67	0.0	11.62	0.0	15.45	0.0	19.34	0.0
60	8.90	0.0	10.70	0.0	14.20	0.0	17.88	0.0
70	7.75	0.0	9.30	0.0	12.20	0.0	15.45	0.0
80	6.20	0.0	7.30	0.0	9.60	0.0	11.95	0.0
90	4.25	0.0	4.85	0.0	6.00	0.0	7.50	0.0
95	3.10	0.0	3.40	0.0	3.95	0.0	4.72	0.0
100	Rad.=1.04.		Rad.=1.04.		Rad.=1.04.		Rad.=1.04.	
*37.5	10.00	0.0	12.00	0.0	16.00	0.0	20.00	0.0

Per cent of chord.	Ref. No. 155. Eiffel 8. Ordinates.		Ref. No. 156. Eiffel 9. Ordinates.		Ref. No. 157. Eiffel 10. Ordinates.		Ref. No. 158. Eiffel 11. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	3.60	3.60	2.73	0.0	1.33 thick.	0.0
1.25	0.66	0.12	6.35	1.0	2.96	0.32		0.20
2.5	1.24	0.32	7.28	0.22	3.23	0.60		0.40
*5	2.40	0.70	8.60	0.21	3.75	1.17		0.80
7.5	3.55	1.10	9.60	1.73	4.23	1.70		1.20
10	4.55	1.40	10.45	3.25	4.68	2.23		1.60
15	6.62	2.18	11.80	5.75	5.50	3.15		2.30
20	8.45	3.00	12.70	7.35	6.14	3.90		3.00
30	10.20	3.80	13.70	8.45	7.01	4.86		3.96
40	10.65	4.05	13.75	8.33	7.18	5.27		4.12
50	10.20	3.85	12.83	7.70	6.93	5.18		3.64
60	9.18	3.50	11.25	6.70	6.23	4.56		2.93
70	7.45	2.80	9.10	5.45	5.10	3.70		2.19
80	5.26	1.95	6.64	4.00	3.70	2.55		1.46
90	2.75	1.00	3.65	2.06	2.20	1.27		0.76
95	1.43	0.45	2.12	1.30	1.43	0.65		0.35
100	0.0	0.0	0.50	0.0	0.64	0.0		0.0
*3.75	.....	.....	.....	0.0	.....	.....		.....

Per cent of chord.	Ref. No. 159. Eiffel 12. Ordinates.		Ref. No. 160. Eiffel 13. Ordinates.		Ref. No. 161. Eiffel 13 bis. Ordinates.		Ref. No. 162. Eiffel 14. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.53	0.53	0.80	.80	0.70	0.70	1.25	1.25
1.25	1.48	0.10	2.88	0.12	2.06	0.16	2.75	0.0
2.5	1.60	0.16	4.20	0.88	2.85	0.45	3.28	0.15
5	1.84	0.30	6.10	2.10	4.15	1.50	4.20	0.60
7.5	2.08	0.43	7.40	3.60	5.10	1.58	4.95	1.05
10	2.30	0.53	8.30	3.80	5.83	2.05	5.60	1.40
15	2.68	0.65	9.30	4.90	6.90	2.80	6.60	2.10
20	2.85	0.74	9.70	5.65	7.58	3.35	7.25	2.73
30	3.10	0.85	9.75	6.10	8.00	3.65	7.78	3.80
40	3.05	0.84	9.40	5.93	7.40	3.22	7.55	4.27
50	2.95	0.75	8.60	5.45	6.45	2.73	6.95	4.30
60	2.80	0.60	7.43	4.60	5.40	2.13	6.05	3.90
70	2.50	0.48	5.95	3.50	4.28	1.58	4.90	3.30
80	1.96	0.30	4.25	2.33	3.10	1.04	3.50	2.40
90	1.05	0.14	2.48	1.16	1.95	0.45	2.00	1.25
95	0.68	0.06	1.56	0.58	1.31	0.23	1.24	0.60
100	0.30	0.0	0.55	0.0	0.65	0.0	0.45	0.0

Per cent of chord.	Ref. No. 163. Eiffel 15. Ordinates.		Ref. No. 164. Eiffel 16. Ordinates.		Ref. No. 165. Eiffel 16a. Ordinates.		Ref. No. 166. Eiffel 16b. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower	Upper.	Lower.
0	1.90	1.90	0.0	0.0	0.0	0.0	0.0	0.0
1.25	3.37	0.32	1.00	0.0	1.74	0.0	3.10	0.0
2.5	3.60	0.06	1.85	0.0	2.86	0.0	5.05	0.0
5	3.86	0.15	3.17	0.0	4.80	0.0	7.87	0.0
7.5	3.93	0.26	4.24	0.0	6.36	0.0	9.80	0.0
10	3.95	0.37	5.15	0.0	7.70	0.0	11.22	0.0
15	3.82	0.43	6.30	0 0	9.38	0.0	12.83	0.0
20	3.60	0.34	6.66	0.0	9.99	0.0	13.32	0.0
30	3.13	0.0	6.25	0.0	9.63	0.0	13.05	0.0
40	2.92	0.16	5.33	0.0	8.66	0.0	11.99	0.0
50	2.90	0.56	4.63	0.0	7.33	0.0	10.30	0.0
60	2.95	1.15	3.79	0.0	5.99	0.0	8.46	0.0
70	3.20	1.83	2.90	0.0	4.57	0.0	6.42	0.0
80	3.75	2.70	1.99	0.0	3.13	0.0	4.39	0.0
90	4.50	3.80	1.10	0.0	1.76	0.0	2.42	0.0
95	4.94	4.42	0.65	0.0	1.05	0.0	1.43	0.0
100	5.40	5.10	0.0	0.0	0.0	0.0	0.0	0.0

Per cent of chord.	Ref. No. 167. Eiffel 16c. Ordinates.		Ref. No. 168. Eiffel 16d. Ordinates.		Ref. No. 169. Eiffel 17. Ordinates.		Ref. No. 170. Eiffel 18. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.0	0.0	0.0	0.0	-------	-------
1.25	4.75	0.0	7.25	0.0	0.83	0.0	-------	-------
2.5	7.20	0.0	10.15	0.0	1.25	0.0	-------	-------
5	10.57	0.0	13.65	0.0	2.06	0.0	-------	-------
7.5	12.80	0.0	15.93	0.0	2.80	0.0	-------	-------
10	14.38	0.0	17.56	0.0	3.53	0.0	-------	-------
15	16.10	0.0	19.42	0.0	4.75	0.0	-------	-------
20	16.65	0.0	19.99	0.0	5.66	0.0	6.65	0.0
30	16.05	0.0	19.37	0.0	6.54	0.0	6.50	0.0
40	14.66	0.0	17.99	0.0	6.54	0.0	6.10	0.0
50	12.86	0.0	15.83	0.0	6.00	0.0	5.35	0.0
60	10.66	0.0	12.99	0.0	5.30	0.0	4.35	0.0
70	8.00	0.0	9.83	0.0	4.18	0.0	3.35	0.0
80	5.33	0.0	6.66	0.0	3.00	0.0	2.35	0.0
90	2.84	0.0	3.50	0.0	1.75	0.0	1.40	0.0
95	1.56	0.0	1.90	0.0	1.10	0.0	0.90	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.40	0.0

Per cent of chord.	Ref. No. 171. Eiffel 30. Ordinates.		Ref. No. 172. Eiffel 31. Ordinates.		Ref. No. 173. Eiffel 32. Ordinates.		Ref. No. 174. Eiffel 33. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.20	0.0	0.0	0.0	1.00	1.00	1.10	0.0
1.25	0.73	0.17	0.68	0.26	2.00	0.37	2.80	0.0
2.5	1.33	0.40	1.33	0.55	2.67	0.18	3.63	0.10
5	2.45	0.82	2.53	1.07	3.75	0.0	5.00	0.43
7.5	3.52	1.20	3.65	1.56	4.65	0.24	6.07	0.77
10	4.60	1.60	4.75	2.00	5.35	0.64	6.93	1.12
15	6.50	2.36	6.85	2.84	6.56	1.50	8.20	1.80
20	8.16	3.06	8.67	3.50	7.36	2.24	8.88	2.36
30	10.50	4.08	10.90	4.55	7.92	2.93	9.27	2.98
40	11.12	4.40	11.40	4.75	7.26	2.70	9.00	3.35
50	10.60	4.43	11.20	4.66	5.93	1.96	8.15	3.30
60	9.28	4.08	9.86	4.15	4.50	1.13	7.10	2.94
70	7.40	3.37	8.10	3.34	3.33	0.54	5.76	2.39
80	5.30	2.44	5.80	2.35	2.36	0.26	4.16	1.68
90	2.84	1.24	3.10	1.20	1.50	0.0	2.33	0.93
95	1.58	0.63	1.72	0.60	1.20	0.10	1.38	0.45
100	0.20	0.0	0.0	0.0	0.70	0.70	0.43	0.0

Per cent of chord.	Ref. No. 175.		Ref. No. 176.		Ref. No. 177.		Ref. No. 178.	
	Eiffel 34.		Eiffel 35.		Eiffel 36.		Eiffel 37.	
	Ordinates.							
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.50	0.50	0.90	0.90	0.70	0.70	3.00	3.00
1.25	1.65	0.10	2.28	0.08	1.90	0.23	3.60	1.80
2.5	2.30	0.41	2.66	0.26	2.84	0.05	4.06	1.00
*5	3.62	1.06	3.33	0.95	4.30	0.04	4.88	0.18
7.5	4.90	1.67	4.03	1.56	5.28	0.15	5.60	0.02
10	6.13	2.20	4.66	2.00	6.05	0.35	6.28	0.30
15	8.25	3.45	5.76	2.76	7.05	0.76	7.25	1.06
20	10.00	4.45	6.66	3.33	7.80	1.15	7.95	2.00
30	11.90	5.40	7.70	4.32	8.66	1.78	8.50	3.30
40	12.40	5.70	8.00	4.74	8.78	2.10	8.24	3.96
50	11.50	5.20	7.95	5.00	8.40	2.30	7.60	4.10
60	9.82	4.20	7.34	4.74	7.46	2.15	6.76	3.95
70	7.95	3.30	6.22	4.33	5.92	1.86	5.55	3.50
80	5.85	2.30	4.24	3.00	4.23	1.33	4.00	2.65
90	3.56	1.20	2.16	1.40	2.34	0.70	2.33	1.50
95	2.32	0.63	1.16	0.67	1.40	0.40	1.40	0.83
100	1.00	0.0	0.10	0.10	0.40	0.0	0.0	0.0
*4.4	.....	.....	.....	.....	.....	0.0	.....	.....

Per cent of chord.	Ref. No. 179.		Ref. No. 180.		Ref. No. 181.		Ref. No. 182.	
	Eiffel 38.		Eiffel 39.		Eiffel 40.		Eiffel 41.	
	Ordinates.							
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.50	0.50	0.40	0.0	0.35	0.0	0.10	0.0
1.25	1.65	0.0	0.94	0.0	0.90	0.03	1.10	0.15
2.5	2.46	0.0	1.75	0.0	1.67	0.23	3.00	0.30
5	3.76	0.20	4.50	0.0	3.50	0.03	4.00	0.70
7.5	4.75	0.60	9.55	0.0	4.25	1.06	4.65	1.10
10	5.62	1.22	11.22	0.0	4.95	1.45	5.20	1.45
15	6.88	2.43	12.83	0.0	6.10	2.13	6.40	2.06
20	7.74	3.22	13.32	0.0	6.95	2.62	6.75	2.60
30	8.70	4.32	13.05	0.0	7.63	3.05	7.65	3.65
40	8.70	4.52	11.99	0.0	7.70	3.18	7.68	3.92
50	8.32	4.13	10.30	0.0	7.50	3.05	7.35	4.00
60	7.55	3.35	8.46	0.0	6.75	2.76	6.54	3.64
70	6.13	2.60	6.42	0.0	5.62	2.16	5.46	3.00
80	4.65	1.80	4.39	0.0	4.23	1.42	4.16	2.10
90	2.85	0.94	2.42	0.0	2.54	0.70	2.35	1.06
95	1.85	0.50	1.43	0.0	1.68	0.30	1.34	0.54
100	1.25	0.0	0.0	0.0	0.70	0.0	0.50	0.0

Per cent of chord.	Ref. No. 183.		Ref. No. 184.		Ref. No. 185.		Ref. No. 186.	
	Eiffel 42.		Eiffel 43.		Eiffel 44.		Eiffel 45.	
	Ordinates.							
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.13	0.0	0.13	0.0	1.05	1.05	1.38	1.38
1.25	1.08	0.25	1.08	0.25	2.10	0.0	3.74	0.02
2.5	2.80	0.50	2.80	0.50	2.20	0.05	4.72	0.0
5	6.15	0.93	6.15	0.93	2.45	0.23	5.62	0.03
7.5	7.54	1.33	7.54	1.33	2.73	0.45	6.45	0.48
10	8.68	1.68	8.68	1.68	3.13	0.78	7.20	1.32
15	10.24	2.30	10.24	2.30	4.23	1.77	7.95	3.27
20	10.90	2.90	10.90	2.90	6.30	2.93	8.30	4.10
30	10.90	3.64	10.90	3.64	9.08	4.00	8.55	4.37
40	10.47	3.84	10.47	3.84	8.70	3.90	8.10	4.06
50	9.55	3.90	9.55	3.90	7.80	3.35	7.33	3.75
60	8.30	3.63	8.30	3.63	6.16	2.45	6.25	3.18
70	6.75	3.14	6.75	3.14	4.22	1.45	5.10	2.46
80	4.86	2.25	4.86	2.25	2.45	0.67	3.80	1.68
90	2.86	1.20	2.86	1.20	1.14	0.14	2.26	0.83
95	1.73	0.55	1.73	0.55	0.63	0.02	1.44	0.40
100	0.53	0.0	0.53	0.0	0.30	0.0	0.60	0.0

Per cent of chord.	Ref. No. 187.		Ref. No. 188.		Ref. No. 189.		Ref. No. 190.	
	Eiffel 46.		Eiffel 47.		Eiffel 48.		Eiffel 49.	
	Ordinates.							
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.25	1.25	0.75	0.75	0.60	0.60	0.40	0.40
1.25	2.30	0.08	2.35	0.06	2.55	0.14	2.12	0.0
2.5	3.24	0.0	3.30	0.30	3.78	0.38	2.86	0.13
5	5.07	0.32	4.93	0.78	5.40	0.80	4.00	0.56
7.5	6.30	1.05	6.23	1.20	6.30	1.17	4.78	0.95
10	6.96	1.90	7.12	1.60	6.65	1.50	5.38	1.30
15	9.30	3.40	8.16	2.26	6.42	2.03	6.10	1.90
20	10.60	4.70	8.68	2.75	6.08	2.40	6.26	2.27
30	10.93	6.10	8.30	3.38	5.25	2.85	5.58	2.75
*40	10.40	6.40	7.45	3.85	7.82	2.95	6.64	2.95
50	9.24	6.00	6.03	4.00	7.40	2.80	6.53	2.94
60	7.65	4.8	8.93	3.75	5.56	2.45	5.53	2.80
*70	5.75	3.32	7.95	3.15	5.85	2.00	5.40	2.40
80	3.65	1.76	5.90	2.20	6.53	1.43	5.55	1.66
90	1.70	0.60	3.70	1.16	4.10	0.78	3.75	0.85
95	1.00	0.16	2.45	0.56	2.72	0.40	2.37	0.40
100	0.50	0.0	1.15	0.0	1.30	0.0	0.85	0.0
*33.9	.....	.....	.....	.....	.....	.....	4.92	2.95
*66.82	.....	.....	.....	.....	.....	.....	4.28	2.31

Per cent of chord.	Ref. No. 191. Eiffel 52. Ordinates.		Ref. No. 192. Eiffel 53. Ordinates.		Ref. No. 193. Eiffel 54. Ordinates.		Ref. No. 194. Eiffel 55. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.70	0.70	0.30	0.30	0.60	0.60	0.67	0.67
1.25	2.00	0.30	1.82	0.14	1.70	0.11	1.32	0.20
2.5	3.00	0.20	2.82	0.30	2.50	0.0	1.56	0.13
5	4.40	0.05	4.33	0.66	3.75	0.05	2.00	0.03
7.5	5.43	0.07	5.36	1.00	4.70	0.15	2.36	0.0
10	6.20	0.30	6.14	1.35	5.40	0.30	2.70	0.0
15	7.33	1.00	7.15	1.83	6.35	0.62	3.30	0.02
20	8.10	1.85	7.85	2.10	6.70	0.80	3.75	0.06
30	9.13	3.00	8.70	2.70	6.50	1.00	4.44	0.28
40	9.54	3.50	8.86	2.80	6.00	1.17	4.92	0.40
50	9.40	3.54	8.55	2.60	5.25	1.15	5.10	0.22
60	8.60	2.65	7.40	2.40	4.50	1.05	4.95	0.08
70	6.96	1.57	5.76	1.30	3.60	0.54	4.38	0.03
80	4.53	0.58	3.97	0.60	2.65	0.06	3.55	0.01
90	2.00	0.03	2.10	0.13	1.90	0.21	2.45	0.0
95	1.26	0.0	1.35	0.04	1.71	0.56	1.80	0.03
100	0.65	0.0	0.50	0.0	1.65	1.00	0.70	0.70

Per cent of chord.	Ref. No. 195. Eiffel 56. Ordinates.		Ref. No. 196. Eiffel 57. Ordinates.		Ref. No. 197. Eiffel 58. Ordinates.		Ref. No. 198. Eiffel 59. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	8.00	8.00	4.10	4.10	0.60	0.60
1.25	0.70	−0.64	12.70	3.50	7.06	1.14	1.95	0.15
2.5	0.90	−0.66	14.72	2.00	7.90	0.35	2.83	0.45
5	1.30	−0.70	17.55	0.50	8.90	0.0	4.46	1.03
7.5	1.62	−0.77	19.30	0.0	9.56	0.0	5.90	1.53
10	1.90	−0.85	20.60	0.0	9.90	0.0	7.13	2.00
*15	2.36	−1.00	22.40	0.0	9.92	0.0	9.37	2.84
20	2.66	−1.13	23.12	0.0	9.50	0.0	10.87	3.50
30	2.85	−1.55	22.00	0.0	8.50	0.0	13.30	4.55
40	2.86	−1.92	19.74	0.0	7.50	0.0	14.20	4.75
50	2.85	−2.24	16.94	0.0	6.43	0.0	13.66	4.66
60	2.76	−2.35	13.90	0.0	5.27	0.0	12.13	4.15
70	2.50	−2.40	10.60	0.0	4.05	0.0	9.75	3.34
80	1.94	−2.20	7.20	0.0	2.85	0.0	7.07	2.35
90	1.32	−1.70	3.78	0.0	1.62	0.0	3.72	1.20
95	0.90	−1.20	2.05	0.0	1.00	0.0	2.05	0.60
100	0.0	0.0	0.35	0.0	0.20	0.20	0.30	0.0
*12.5	.....	.....	.....	.....	10.00	0.0	.....	.....

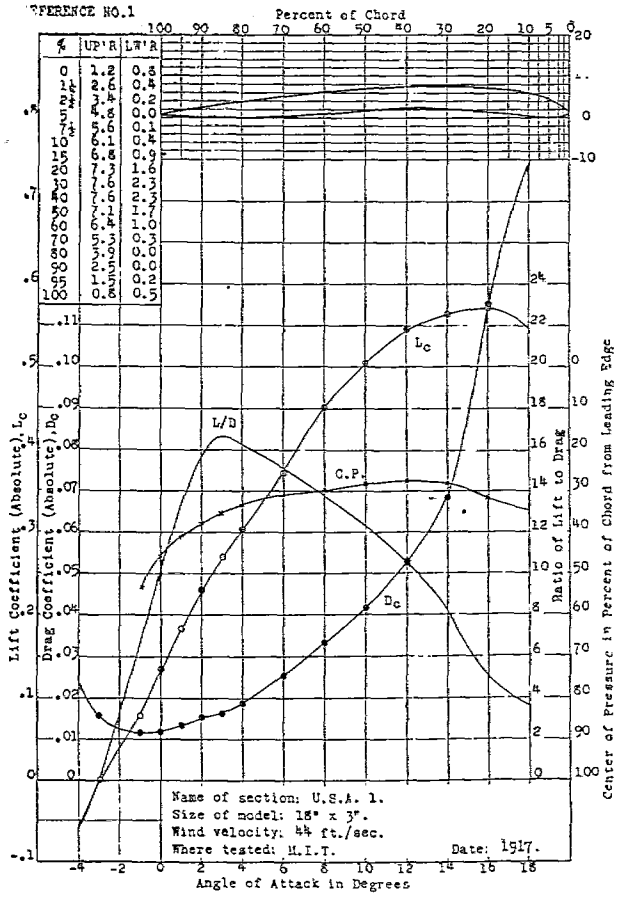
Per cent of chord.	Ref. No. 199. Eiffel 60. Ordinates.		Ref. No. 200. Eiffel 61. Ordinates.		Ref. No. 201. Eiffel 62. Ordinates.		Ref. No. 202. Dorand. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.60	0.60	0.60	0.60	0.60	0.60	1.00	1.00
1.25	2.22	0.15	2.30	0.15	2.40	0.15	2.25	0.03
2.5	3.37	0.45	3.73	0.45	3.94	0.45	2.70	0.23
5	5.50	1.03	6.18	1.03	6.80	1.03	3.50	0.63
7.5	7.28	1.53	8.33	1.53	9.34	1.53	4.25	1.06
10	8.87	2.00	10.26	2.00	11.70	2.00	4.95	1.45
15	11.57	2.84	13.63	2.84	15.56	2.84	6.10	2.13
20	13.73	3.50	16.40	3.50	18.60	3.50	6.95	2.62
30	16.55	4.55	19.87	4.55	23.00	4.55	7.63	3.05
40	17.73	4.75	21.06	4.75	24.53	4.75	7.70	3.18
50	16.84	4.66	19.85	4.66	23.00	4.66	7.50	3.05
60	15.00	4.15	17.33	4.15	19.90	4.15	6.75	2.76
70	12.15	3.34	13.65	3.34	16.00	3.34	5.62	2.16
80	8.73	2.35	9.67	2.35	11.33	2.35	4.23	1.42
90	4.65	1.20	5.15	1.20	6.03	1.20	2.54	0.70
95	2.50	0.60	2.75	0.60	3.20	0.60	1.68	0.30
100	0.35	0.0	0.40	0.0	0.40	0.0	0.70	0.0

Per cent of chord.	Ref. No. 203. Halbronn 2. Ordinates.		Ref. No. 204. Halbronn 3. Ordinates.		Ref. No. 205. S. E. A. Ordinates.		Ref. No. 206. St. Cyr. 1. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	2.73	2.73	0.75	0.75	0.90	0.90	0.25	0.25
1.25	3.72	1.35	1.70	0.25	2.00	0.50	0.70	0.0
2.5	4.52	0.66	2.36	0.0	2.80	0.33	0.96	0.0
5	5.66	0.0	3.39	0.0	4.05	0.08	1.45	0.0
7.5	6.55	0.0	4.30	0.08	4.90	0.0	1.88	0.0
10	7.27	0.0	4.99	0.18	5.55	0.10	2.26	0.0
15	8.00	0.10	5.90	0.40	6.45	0.35	2.76	0.0
20	8.30	0.37	6.41	0.56	6.95	0.65	3.00	0.0
30	8.48	0.66	6.78	0.94	7.30	1.00	3.10	0.0
40	8.12	0.75	6.60	1.22	7.20	0.95	3.10	0.0
50	7.36	0.66	6.02	0.94	6.90	0.65	3.10	0.0
60	6.42	0.48	5.18	0.66	6.27	0.27	3.10	0.0
70	5.28	0.23	4.20	0.37	5.42	0.12	3.10	0.0
80	4.20	0.09	3.15	0.19	4.10	0.08	3.00	0.0
90	2.64	0.0	1.85	0.0	2.25	0.03	2.11	0.0
95	1.63	0.15	1.15	0.05	1.20	0.0	1.38	0.0
100	0.47	0.47	0.47	0.19	0.0	0.0	0.25	0.25

Per cent of chord.	Ref. No. 207. St. Cyr. 2. Ordinates.		Ref. No. 208. St. Cyr. 3. Ordinates.		Ref. No. 209. Turin 1. Ordinates.		Ref. No. 210. Turin 2. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	1.10	1.10	2.30	2.30	0.65	0.65	0.60	0.60
1.25	2.00	0.25	3.65	1.25	1.85	0.0	1.80	0.05
2.5	2.45	0.0	4.60	0.60	2.52	0.10	2.55	0.15
5	3.25	0.50	5.85	0.0	3.60	0.30	3.80	0.55
7.5	3.85	1.10	6.60	0.40	4.42	0.60	4.65	0.95
10	4.25	1.70	7.20	1.00	5.00	0.90	5.25	1.30
15	5.05	2.50	8.00	2.10	5.55	1.35	5.80	1.75
20	5.65	3.00	8.50	3.10	5.75	1.60	6.07	2.00
30	6.40	3.50	9.35	4.60	5.80	1.70	6.20	2.10
40	6.25	3.25	9.85	5.25	5.70	1.60	5.90	1.75
50	5.75	2.85	9.80	5.20	5.15	1.35	5.50	1.40
60	4.95	2.40	9.40	4.45	4.28	0.80	4.82	1.10
70	4.00	1.90	8.20	3.30	3.30	0.40	3.95	0.70
80	2.90	1.25	5.85	1.95	2.35	0.0	3.15	0.50
90	1.70	0.65	2.90	0.40	1.40	0.0	1.90	0.20
95	1.10	0.30	1.85	0.0	1.00	0.0	1.29	0.05
100	0.30	0.30	1.00	1.00	0.40	0.40	0.40	0.40

Per cent of chord.	Ref. No. 211. Bleriot 3-pl. Ordinates.		Ref. No. 212. Italian 1. Ordinates.		Ref. No. 213. Italian 2. Ordinates.		Ref. No. 214. Italian 3. Ordinates.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
0	0.0	0.0	0.58	0.58	0.80	0.80	0.65	0.65
1.25	2.40	0.0	1.40	0.10	1.60	0.30	2.10	0.15
2.5	3.20	0.0	2.10	0.0	2.22	0.05	3.05	0.0
5	4.30	0.0	3.12	0.05	3.35	0.08	4.36	0.18
7.5	4.80	0.0	3.90	0.20	4.20	0.20	5.20	0.70
10	5.30	0.0	4.58	0.48	4.90	0.45	5.87	1.38
15	5.60	0.0	5.48	1.12	6.05	1.10	6.60	2.10
20	5.70	0.0	6.00	1.83	6.67	1.65	7.00	2.40
30	6.00	0.0	6.35	2.42	7.40	2.70	7.15	2.50
40	5.80	0.0	6.14	2.48	7.50	3.00	6.95	2.37
50	5.20	0.0	5.70	2.00	7.18	2.80	6.38	2.10
60	4.60	0.0	5.05	1.47	6.70	2.50	5.58	1.68
70	3.70	0.0	3.95	0.93	5.40	1.75	4.72	1.17
80	2.60	0.0	2.55	0.60	3.80	0.73	3.70	0.62
90	1.60	0.0	1.37	0.28	2.00	0.35	2.18	0.30
95	1.05	0.0	0.75	0.20	1.30	0.38	1.27	0.0
100	0.45	0.0	0.25	0.25	0.38	0.38	0.0	0.0

REFERENCE NO. 1



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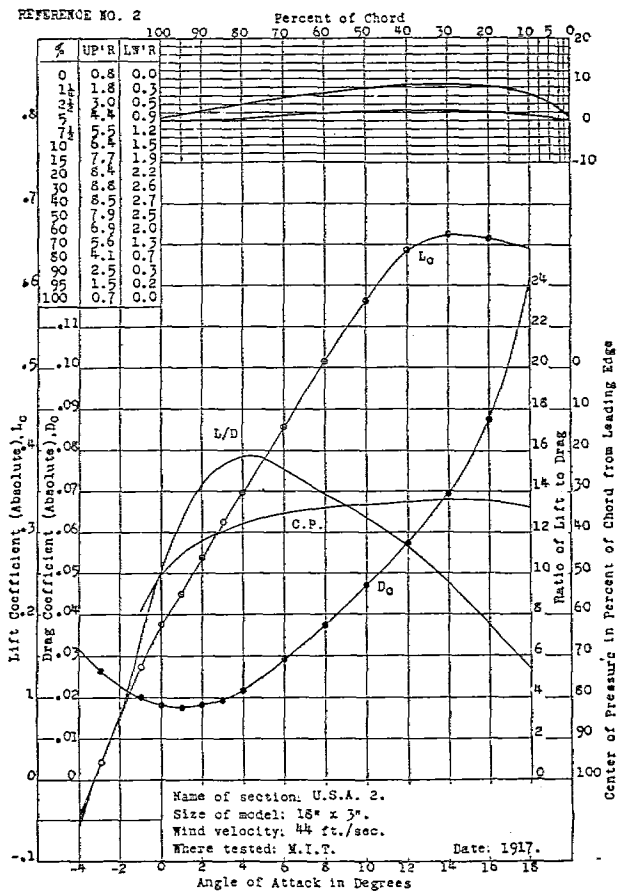

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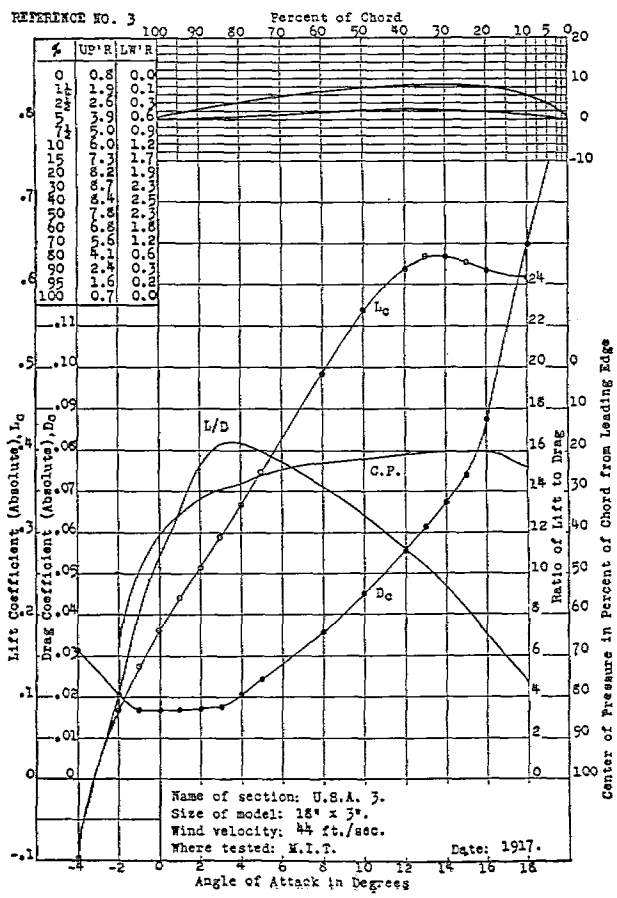

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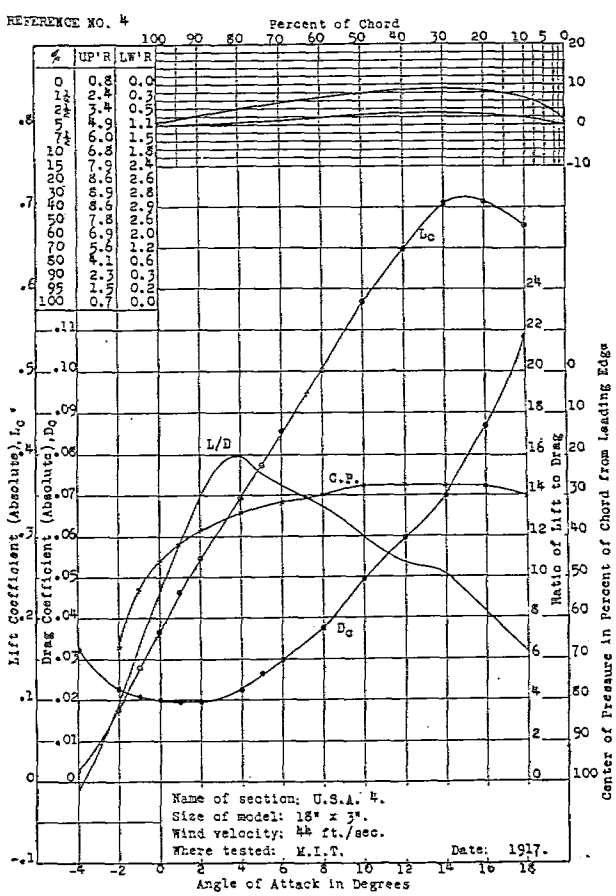

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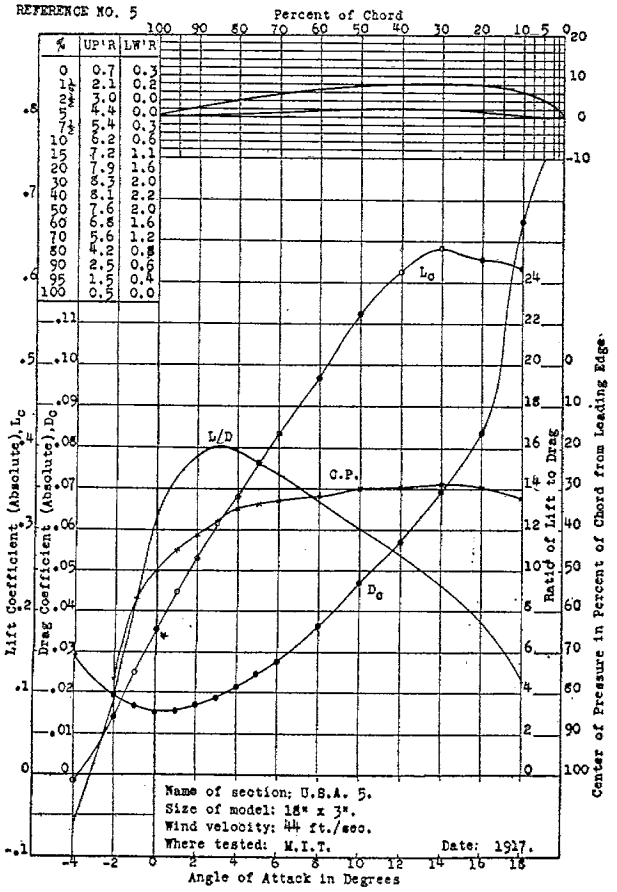

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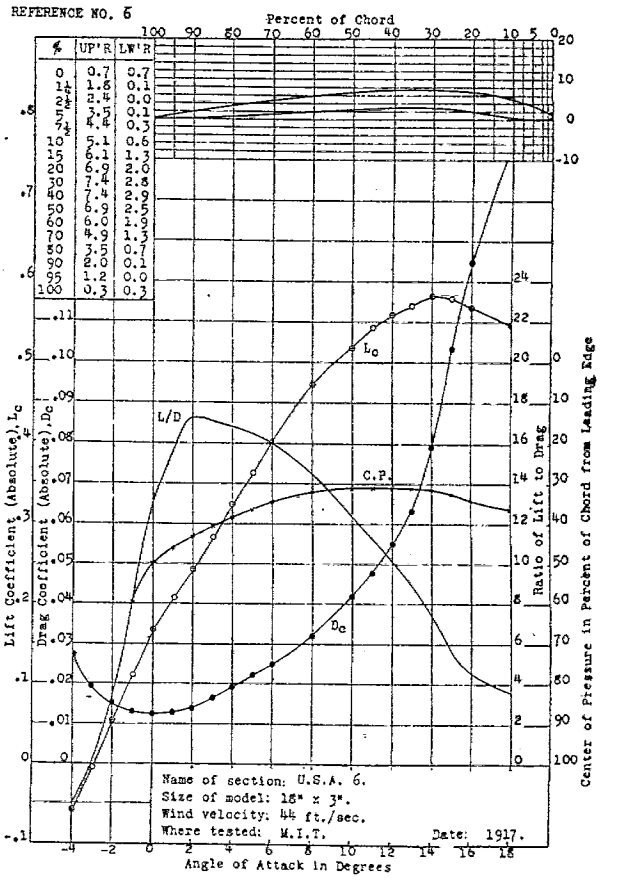

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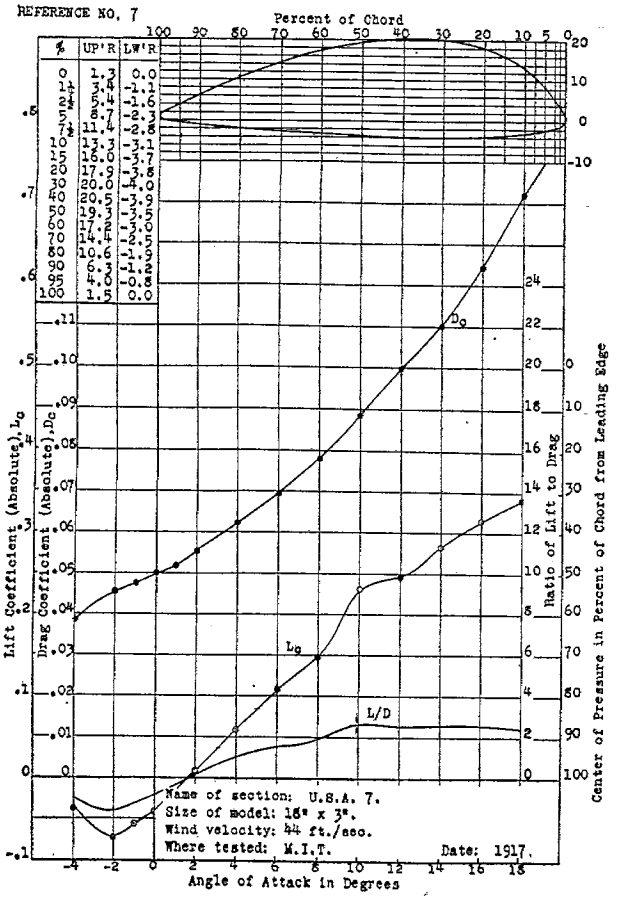
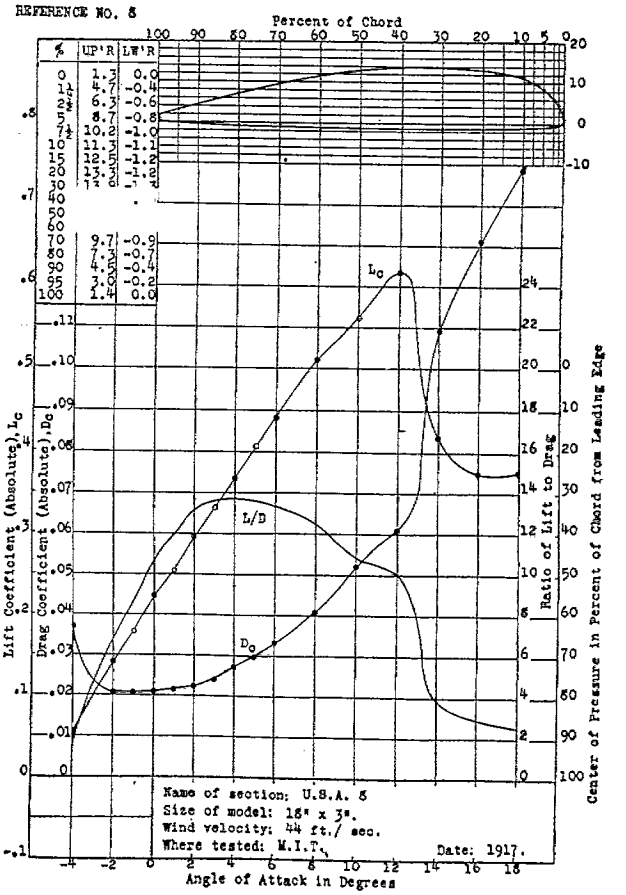
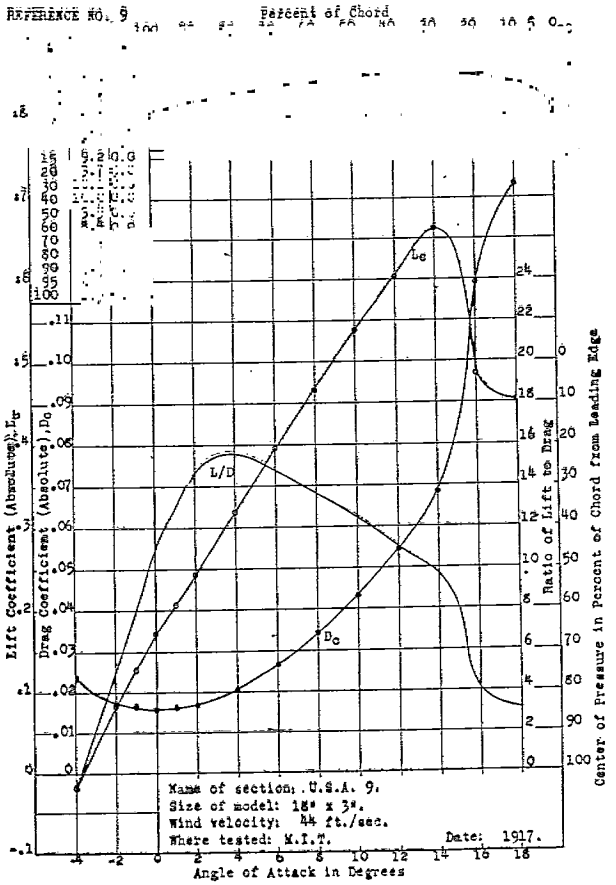


REFERENCE NO. 8



REFERENCE NO. 9



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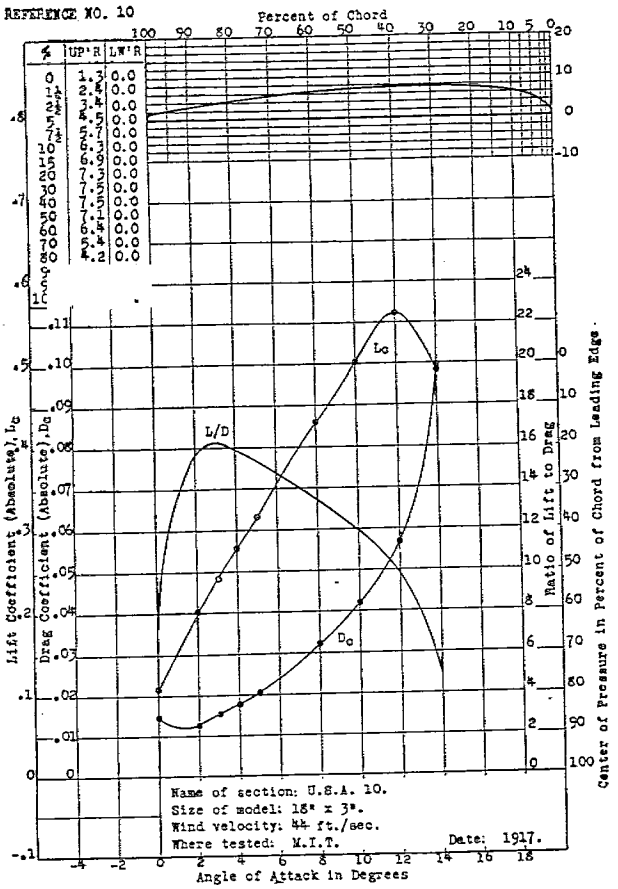
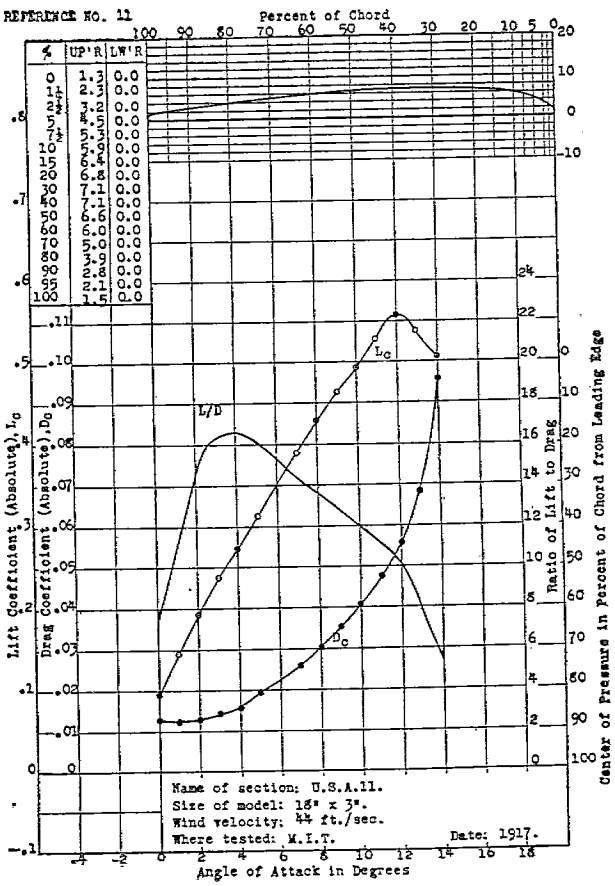


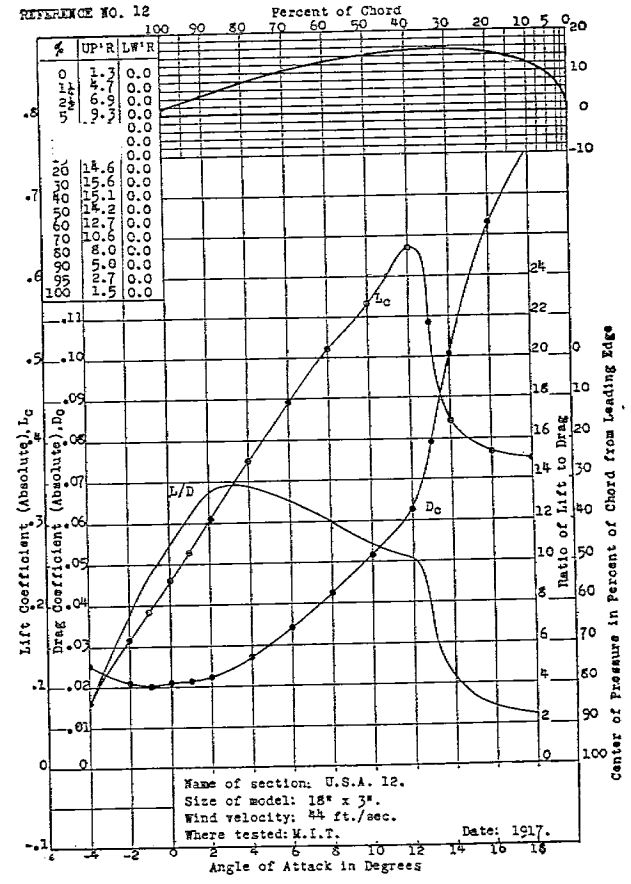
%	UP'R	LW'R
0	1.3	0.0
1	2.5	0.0
2	3.4	0.0
5	4.5	0.0
7	5.7	0.0
10	6.3	0.0
15	6.9	0.0
20	7.3	0.0
30	7.5	0.0
40	7.5	0.0
50	7.1	0.0
60	6.4	0.0
70	5.4	0.0
80	4.2	0.0

REFERENCE NO. 11



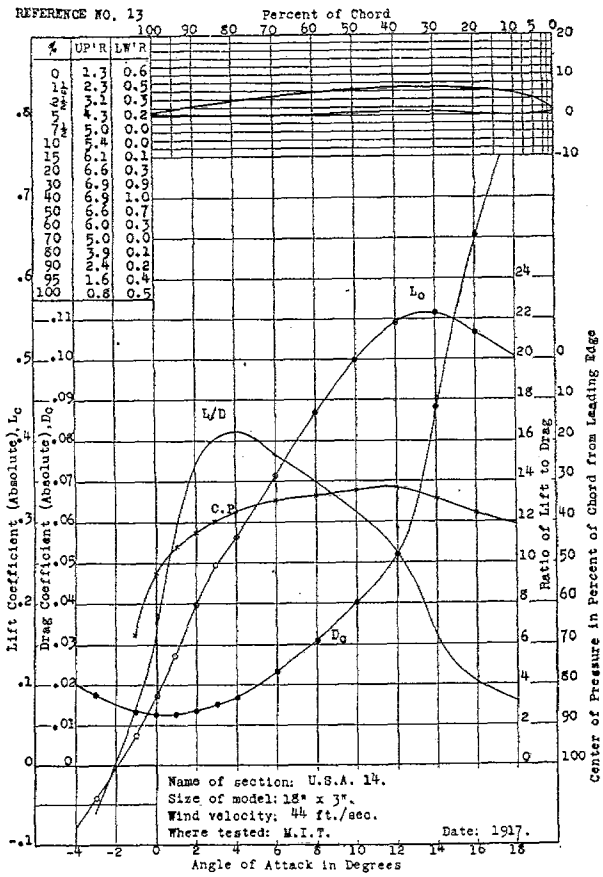
%	UP'R	LW'R
0	1.3	0.0
1	2.3	0.0
2	3.2	0.0
5	4.8	0.0
7	5.5	0.0
10	6.4	0.0
15	6.8	0.0
20	7.1	0.0
30	7.1	0.0
40	6.6	0.0
50	6.0	0.0
60	5.0	0.0
70	3.9	0.0
80	2.9	0.0
90	2.1	0.0
95	1.8	0.0
100	1.5	0.0

REFERENCE NO. 12



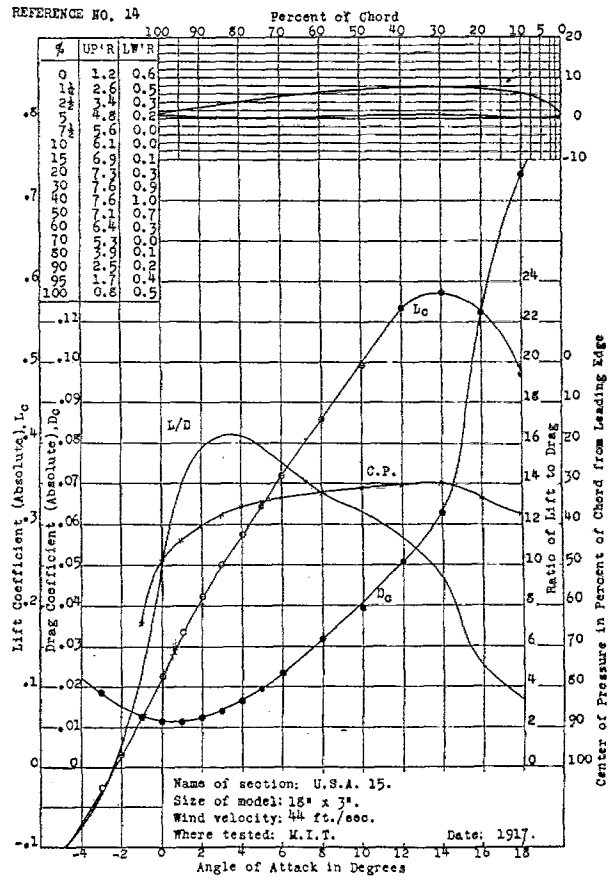
%	UP'R	LW'R
0	1.3	0.0
1	4.7	0.0
2	6.9	0.0
5	9.3	0.0
		0.0
		0.0
20	14.6	0.0
30	15.6	0.0
40	15.1	0.0
50	14.2	0.0
60	12.7	0.0
70	10.6	0.0
80	8.0	0.0
90	5.8	0.0
95	2.7	0.0
100	1.5	0.0

REFERENCE NO. 13



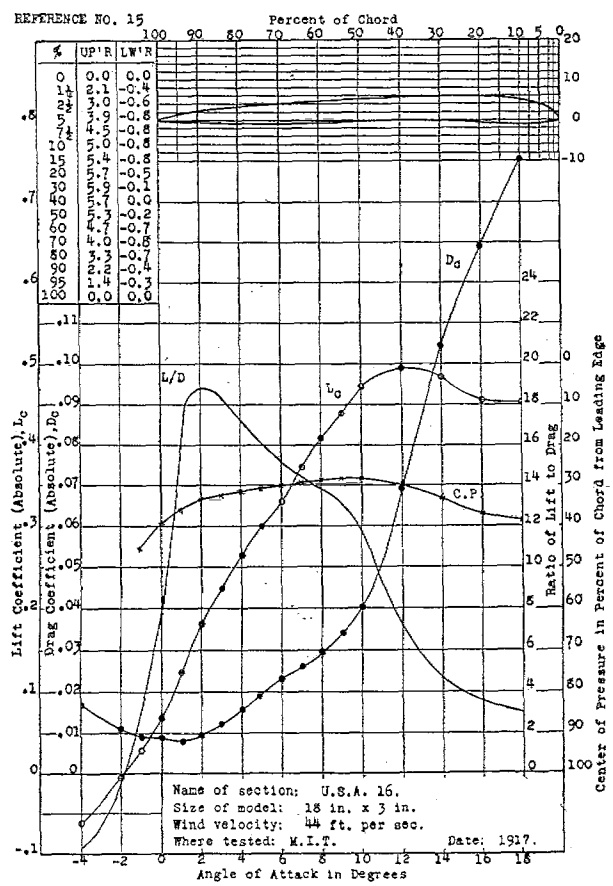
%	UP'R	LW'R
0	1.3	0.6
1¼	2.5	0.5
2½	3.2	0.3
5	4.3	0.2
7½	5.0	0.0
10	5.4	0.0
15	6.2	0.1
20	6.6	0.3
30	6.9	0.9
40	6.9	1.0
50	6.6	0.7
60	6.0	0.3
70	5.0	0.0
80	3.9	0.1
90	2.4	0.2
95	1.6	0.4
100	0.8	0.5

REFERENCE NO. 14



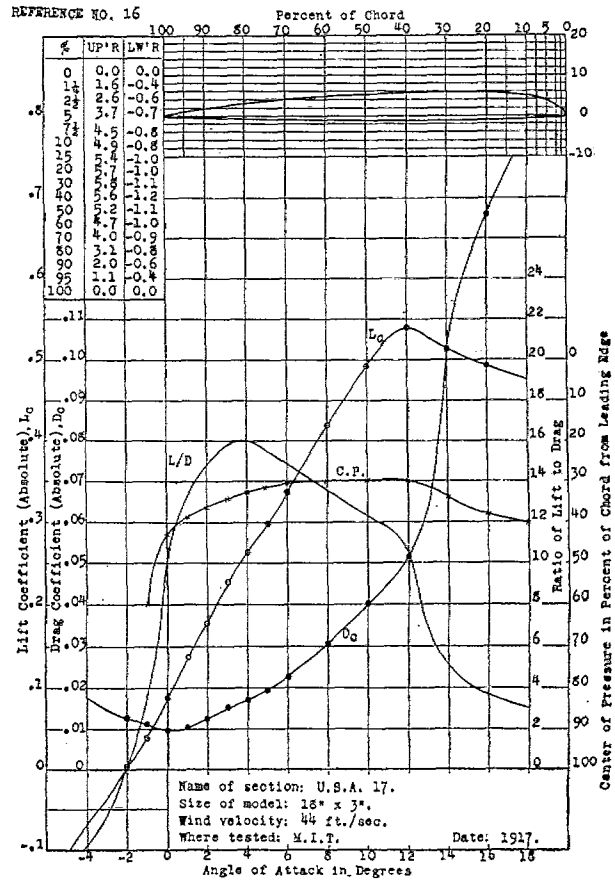
%	UP'R	LW'R
0	1.2	0.6
1¼	2.6	0.5
2½	3.4	0.3
5	4.8	0.2
7½	5.6	0.0
10	6.1	0.0
15	6.9	0.1
20	7.3	0.3
30	7.6	0.9
40	7.6	1.0
50	7.1	0.7
60	6.4	0.3
70	5.4	0.0
80	3.3	0.1
90	2.5	0.2
95	1.7	0.4
100	0.8	0.5

REFERENCE NO. 15



%	UP'R	LW'R
0	0.0	0.0
1¼	2.1	-0.4
2½	3.0	-0.6
5	3.9	-0.8
7½	4.5	-0.8
10	5.0	-0.8
15	5.4	-0.8
20	5.7	-0.5
30	5.9	-0.1
40	5.7	0.0
50	5.3	-0.2
60	4.7	-0.7
70	4.0	-0.8
80	3.3	-0.7
90	2.2	-0.4
95	1.4	-0.3
100	0.0	0.0

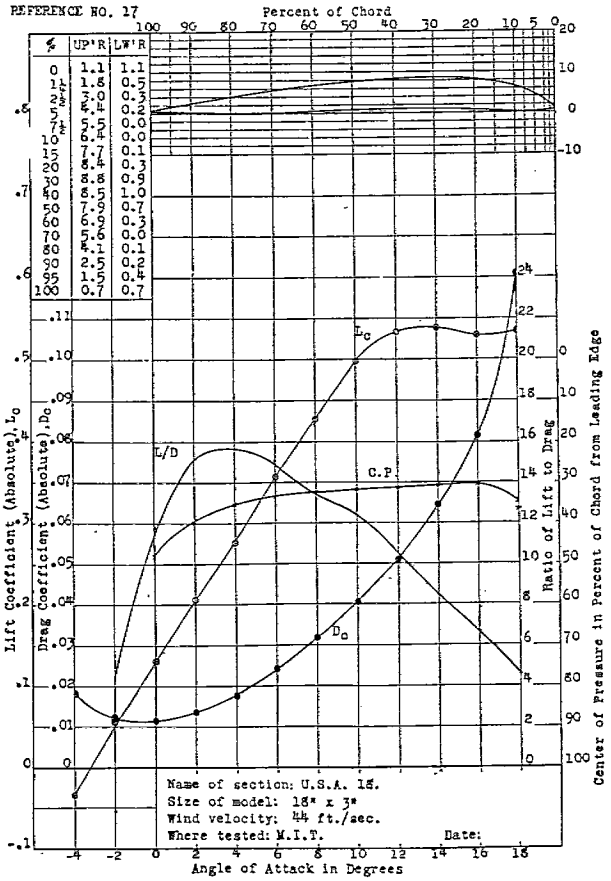
REFERENCE NO. 16



%	UP'R	LW'R
0	0.0	0.0
1¼	1.6	-0.4
2½	2.6	-0.6
5	3.7	-0.7
7½	4.5	-0.8
10	4.9	-0.8
15	5.4	-1.0
20	5.7	-1.1
30	5.6	-1.1
40	5.2	-1.1
50	4.7	-1.0
60	4.0	-0.9
70	3.1	-0.8
80	2.0	-0.6
90	1.1	-0.4
95	0.6	-0.3
100	0.0	0.0

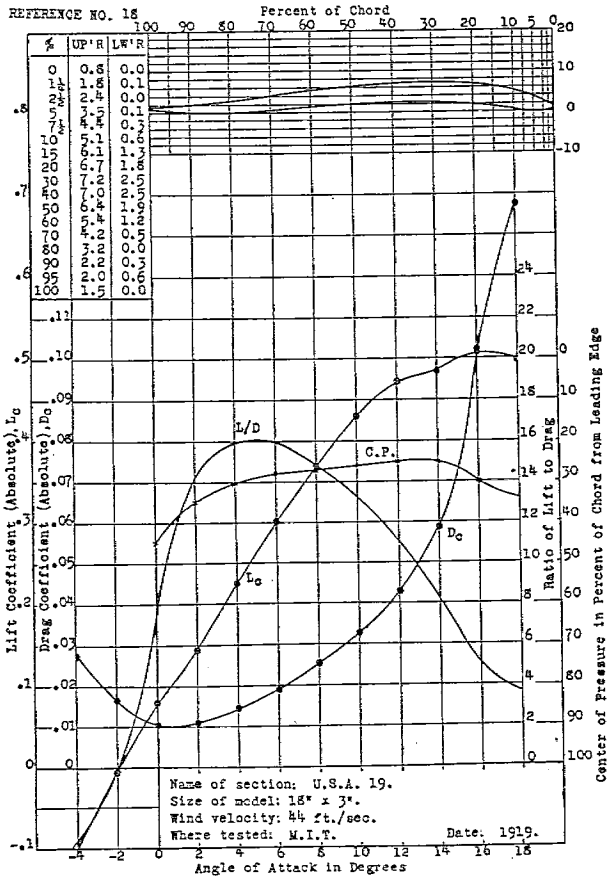
REFERENCE NO. 17

%	UP'R	LW'R
0	1.1	1.1
1¼	1.8	0.5
2½	3.0	0.3
5	4.4	0.2
7½	5.5	0.0
10	6.4	0.0
15	7.7	0.1
20	8.4	0.3
30	8.8	0.9
40	8.5	1.0
50	7.9	0.7
60	6.9	0.3
70	5.6	0.0
80	4.1	0.1
90	2.5	0.2
95	1.5	0.4
100	0.7	0.7



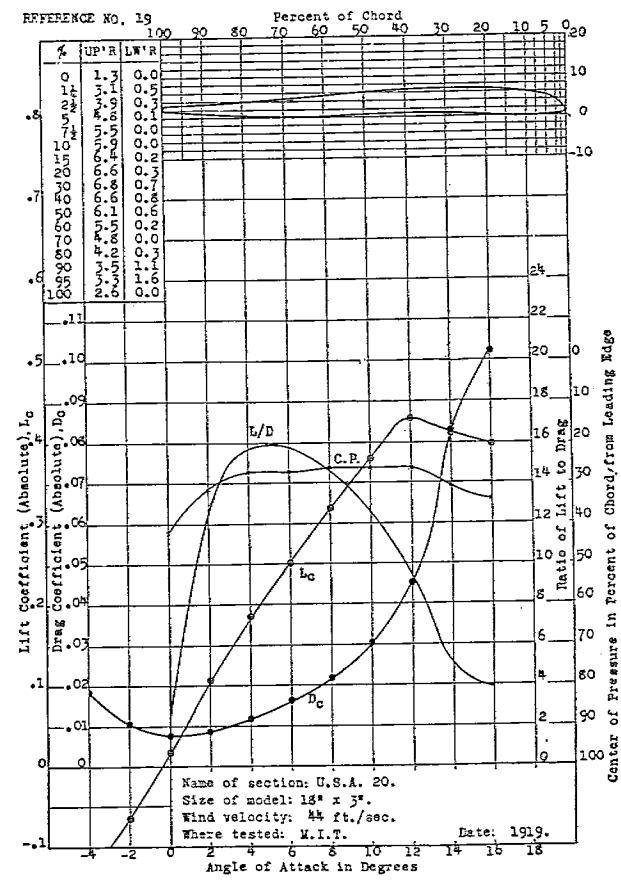
REFERENCE NO. 18

%	UP'R	LW'R
0	0.8	0.0
1¼	1.6	0.1
2½	2.4	0.0
5	3.5	0.1
7½	4.4	0.3
10	5.1	0.6
15	6.1	1.3
20	6.7	1.8
30	7.2	2.5
40	7.0	2.5
50	6.4	1.9
60	5.4	1.2
70	4.2	0.5
80	3.2	0.0
90	2.2	0.3
95	2.0	0.6
100	1.5	0.0



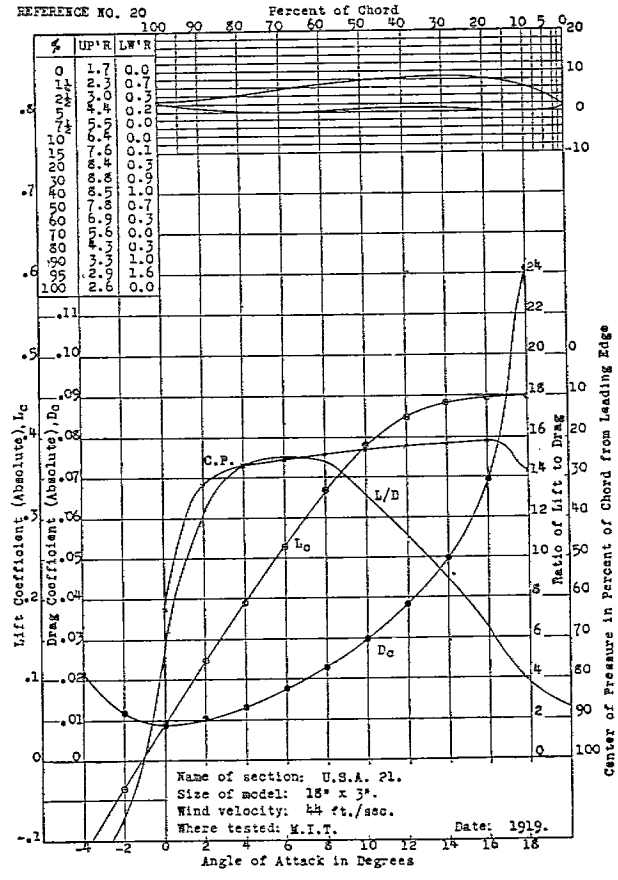
REFERENCE NO. 19

%	UP'R	LW'R
0	1.3	0.0
1¼	2.1	0.5
2½	2.9	0.3
5	4.2	0.1
7½	5.2	0.0
10	6.1	0.0
15	6.4	0.2
20	6.6	0.3
30	6.8	0.7
40	6.6	0.8
50	6.1	0.6
60	5.5	0.2
70	4.8	0.0
80	4.2	0.3
90	3.5	1.1
95	3.3	1.6
100	2.6	0.0



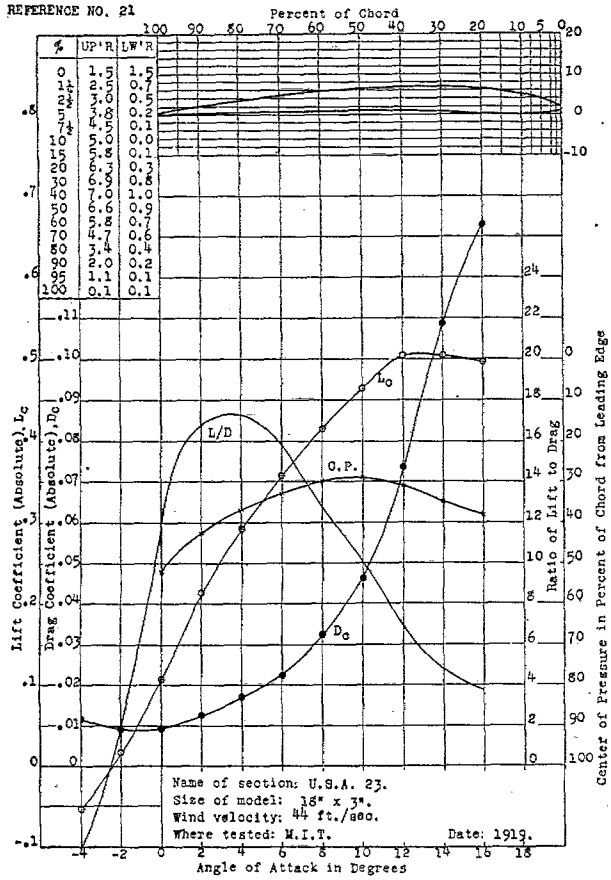
REFERENCE NO. 20

%	UP'R	LW'R
0	1.7	0.0
1¼	2.3	0.7
2½	3.0	0.3
5	4.4	0.2
7½	5.5	0.0
10	6.4	0.0
15	7.6	0.1
20	8.4	0.3
30	8.8	0.9
40	8.5	1.0
50	7.8	0.7
60	6.9	0.3
70	5.6	0.0
80	4.3	0.3
90	3.3	1.0
95	2.9	1.6
100	2.6	0.0



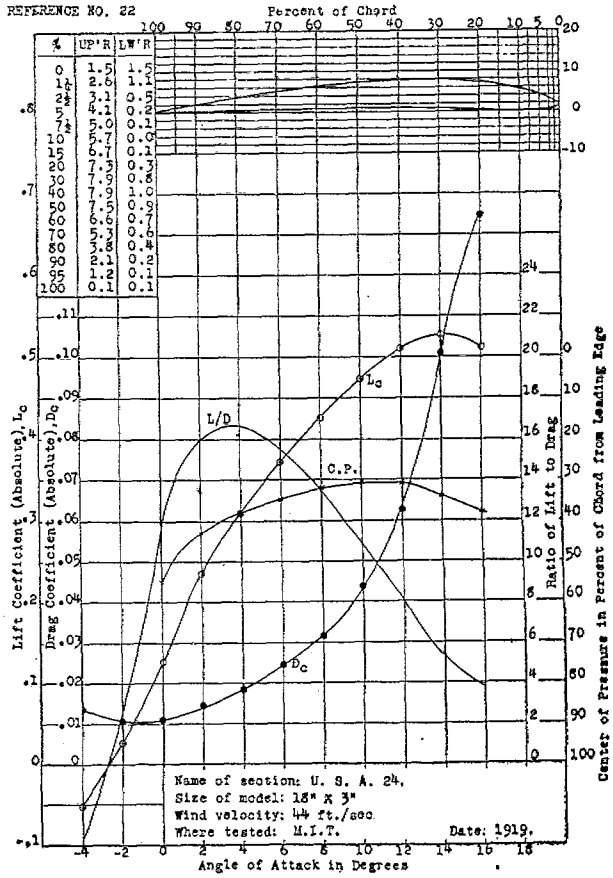
REFERENCE NO. 21

%	UP'R	LW'R
0	1.5	1.5
1¼	2.5	0.7
2½	3.0	0.5
5	3.8	0.2
7½	4.5	0.1
10	5.0	0.0
15	5.8	0.1
20	6.3	0.3
30	6.9	0.8
40	7.0	1.0
50	6.6	0.9
60	5.8	0.7
70	4.7	0.6
80	3.4	0.4
90	2.0	0.2
95	1.1	0.1
100	0.1	0.1



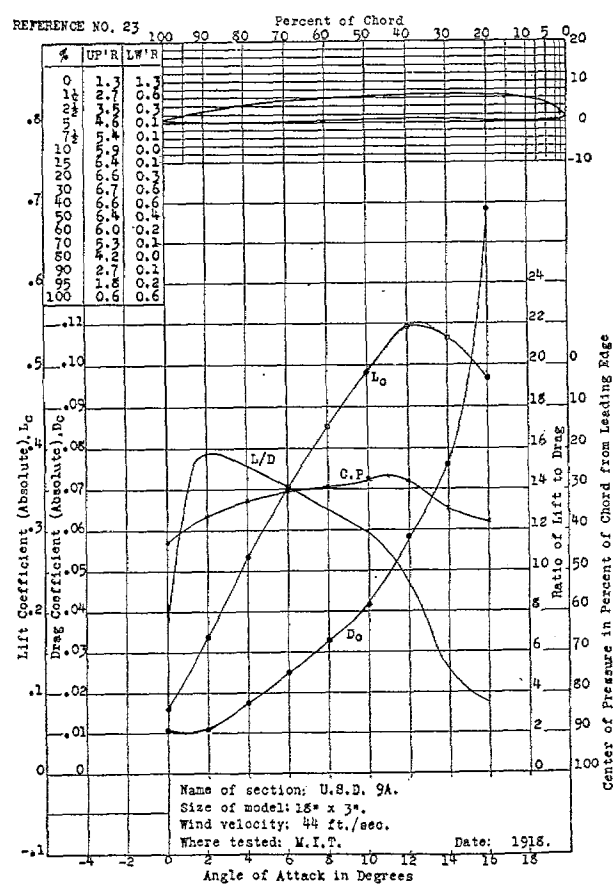
REFERENCE NO. 22

%	UP'R	LW'R
0	1.5	1.5
1¼	2.6	1.1
2½	3.1	0.5
5	4.1	0.2
7½	5.0	0.1
10	5.7	0.0
15	6.7	0.1
20	7.3	0.3
30	7.9	0.8
40	7.9	1.0
50	7.5	0.9
60	6.6	0.7
70	5.3	0.6
80	3.8	0.4
90	2.1	0.2
95	1.2	0.1
100	0.1	0.1



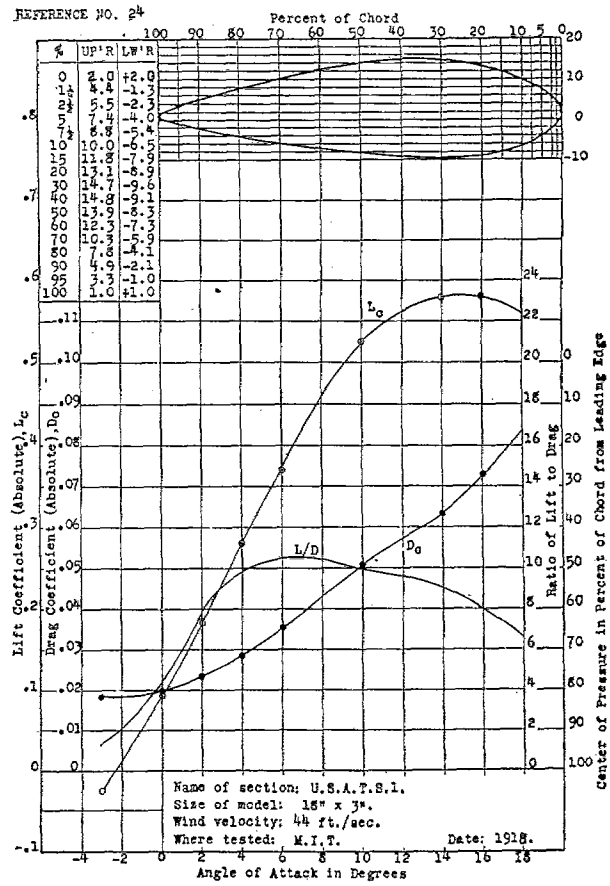
REFERENCE NO. 23

%	UP'R	LW'R
0	1.3	1.3
1¼	2.7	0.6
2½	3.5	0.3
5	4.6	0.1
7½	5.4	0.1
10	5.9	0.0
15	6.4	0.1
20	6.6	0.3
30	6.7	0.6
40	6.6	0.6
50	6.4	0.4
60	6.0	0.2
70	5.3	0.1
80	4.2	0.0
90	2.7	0.2
95	1.8	0.2
100	0.6	0.6



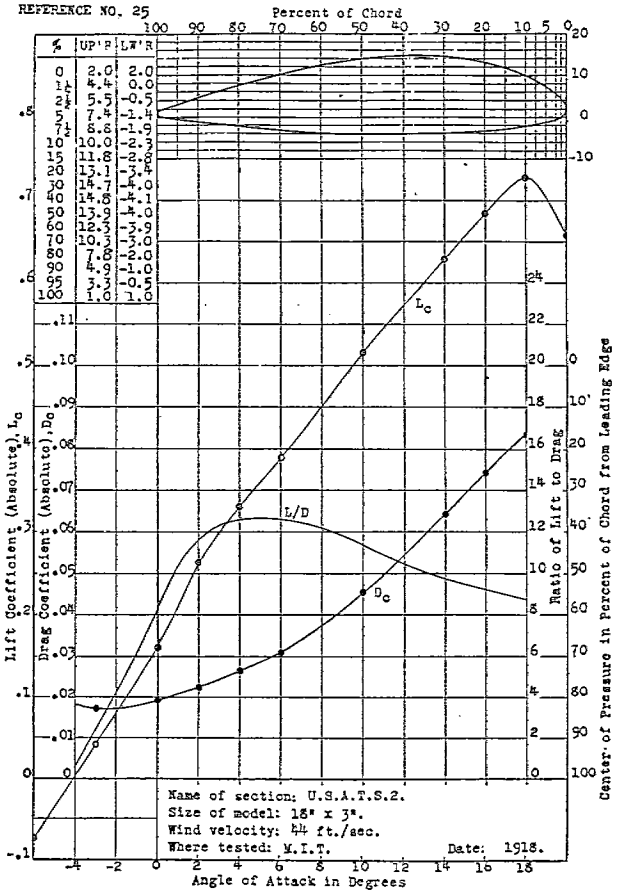
REFERENCE NO. 24

%	UP'R	LW'R
0	2.0	+2.0
1¼	4.4	-1.3
2½	5.5	-2.5
5	7.4	-4.0
7½	8.8	-5.4
10	10.0	-6.5
15	11.8	-7.9
20	13.1	-8.9
30	14.7	-9.6
40	14.8	-9.1
50	13.9	-8.3
60	12.3	-7.3
70	10.3	-5.9
80	7.8	-4.1
90	4.9	-2.1
95	3.3	-1.0
100	1.0	+1.0



REFERENCE NO. 25

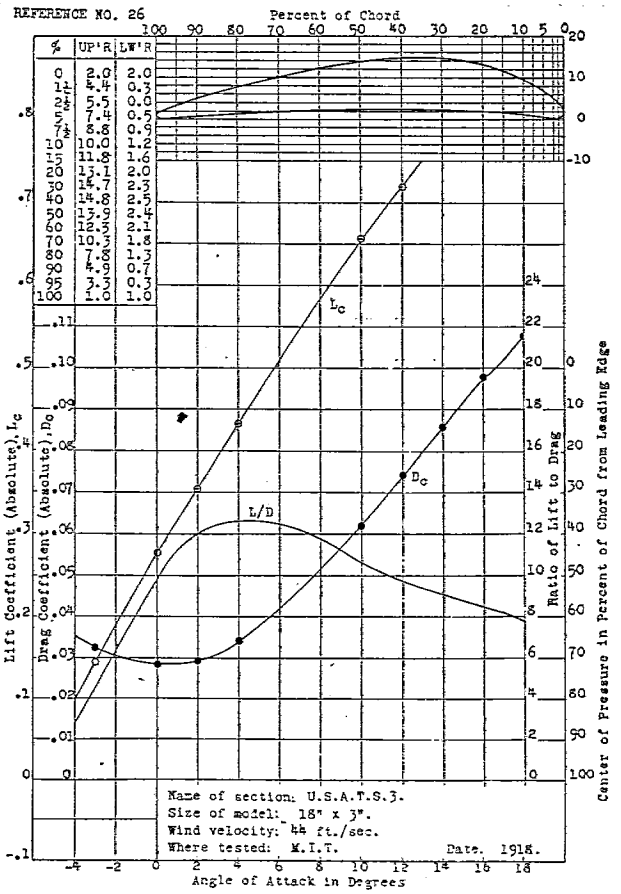
%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.0
2½	5.5	-0.7
5	7.4	-1.4
7½	8.8	-1.9
10	10.0	-2.3
15	11.8	-2.8
20	13.1	-3.4
30	14.7	-4.0
40	14.8	-4.1
50	13.9	-4.0
60	12.3	-3.9
70	10.3	-3.0
80	7.8	-2.0
90	4.9	-1.0
95	3.3	-0.5
100	1.0	1.0



Name of section: U.S.A.T.S.2.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 26

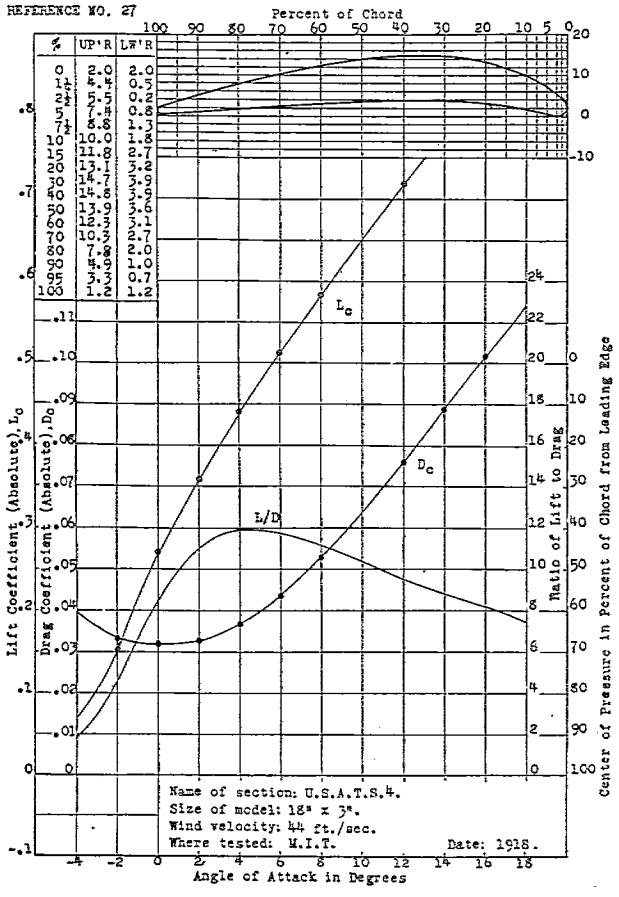
%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.3
2½	5.5	0.0
5	7.4	0.5
7½	8.8	0.9
10	10.0	1.2
15	11.8	1.6
20	13.1	2.0
30	14.7	2.3
40	14.8	2.5
50	13.9	2.4
60	12.3	2.1
70	10.3	1.8
80	7.8	1.3
90	4.9	0.7
95	3.3	0.3
100	1.0	1.0



Name of section: U.S.A.T.S.3.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 27

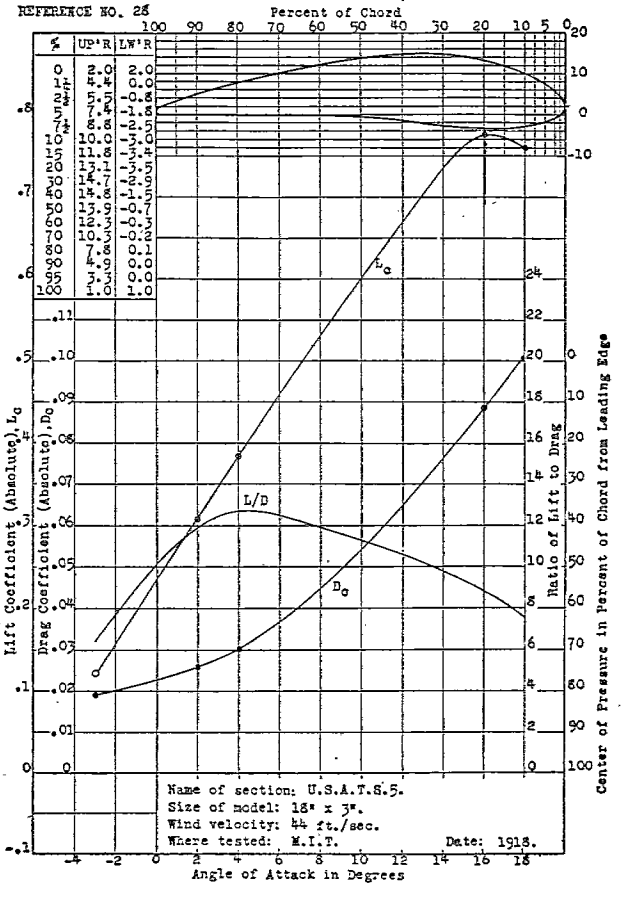
%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.5
2½	5.5	0.2
5	7.4	0.8
7½	8.8	1.3
10	10.0	1.8
15	11.8	2.7
20	13.1	3.2
30	14.7	3.9
40	14.8	3.9
50	13.9	3.6
60	12.3	3.1
70	10.3	2.7
80	7.8	2.0
90	4.9	1.0
95	3.3	0.7
100	1.2	1.2



Name of section: U.S.A.T.S.4.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 28

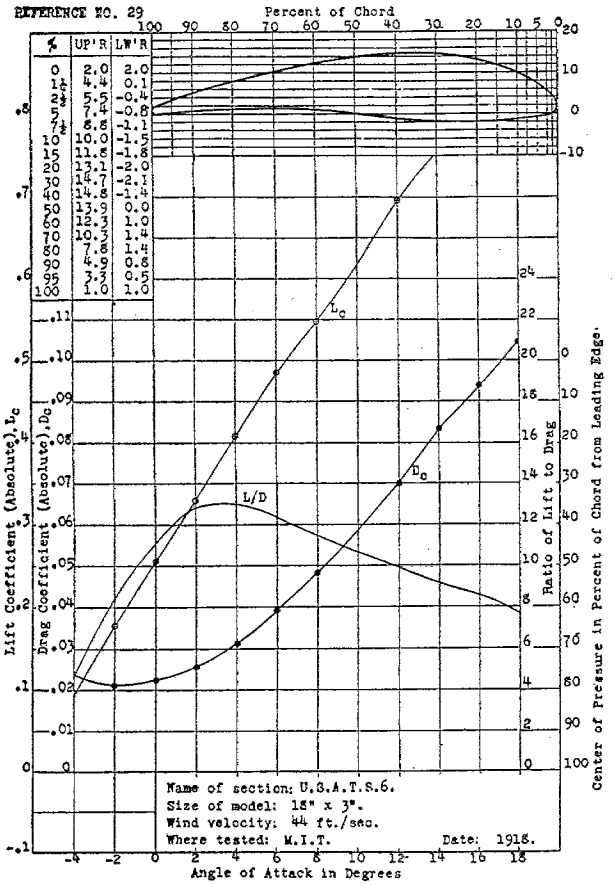
%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.0
2½	5.5	-0.8
5	7.4	-1.8
7½	8.8	-2.5
10	10.0	-3.0
15	11.8	-3.4
20	13.1	-3.5
30	14.7	-2.9
40	14.8	-1.5
50	13.9	-0.7
60	12.3	-0.3
70	10.3	-0.2
80	7.8	0.1
90	4.9	0.0
95	3.3	0.0
100	1.0	1.0



Name of section: U.S.A.T.S.5.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 29

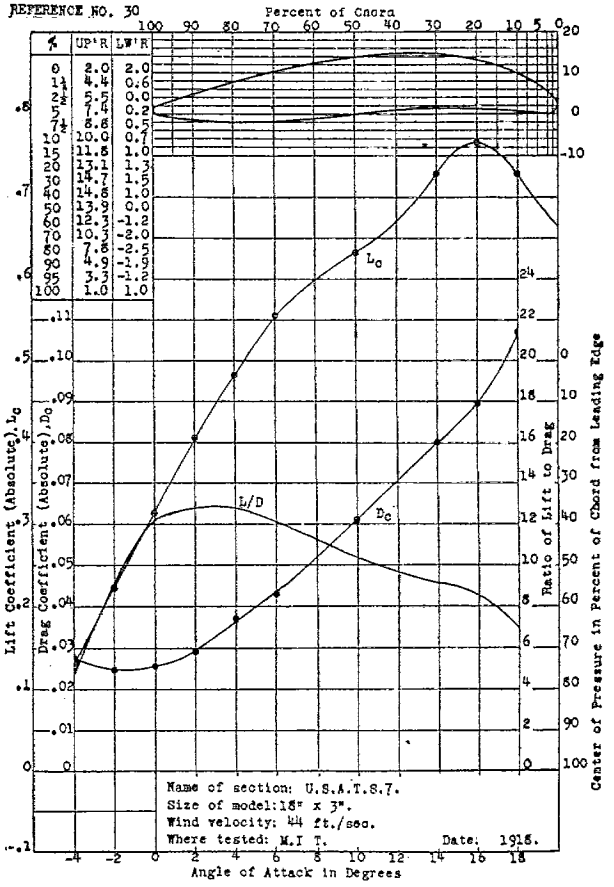
%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.1
2½	5.5	-0.4
5	7.4	-0.8
7½	8.8	-1.1
10	10.0	-1.5
15	11.8	-1.8
20	13.1	-2.0
30	14.7	-2.1
40	14.8	-1.4
50	13.9	0.0
60	12.3	1.0
70	10.3	1.4
80	7.8	1.4
90	4.9	0.8
95	3.3	0.5
100	1.0	1.0



Name of section: U.S.A.T.S.6.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 30

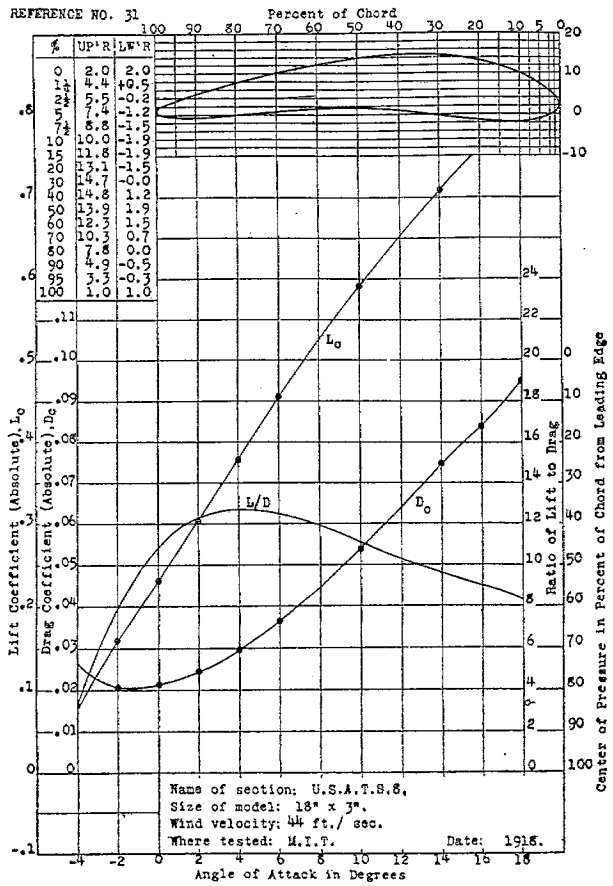
%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.6
2½	5.5	0.0
5	7.4	0.2
7½	8.8	0.5
10	10.0	0.7
15	11.8	1.0
20	13.1	1.3
30	14.7	1.5
40	14.8	1.0
50	13.9	0.0
60	12.3	-1.2
70	10.3	-2.0
80	7.8	-2.5
90	4.9	-1.9
95	3.3	-1.2
100	1.0	1.0



Name of section: U.S.A.T.S.7.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 31

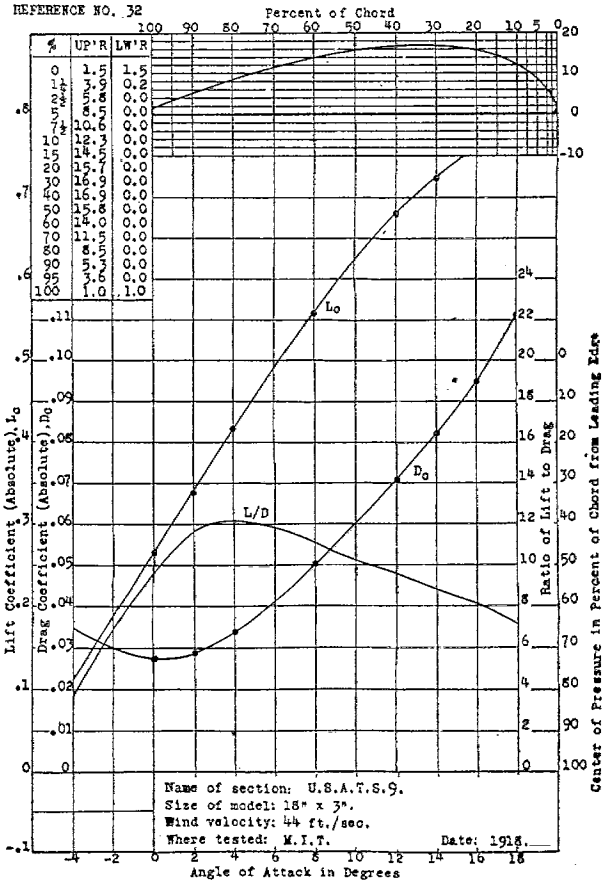
%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	+0.5
2½	5.5	-0.2
5	7.4	-1.2
7½	8.8	-1.5
10	10.0	-1.9
15	11.8	-1.9
20	13.1	-1.5
30	14.7	-0.0
40	14.8	1.2
50	13.9	1.9
60	12.3	1.5
70	10.3	0.7
80	7.8	0.0
90	4.9	-0.5
95	3.3	-0.3
100	1.0	1.0



Name of section: U.S.A.T.S.8.
Size of model: 18" x 3".
Wind velocity: 44 ft./ sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 32

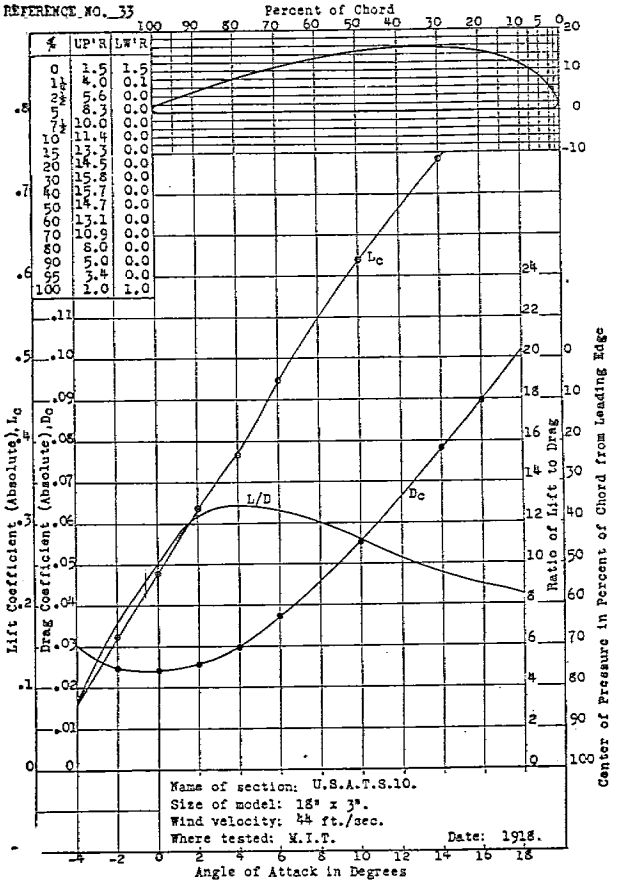
%	UP'R	LW'R
0	1.5	1.5
1¼	3.9	0.2
2½	5.6	0.0
5	8.5	0.0
7½	10.6	0.0
10	12.3	0.0
15	14.5	0.0
20	15.7	0.0
30	16.9	0.0
40	16.9	0.0
50	15.6	0.0
60	14.0	0.0
70	11.5	0.0
80	8.5	0.0
90	5.4	0.0
95	3.6	0.0
100	1.0	1.0



Name of section: U.S.A.T.S.9.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 33

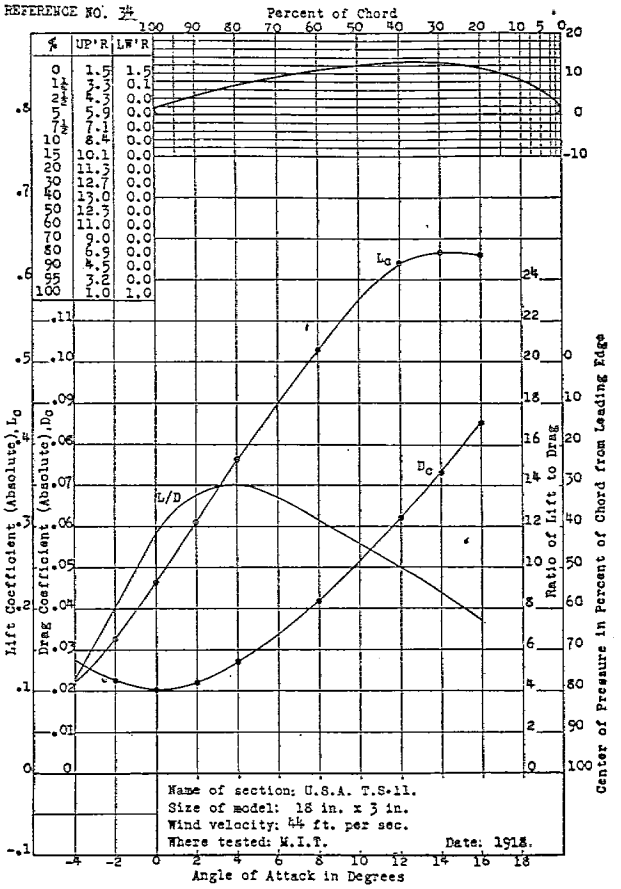
%	UP'R	LW'R
0	1.5	1.5
1¼	4.0	0.1
2½	5.6	0.0
5	8.3	0.0
7½	10.0	0.0
10	11.4	0.0
15	13.3	0.0
20	14.5	0.0
30	15.8	0.0
40	15.7	0.0
50	14.7	0.0
60	13.1	0.0
70	10.9	0.0
80	8.0	0.0
90	5.0	0.0
95	3.4	0.0
100	1.0	1.0



Name of section: U.S.A.T.S.10.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 34

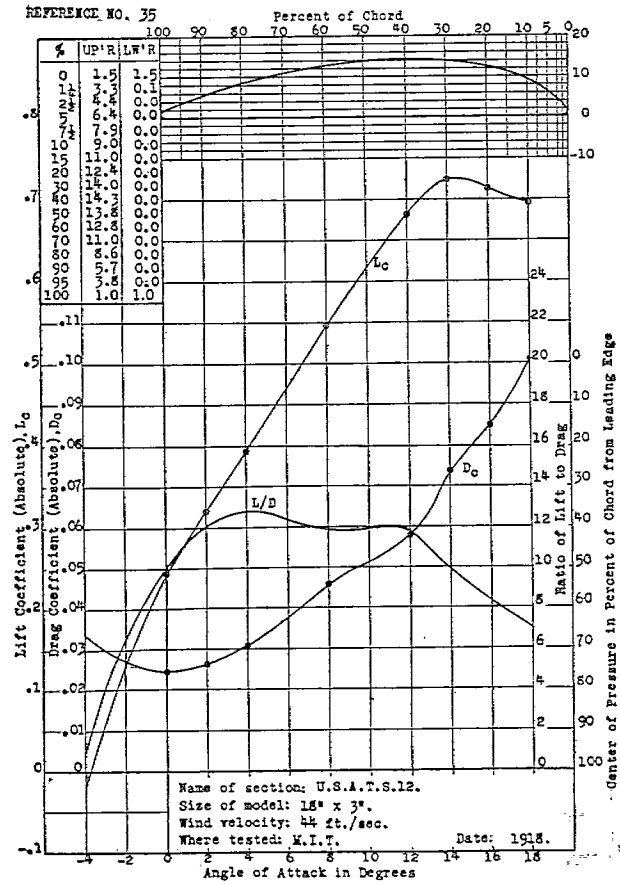
%	UP'R	LW'R
0	1.5	1.5
1¼	3.3	0.1
2½	4.3	0.0
5	5.9	0.0
7½	7.1	0.0
10	8.4	0.0
15	10.1	0.0
20	11.3	0.0
30	12.7	0.0
40	13.0	0.0
50	12.3	0.0
60	11.0	0.0
70	9.0	0.0
80	6.9	0.0
90	4.5	0.0
95	3.2	0.0
100	1.0	1.0



Name of section: U.S.A. T.S.11.
Size of model: 18 in. x 3 in.
Wind velocity: 44 ft. per sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 35

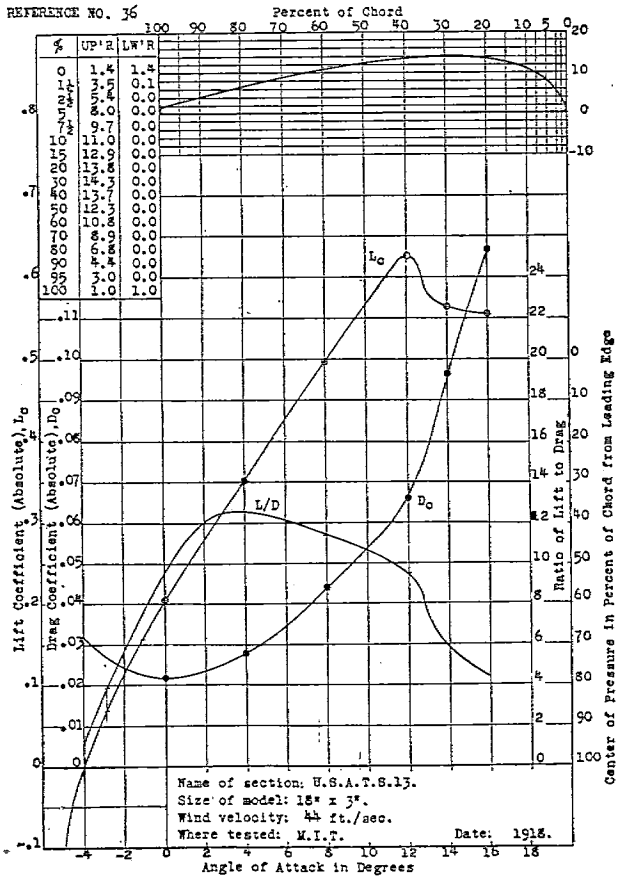
%	UP'R	LW'R
0	1.5	1.5
1¼	3.3	0.1
2½	4.4	0.0
5	6.4	0.0
7½	7.9	0.0
10	9.0	0.0
15	11.0	0.0
20	12.4	0.0
30	14.0	0.0
40	14.3	0.0
50	13.8	0.0
60	12.8	0.0
70	11.0	0.0
80	8.6	0.0
90	5.7	0.0
95	3.5	0.0
100	1.0	1.0



Name of section: U.S.A.T.S.12.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

REFERENCE NO. 36

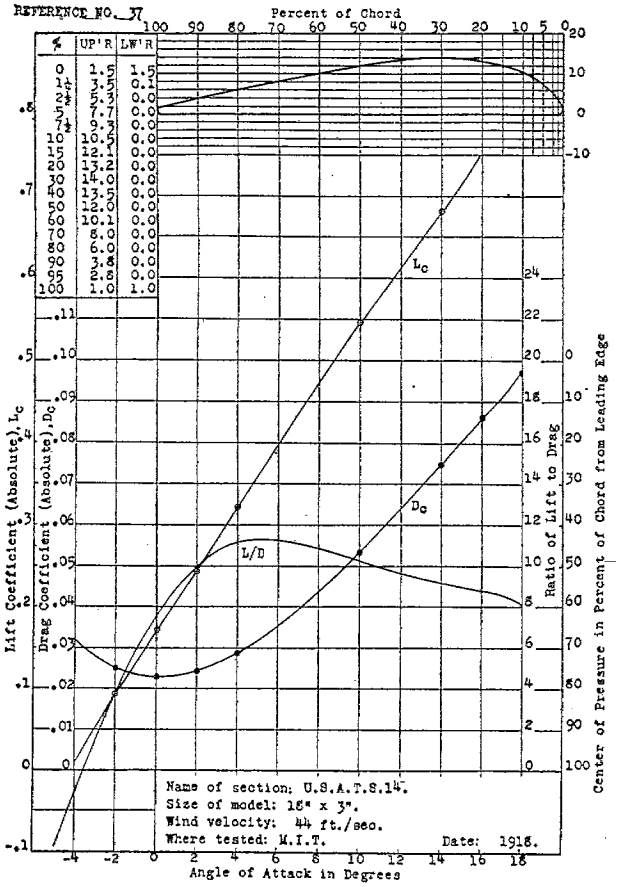
%	UP'R	LW'R
0	1.4	1.4
1¼	3.5	0.1
2½	5.4	0.0
5	8.0	0.0
7½	9.7	0.0
10	11.0	0.0
15	12.9	0.0
20	13.8	0.0
30	14.3	0.0
40	13.7	0.0
50	12.3	0.0
60	10.8	0.0
70	8.9	0.0
80	6.8	0.0
90	4.4	0.0
95	3.0	0.0
100	1.0	1.0



Name of section: U.S.A.T.S.13.
Size of model: 18" x 3".
Wind velocity: 44 ft./sec.
Where tested: M.I.T. Date: 1918.

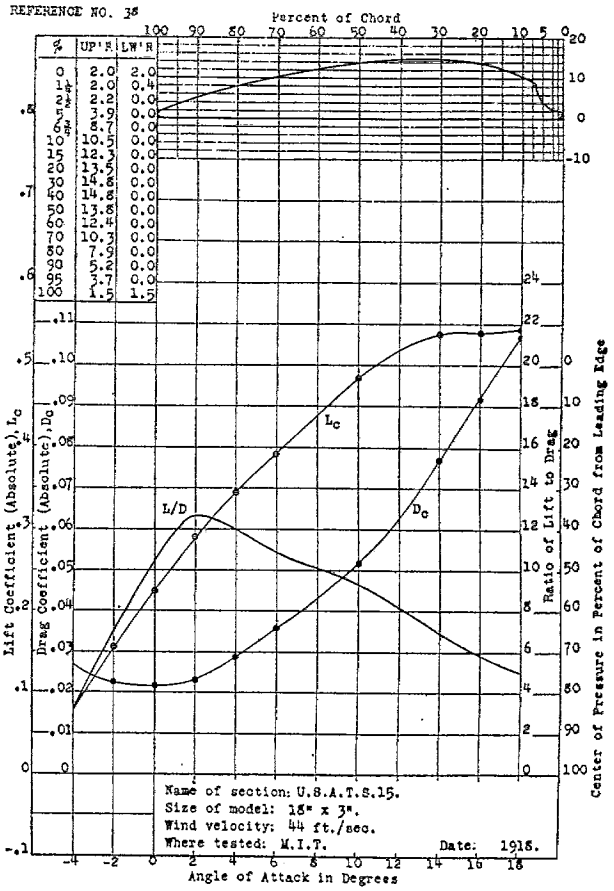
REFERENCE NO. 37

%	UP'R	LW'R
0	1.5	1.5
1¼	3.5	0.1
2½	5.3	0.0
5	7.7	0.0
7½	9.3	0.0
10	10.5	0.0
15	12.1	0.0
20	13.2	0.0
30	14.0	0.0
40	13.5	0.0
50	12.0	0.0
60	10.1	0.0
70	8.0	0.0
80	6.0	0.0
90	3.8	0.0
95	2.8	0.0
100	1.0	1.0



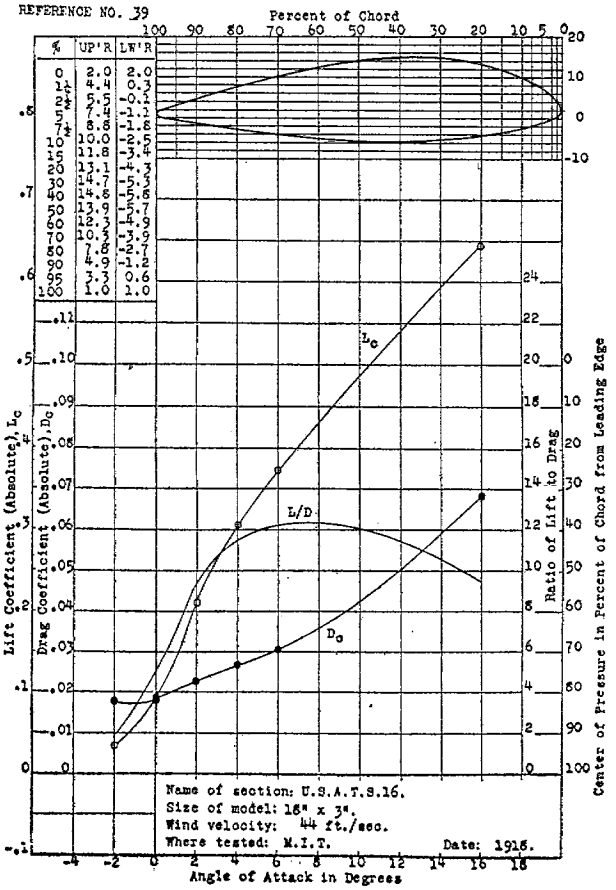
REFERENCE NO. 38

%	UP'R	LW'R
0	2.0	2.0
1¼	2.0	0.4
2½	2.2	0.0
5	3.9	0.0
7½	8.7	0.0
10	10.5	0.0
15	12.3	0.0
20	13.5	0.0
30	14.6	0.0
40	14.8	0.0
50	13.8	0.0
60	12.4	0.0
70	10.3	0.0
80	7.9	0.0
90	5.2	0.0
95	3.7	0.0
100	1.5	1.5



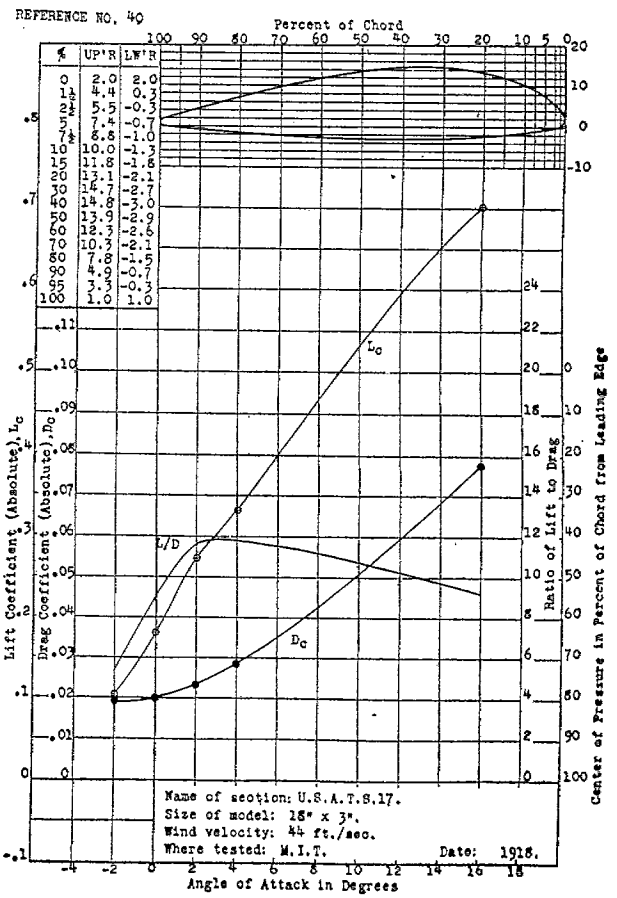
REFERENCE NO. 39

%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.3
2½	5.5	-0.1
5	7.4	-1.2
7½	8.8	-1.8
10	10.0	-2.5
15	11.8	-3.4
20	13.1	-4.3
30	14.7	-5.3
40	14.8	-5.6
50	13.9	-5.7
60	12.3	-5.9
70	10.5	-5.9
80	7.8	-5.7
90	4.9	-1.2
95	3.3	0.6
100	1.0	1.0



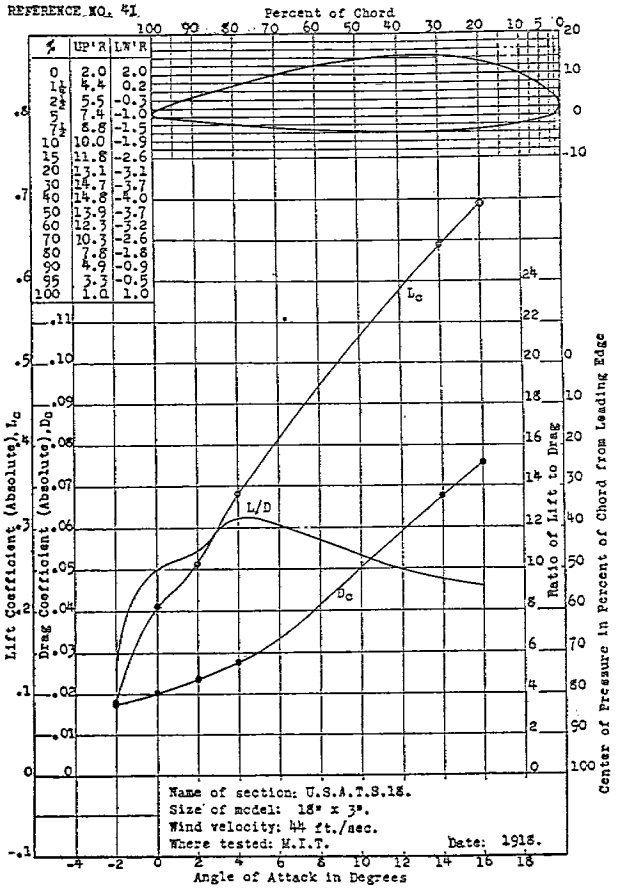
REFERENCE NO. 40

%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.3
2½	5.5	-0.3
5	7.4	-0.7
7½	8.8	-1.0
10	10.0	-1.3
15	11.8	-1.6
20	13.1	-2.1
30	14.7	-2.7
40	14.8	-3.0
50	13.9	-2.9
60	12.3	-2.6
70	10.3	-2.1
80	7.8	-1.5
90	4.9	-0.7
95	3.3	-0.3
100	1.0	1.0



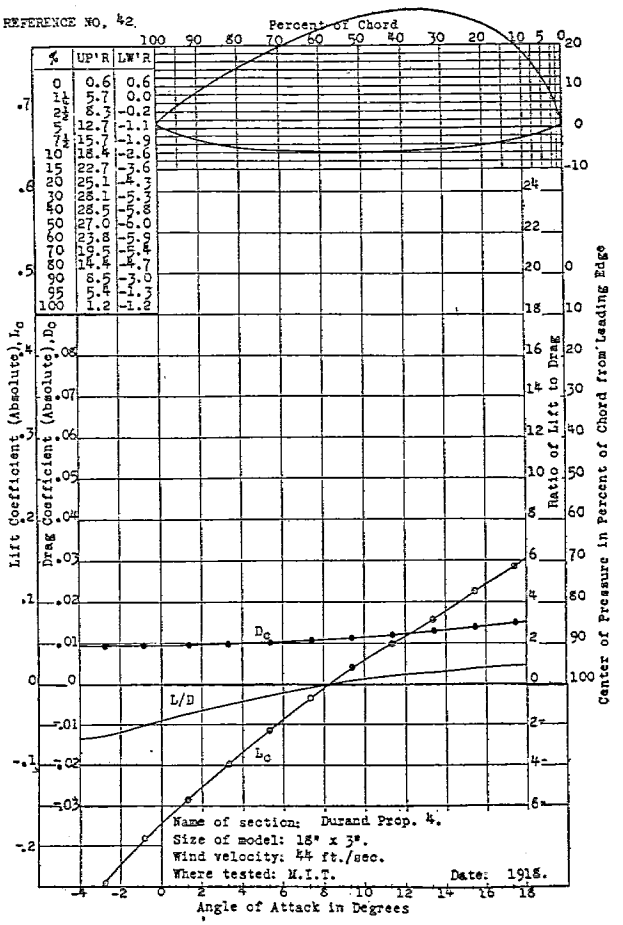
REFERENCE NO. 41

%	UP'R	LW'R
0	2.0	2.0
1¼	4.4	0.2
2½	5.5	-0.3
5	7.4	-1.0
7½	8.8	-1.5
10	10.0	-1.9
15	11.8	-2.6
20	13.1	-3.1
30	14.7	-3.7
40	14.8	-4.0
50	13.9	-3.7
60	12.3	-3.2
70	10.3	-2.6
80	7.6	-1.8
90	4.9	-0.9
95	3.3	-0.5
100	1.0	1.0



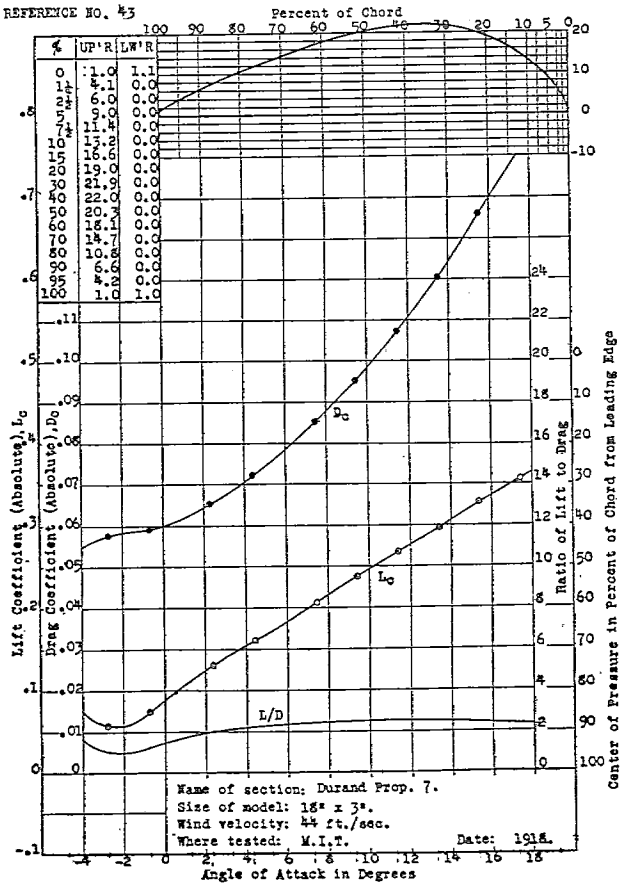
REFERENCE NO. 42

%	UP'R	LW'R
0	0.6	0.6
1¼	3.7	0.0
2½	5.3	-0.2
5	7.7	-1.1
7½	9.7	-1.9
10	11.4	-2.6
15	14.2	-3.4
20	16.1	-4.1
30	18.1	-5.0
40	19.0	-5.4
50	18.8	-5.4
60	17.6	-5.0
70	15.4	-4.4
80	12.2	-3.4
90	8.0	-2.2
95	5.4	-1.5
100	1.2	-1.2



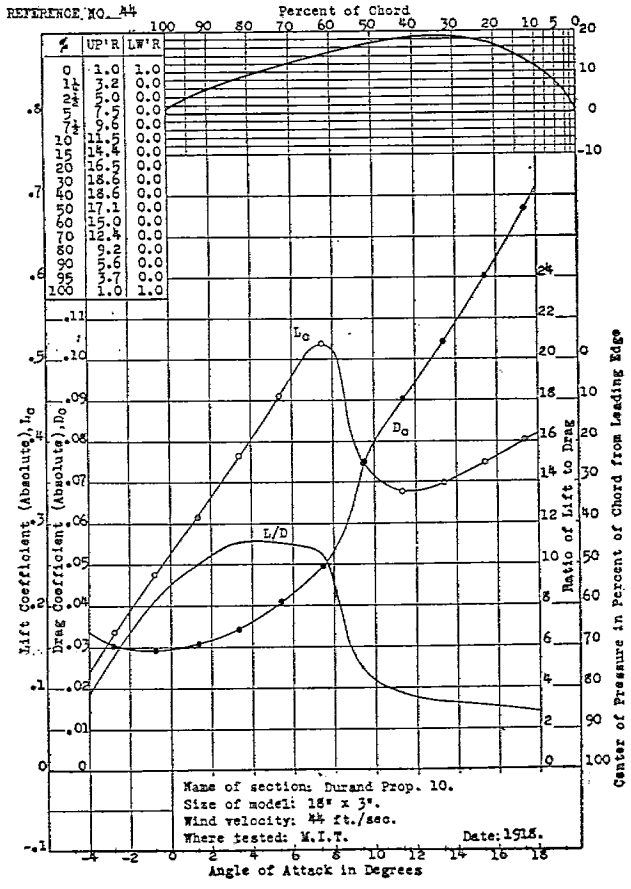
REFERENCE NO. 43

%	UP'R	LW'R
0	1.0	1.1
1¼	4.1	0.0
2½	6.0	0.0
5	9.0	0.0
7½	11.4	0.0
10	13.2	0.0
15	16.6	0.0
20	19.0	0.0
30	21.9	0.0
40	22.0	0.0
50	20.3	0.0
60	18.1	0.0
70	14.7	0.0
80	10.8	0.0
90	6.6	0.0
95	4.2	0.0
100	1.0	1.0

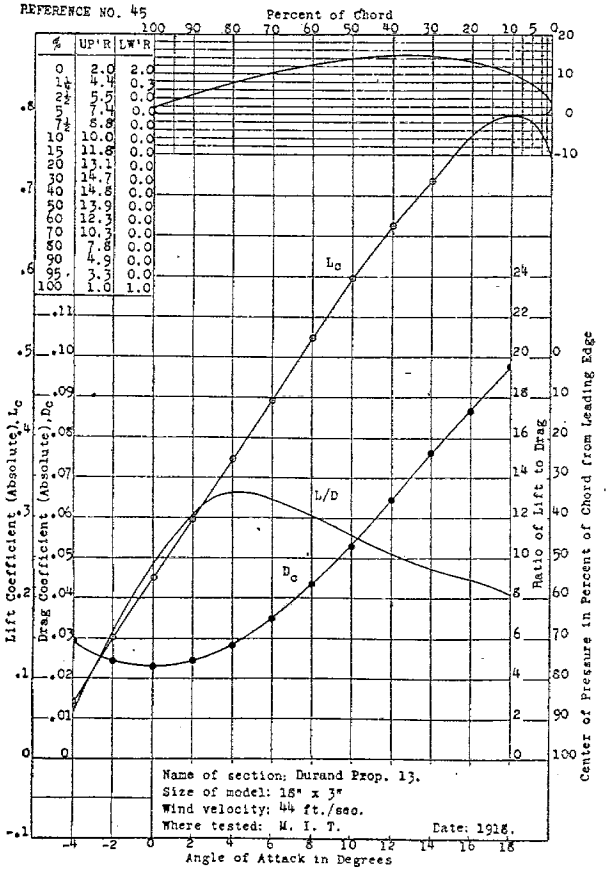


REFERENCE NO. 44

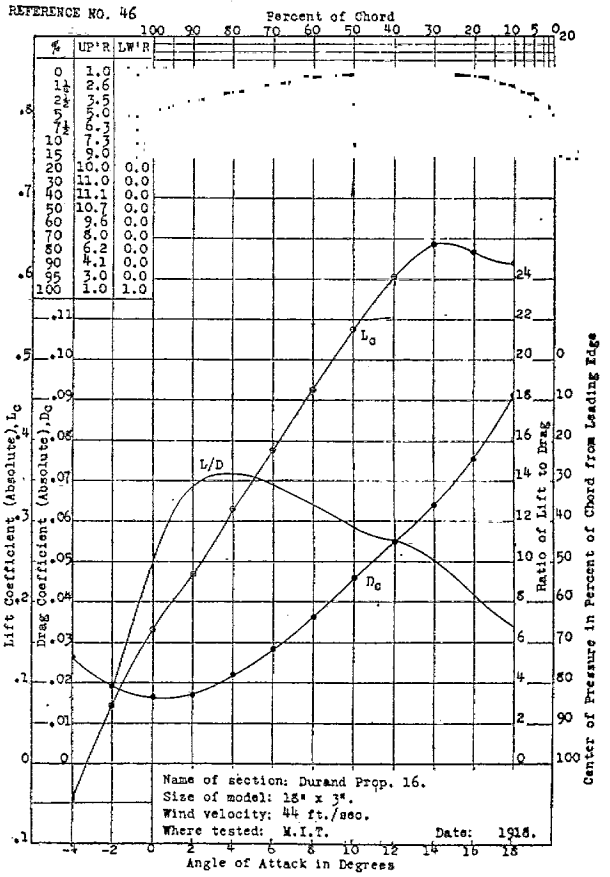
%	UP'R	LW'R
0	1.0	1.0
1¼	3.2	0.0
2½	5.0	0.0
5	7.5	0.0
7½	9.6	0.0
10	11.5	0.0
15	14.4	0.0
20	16.5	0.0
30	18.6	0.0
40	18.6	0.0
50	17.1	0.0
60	15.0	0.0
70	12.4	0.0
80	9.2	0.0
90	5.6	0.0
95	3.7	0.0
100	1.0	1.0



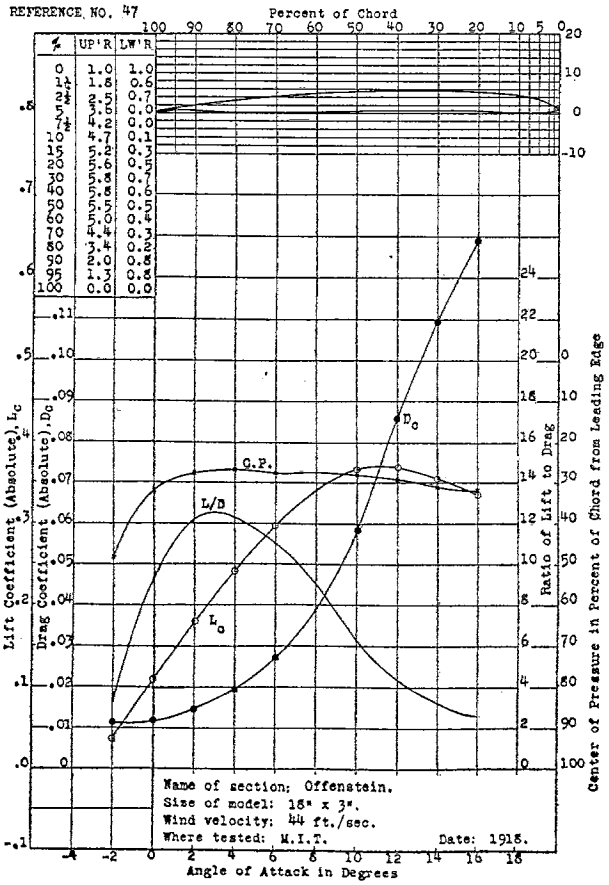
REFERENCE NO. 45



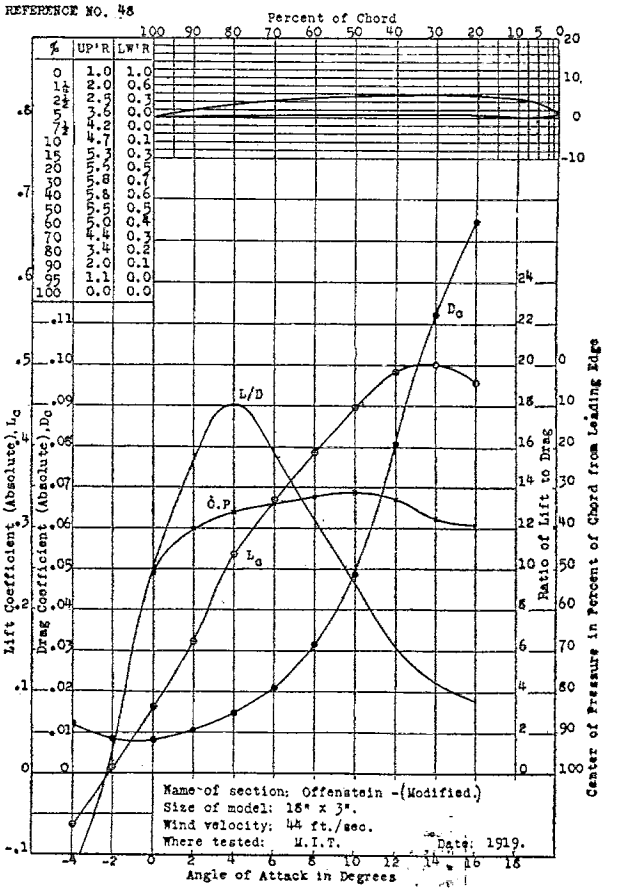
REFERENCE NO. 46



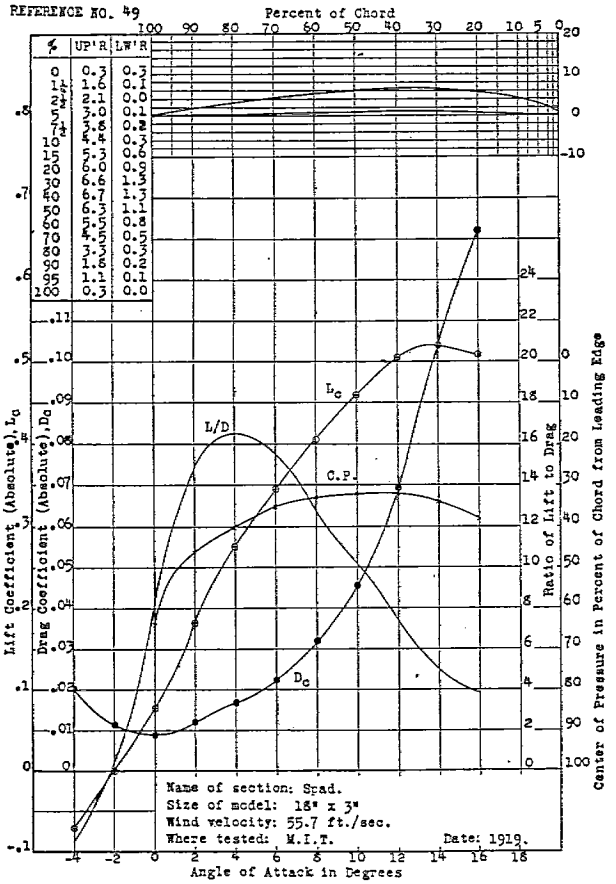
REFERENCE NO. 47



REFERENCE NO. 48

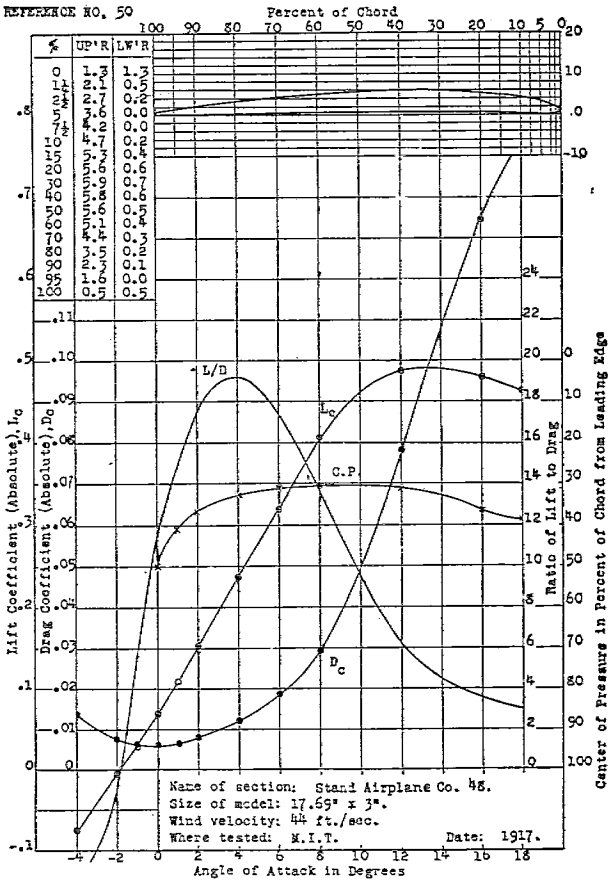


REFERENCE NO. 49



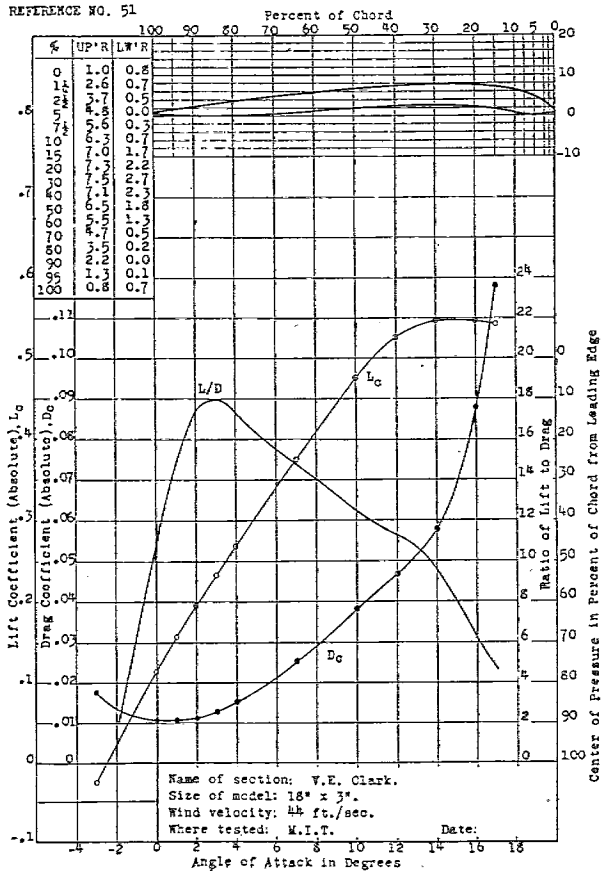
%	UP'R	LW'R
0	0.3	0.3
1¼	1.6	0.1
2½	2.1	0.0
5	3.0	0.1
7½	3.8	0.2
10	4.4	0.3
15	5.3	0.6
20	6.0	0.9
30	6.6	1.3
40	6.7	1.3
50	6.3	1.1
60	5.5	0.8
70	4.5	0.5
80	3.3	0.3
90	1.8	0.2
95	1.1	0.1
100	0.3	0.0

REFERENCE NO. 50



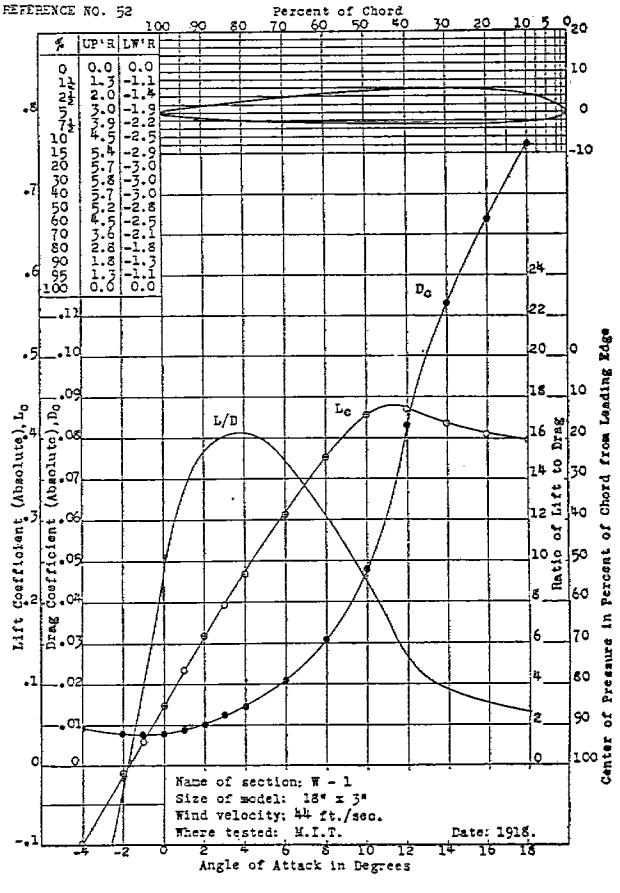
%	UP'R	LW'R
0	1.3	1.3
1¼	2.1	0.5
2½	2.7	0.2
5	3.6	0.0
7½	4.2	0.0
10	4.7	0.0
15	5.4	0.2
20	5.8	0.4
30	5.8	0.6
40	5.8	0.7
50	5.6	0.8
60	5.2	0.8
70	4.5	0.7
80	3.5	0.5
90	2.2	0.3
95	1.5	0.2
100	0.5	0.5

REFERENCE NO. 51



%	UP'R	LW'R
0	1.0	0.8
1¼	2.6	0.7
2½	3.7	0.5
5	4.8	0.0
7½	5.6	0.3
10	6.3	0.7
15	7.0	1.7
20	7.3	2.2
30	7.5	2.7
40	7.1	2.3
50	6.5	1.8
60	5.5	1.3
70	4.7	0.5
80	3.5	0.2
90	2.2	0.0
95	1.3	0.1
100	0.8	0.7

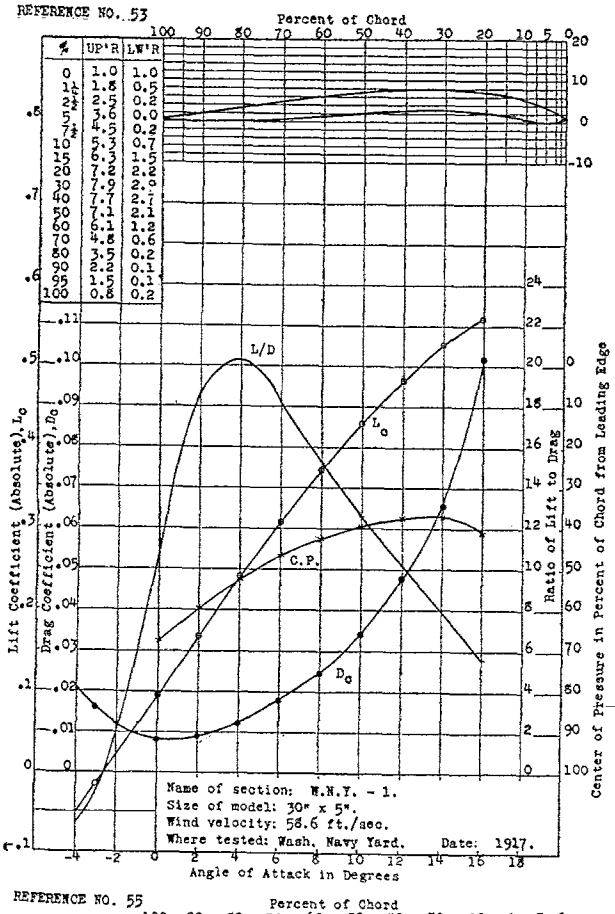
REFERENCE NO. 52



%	UP'R	LW'R
0	0.0	0.0
1¼	1.3	-1.1
2½	2.0	-1.4
5	3.0	-1.9
7½	3.9	-2.2
10	4.5	-2.5
15	5.4	-2.9
20	5.7	-3.0
30	5.8	-3.0
40	5.7	-3.0
50	5.2	-2.8
60	4.5	-2.5
70	3.6	-2.1
80	2.8	-1.8
90	1.8	-1.3
95	1.3	-1.1
100	0.0	0.0

REFERENCE NO. 53

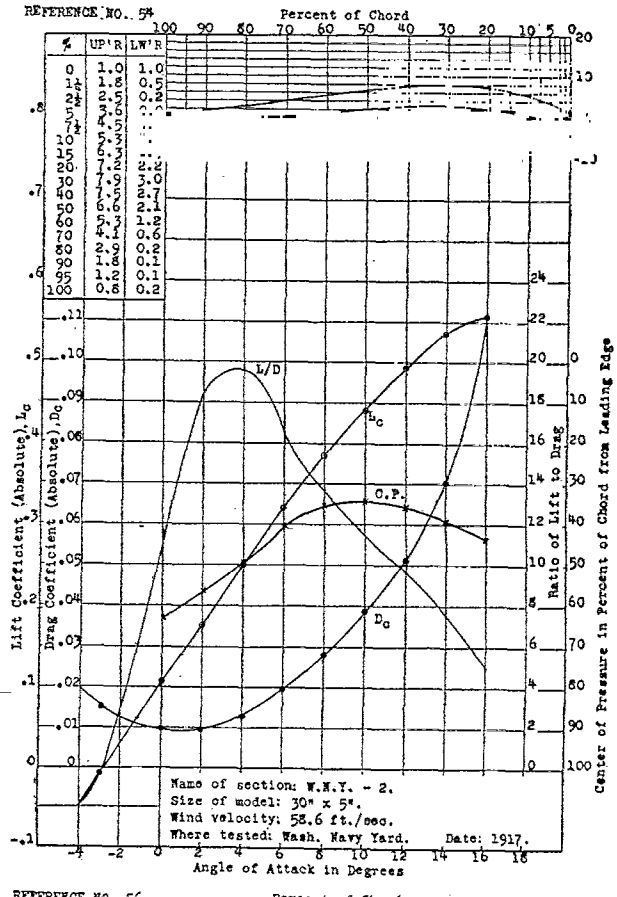
%	UP'R	LW'R
0	1.0	1.0
1¼	1.8	0.5
2½	2.5	0.2
5	3.6	0.0
7½	4.5	0.2
10	5.3	0.7
15	6.3	1.5
20	7.2	2.2
30	7.9	3.0
40	7.2	2.7
50	7.2	2.1
60	6.1	1.2
70	4.6	0.6
80	3.5	0.2
90	2.2	0.1
95	1.5	0.1
100	0.8	0.2



Name of section: W.N.Y. - 1.
Size of model: 30" x 5".
Wind velocity: 58.6 ft./sec.
Where tested: Wash. Navy Yard. Date: 1917.

REFERENCE NO. 54

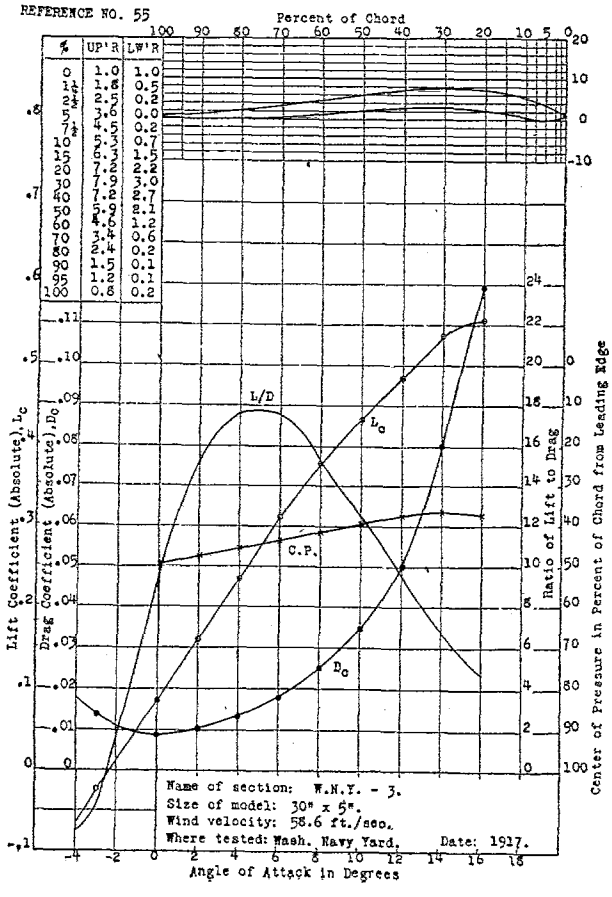
%	UP'R	LW'R
0	1.0	1.0
1¼	1.8	0.5
2½	2.5	0.2
5	3.6	0.0
7½	4.5	0.2
10	5.3	0.7
15	6.3	1.5
20	7.2	2.2
30	7.9	3.0
40	7.2	2.7
50	6.6	2.1
60	5.3	1.2
70	4.1	0.6
80	2.9	0.2
90	1.8	0.1
95	1.2	0.1
100	0.8	0.2



Name of section: W.N.Y. - 2.
Size of model: 30" x 5".
Wind velocity: 58.6 ft./sec.
Where tested: Wash. Navy Yard. Date: 1917.

REFERENCE NO. 55

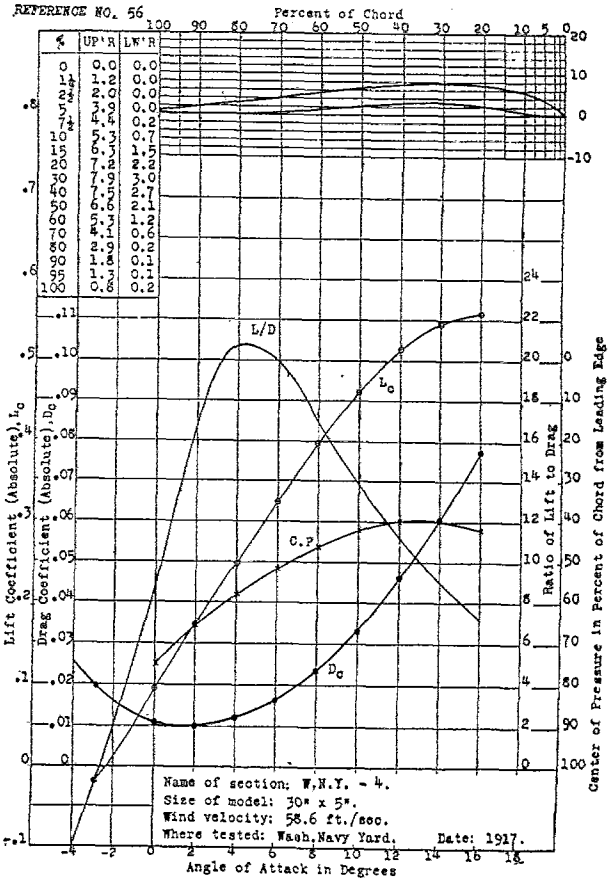
%	UP'R	LW'R
0	1.0	1.0
1¼	1.8	0.5
2½	2.5	0.2
5	3.6	0.0
7½	4.5	0.2
10	5.3	0.7
15	6.3	1.5
20	7.2	2.2
30	7.9	3.0
40	7.2	2.7
50	6.6	2.1
60	5.3	1.2
70	4.1	0.6
80	2.9	0.2
90	1.8	0.1
95	1.2	0.1
100	0.8	0.2



Name of section: W.N.Y. - 3.
Size of model: 30" x 5".
Wind velocity: 58.6 ft./sec.
Where tested: Wash. Navy Yard. Date: 1917.

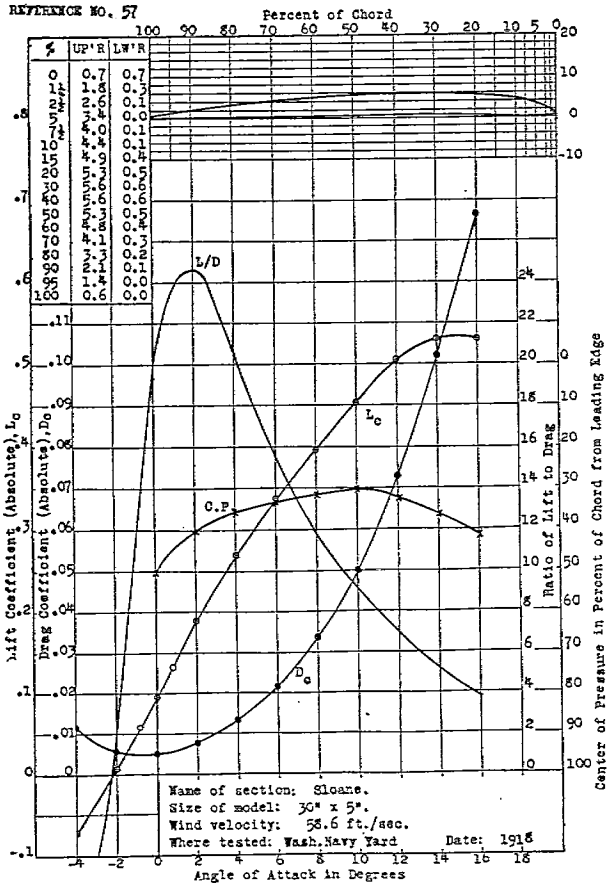
REFERENCE NO. 56

%	UP'R	LW'R
0	0.0	0.0
1¼	1.2	0.0
2½	2.0	0.0
5	3.9	0.0
7½	4.4	0.2
10	5.3	0.7
15	6.3	1.5
20	7.2	2.2
30	7.9	3.0
40	7.5	2.7
50	6.6	2.1
60	5.3	1.2
70	4.1	0.6
80	2.9	0.2
90	1.8	0.1
95	1.3	0.1
100	0.8	0.2



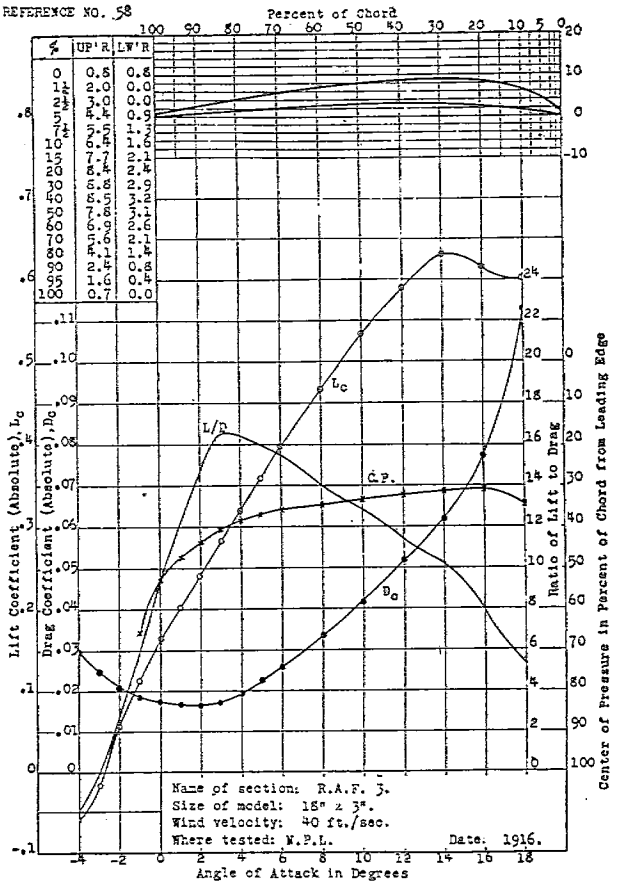
Name of section: W.N.Y. - 4.
Size of model: 30" x 5".
Wind velocity: 58.6 ft./sec.
Where tested: Wash. Navy Yard. Date: 1917.

REFERENCE NO. 57



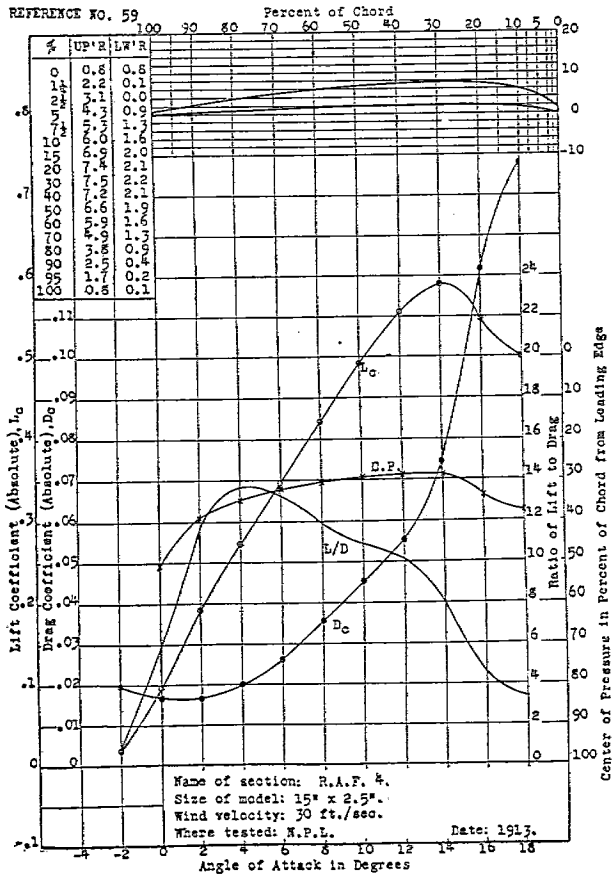
%	UP'R	LW'R
0	0.7	0.7
1¼	1.8	0.3
2½	2.6	0.1
5	3.4	0.0
7½	4.0	0.1
10	4.4	0.1
15	4.9	0.4
20	5.3	0.5
30	5.6	0.6
40	5.6	0.6
50	5.3	0.5
60	4.8	0.4
70	4.1	0.3
80	3.3	0.2
90	2.1	0.1
95	1.4	0.0
100	0.6	0.0

REFERENCE NO. 58



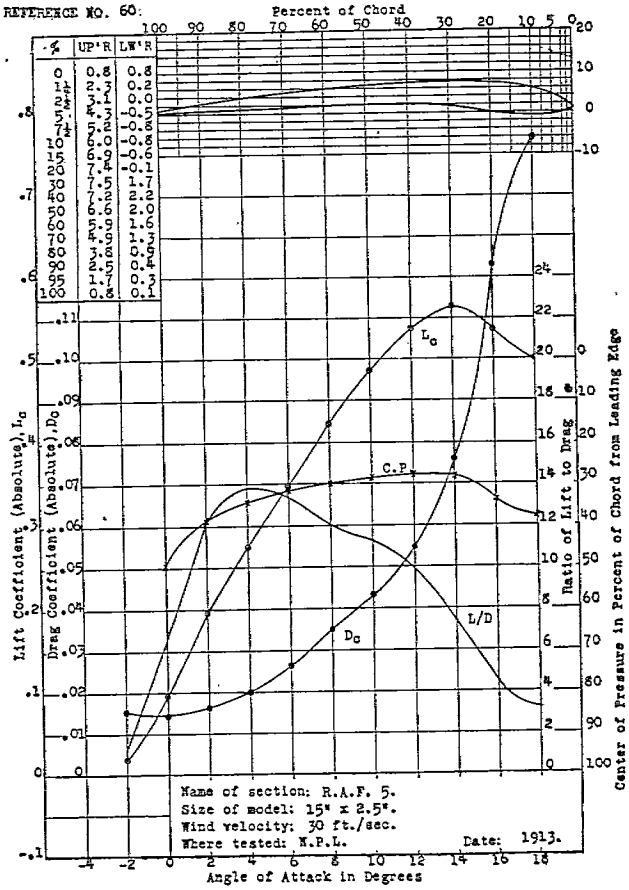
%	UP'R	LW'R
0	0.8	0.8
1¼	2.0	0.0
2½	3.0	0.0
5	4.4	0.3
7½	5.5	1.2
10	6.5	1.6
15	7.7	2.1
20	8.4	2.4
30	8.8	2.6
40	8.8	2.6
50	8.5	2.4
60	7.8	2.1
70	6.9	1.7
80	5.6	1.2
90	3.9	0.8
95	2.7	0.4
100	0.7	0.0

REFERENCE NO. 59



%	UP'R	LW'R
0	0.8	0.8
1¼	2.2	0.1
2½	3.1	0.0
5	4.3	0.9
7½	5.3	1.3
10	6.0	1.6
15	6.9	2.0
20	7.4	2.1
30	7.5	2.2
40	7.2	2.1
50	6.6	1.9
60	5.9	1.6
70	4.9	1.3
80	3.8	0.9
90	2.5	0.4
95	1.7	0.2
100	0.8	0.1

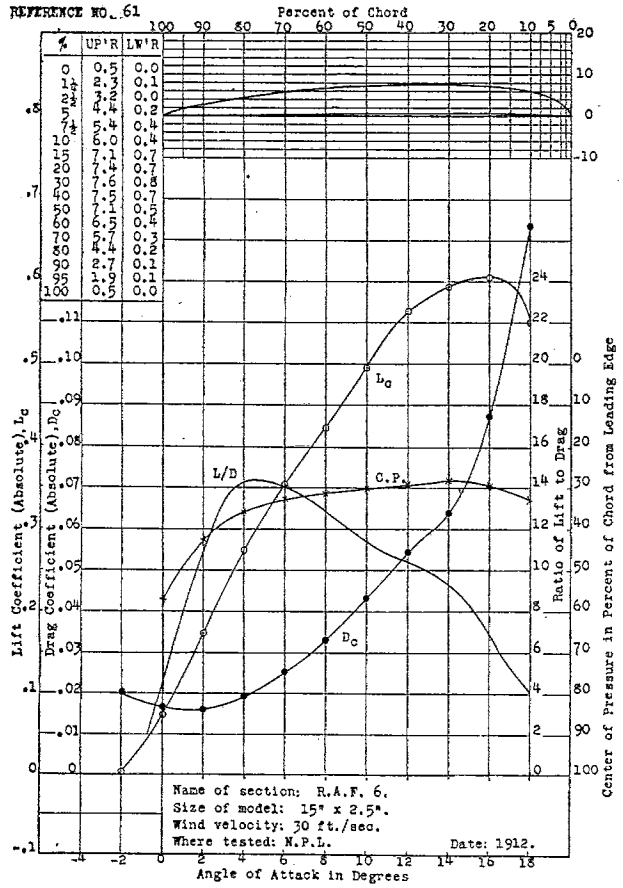
REFERENCE NO. 60



%	UP'R	LW'R
0	0.8	0.8
1¼	2.3	0.2
2½	3.1	0.0
5	4.3	-0.5
7½	5.2	-0.8
10	6.0	-0.8
15	6.9	-0.6
20	7.4	-0.1
30	7.5	1.7
40	7.2	2.2
50	6.6	2.0
60	5.9	1.6
70	4.9	1.3
80	3.8	0.9
90	2.5	0.4
95	1.7	0.3
100	0.8	0.1

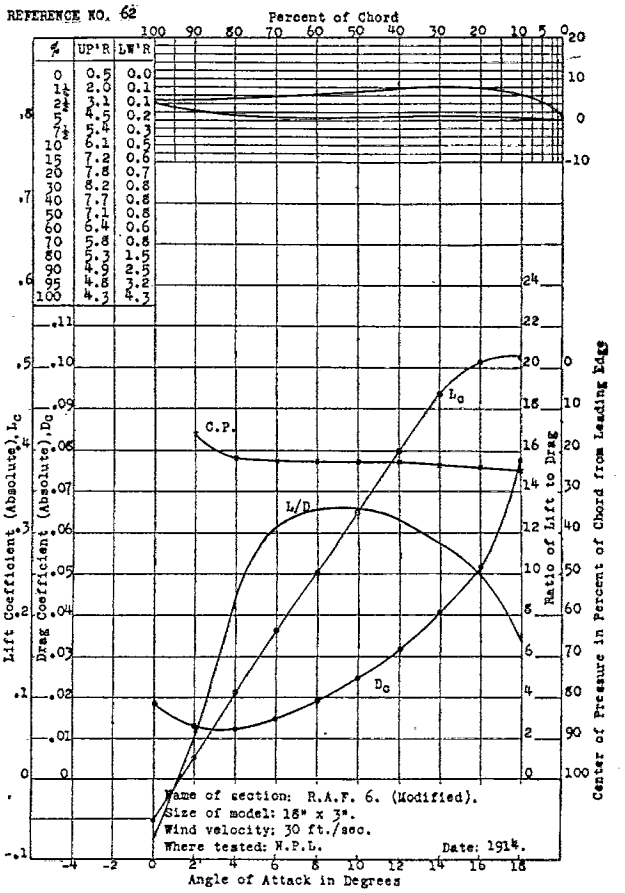
REFERENCE NO. 61

%	UP'R	LW'R
0	0.5	0.0
1¼	2.3	0.1
2½	3.2	0.0
5	4.4	0.2
7½	5.4	0.4
10	6.0	0.4
15	7.1	0.7
20	7.4	0.7
30	7.6	0.8
40	7.5	0.7
50	7.1	0.5
60	6.5	0.4
70	5.7	0.3
80	4.4	0.2
90	2.7	0.2
95	1.9	0.1
100	0.5	0.0



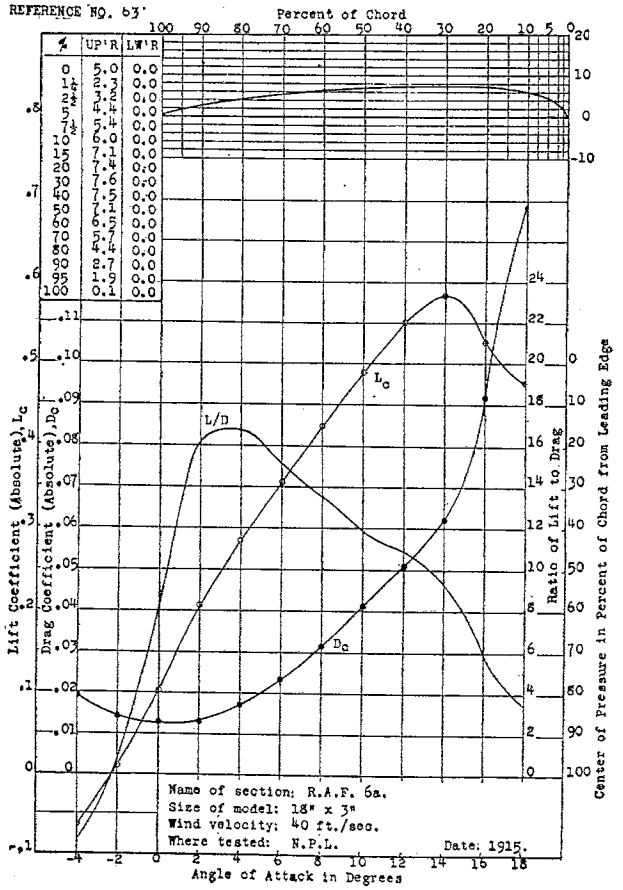
REFERENCE NO. 62

%	UP'R	LW'R
0	0.5	0.0
1¼	2.3	0.1
2½	3.2	0.1
5	4.4	0.2
7½	5.5	0.3
10	6.1	0.3
15	7.2	0.5
20	7.8	0.7
30	8.2	0.8
40	7.7	0.8
50	7.1	0.8
60	6.4	0.6
70	5.6	0.6
80	4.5	1.5
90	3.0	2.5
95	2.2	3.2
100	1.3	4.3



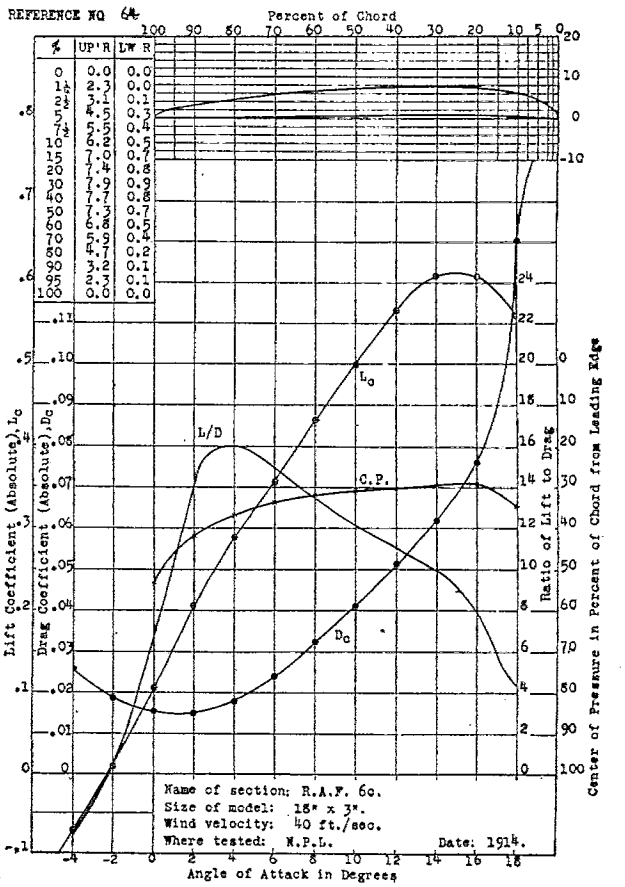
REFERENCE NO. 63

%	UP'R	LW'R
0	5.0	0.0
1¼	2.3	0.0
2½	3.8	0.0
5	4.4	0.0
7½	5.4	0.0
10	6.0	0.0
15	7.1	0.0
20	7.4	0.0
30	7.6	0.0
40	7.5	0.0
50	7.1	0.0
60	6.5	0.0
70	5.7	0.0
80	4.4	0.0
90	2.7	0.0
95	1.9	0.0
100	0.1	0.0

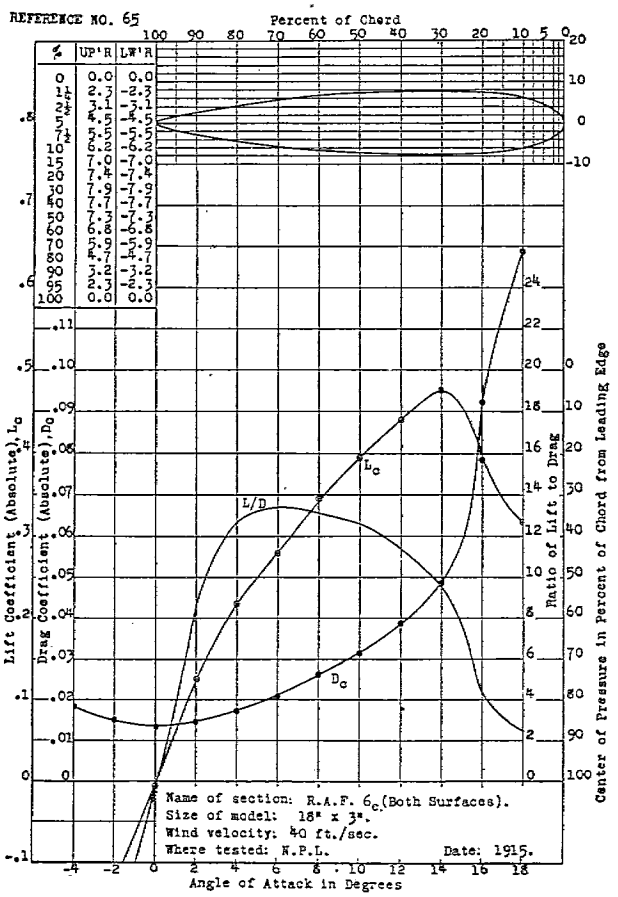


REFERENCE NO 64

%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	0.0
2½	3.1	0.1
5	4.5	0.3
7½	5.5	0.4
10	6.3	0.5
15	7.0	0.7
20	7.4	0.8
30	7.9	0.9
40	7.7	0.8
50	7.3	0.7
60	6.6	0.5
70	5.9	0.4
80	4.7	0.2
90	3.2	0.1
95	2.3	0.1
100	0.0	0.0

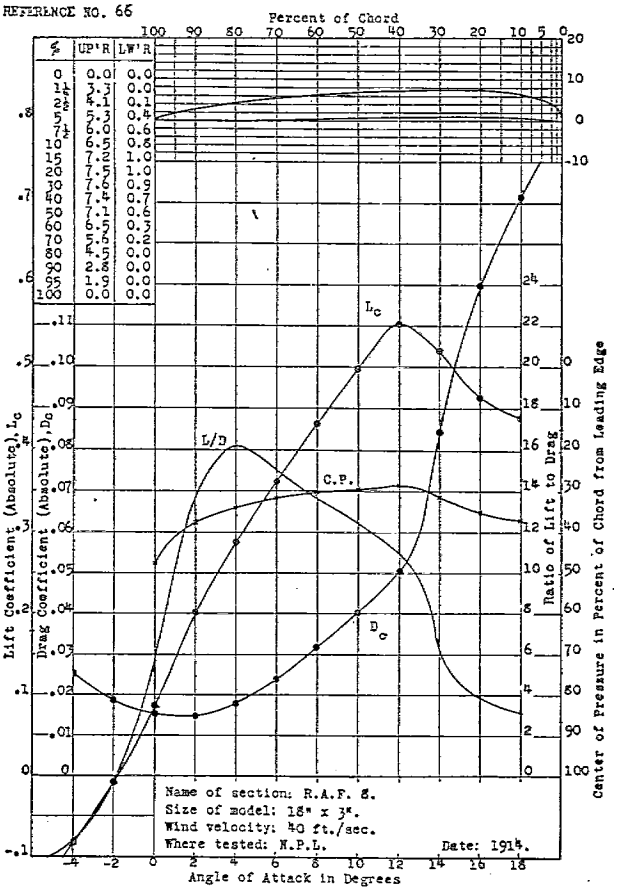


REFERENCE NO. 65



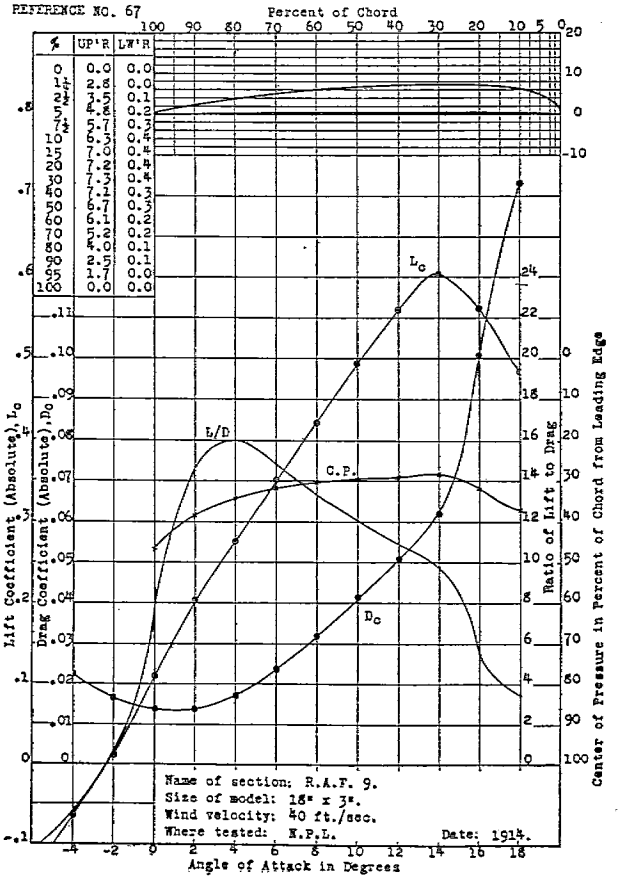
%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	-2.3
2½	3.1	-3.1
5	4.5	-4.5
7½	5.5	-5.5
10	6.2	-6.2
15	7.0	-7.0
20	7.4	-7.4
30	7.9	-7.9
40	7.7	-7.7
50	7.3	-7.3
60	6.8	-6.8
70	5.9	-5.9
80	4.7	-4.7
90	3.2	-3.2
95	2.3	-2.3
100	0.0	0.0

REFERENCE NO. 66



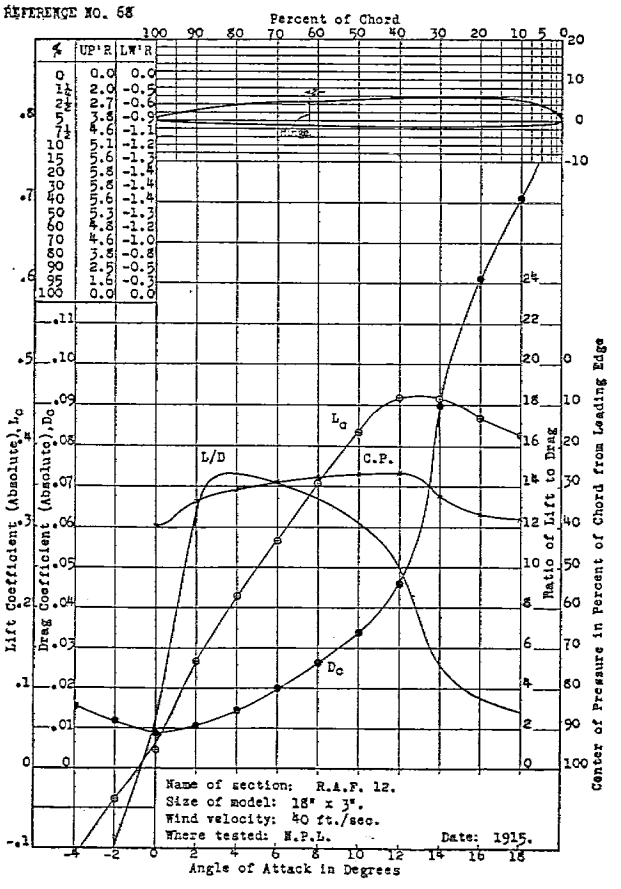
%	UP'R	LW'R
0	0.0	0.0
1¼	3.3	0.0
2½	4.1	0.1
5	5.3	0.4
7½	6.0	0.6
10	6.5	0.8
15	7.2	1.0
20	7.5	1.0
30	7.6	0.9
40	7.4	0.7
50	7.1	0.6
60	6.5	0.3
70	5.6	0.2
80	4.5	0.0
90	2.8	0.0
95	1.9	0.0
100	0.0	0.0

REFERENCE NO. 67



%	UP'R	LW'R
0	0.0	0.0
1¼	2.8	0.0
2½	3.5	0.1
5	4.8	0.2
7½	5.7	0.3
10	6.3	0.4
15	7.0	0.4
20	7.2	0.4
30	7.5	0.4
40	7.2	0.3
50	6.7	0.3
60	6.1	0.2
70	5.2	0.2
80	4.0	0.1
90	2.5	0.1
95	1.7	0.0
100	0.0	0.0

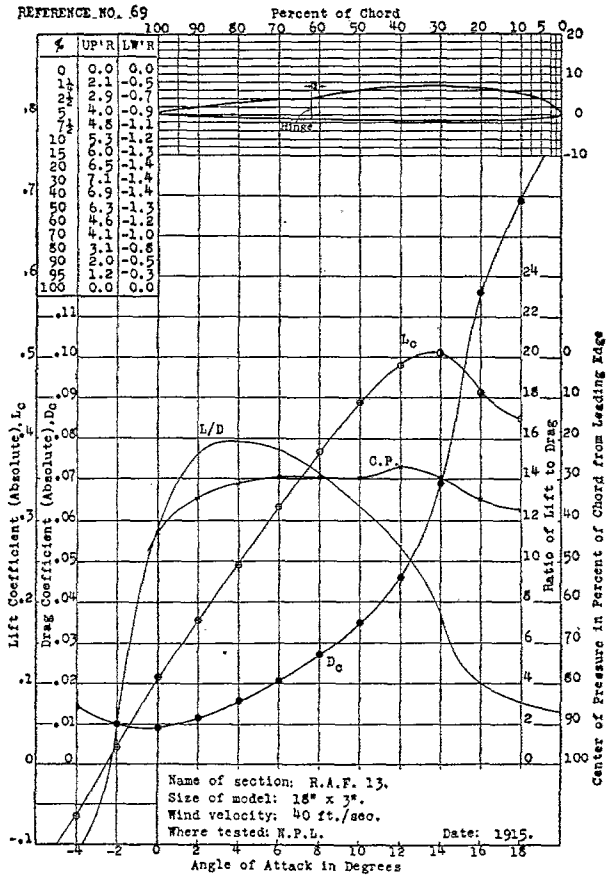
REFERENCE NO. 68



%	UP'R	LW'R
0	0.0	0.0
1¼	2.0	-0.5
2½	2.7	-0.6
5	3.8	-0.9
7½	4.6	-1.1
10	5.1	-1.2
15	5.6	-1.3
20	5.8	-1.4
30	5.8	-1.4
40	5.6	-1.4
50	5.3	-1.3
60	4.8	-1.2
70	4.6	-1.0
80	3.4	-0.8
90	2.5	-0.5
95	1.5	-0.3
100	0.0	0.0

REFERENCE NO. 69

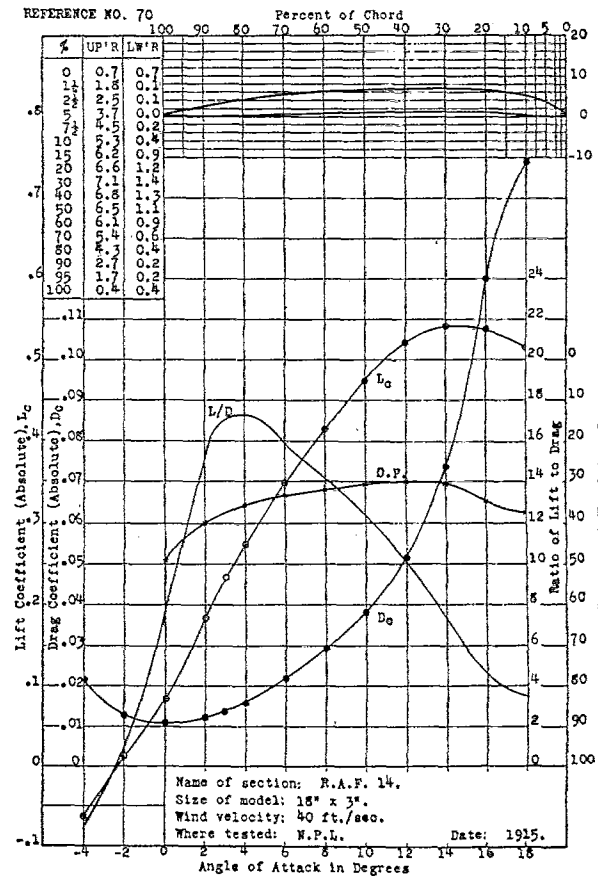
%	UP'R	LW'R
0	0.0	0.0
1¼	2.1	-0.5
2½	2.9	-0.7
5	4.0	-0.9
7½	4.8	-1.1
10	5.3	-1.2
15	6.0	-1.3
20	6.5	-1.4
30	7.1	-1.4
40	6.9	-1.4
50	6.3	-1.3
60	4.6	-1.2
70	4.1	-1.0
80	3.1	-0.8
90	2.0	-0.5
95	1.2	-0.3
100	0.0	0.0



Name of section: R.A.F. 13.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1915.

REFERENCE NO. 70

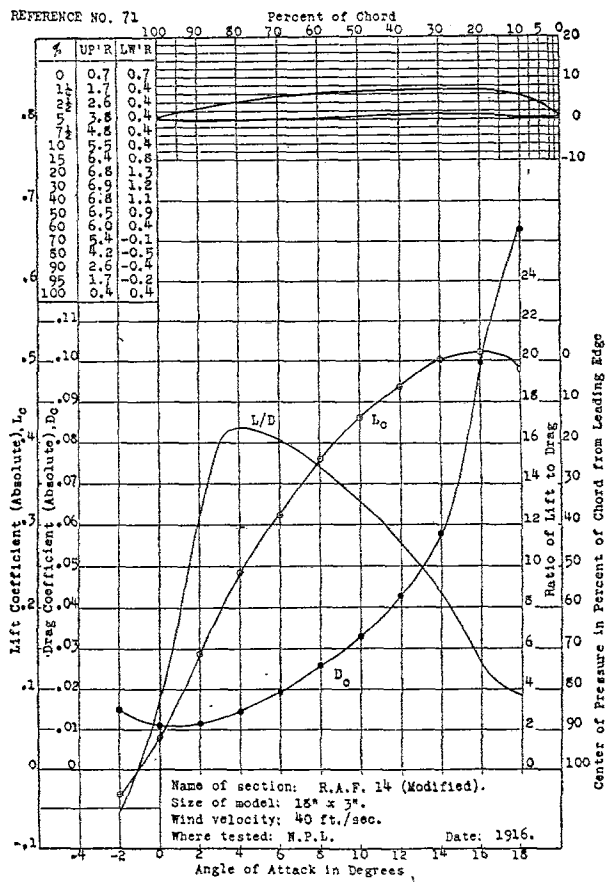
%	UP'R	LW'R
0	0.7	0.7
1¼	1.8	0.1
2½	2.5	0.1
5	3.7	0.0
7½	4.5	0.2
10	5.3	0.4
15	6.2	0.9
20	6.6	1.2
30	7.1	1.4
40	6.8	1.3
50	6.5	1.1
60	6.1	0.9
70	5.4	0.6
80	4.3	0.4
90	2.7	0.2
95	1.7	0.2
100	0.4	0.4



Name of section: R.A.F. 14.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1915.

REFERENCE NO. 71

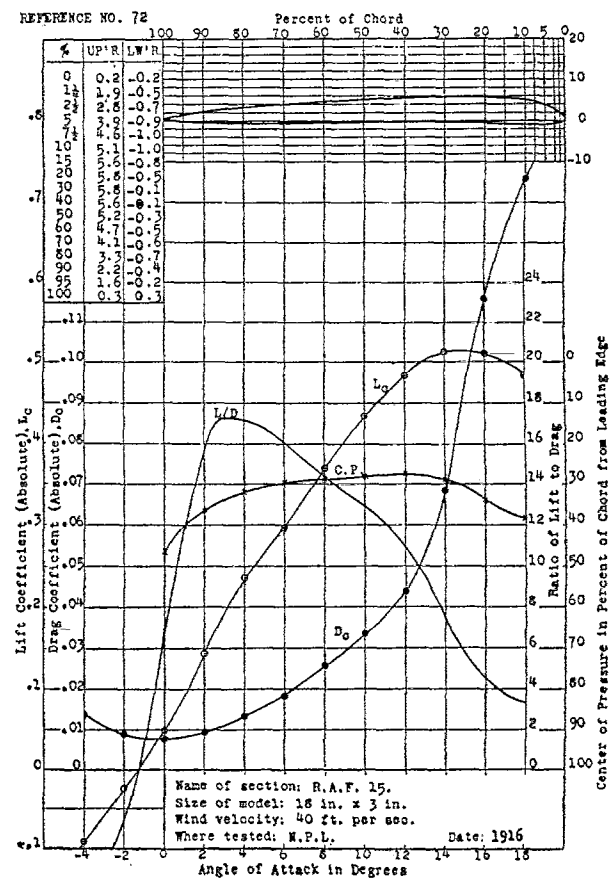
%	UP'R	LW'R
0	0.7	0.7
1¼	1.7	0.4
2½	2.6	0.4
5	3.8	0.4
7½	4.8	0.4
10	5.5	0.4
15	6.4	0.8
20	6.8	1.3
30	6.9	1.2
40	6.8	1.1
50	6.5	0.9
60	6.0	0.4
70	5.4	-0.1
80	4.8	-0.5
90	2.6	-0.4
95	1.7	-0.2
100	0.4	0.4



Name of section: R.A.F. 14 (Modified).
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1916.

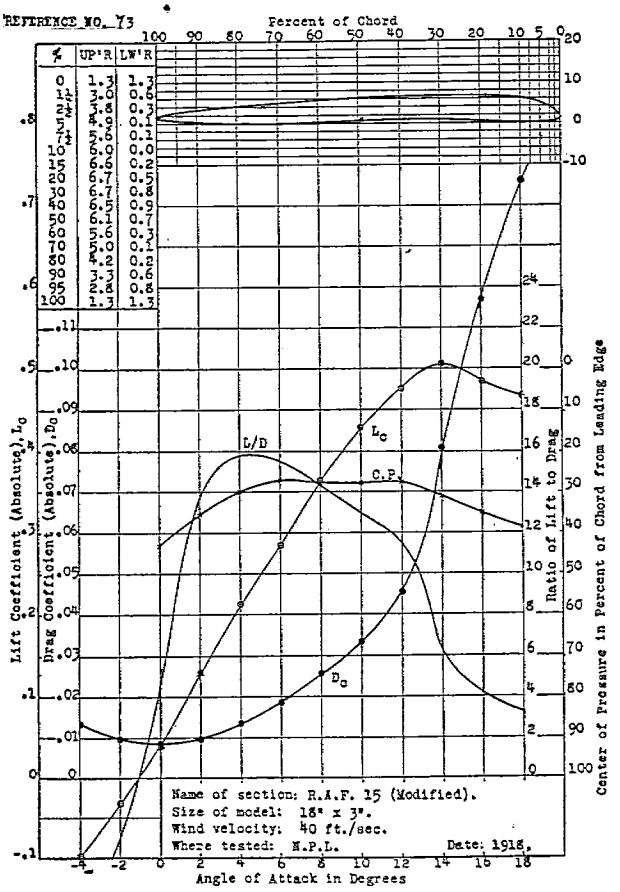
REFERENCE NO. 72

%	UP'R	LW'R
0	0.2	-0.2
1¼	1.9	-0.5
2½	2.8	-0.7
5	3.9	-0.9
7½	4.6	-1.0
10	5.1	-1.0
15	5.6	-0.8
20	5.8	-0.5
30	5.8	-0.1
40	5.6	-0.1
50	5.2	-0.3
60	4.7	-0.5
70	4.1	-0.6
80	3.3	-0.7
90	2.2	-0.4
95	1.6	-0.2
100	0.3	0.3



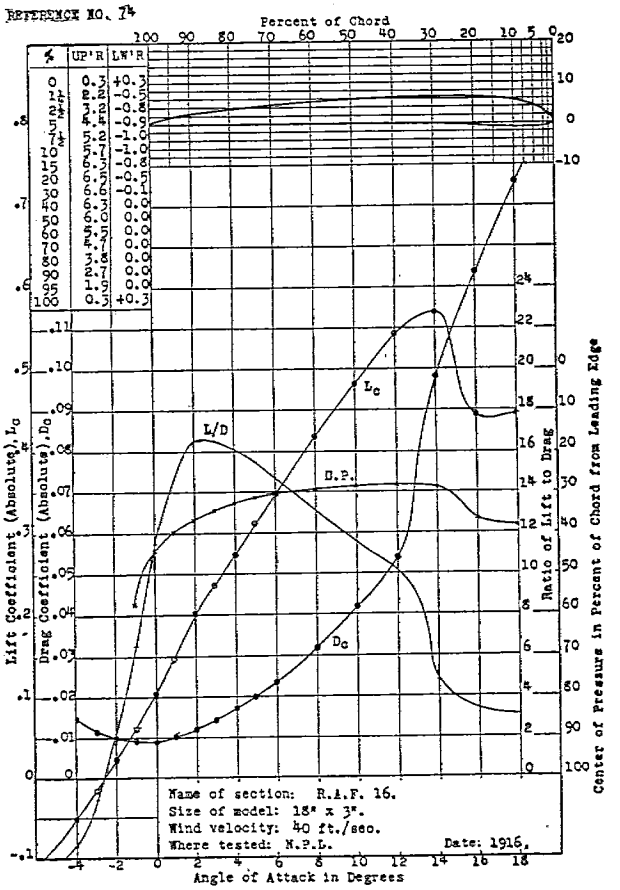
Name of section: R.A.F. 15.
Size of model: 18 in. x 3 in.
Wind velocity: 40 ft. per sec.
Where tested: N.P.L. Date: 1916

REFERENCE NO. 73



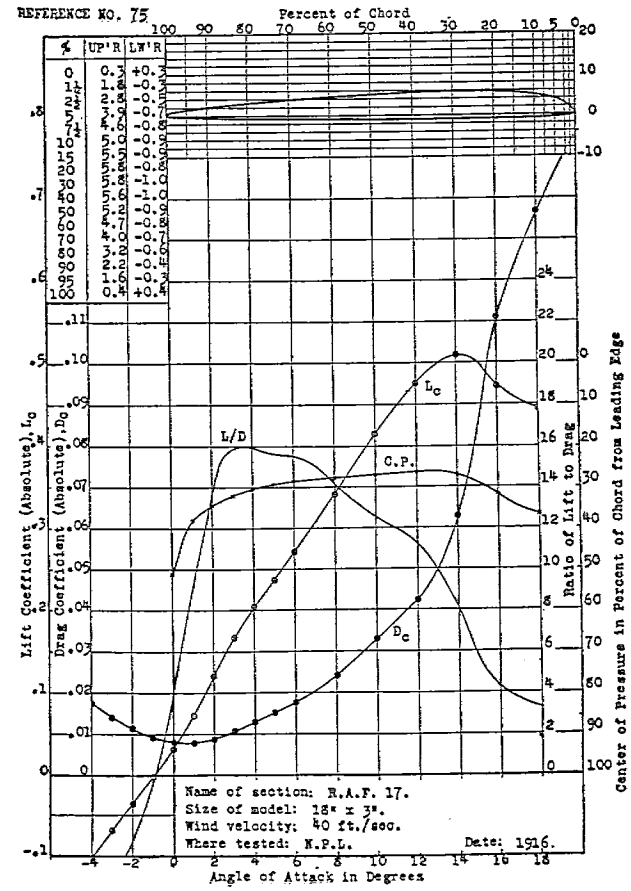
∠	UP'R	LW'R
0	1.3	1.3
1½	3.0	0.6
2½	3.8	0.3
5	4.9	0.1
7½	5.6	0.1
10	6.0	0.0
15	6.6	0.2
20	6.7	0.5
30	6.7	0.8
40	6.5	0.9
50	6.1	0.7
60	5.6	0.3
70	5.0	0.1
80	4.2	0.2
90	3.3	0.6
95	2.8	0.8
100	1.3	1.3

REFERENCE NO. 74



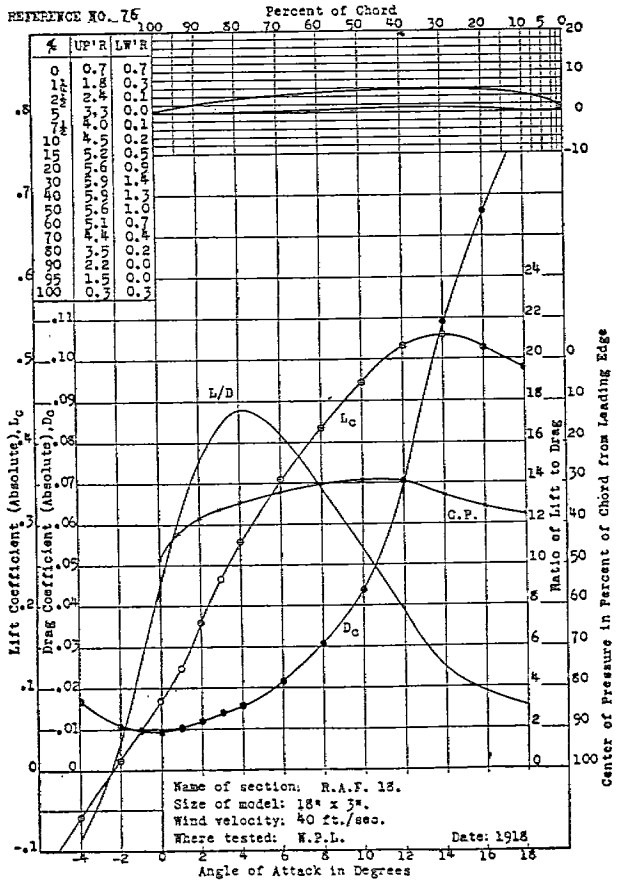
∠	UP'R	LW'R
0	0.3	+0.3
1½	2.1	-0.5
2½	3.1	-0.8
5	4.8	-0.9
7½	5.8	-1.0
10	5.7	-1.0
15	6.3	-0.8
20	6.5	-0.5
30	6.6	-0.1
40	6.3	0.0
50	6.0	0.0
60	5.5	0.0
70	4.7	0.0
80	3.8	0.0
90	2.7	0.0
95	1.9	0.0
100	0.3	+0.3

REFERENCE NO. 75



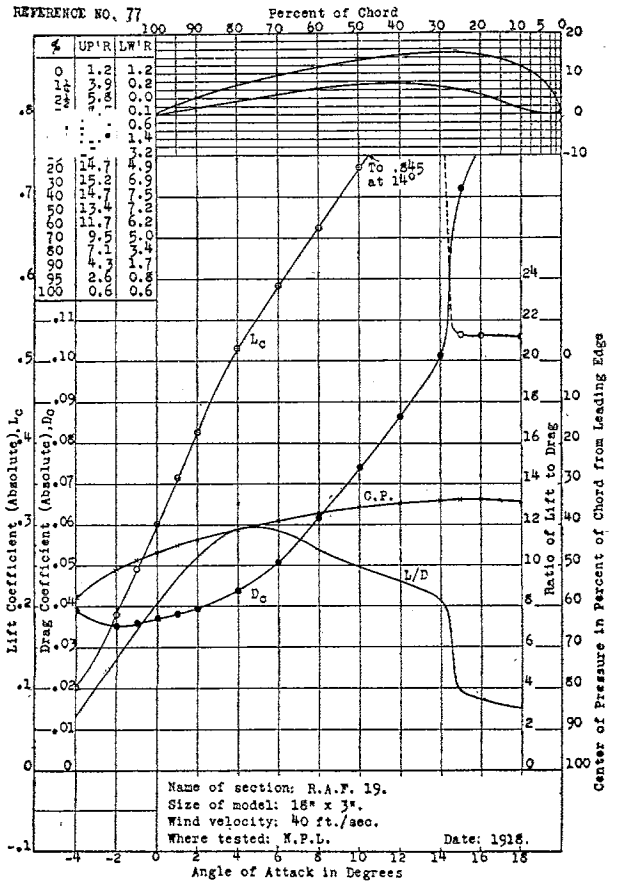
∠	UP'R	LW'R
0	0.3	+0.3
1½	1.1	-0.3
2½	2.1	-0.6
5	3.8	-0.8
7½	4.9	-0.9
10	5.7	-1.0
15	6.3	-0.9
20	6.5	-0.6
30	6.6	-0.2
40	6.4	0.0
50	6.1	0.0
60	5.6	0.0
70	4.8	0.0
80	3.8	0.0
90	2.7	0.0
95	1.9	0.0
100	0.3	+0.3

REFERENCE NO. 76



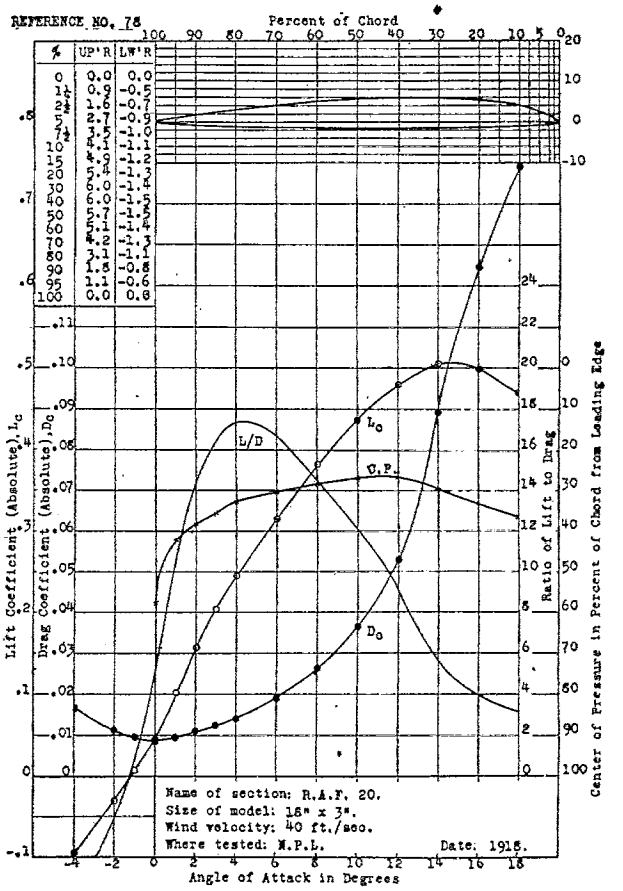
∠	UP'R	LW'R
0	0.7	0.7
1½	1.8	0.3
2½	2.4	0.1
5	3.3	0.0
7½	4.0	0.1
10	4.5	0.2
15	5.5	0.5
20	6.2	0.8
30	6.6	1.1
40	6.5	1.3
50	6.3	1.1
60	5.8	0.7
70	4.9	0.4
80	3.9	0.2
90	2.8	0.0
95	1.9	0.0
100	0.3	0.3

REFERENCE NO. 77



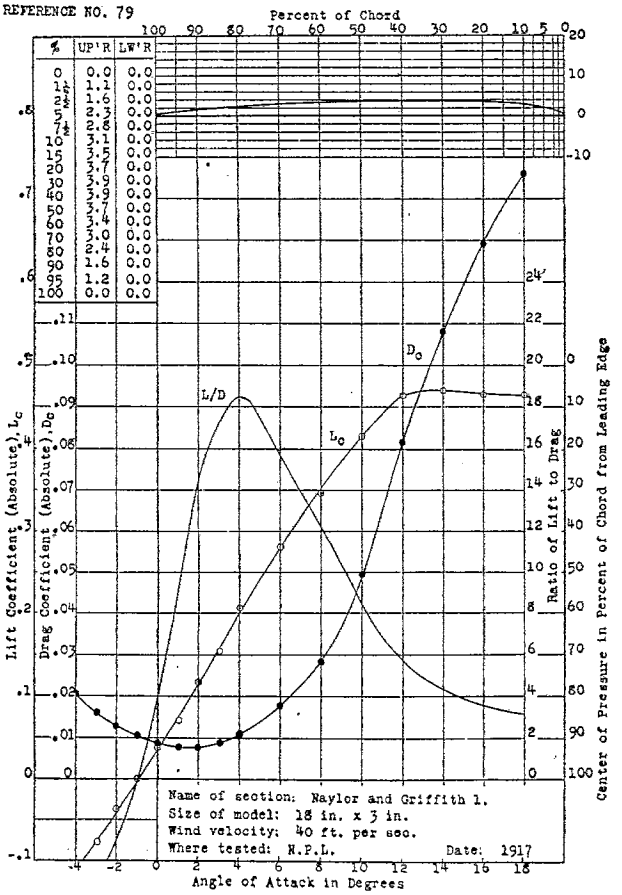
%	UP'R	LW'R
0	1.2	1.2
1¼	3.0	0.2
2½	3.5	0.0
5	3.2	0.1
7½	2.6	0.6
10	1.4	1.4
15	0.2	3.2
20	14.7	4.9
30	15.3	6.9
40	14.7	7.5
50	13.4	7.2
60	11.7	6.2
70	9.5	5.0
80	7.1	3.4
90	4.3	1.7
95	2.6	0.8
100	0.6	0.6

REFERENCE NO. 78



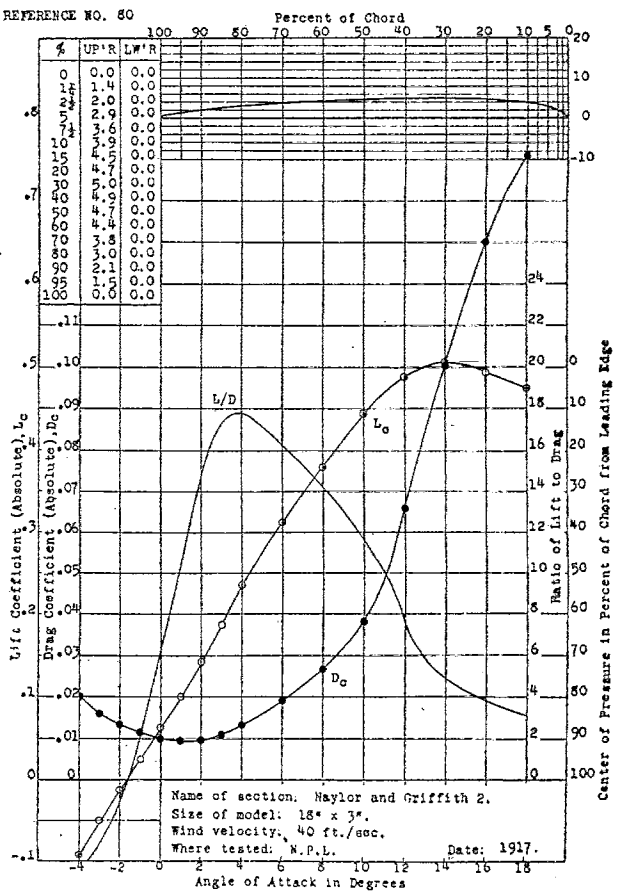
%	UP'R	LW'R
0	0.0	0.0
1¼	0.9	-0.5
2½	1.7	-0.9
5	2.5	-1.0
7½	3.0	-1.1
10	3.4	-1.2
15	4.1	-1.3
20	4.6	-1.3
30	5.0	-1.3
40	5.1	-1.3
50	5.0	-1.3
60	4.7	-1.3
70	4.2	-1.3
80	3.1	-1.1
90	1.5	-0.8
95	1.1	-0.6
100	0.0	0.0

REFERENCE NO. 79



%	UP'R	LW'R
0	0.0	0.0
1¼	1.1	0.0
2½	1.6	0.0
5	2.3	0.0
7½	2.8	0.0
10	3.1	0.0
15	3.5	0.0
20	3.7	0.0
30	3.9	0.0
40	3.9	0.0
50	3.7	0.0
60	3.4	0.0
70	3.0	0.0
80	2.4	0.0
90	1.6	0.0
95	1.2	0.0
100	0.0	0.0

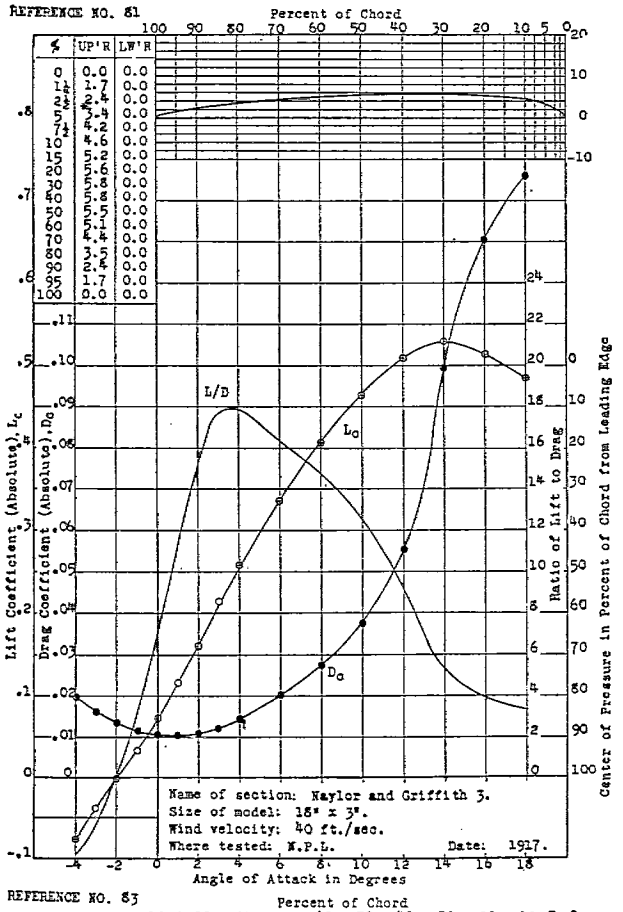
REFERENCE NO. 80



%	UP'R	LW'R
0	0.0	0.0
1¼	1.4	0.0
2½	2.0	0.0
5	2.9	0.0
7½	3.6	0.0
10	3.9	0.0
15	4.5	0.0
20	4.7	0.0
30	5.0	0.0
40	4.9	0.0
50	4.7	0.0
60	4.4	0.0
70	3.8	0.0
80	3.0	0.0
90	2.1	0.0
95	1.5	0.0
100	0.0	0.0

REFERENCE NO. 81

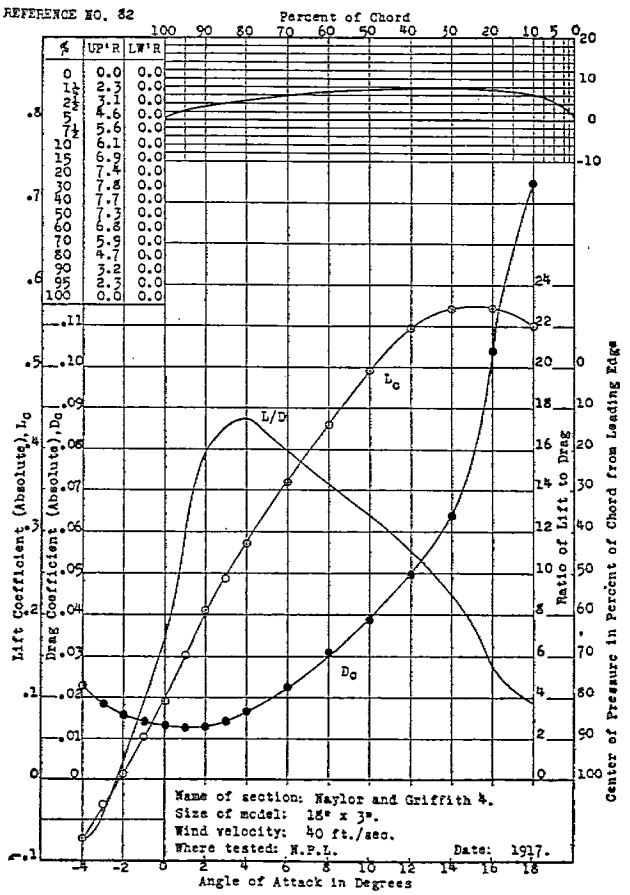
%	UP'R	LW'R
0	0.0	0.0
1¼	1.7	0.0
2½	2.4	0.0
5	3.4	0.0
7½	4.2	0.0
10	4.6	0.0
15	5.2	0.0
20	5.6	0.0
30	5.8	0.0
40	5.8	0.0
50	5.5	0.0
60	5.1	0.0
70	4.4	0.0
80	3.5	0.0
90	2.4	0.0
95	1.7	0.0
100	0.0	0.0



Name of section: Naylor and Griffith 3.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

REFERENCE NO. 82

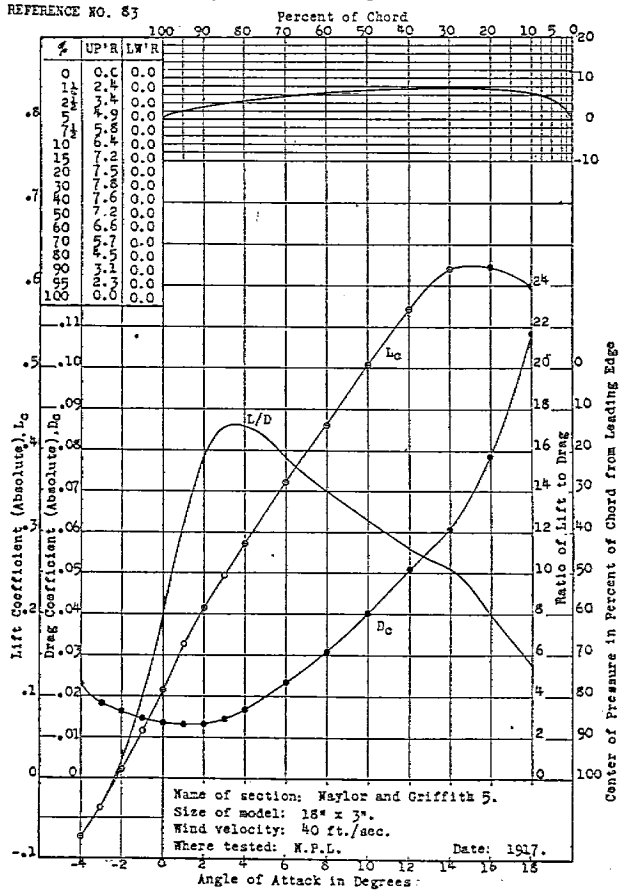
%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	0.0
2½	3.1	0.0
5	4.6	0.0
7½	5.6	0.0
10	6.1	0.0
15	6.9	0.0
20	7.4	0.0
30	7.8	0.0
40	7.7	0.0
50	7.3	0.0
60	6.8	0.0
70	5.9	0.0
80	4.7	0.0
90	3.2	0.0
95	2.3	0.0
100	0.0	0.0



Name of section: Naylor and Griffith 4.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

REFERENCE NO. 83

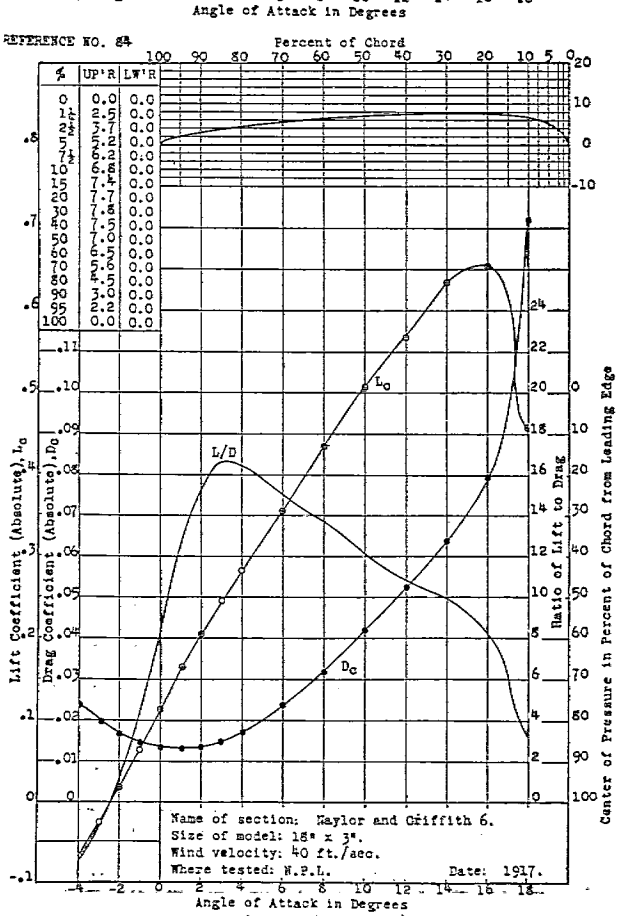
%	UP'R	LW'R
0	0.0	0.0
1¼	2.4	0.0
2½	3.4	0.0
5	4.9	0.0
7½	5.8	0.0
10	6.4	0.0
15	7.2	0.0
20	7.6	0.0
30	7.8	0.0
40	7.6	0.0
50	7.2	0.0
60	6.6	0.0
70	5.7	0.0
80	4.5	0.0
90	3.1	0.0
95	2.1	0.0
100	0.0	0.0



Name of section: Naylor and Griffith 5.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

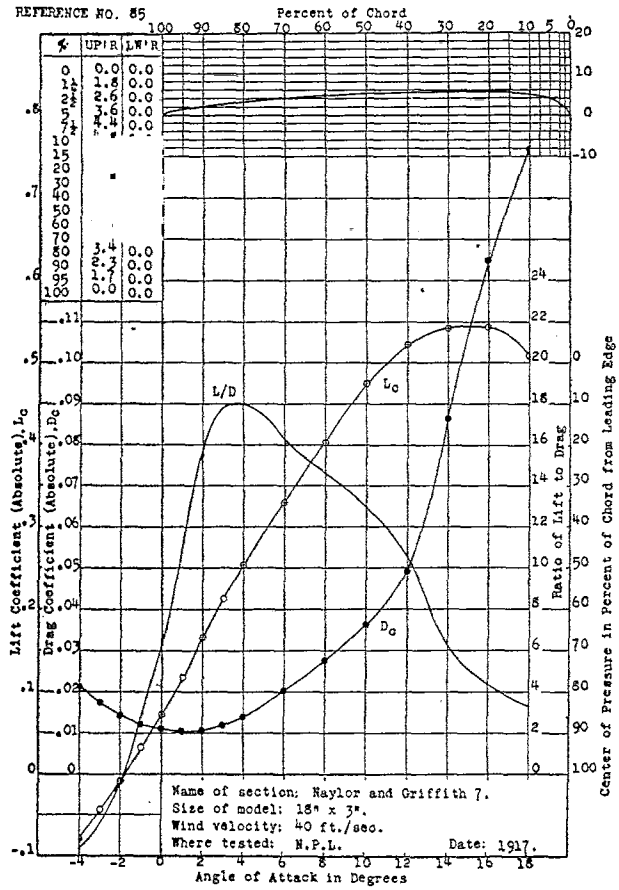
REFERENCE NO. 84

%	UP'R	LW'R
0	0.0	0.0
1¼	2.5	0.0
2½	3.7	0.0
5	5.2	0.0
7½	6.2	0.0
10	6.8	0.0
15	7.4	0.0
20	7.7	0.0
30	7.8	0.0
40	7.5	0.0
50	7.0	0.0
60	6.5	0.0
70	5.8	0.0
80	4.5	0.0
90	3.0	0.0
95	2.2	0.0
100	0.0	0.0

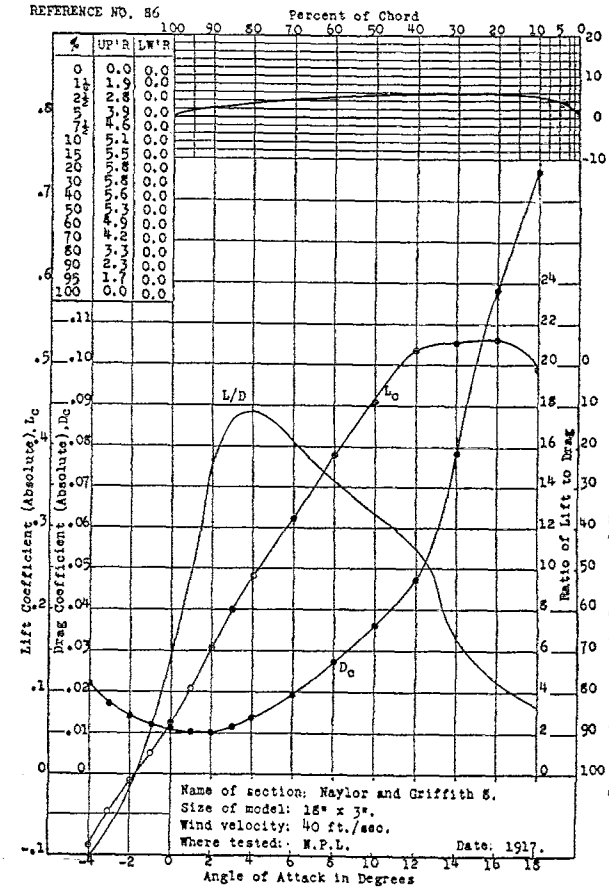


Name of section: Naylor and Griffith 6.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

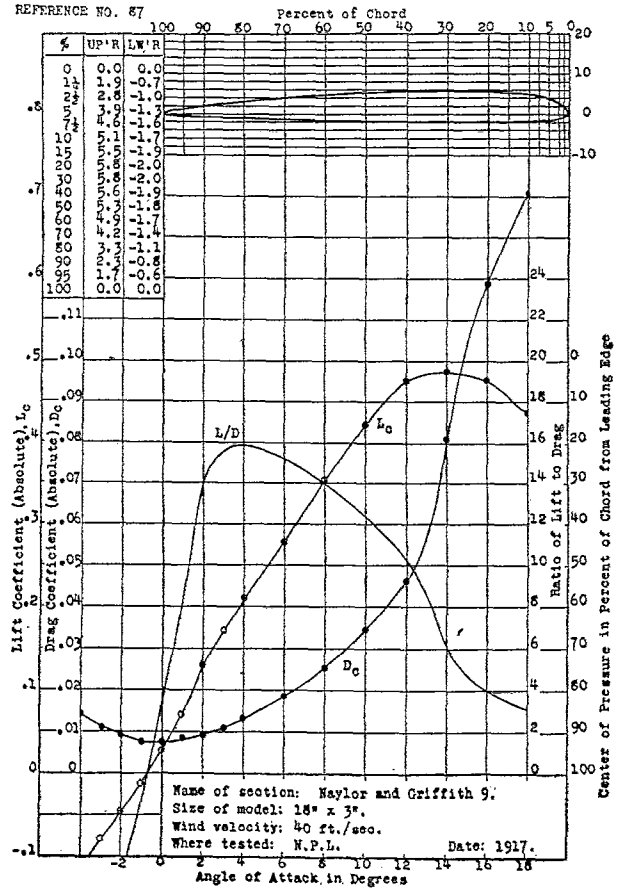
REFERENCE NO. 85



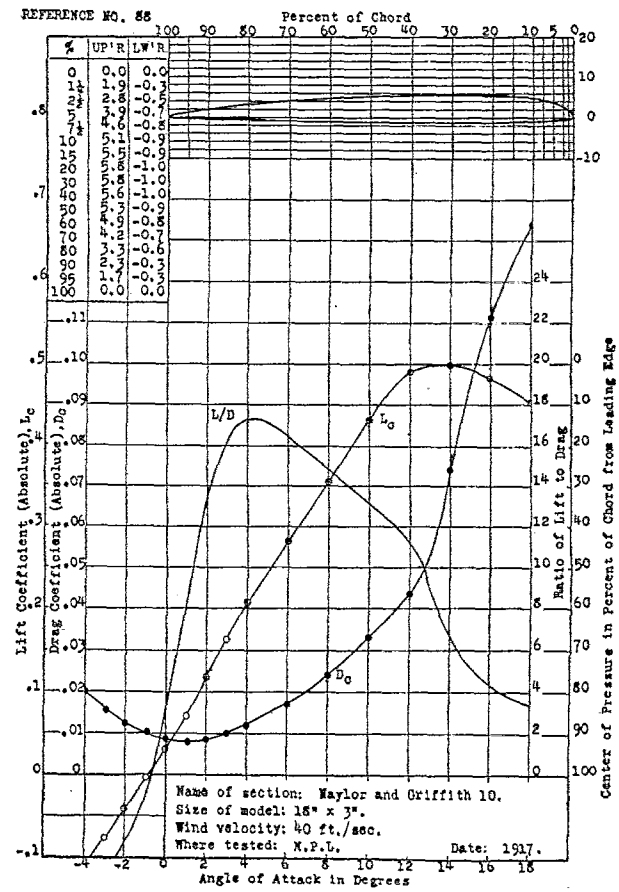
REFERENCE NO. 86



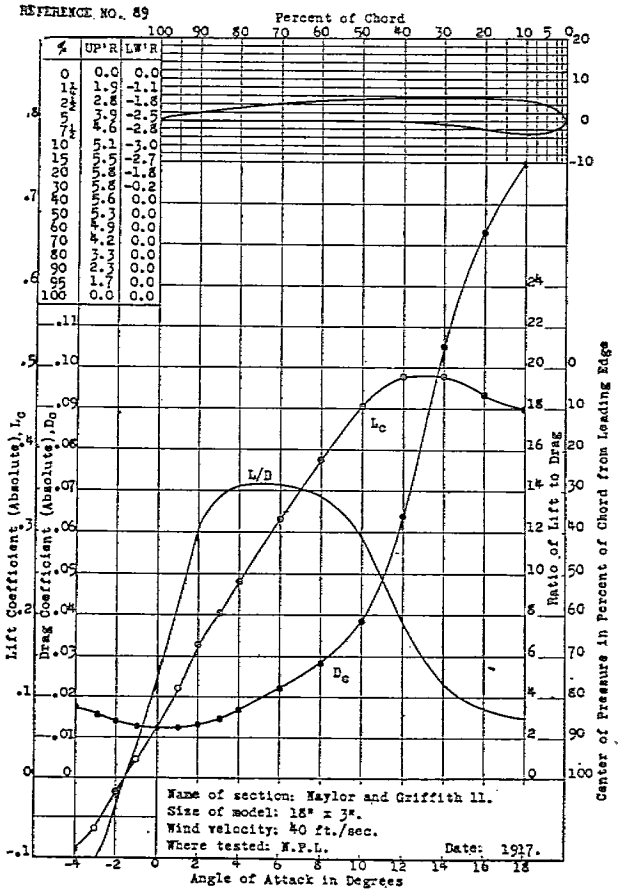
REFERENCE NO. 87



REFERENCE NO. 88

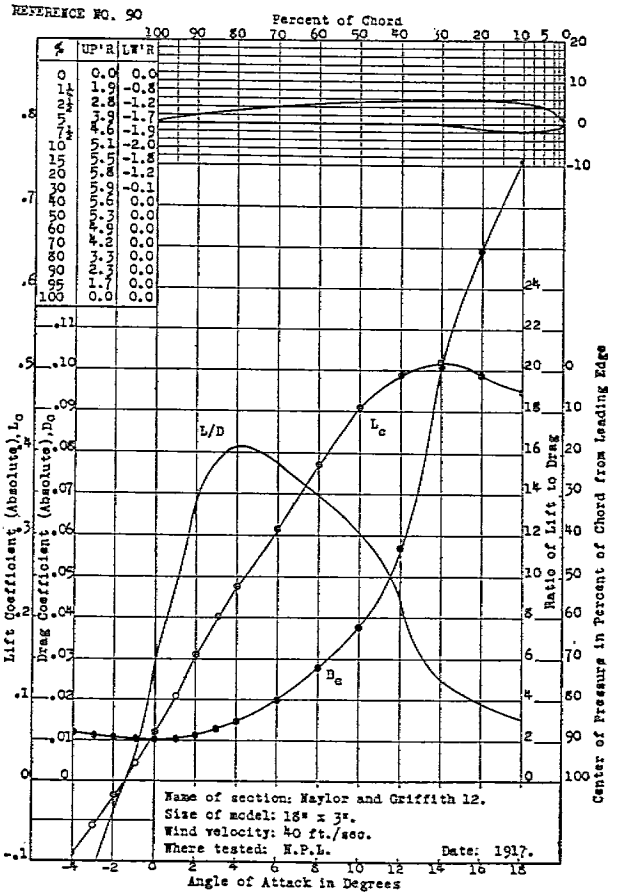


REFERENCE NO. 89



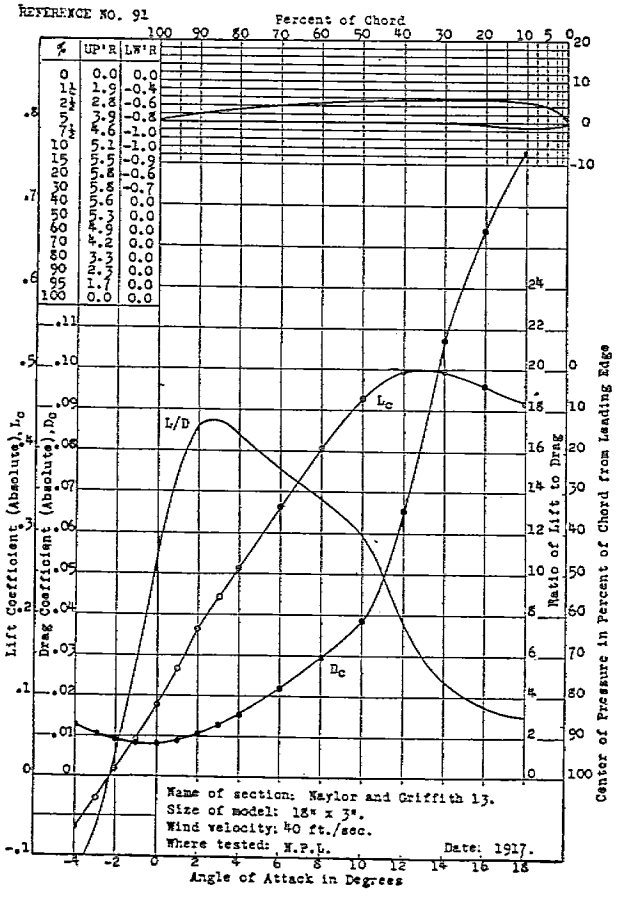
%	UP'R	LW'R
0	0.0	0.0
1¼	1.9	-1.1
2½	2.8	-1.8
5	3.9	-2.5
7½	4.6	-2.8
10	5.1	-3.0
15	5.5	-2.7
20	5.8	-1.8
30	5.8	-0.2
40	5.6	0.0
50	5.3	0.0
60	4.9	0.0
70	4.2	0.0
80	3.3	0.0
90	2.3	0.0
95	1.7	0.0
100	0.0	0.0

REFERENCE NO. 90



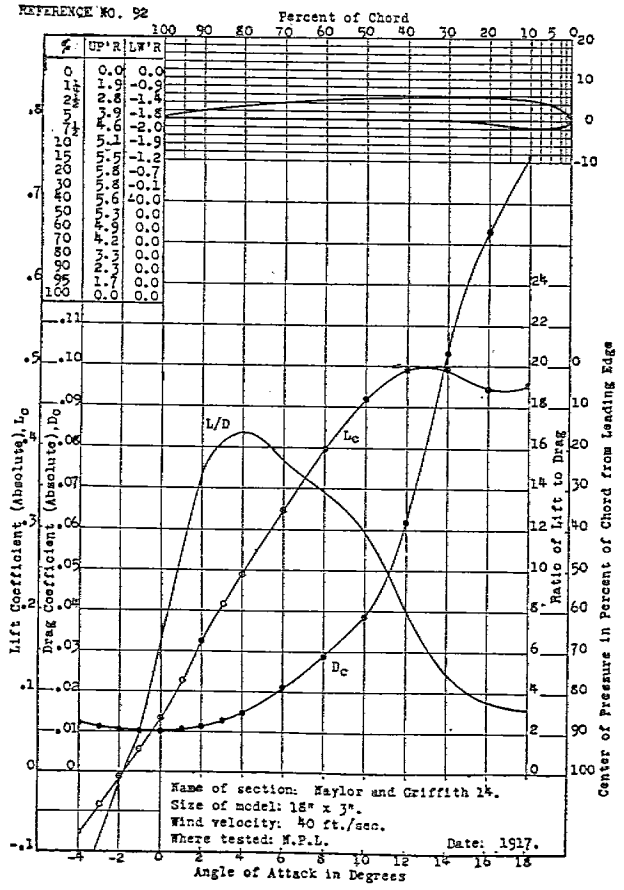
%	UP'R	LW'R
0	0.0	0.0
1¼	1.9	-0.8
2½	2.8	-1.2
5	3.9	-1.7
7½	4.6	-1.9
10	5.1	-2.0
15	5.5	-1.8
20	5.8	-1.2
30	5.9	-0.1
40	5.6	0.0
50	5.3	0.0
60	4.9	0.0
70	4.2	0.0
80	3.3	0.0
90	2.3	0.0
95	1.7	0.0
100	0.0	0.0

REFERENCE NO. 91



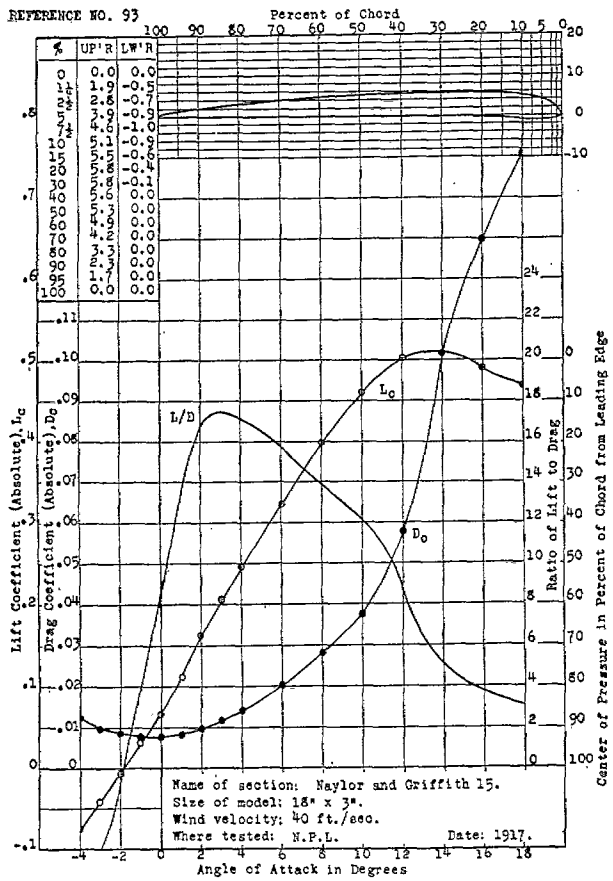
%	UP'R	LW'R
0	0.0	0.0
1¼	1.9	-0.4
2½	2.8	-0.6
5	3.9	-0.8
7½	4.6	-1.0
10	5.1	-1.0
15	5.5	-0.9
20	5.8	-0.6
30	5.8	-0.7
40	5.6	0.0
50	5.3	0.0
60	4.9	0.0
70	4.2	0.0
80	3.3	0.0
90	2.3	0.0
95	1.7	0.0
100	0.0	0.0

REFERENCE NO. 92

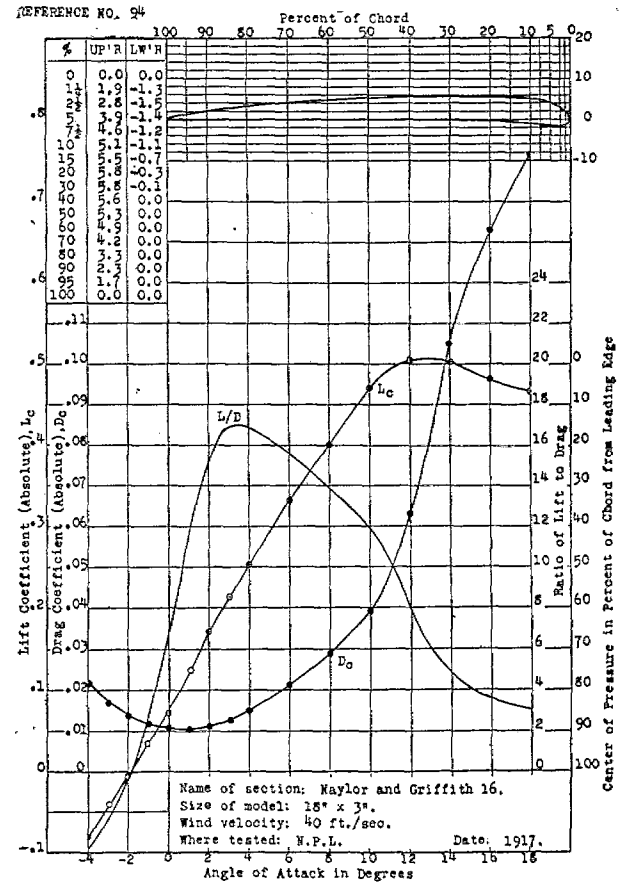


%	UP'R	LW'R
0	0.0	0.0
1¼	1.9	-0.9
2½	2.8	-1.4
5	3.9	-1.8
7½	4.6	-2.0
10	5.1	-1.9
15	5.5	-1.2
20	5.8	-0.7
30	5.8	-0.1
40	5.6	0.0
50	5.3	0.0
60	4.9	0.0
70	4.2	0.0
80	3.3	0.0
90	2.3	0.0
95	1.7	0.0
100	0.0	0.0

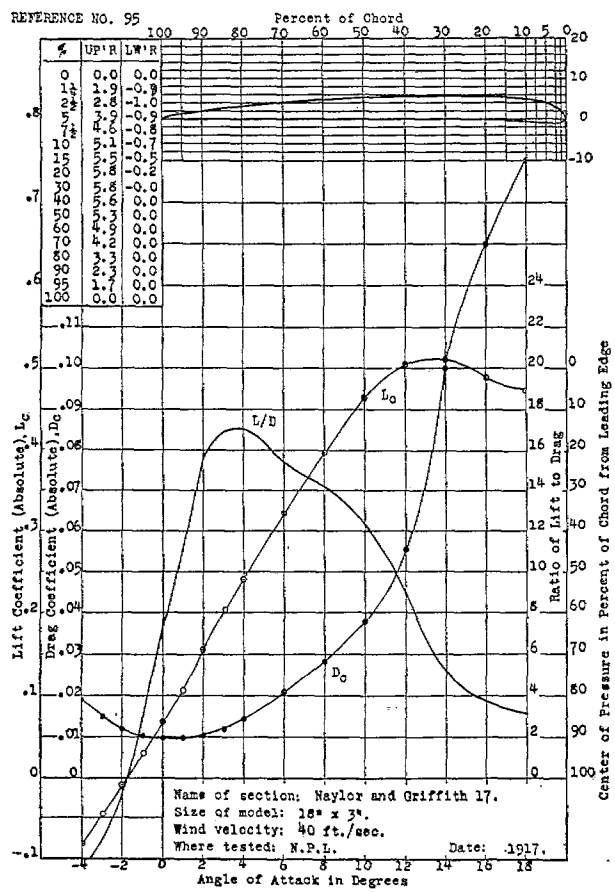
REFERENCE NO. 93



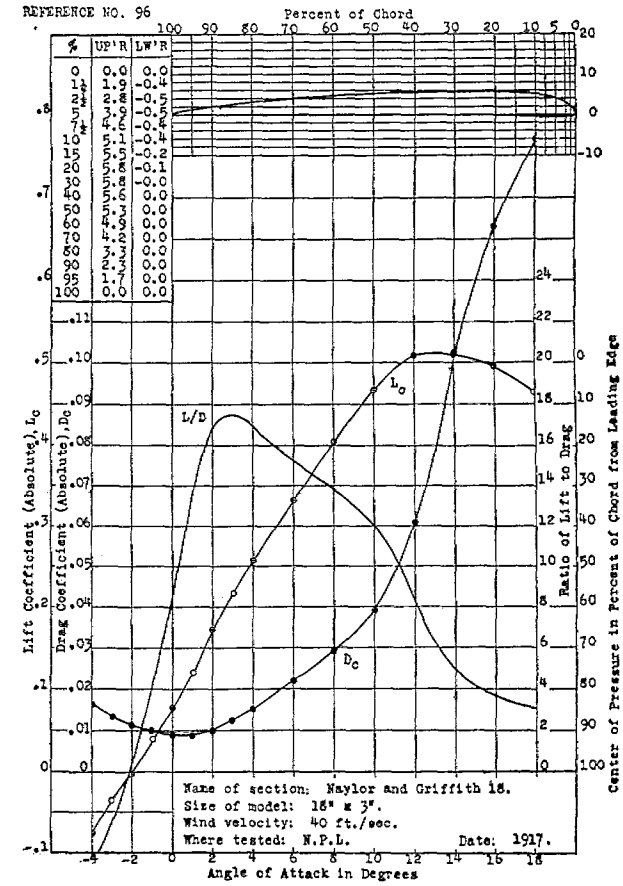
REFERENCE NO. 94

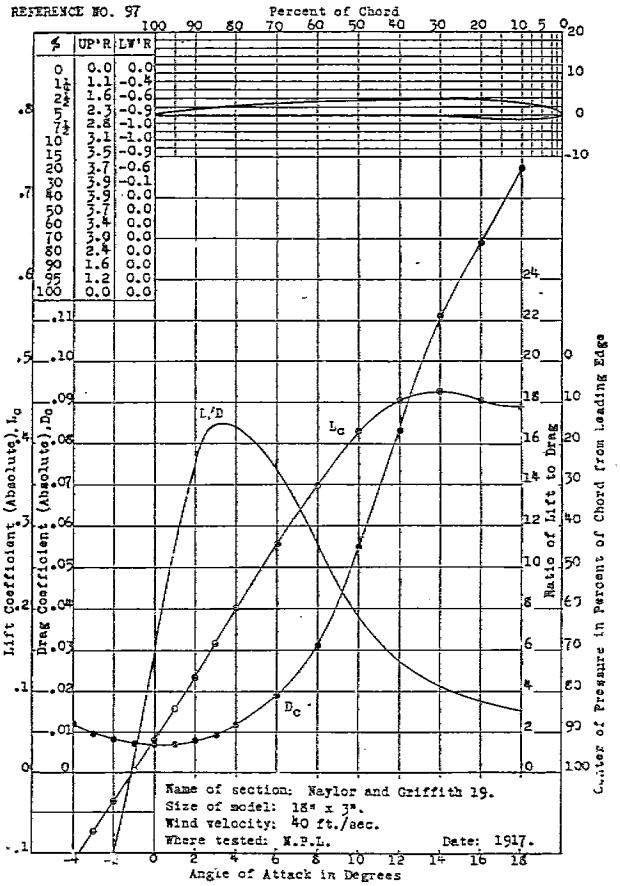


REFERENCE NO. 95

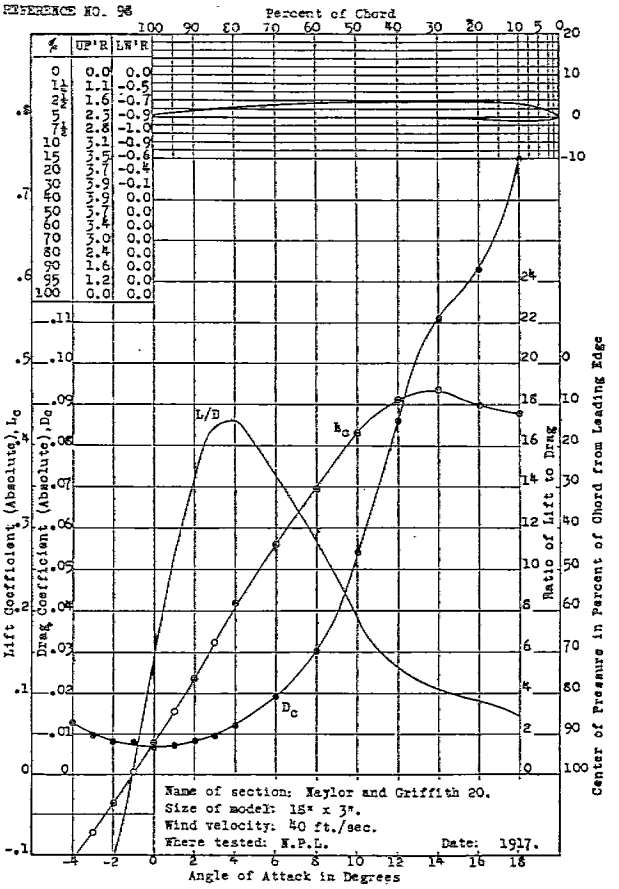


REFERENCE NO. 96

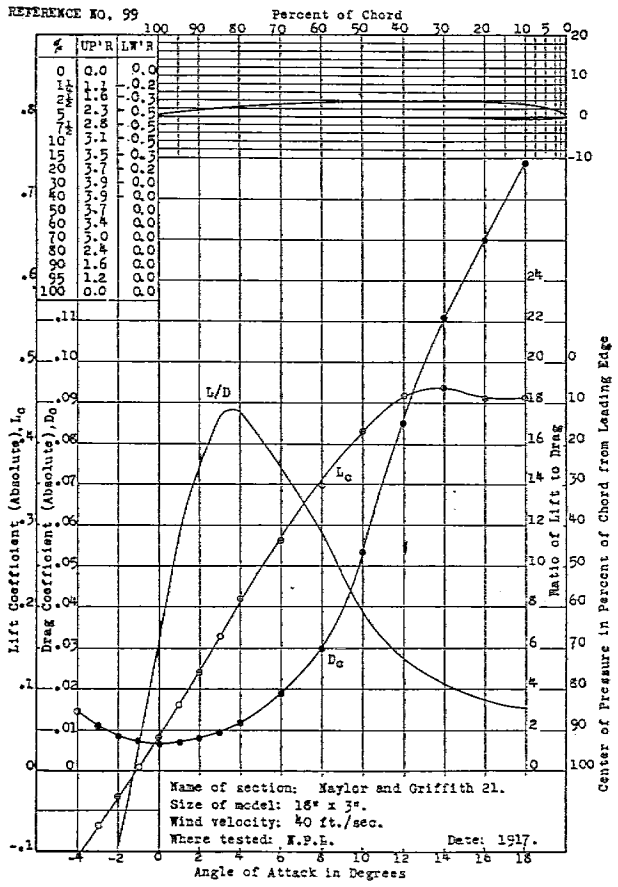




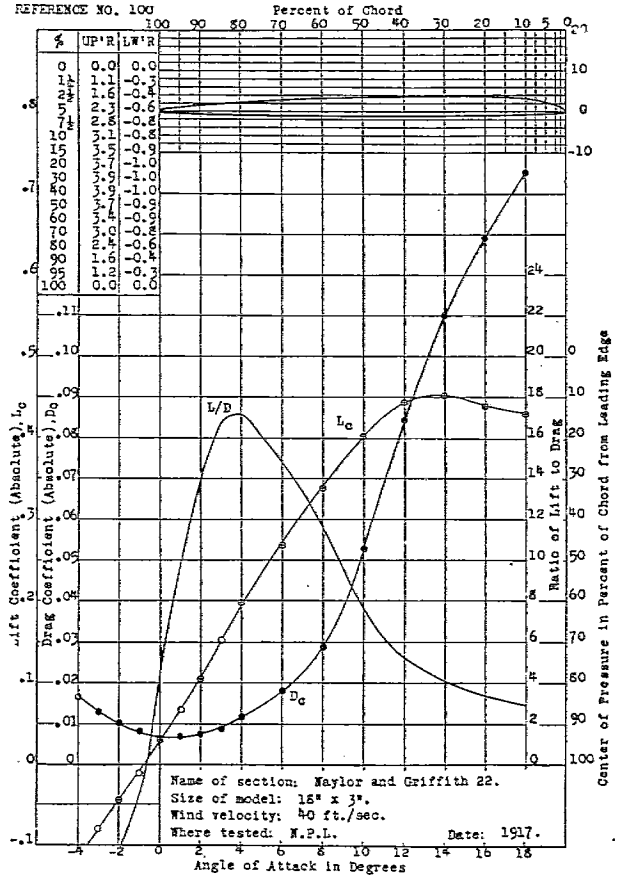
%	UP'R	LW'R
0	0.0	0.0
1¼	1.1	-0.4
2½	1.6	-0.6
5	2.3	-0.9
7½	2.8	-1.0
10	3.1	-1.0
15	3.5	-0.9
20	3.7	-0.6
30	3.9	-0.1
40	3.9	0.0
50	3.7	0.0
60	3.4	0.0
70	3.0	0.0
80	2.4	0.0
90	1.6	0.0
95	1.2	0.0
100	0.0	0.0



%	UP'R	LW'R
0	0.0	0.0
1¼	1.1	-0.5
2½	1.6	-0.7
5	2.3	-0.9
7½	2.8	-1.0
10	3.1	-0.9
15	3.5	-0.6
20	3.7	-0.4
30	3.9	-0.1
40	3.9	0.0
50	3.7	0.0
60	3.4	0.0
70	3.0	0.0
80	2.4	0.0
90	1.6	0.0
95	1.2	0.0
100	0.0	0.0



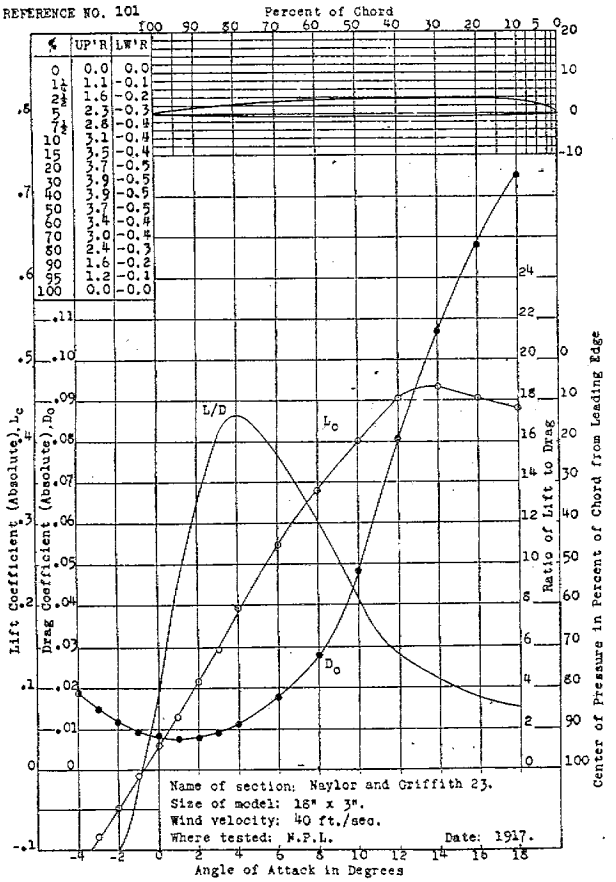
%	UP'R	LW'R
0	0.0	0.0
1¼	1.1	-0.2
2½	1.6	-0.3
5	2.3	-0.5
7½	2.8	-0.5
10	3.1	-0.5
15	3.5	-0.3
20	3.7	-0.2
30	3.9	0.0
40	3.9	0.0
50	3.7	0.0
60	3.4	0.0
70	3.0	0.0
80	2.4	0.0
90	1.6	0.0
95	1.2	0.0
100	0.0	0.0



%	UP'R	LW'R
0	0.0	0.0
1¼	1.1	-0.3
2½	1.6	-0.4
5	2.3	-0.6
7½	2.8	-0.8
10	3.1	-0.8
15	3.5	-0.9
20	3.7	-1.0
30	3.9	-1.0
40	3.9	-1.0
50	3.7	-0.9
60	3.4	-0.8
70	3.0	-0.8
80	2.4	-0.6
90	1.6	-0.4
95	1.2	-0.3
100	0.0	0.0

REFERENCE NO. 101

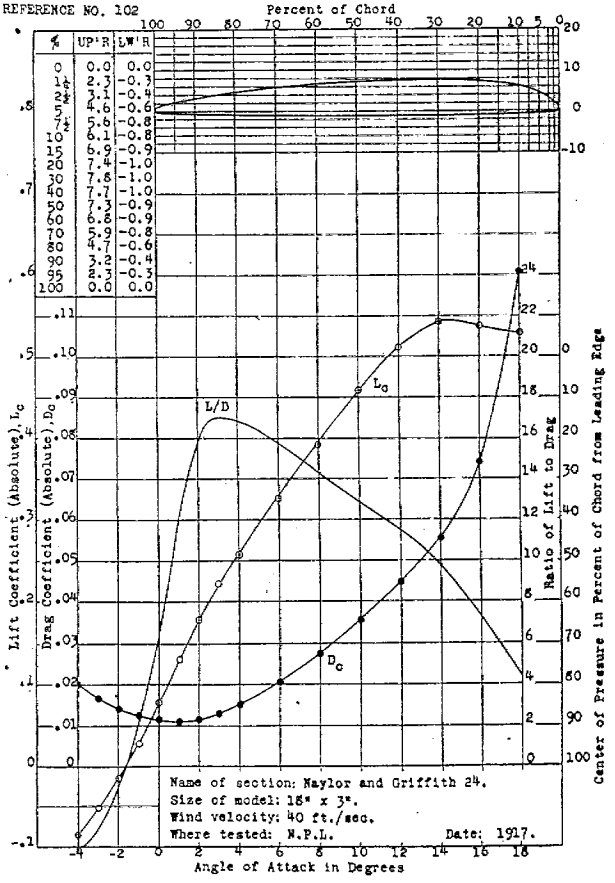
%	UP'R	LW'R
0	0.0	0.0
1¼	1.1	-0.1
2½	1.6	-0.2
5	2.3	-0.3
7½	2.8	-0.4
10	3.1	-0.4
15	3.3	-0.4
20	3.7	-0.5
30	3.9	-0.5
40	3.9	-0.5
50	3.7	-0.5
60	3.4	-0.5
70	3.0	-0.4
80	2.4	-0.3
90	1.6	-0.2
95	1.2	-0.1
100	0.0	-0.0



Name of section: Naylor and Griffith 23.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

REFERENCE NO. 102

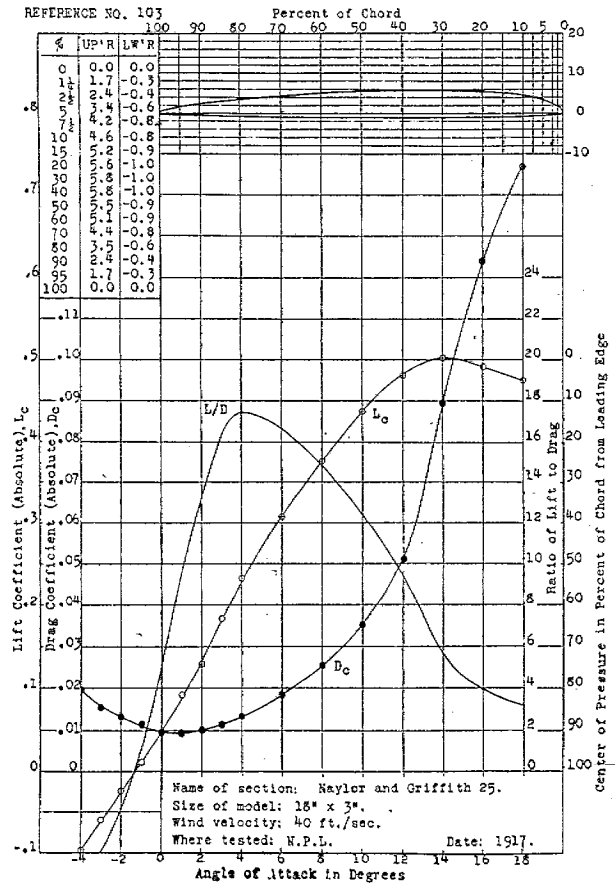
%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	-0.3
2½	3.1	-0.4
5	4.6	-0.6
7½	5.6	-0.8
10	6.1	-0.8
15	6.9	-0.9
20	7.4	-1.0
30	7.8	-1.0
40	7.7	-1.0
50	7.3	-0.9
60	6.8	-0.9
70	5.9	-0.8
80	4.7	-0.6
90	3.2	-0.4
95	2.3	-0.3
100	0.0	0.0



Name of section: Naylor and Griffith 24.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

REFERENCE NO. 103

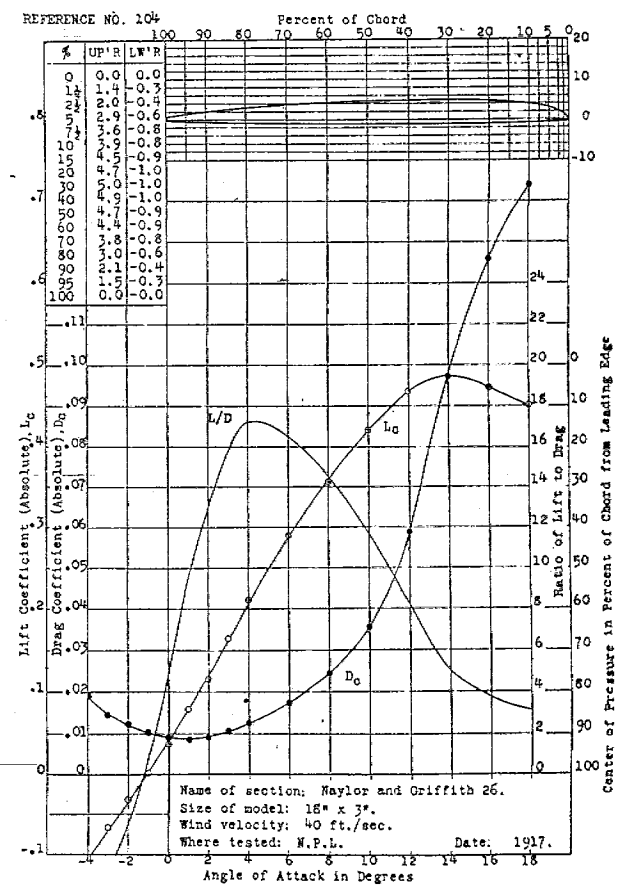
%	UP'R	LW'R
0	0.0	0.0
1¼	1.7	-0.3
2½	2.4	-0.4
5	3.4	-0.6
7½	4.2	-0.8
10	4.6	-0.8
15	5.2	-0.9
20	5.6	-1.0
30	5.8	-1.0
40	5.8	-1.0
50	5.5	-0.9
60	5.1	-0.9
70	4.4	-0.8
80	3.5	-0.6
90	2.4	-0.4
95	1.7	-0.3
100	0.0	0.0



Name of section: Naylor and Griffith 25.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

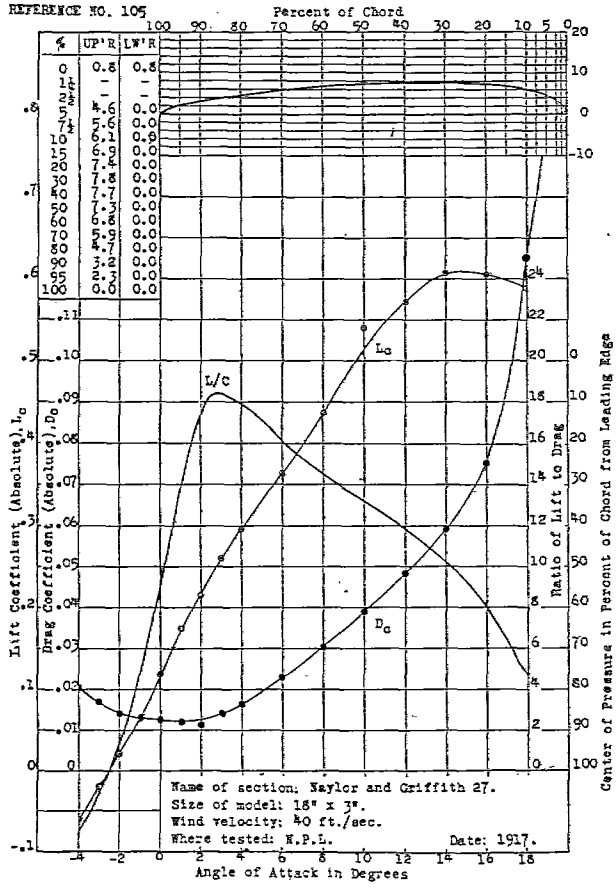
REFERENCE NO. 104

%	UP'R	LW'R
0	0.0	0.0
1¼	1.4	-0.3
2½	2.0	-0.4
5	2.9	-0.6
7½	3.6	-0.8
10	3.9	-0.8
15	4.5	-0.9
20	4.9	-1.0
30	5.0	-1.0
40	4.9	-1.0
50	4.7	-0.9
60	4.4	-0.9
70	3.8	-0.8
80	3.0	-0.6
90	2.1	-0.4
95	1.5	-0.3
100	0.0	-0.0



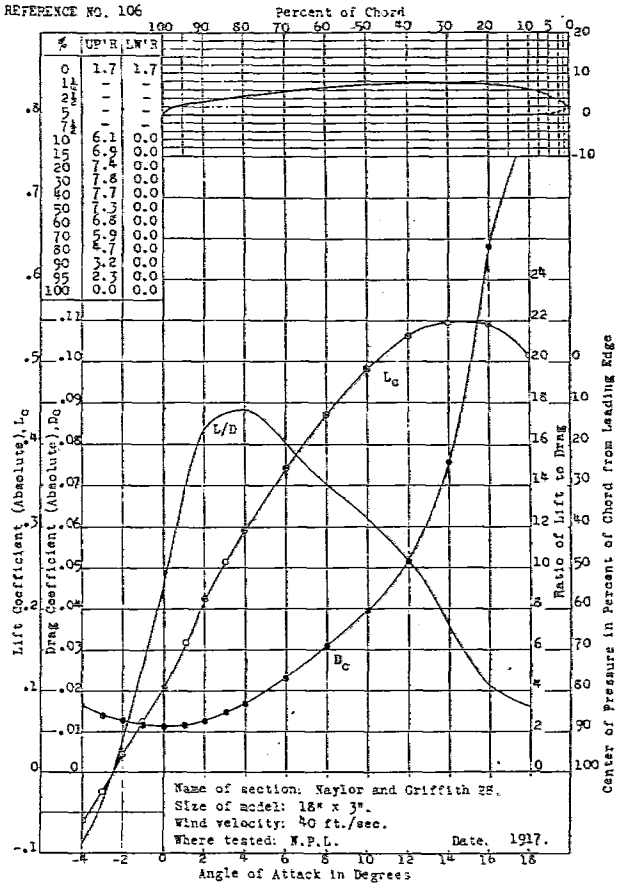
Name of section: Naylor and Griffith 26.
Size of model: 18" x 3".
Wind velocity: 40 ft./sec.
Where tested: N.P.L. Date: 1917.

REFERENCE NO. 105



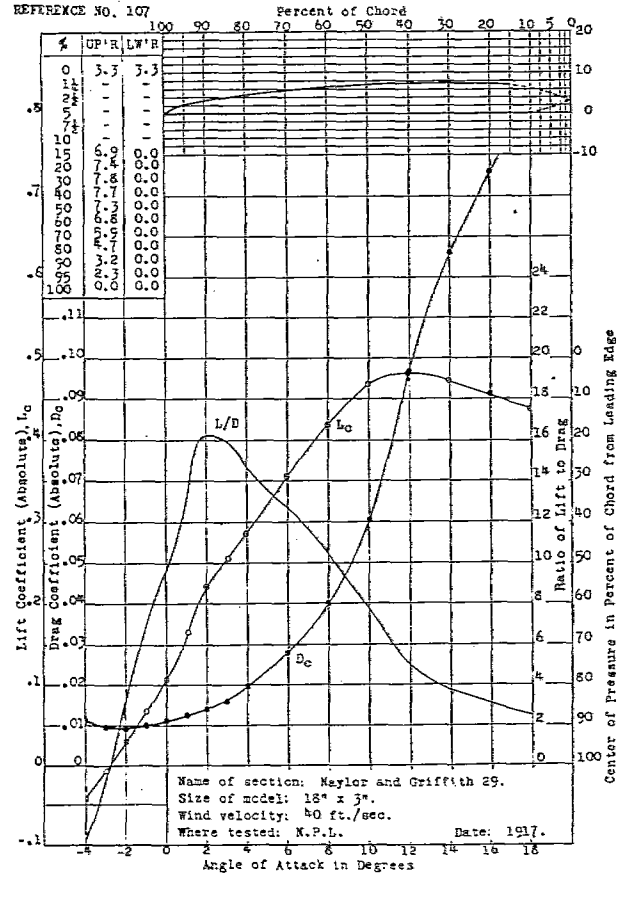
%	UP'R	LW'R
0	0.8	0.8
1¼	-	-
2½	-	-
5	4.6	0.0
7½	5.6	0.0
10	6.1	0.0
15	6.9	0.0
20	7.4	0.0
30	7.8	0.0
40	7.7	0.0
50	7.3	0.0
60	6.8	0.0
70	5.9	0.0
80	4.7	0.0
90	3.2	0.0
95	2.3	0.0
100	0.0	0.0

REFERENCE NO. 106



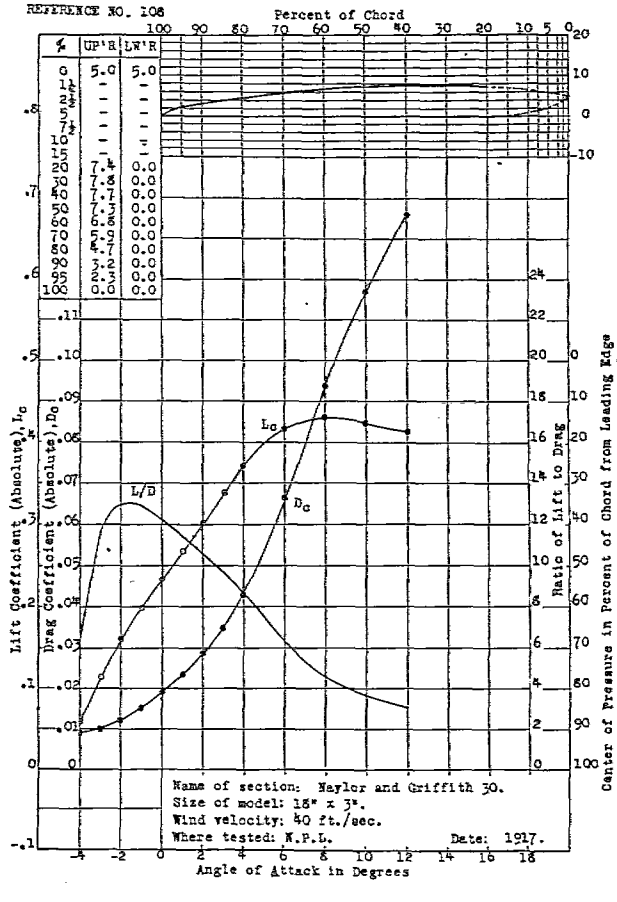
%	UP'R	LW'R
0	1.7	1.7
1¼	-	-
2½	-	-
5	-	-
7½	-	-
10	6.1	0.0
15	6.9	0.0
20	7.4	0.0
30	7.8	0.0
40	7.7	0.0
50	7.3	0.0
60	6.8	0.0
70	5.9	0.0
80	4.7	0.0
90	3.2	0.0
95	2.3	0.0
100	0.0	0.0

REFERENCE NO. 107



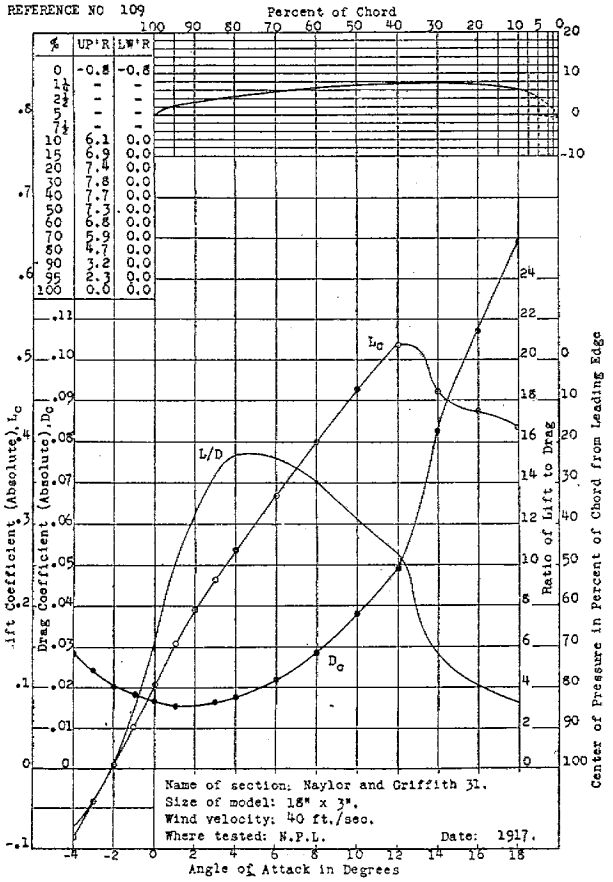
%	UP'R	LW'R
0	3.3	3.3
1¼	-	-
2½	-	-
5	-	-
7½	-	-
10	-	-
15	6.9	0.0
20	7.4	0.0
30	7.8	0.0
40	7.7	0.0
50	7.3	0.0
60	6.8	0.0
70	5.9	0.0
80	4.7	0.0
90	3.2	0.0
95	2.3	0.0
100	0.0	0.0

REFERENCE NO. 108



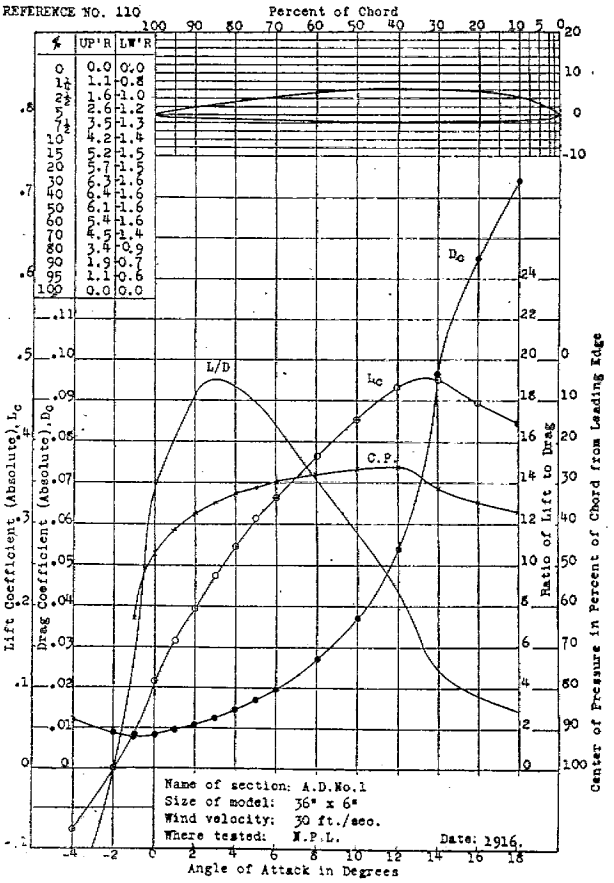
%	UP'R	LW'R
0	5.0	5.0
1¼	-	-
2½	-	-
5	-	-
7½	-	-
10	-	-
15	-	-
20	7.4	0.0
30	7.8	0.0
40	7.7	0.0
50	7.3	0.0
60	6.8	0.0
70	5.9	0.0
80	4.7	0.0
90	3.2	0.0
95	2.3	0.0
100	0.0	0.0

REFERENCE NO 109



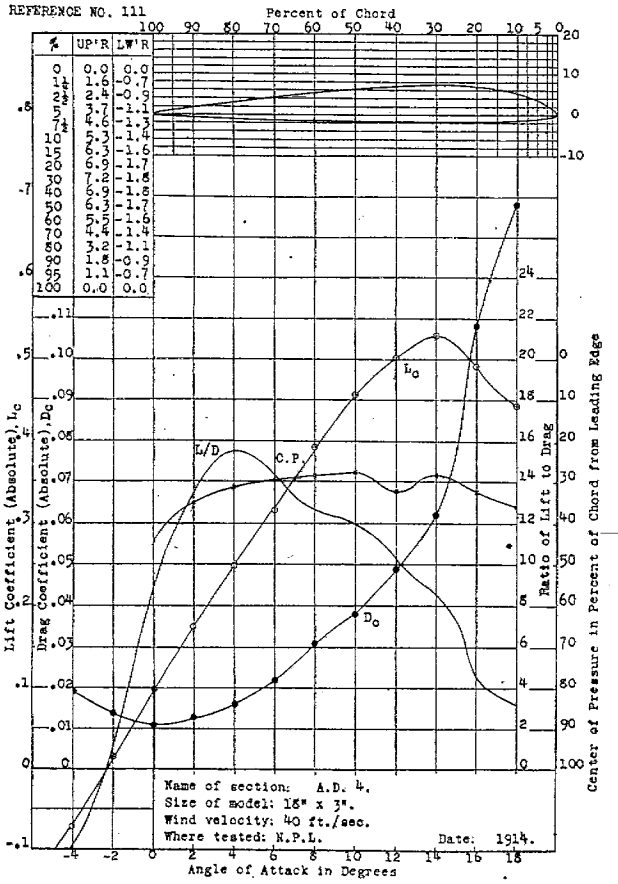
%	UP'R	LW'R
0	-0.8	-0.8
1¼	-	-
2½	-	-
5	-	-
7½	-	-
10	6.1	0.0
15	6.9	0.0
20	7.4	0.0
30	7.8	0.0
40	7.7	0.0
50	7.3	0.0
60	6.8	0.0
70	5.9	0.0
80	4.7	0.0
90	3.2	0.0
95	2.3	0.0
100	0.0	0.0

REFERENCE NO. 110



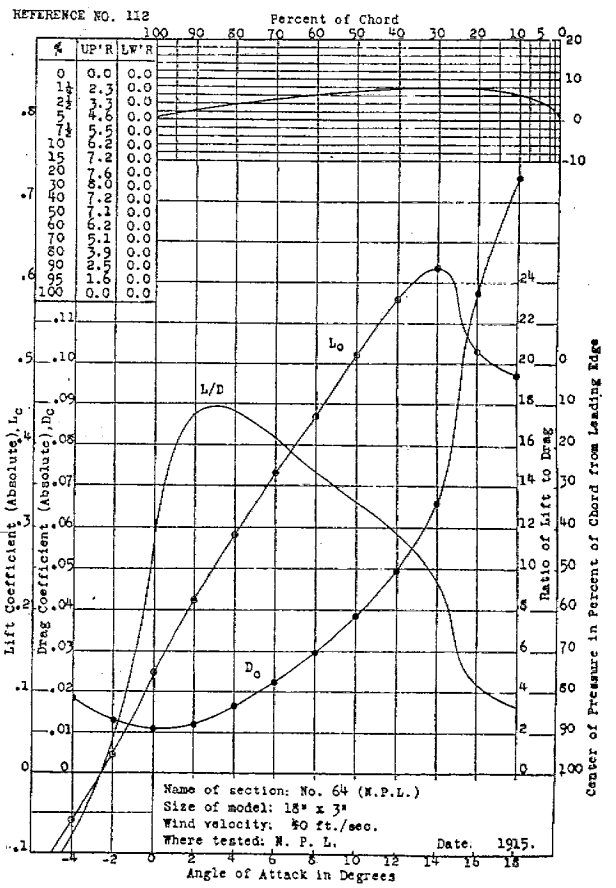
%	UP'R	LW'R
0	0.0	0.0
1¼	1.1	0.8
2½	1.6	1.0
5	2.6	1.2
7½	3.5	1.3
10	4.2	1.4
15	5.2	1.5
20	5.7	1.5
30	6.3	1.6
40	6.4	1.6
50	6.1	1.6
60	5.4	1.6
70	4.5	1.4
80	3.4	0.9
90	1.9	0.7
95	1.1	0.6
100	0.0	0.0

REFERENCE NO. 111



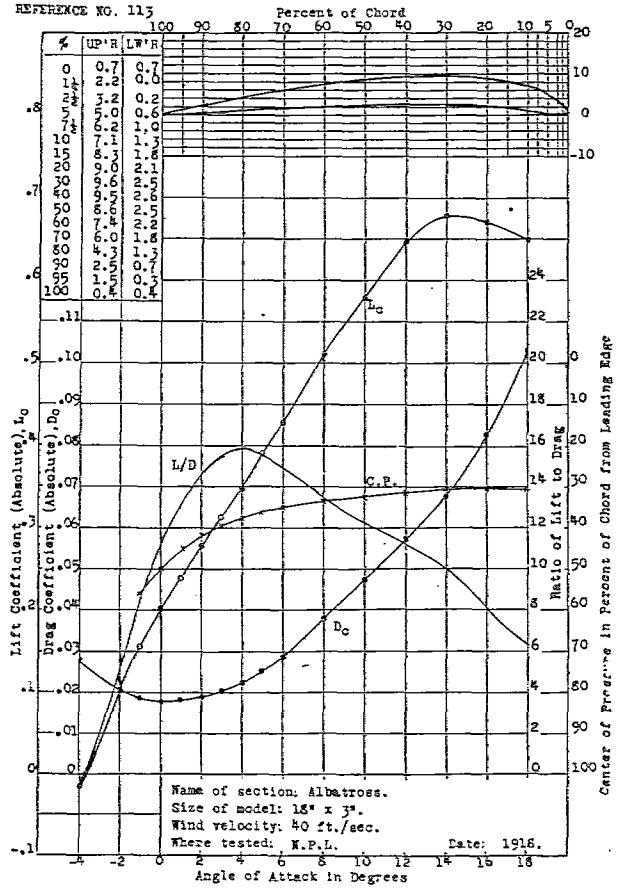
%	UP'R	LW'R
0	0.0	0.0
1¼	1.6	-0.7
2½	2.4	-0.9
5	3.7	-1.1
7½	4.6	-1.3
10	5.3	-1.4
15	6.3	-1.6
20	6.9	-1.7
30	7.2	-1.8
40	6.9	-1.8
50	6.3	-1.7
60	5.5	-1.6
70	4.4	-1.4
80	3.2	-1.1
90	1.8	-0.9
95	1.1	-0.7
100	0.0	0.0

REFERENCE NO. 112



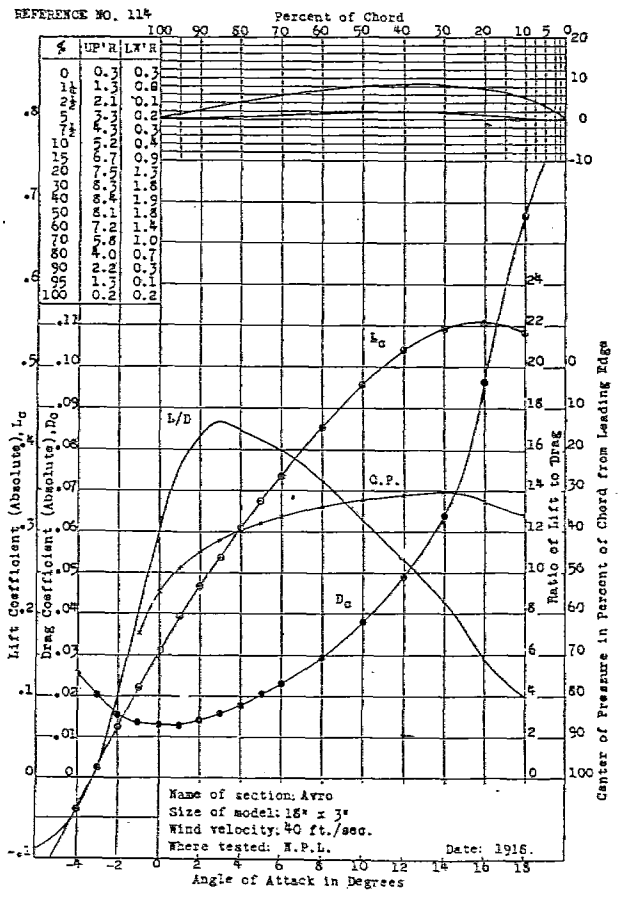
%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	0.0
2½	3.3	0.0
5	4.6	0.0
7½	5.5	0.0
10	6.2	0.0
15	7.2	0.0
20	7.6	0.0
30	8.0	0.0
40	7.2	0.0
50	6.1	0.0
60	5.2	0.0
70	5.1	0.0
80	3.9	0.0
90	2.5	0.0
95	1.6	0.0
100	0.0	0.0

REFERENCE NO. 113



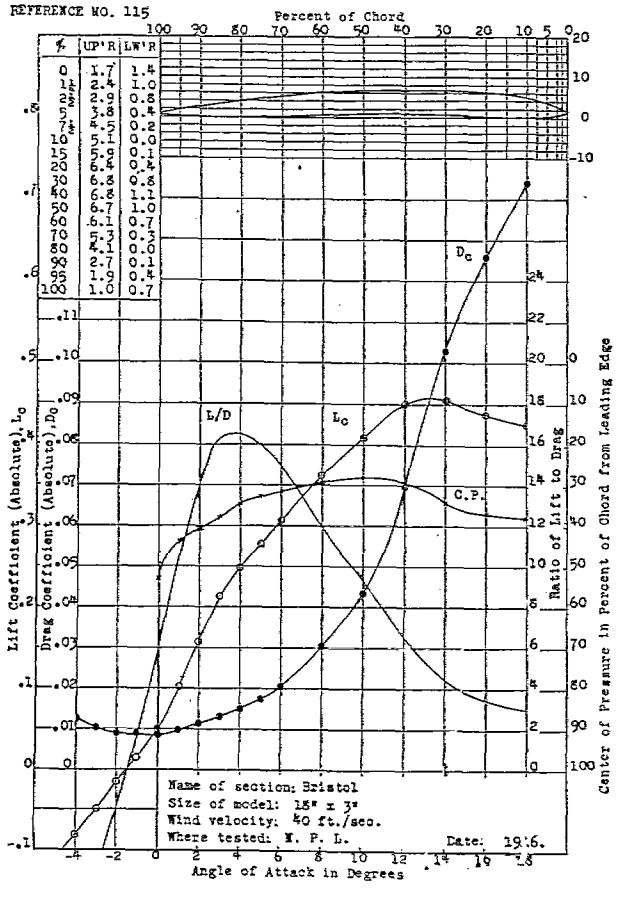
%	UP'R	LW'R
0	0.7	0.7
1¼	2.2	0.0
2½	3.2	0.2
5	5.0	0.6
7½	6.2	1.0
10	7.1	1.3
15	8.3	1.8
20	9.0	2.1
30	9.6	2.5
40	9.5	2.6
50	8.6	2.5
60	7.4	2.2
70	6.0	1.8
80	4.3	1.3
90	2.5	0.7
95	1.5	0.3
100	0.4	0.4

REFERENCE NO. 114



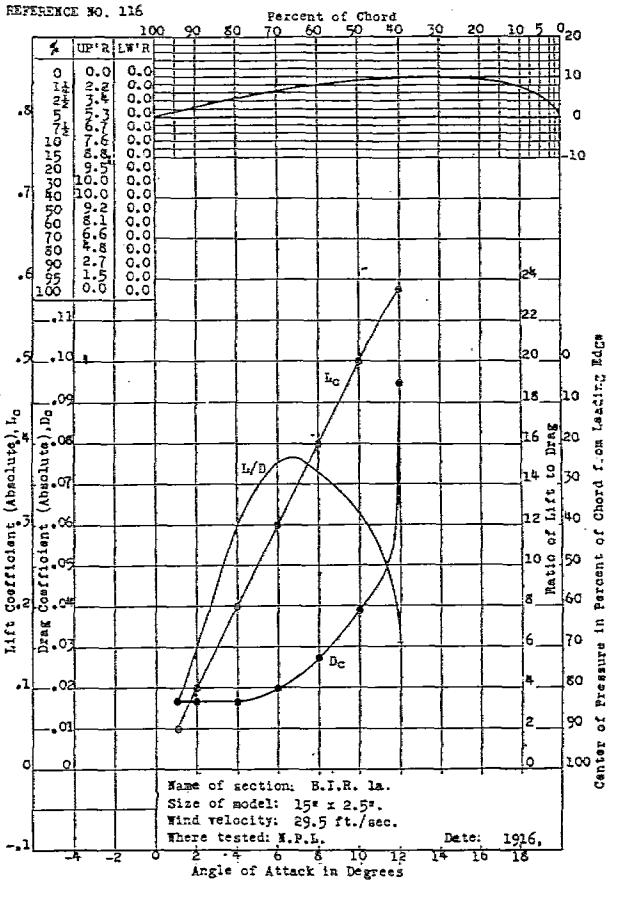
%	UP'R	LW'R
0	0.3	0.3
1¼	1.4	0.0
2½	2.1	0.1
5	3.3	0.2
7½	4.3	0.3
10	5.2	0.4
15	6.7	0.9
20	7.9	1.3
30	8.8	1.8
40	8.8	1.9
50	8.1	1.8
60	7.2	1.4
70	5.8	1.0
80	4.0	0.7
90	2.2	0.3
95	1.1	0.1
100	0.2	0.2

REFERENCE NO. 115



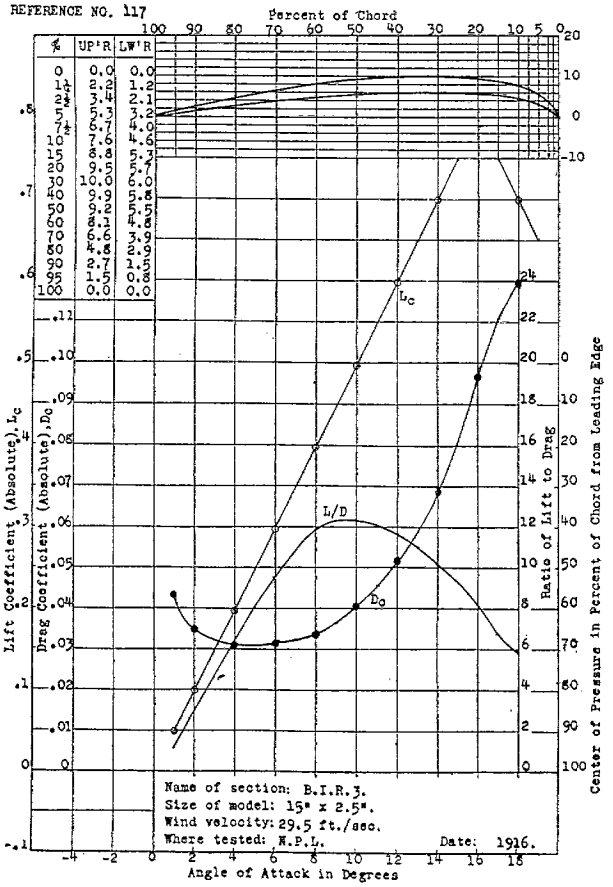
%	UP'R	LW'R
0	1.7	1.4
1¼	2.4	1.0
2½	2.9	0.8
5	3.8	0.4
7½	4.5	0.2
10	5.1	0.0
15	5.9	0.1
20	6.4	0.4
30	6.8	0.8
40	6.8	1.1
50	6.7	1.0
60	6.1	0.7
70	5.3	0.3
80	4.1	0.0
90	2.7	0.1
95	1.9	0.4
100	1.0	0.7

REFERENCE NO. 116



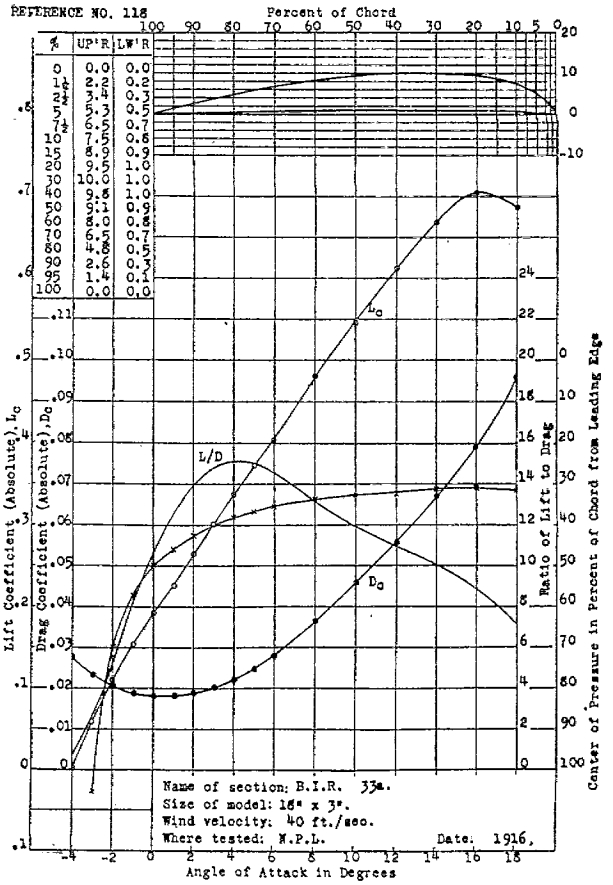
%	UP'R	LW'R
0	0.0	0.0
1¼	2.2	0.0
2½	3.4	0.0
5	5.3	0.0
7½	6.7	0.0
10	7.7	0.0
15	8.8	0.0
20	9.5	0.0
30	10.0	0.0
40	10.0	0.0
50	9.2	0.0
60	8.1	0.0
70	6.8	0.0
80	5.1	0.0
90	2.7	0.0
95	1.5	0.0
100	0.0	0.0

REFERENCE NO. 117



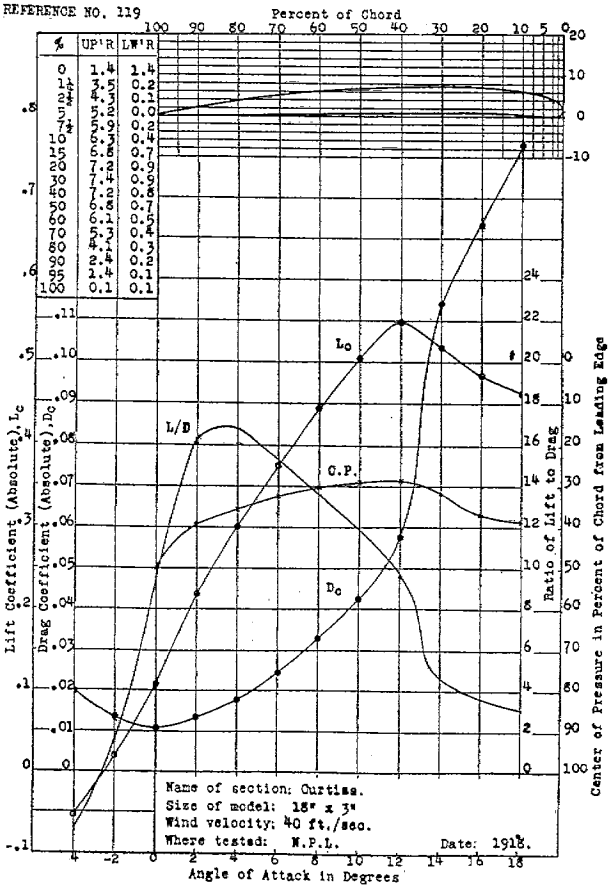
%	UP'R	LW'R
0	0.0	0.0
1¼	2.2	1.2
2½	3.4	2.1
5	5.3	3.2
7½	6.7	4.0
10	7.6	4.6
15	8.8	5.3
20	9.5	5.7
30	10.0	6.0
40	9.9	5.8
50	9.2	5.5
60	8.1	4.8
70	6.6	3.9
80	4.8	2.9
90	2.7	1.5
95	1.5	0.8
100	0.0	0.0

REFERENCE NO. 118



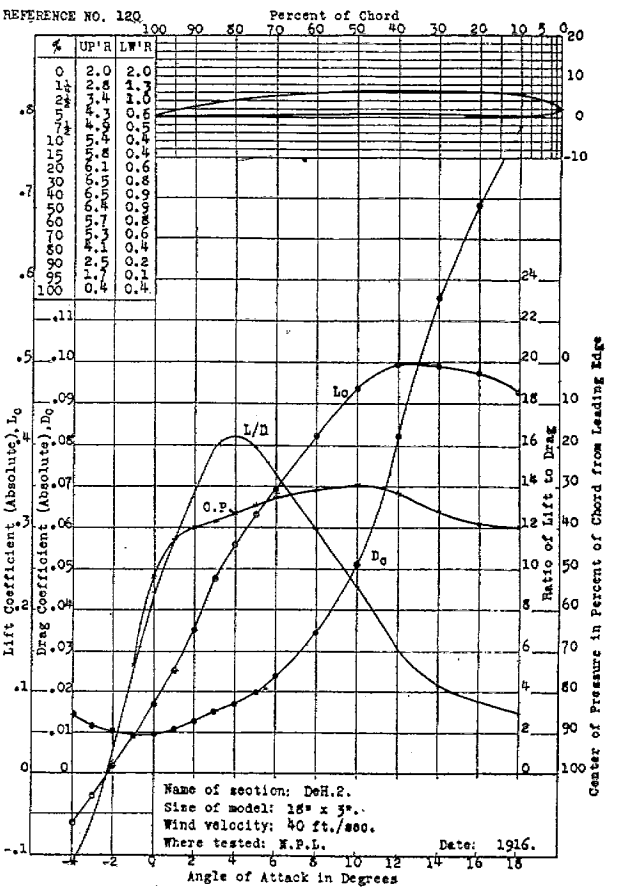
%	UP'R	LW'R
0	0.0	0.0
1¼	2.2	0.2
2½	3.4	0.3
5	5.3	0.5
7½	6.5	0.7
10	7.5	0.8
15	8.9	0.9
20	9.5	1.0
30	10.0	1.0
40	9.8	1.0
50	9.1	0.9
60	8.0	0.8
70	6.5	0.7
80	4.8	0.5
90	2.6	0.3
95	1.4	0.1
100	0.0	0.0

REFERENCE NO. 119



%	UP'R	LW'R
0	1.4	1.4
1¼	3.5	0.2
2½	4.3	0.1
5	5.2	0.0
7½	5.9	0.2
10	6.3	0.4
15	6.8	0.7
20	7.2	0.9
30	7.4	0.9
40	7.2	0.8
50	6.8	0.7
60	6.1	0.5
70	5.3	0.4
80	4.1	0.3
90	2.4	0.2
95	1.4	0.1
100	0.1	0.1

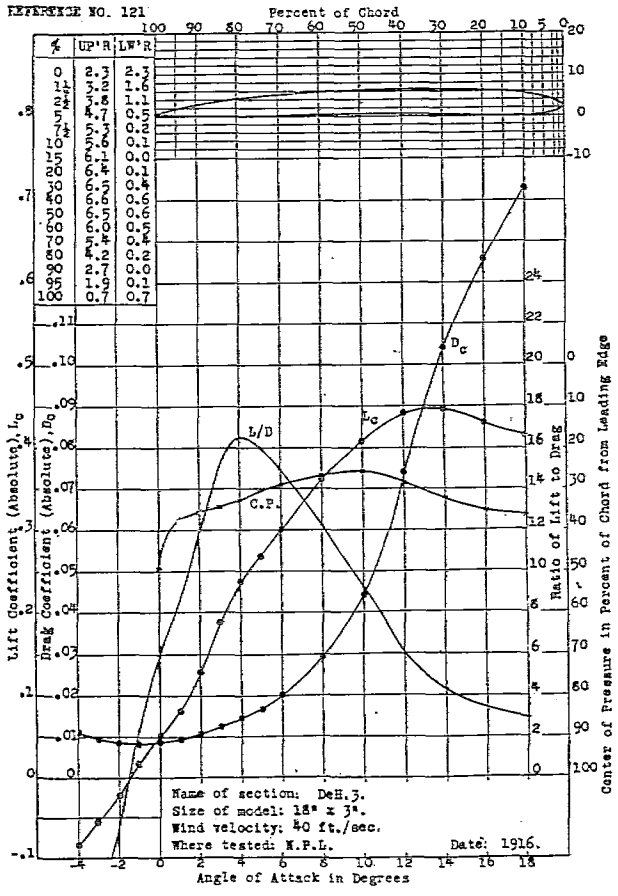
REFERENCE NO. 120



%	UP'R	LW'R
0	2.0	2.0
1¼	2.8	1.3
2½	3.4	1.0
5	4.3	0.6
7½	4.9	0.5
10	5.4	0.4
15	5.8	0.4
20	6.1	0.6
30	6.5	0.8
40	6.5	0.9
50	6.4	0.9
60	5.7	0.8
70	5.3	0.6
80	4.1	0.4
90	2.5	0.2
95	1.7	0.1
100	0.4	0.4

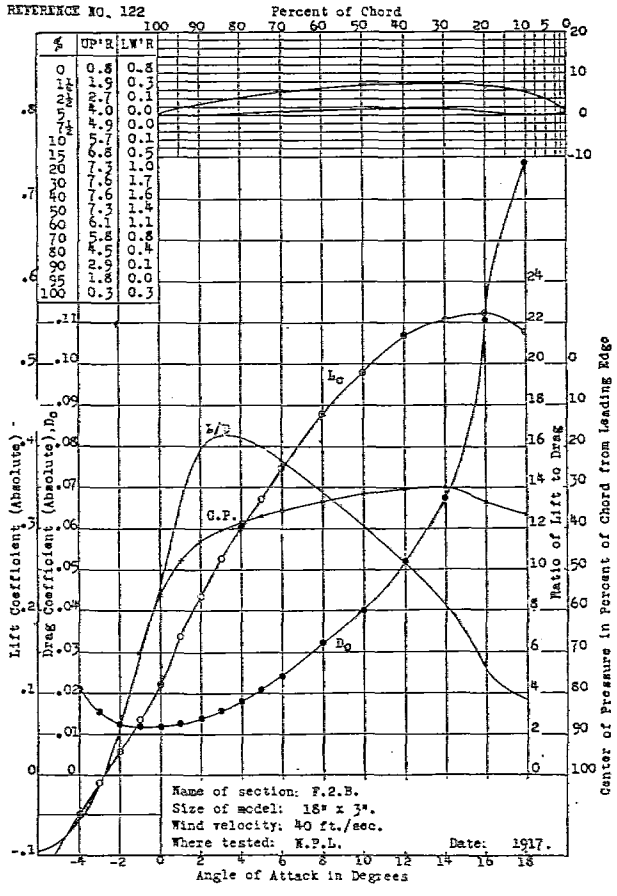
REFERENCE NO. 121

%	UP'R	LW'R
0	2.3	2.3
1¼	3.2	1.6
2½	3.8	1.1
5	4.7	0.5
7½	5.3	0.2
10	5.6	0.1
15	6.1	0.0
20	6.4	0.1
30	6.5	0.4
40	6.6	0.6
50	6.5	0.6
60	6.0	0.5
70	5.4	0.4
80	4.2	0.2
90	2.7	0.0
95	1.9	0.1
100	0.7	0.7



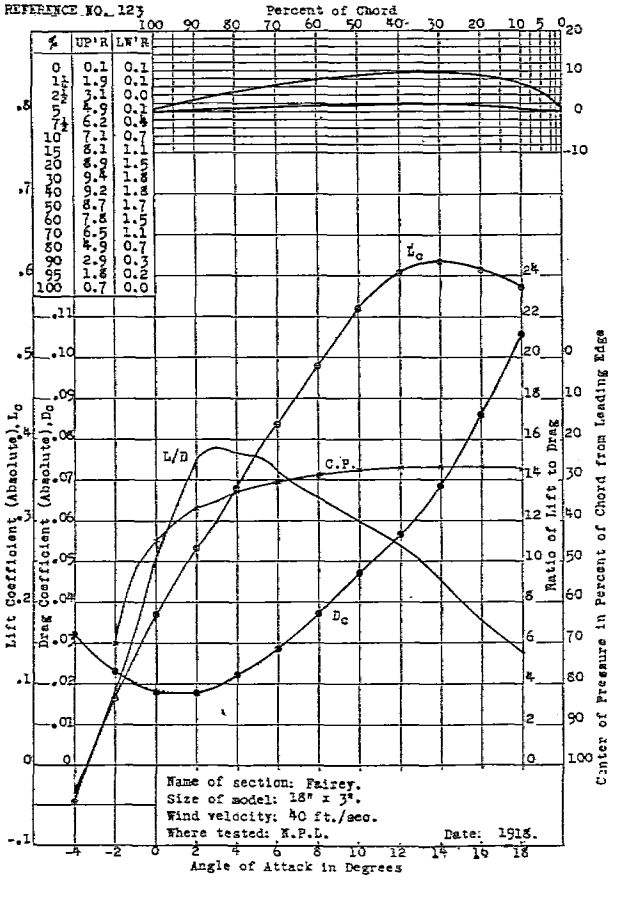
REFERENCE NO. 122

%	UP'R	LW'R
0	0.8	0.8
1¼	1.9	0.3
2½	2.7	0.1
5	4.0	0.0
7½	4.9	0.0
10	5.7	0.1
15	6.8	0.5
20	7.3	1.0
30	7.6	1.7
40	7.6	1.6
50	7.3	1.4
60	6.1	1.1
70	5.8	0.8
80	4.5	0.4
90	2.9	0.1
95	1.8	0.0
100	0.3	0.3



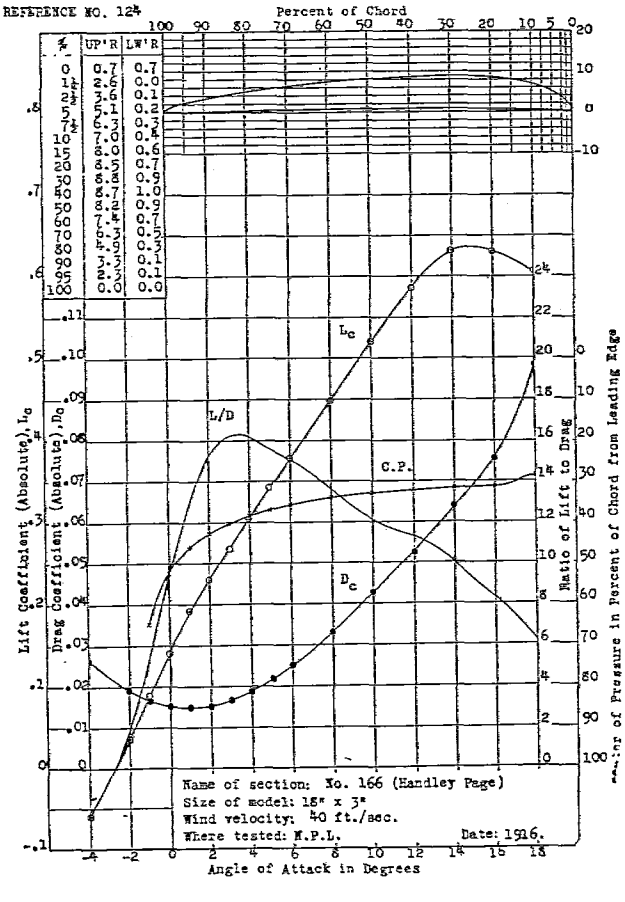
REFERENCE NO. 123

%	UP'R	LW'R
0	0.1	0.1
1¼	1.9	0.1
2½	3.1	0.0
5	4.9	0.1
7½	6.2	0.4
10	7.1	0.7
15	8.1	1.1
20	8.9	1.5
30	9.4	1.8
40	9.2	1.8
50	8.7	1.7
60	7.8	1.5
70	6.5	1.1
80	4.9	0.7
90	2.9	0.3
95	1.8	0.2
100	0.7	0.0

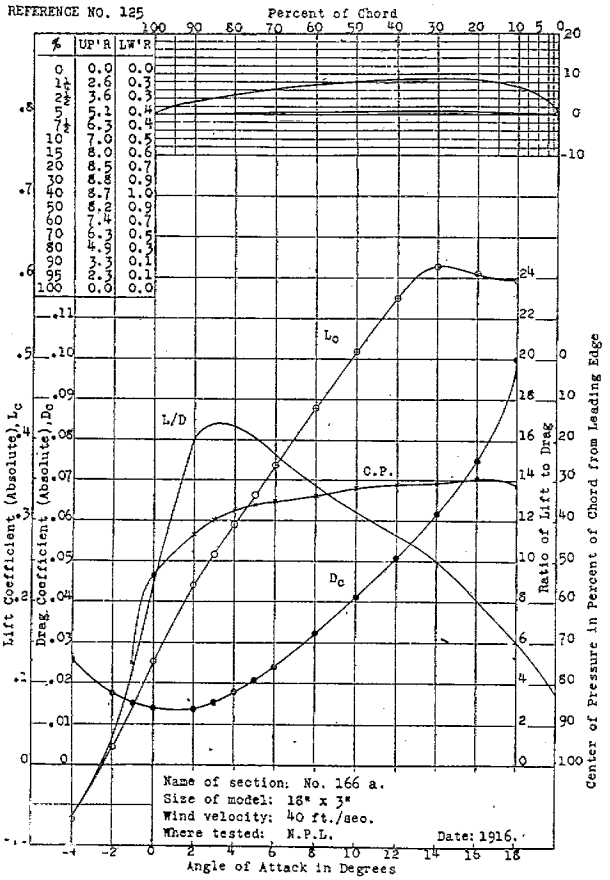


REFERENCE NO. 124

%	UP'R	LW'R
0	0.7	0.7
1¼	2.6	0.0
2½	3.6	0.1
5	5.1	0.2
7½	6.3	0.3
10	7.0	0.4
15	8.0	0.6
20	8.5	0.7
30	8.8	0.9
40	8.7	1.0
50	8.2	0.9
60	7.4	0.7
70	6.3	0.5
80	4.5	0.3
90	3.3	0.1
95	2.3	0.1
100	0.0	0.0

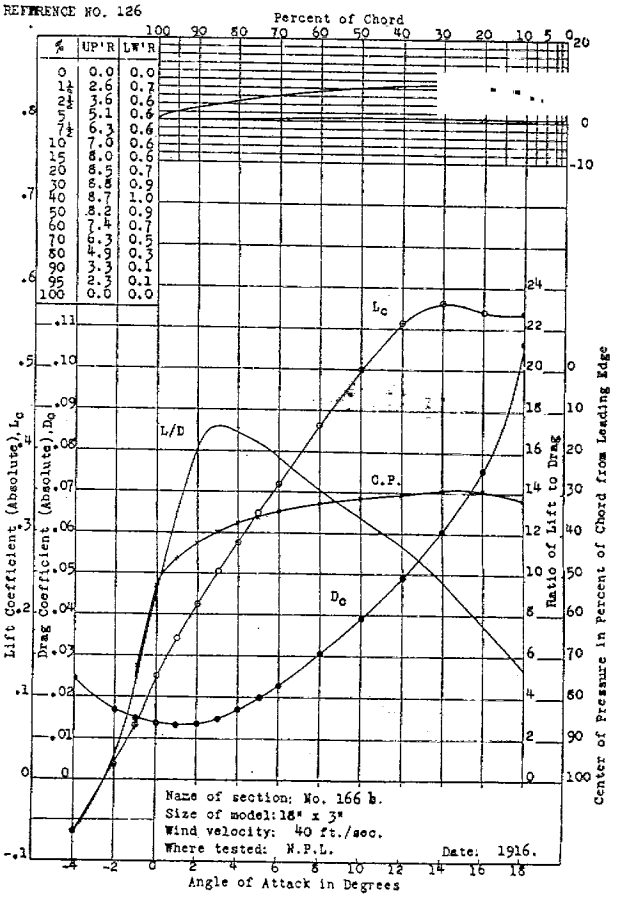


REFERENCE NO. 125



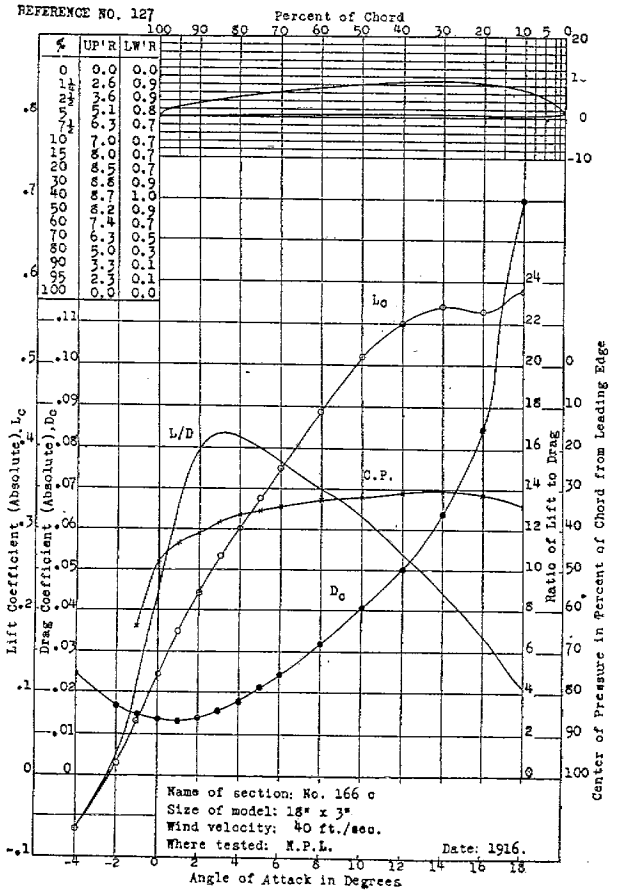
%	UP'R	LW'R
0	0.0	0.0
1¼	2.6	0.3
2½	3.6	0.3
5	5.1	0.4
7½	6.3	0.4
10	7.0	0.5
15	8.0	0.6
20	8.5	0.7
30	8.8	0.9
40	8.7	1.0
50	8.2	0.9
60	7.4	0.7
70	6.3	0.5
80	4.9	0.3
90	3.3	0.1
95	2.3	0.1
100	0.0	0.0

REFERENCE NO. 126



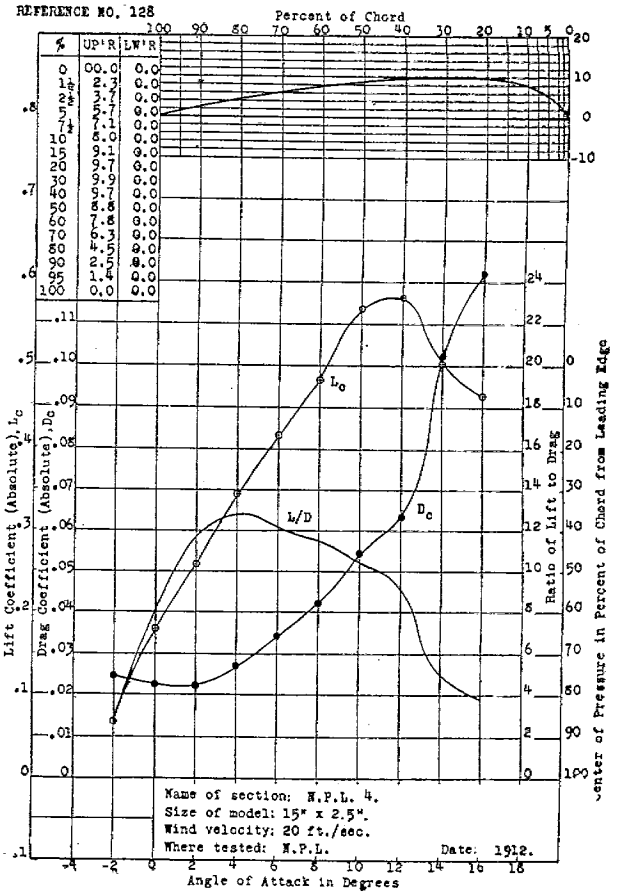
%	UP'R	LW'R
0	0.0	0.0
1¼	2.6	0.7
2½	3.6	0.6
5	5.1	0.6
7½	6.3	0.6
10	7.0	0.6
15	8.0	0.6
20	8.5	0.7
30	8.8	0.9
40	8.7	1.0
50	8.2	0.9
60	7.4	0.7
70	6.3	0.5
80	4.9	0.3
90	3.3	0.1
95	2.3	0.1
100	0.0	0.0

REFERENCE NO. 127



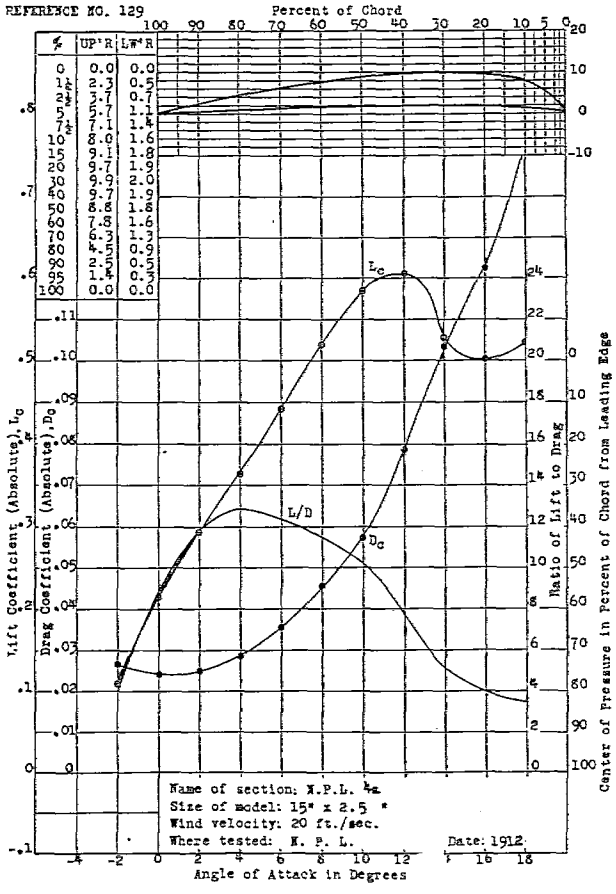
%	UP'R	LW'R
0	0.0	0.0
1¼	2.6	0.9
2½	3.6	0.9
5	5.1	0.8
7½	6.3	0.7
10	7.0	0.7
15	8.0	0.7
20	8.5	0.7
30	8.8	0.9
40	8.7	1.0
50	8.2	0.9
60	7.4	0.7
70	6.3	0.5
80	4.9	0.3
90	3.3	0.1
95	2.3	0.1
100	0.0	0.0

REFERENCE NO. 128



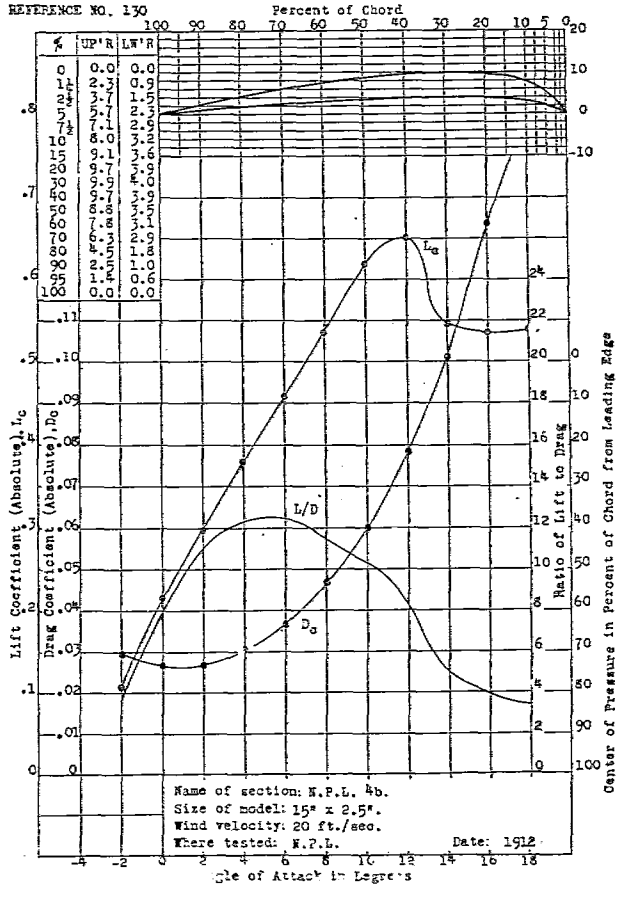
%	UP'R	LW'R
0	00.0	0.0
1¼	2.3	0.0
2½	3.1	0.0
5	5.7	0.0
7½	7.1	0.0
10	8.0	0.0
15	9.1	0.0
20	9.7	0.0
30	9.9	0.0
40	9.7	0.0
50	8.8	0.0
60	7.8	0.0
70	6.3	0.0
80	4.5	0.0
90	2.8	0.0
95	1.4	0.0
100	0.0	0.0

REFERENCE NO. 129



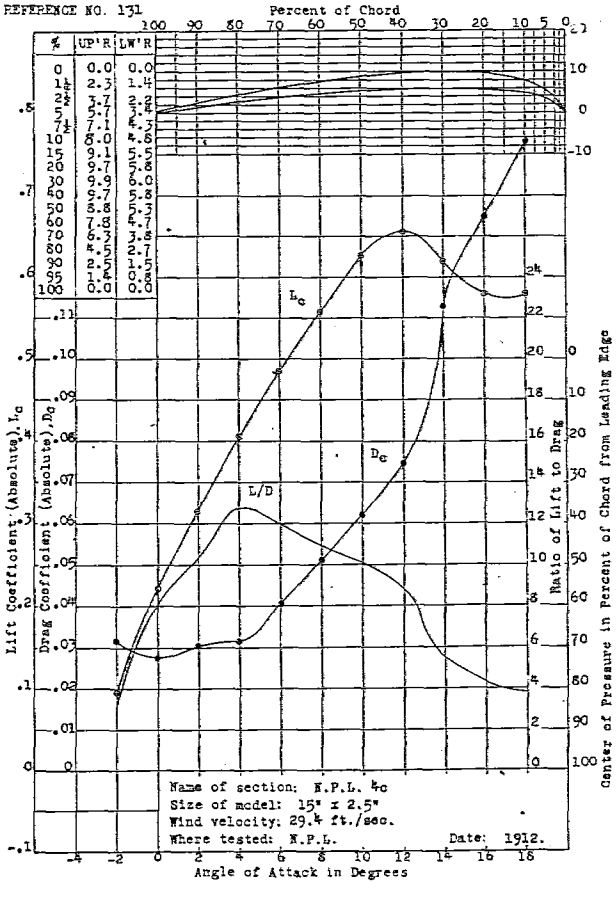
%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	0.5
2½	3.7	0.7
5	5.7	1.1
7½	7.1	1.4
10	8.0	1.6
15	9.1	1.8
20	9.7	1.9
30	9.9	2.0
40	9.7	1.9
50	8.8	1.8
60	7.8	1.6
70	6.3	1.3
80	4.5	0.9
90	2.5	0.5
95	1.4	0.3
100	0.0	0.0

REFERENCE NO. 130



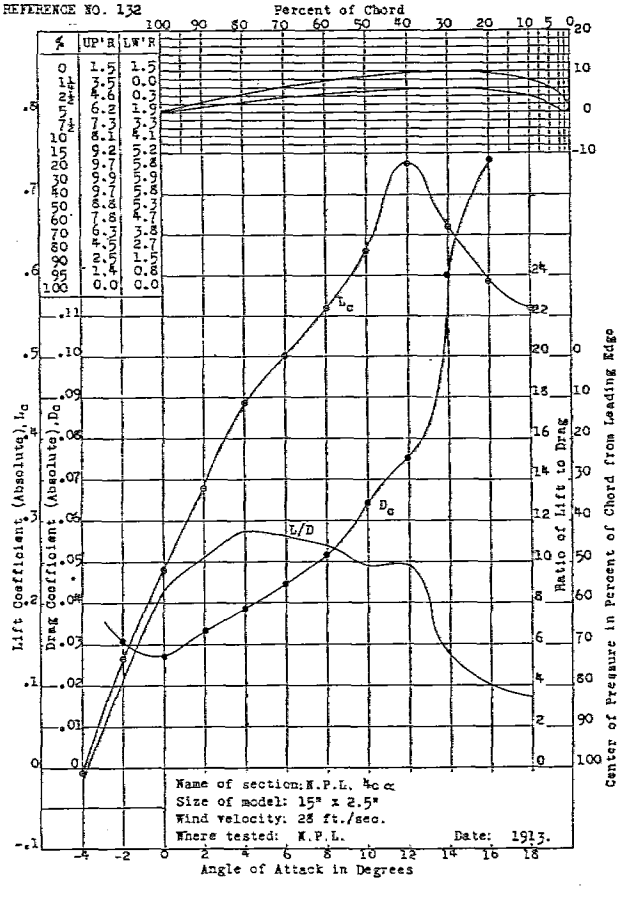
%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	0.9
2½	3.7	1.5
5	5.7	2.2
7½	7.1	2.9
10	8.0	3.2
15	9.1	3.6
20	9.7	3.9
30	9.9	4.0
40	9.7	3.9
50	8.8	3.5
60	7.8	3.1
70	6.3	2.9
80	4.5	1.8
90	2.5	1.0
95	1.4	0.6
100	0.0	0.0

REFERENCE NO. 131



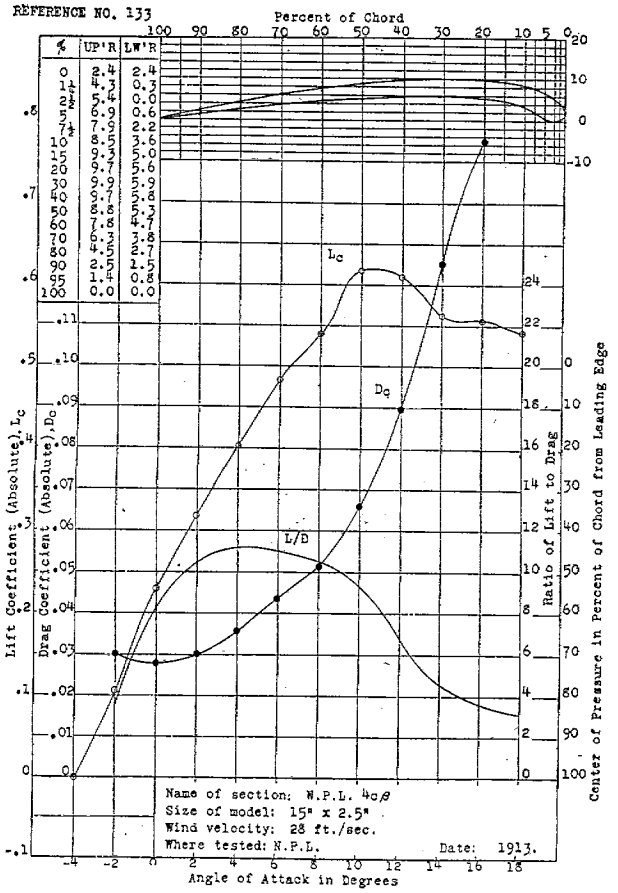
%	UP'R	LW'R
0	0.0	0.0
1¼	2.3	1.4
2½	3.7	2.2
5	5.7	3.5
7½	7.1	4.5
10	8.0	4.8
15	9.1	5.5
20	9.7	5.8
30	9.9	6.0
40	9.7	5.8
50	8.8	5.3
60	7.8	4.7
70	6.3	3.8
80	4.5	2.7
90	2.5	1.5
95	1.4	0.8
100	0.0	0.0

REFERENCE NO. 132



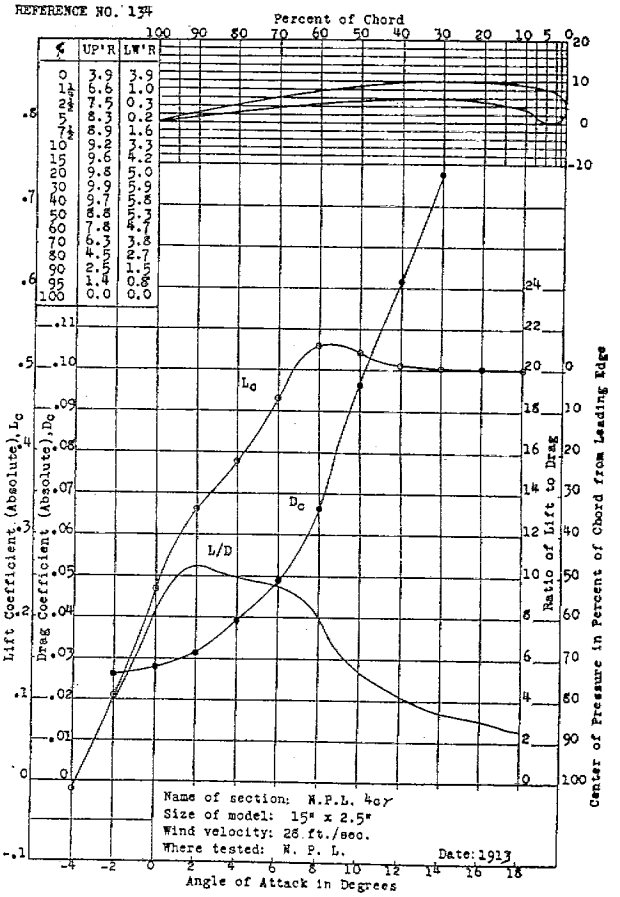
%	UP'R	LW'R
0	1.5	1.5
1¼	3.5	0.0
2½	4.6	0.3
5	6.2	1.9
7½	7.3	3.3
10	8.1	4.1
15	9.2	5.2
20	9.7	5.8
30	9.9	5.9
40	9.7	5.8
50	8.8	5.3
60	7.8	4.7
70	6.3	3.8
80	4.5	2.7
90	2.5	1.5
95	1.4	0.8
100	0.0	0.0

REFERENCE NO. 133



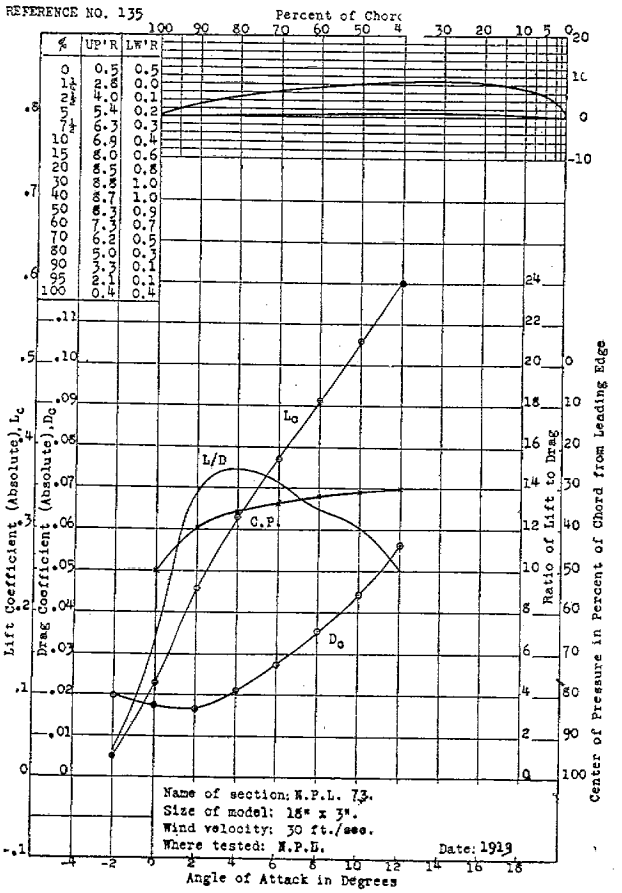
%	UP'R	LW'R
0	2.4	2.4
1¼	4.3	0.3
2½	5.4	0.0
5	6.9	0.6
7½	7.9	2.2
10	8.5	3.6
15	9.3	5.0
20	9.7	5.6
30	9.9	5.9
40	9.7	5.8
50	8.8	5.3
60	7.8	4.7
70	6.3	3.8
80	4.5	2.7
90	2.5	1.5
95	1.4	0.8
100	0.0	0.0

REFERENCE NO. 134



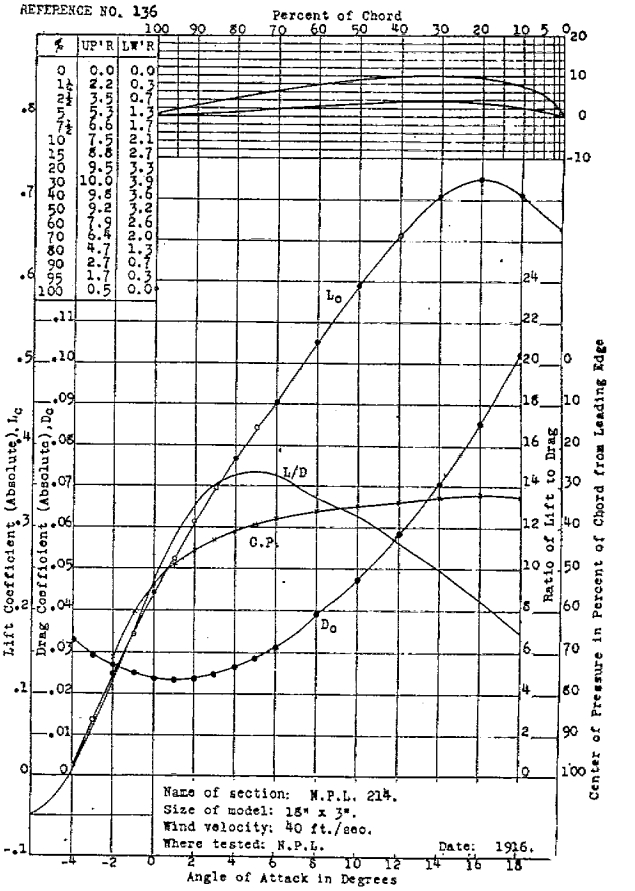
%	UP'R	LW'R
0	3.9	3.9
1¼	6.6	1.0
2½	7.5	0.3
5	8.3	0.2
7½	8.9	1.6
10	9.2	3.3
15	9.6	4.2
20	9.8	5.0
30	9.9	5.9
40	9.7	5.8
50	8.8	5.3
60	7.8	4.7
70	6.3	3.8
80	4.5	2.7
90	2.5	1.5
95	1.4	0.8
100	0.0	0.0

REFERENCE NO. 135



%	UP'R	LW'R
0	0.5	0.5
1¼	2.8	0.0
2½	4.0	0.1
5	5.4	0.2
7½	6.3	0.3
10	6.9	0.4
15	8.0	0.6
20	8.5	0.8
30	8.8	1.0
40	8.7	1.0
50	8.3	0.9
60	7.3	0.7
70	6.2	0.5
80	5.0	0.3
90	3.3	0.1
95	2.1	0.1
100	0.4	0.4

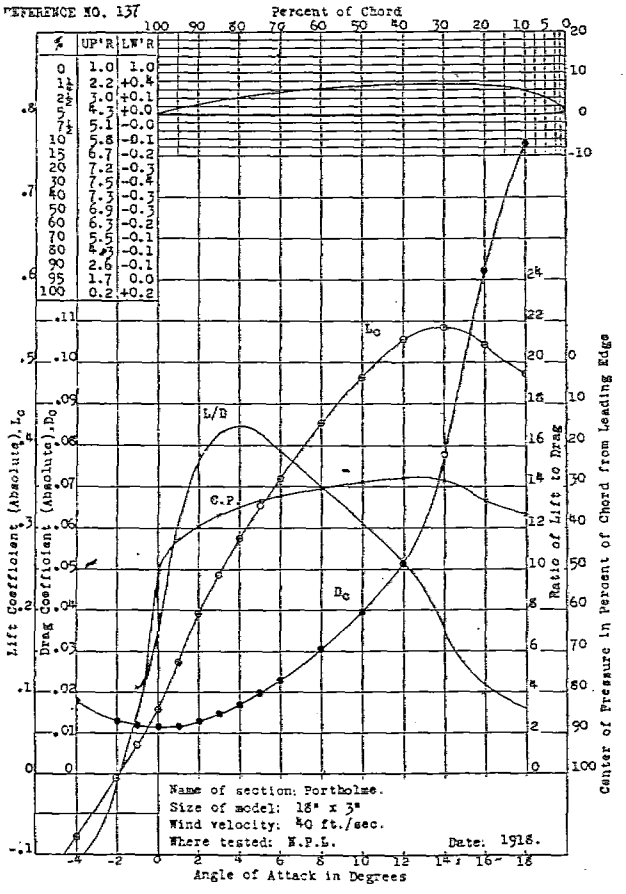
REFERENCE NO. 136



%	UP'R	LW'R
0	0.0	0.0
1¼	2.2	0.3
2½	3.5	0.7
5	5.2	1.3
7½	6.6	1.7
10	7.5	2.1
15	8.8	2.7
20	9.5	3.3
30	10.0	3.9
40	9.8	3.7
50	9.2	3.2
60	7.6	2.6
70	6.4	2.0
80	4.7	1.3
90	2.7	0.7
95	1.7	0.3
100	0.5	0.0

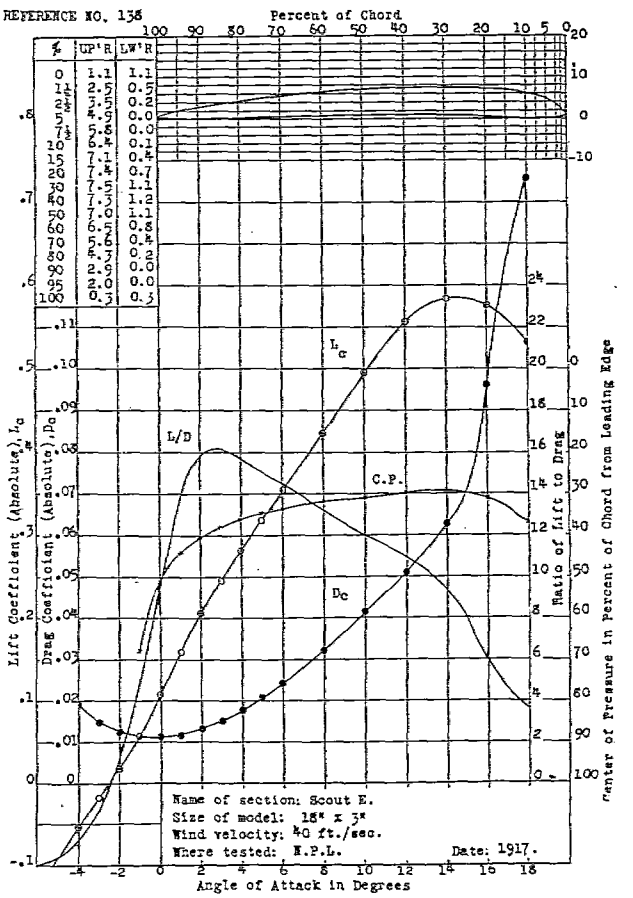
REFERENCE NO. 137

%	UP'R	LW'R
0	1.0	1.0
1¼	2.2	+0.4
2½	3.0	+0.1
5	4.3	+0.0
7½	5.1	-0.0
10	5.8	-0.1
15	6.7	-0.2
20	7.2	-0.3
30	7.5	-0.4
40	7.3	-0.3
50	6.9	-0.3
60	6.3	-0.2
70	5.5	-0.1
80	4.3	-0.1
90	2.6	-0.1
95	1.7	0.0
100	0.2	+0.2



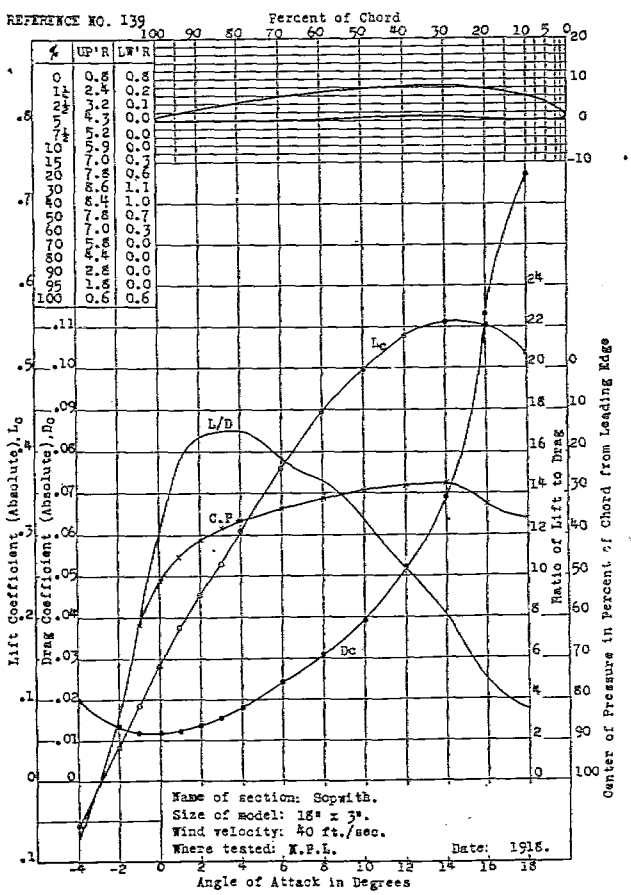
REFERENCE NO. 138

%	UP'R	LW'R
0	1.1	1.1
1¼	2.5	0.5
2½	3.5	0.2
5	5.0	0.0
7½	5.8	0.0
10	6.4	0.1
15	7.1	0.4
20	7.4	0.7
30	7.5	1.1
40	7.3	1.2
50	7.0	1.1
60	6.5	0.8
70	5.6	0.4
80	4.3	0.2
90	2.5	0.0
95	2.0	0.0
100	0.3	0.3



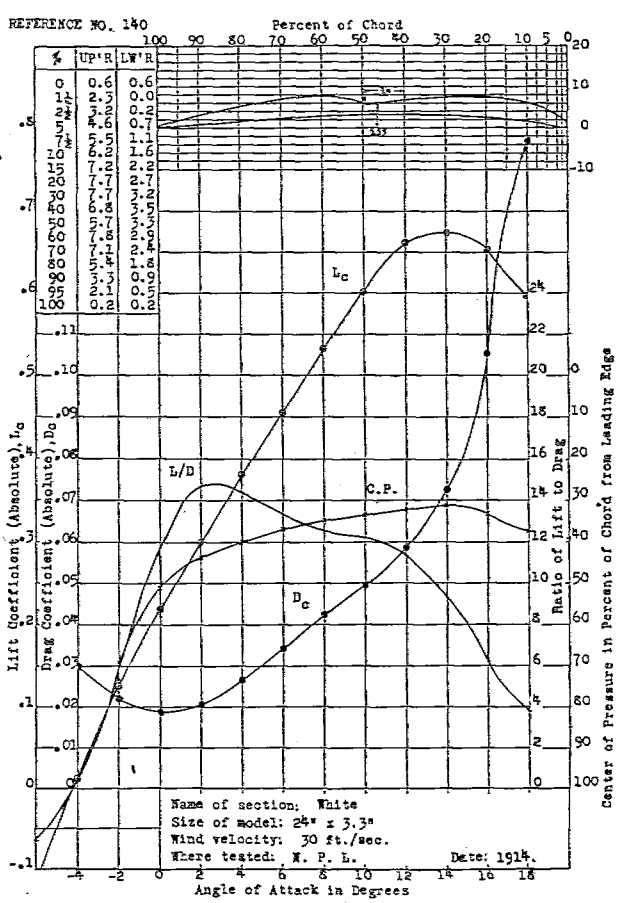
REFERENCE NO. 139

%	UP'R	LW'R
0	0.8	0.8
1¼	2.4	0.2
2½	3.2	0.1
5	4.3	0.0
7½	5.2	0.0
10	5.9	0.0
15	7.0	0.3
20	7.8	0.6
30	8.6	1.1
40	8.4	1.0
50	7.8	0.7
60	7.0	0.3
70	5.8	0.0
80	4.4	0.0
90	2.8	0.0
95	1.8	0.0
100	0.6	0.6



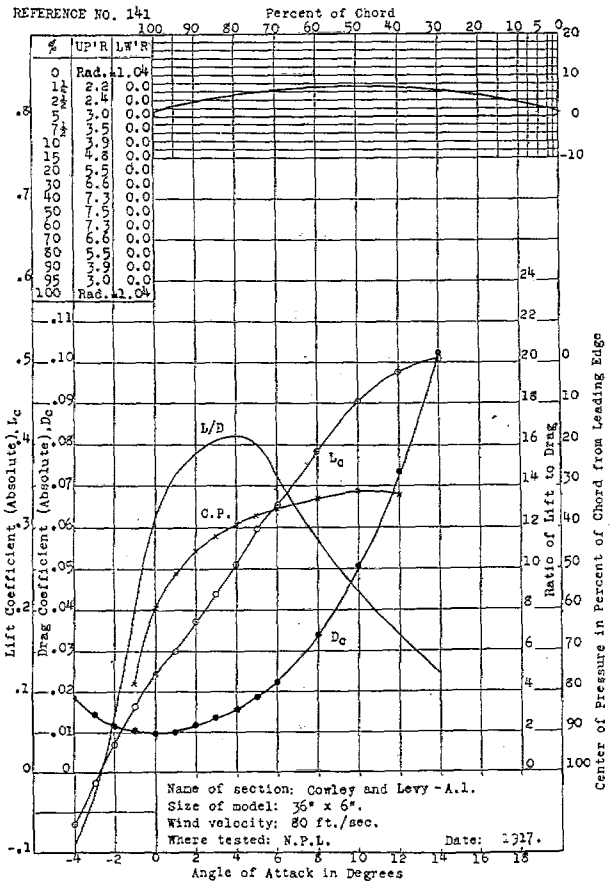
REFERENCE NO. 140

%	UP'R	LW'R
0	0.6	0.6
1¼	2.5	0.0
2½	3.6	0.2
5	4.6	0.7
7½	5.5	1.1
10	6.2	1.6
15	7.2	2.2
20	7.7	2.7
30	7.7	3.2
40	7.6	3.2
50	7.2	2.8
60	6.5	2.2
70	5.5	1.8
80	4.3	1.2
90	2.3	0.9
95	1.1	0.5
100	0.2	0.2



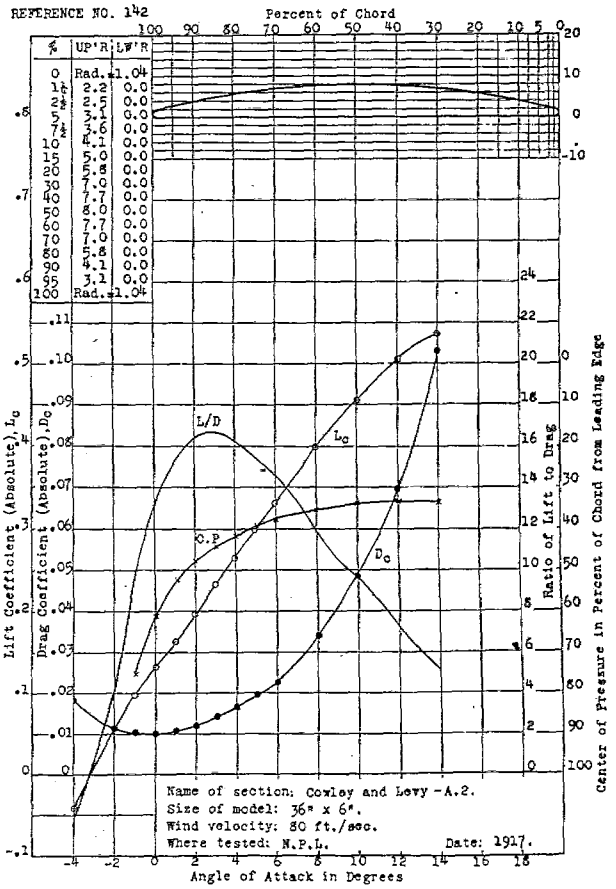
REFERENCE NO. 141

%	UP'R	LW'R
0	Rad.	1.04
1¼	2.2	0.0
2½	2.4	0.0
5	3.0	0.0
7½	3.5	0.0
10	3.9	0.0
15	4.8	0.0
20	5.5	0.0
30	6.6	0.0
40	7.3	0.0
50	7.5	0.0
60	7.3	0.0
70	6.6	0.0
80	5.5	0.0
90	3.9	0.0
95	3.0	0.0
100	Rad.	1.04



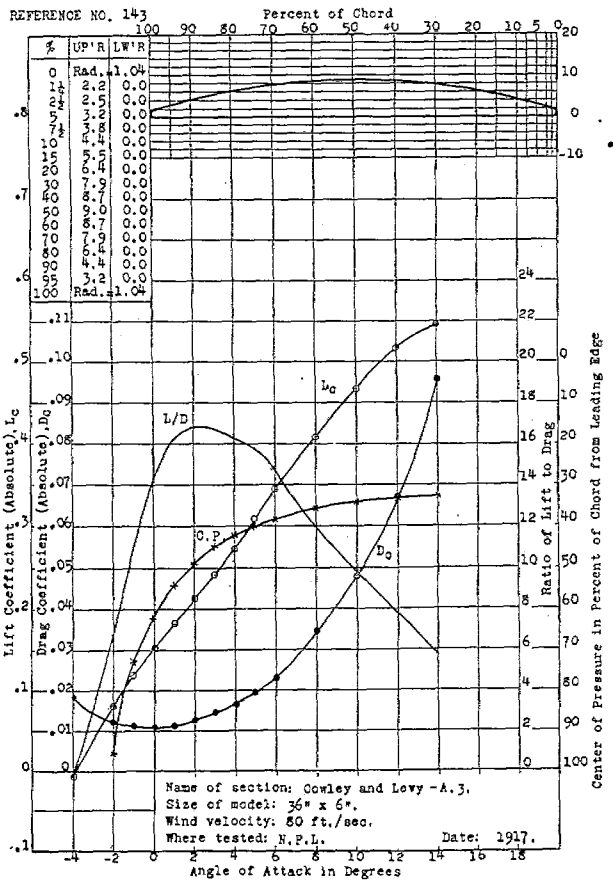
REFERENCE NO. 142

%	UP'R	LW'R
0	Rad.	1.04
1¼	2.2	0.0
2½	2.5	0.0
5	3.1	0.0
7½	3.6	0.0
10	4.1	0.0
15	5.0	0.0
20	5.8	0.0
30	7.0	0.0
40	7.7	0.0
50	8.0	0.0
60	7.7	0.0
70	7.0	0.0
80	5.8	0.0
90	4.1	0.0
95	3.1	0.0
100	Rad.	1.04



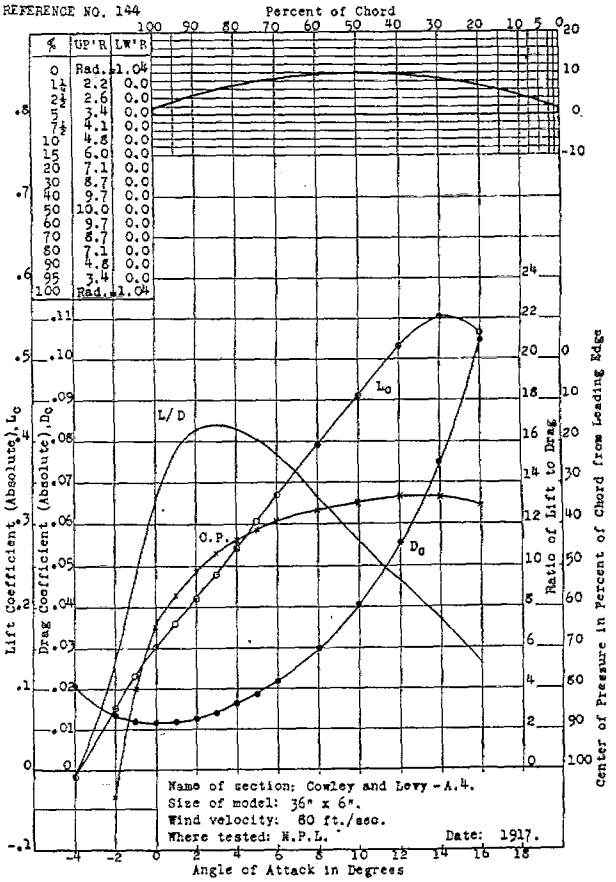
REFERENCE NO. 143

%	UP'R	LW'R
0	Rad.	1.04
1¼	2.2	0.0
2½	2.5	0.0
5	3.2	0.0
7½	3.8	0.0
10	4.4	0.0
15	5.5	0.0
20	6.4	0.0
30	7.9	0.0
40	8.7	0.0
50	9.0	0.0
60	8.7	0.0
70	7.9	0.0
80	6.4	0.0
90	4.4	0.0
95	3.2	0.0
100	Rad.	1.04

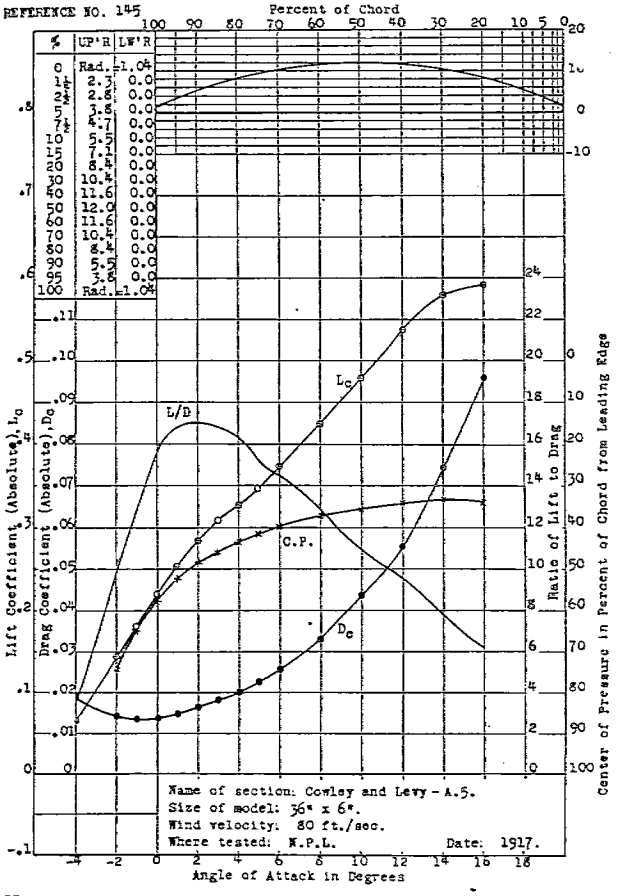


REFERENCE NO. 144

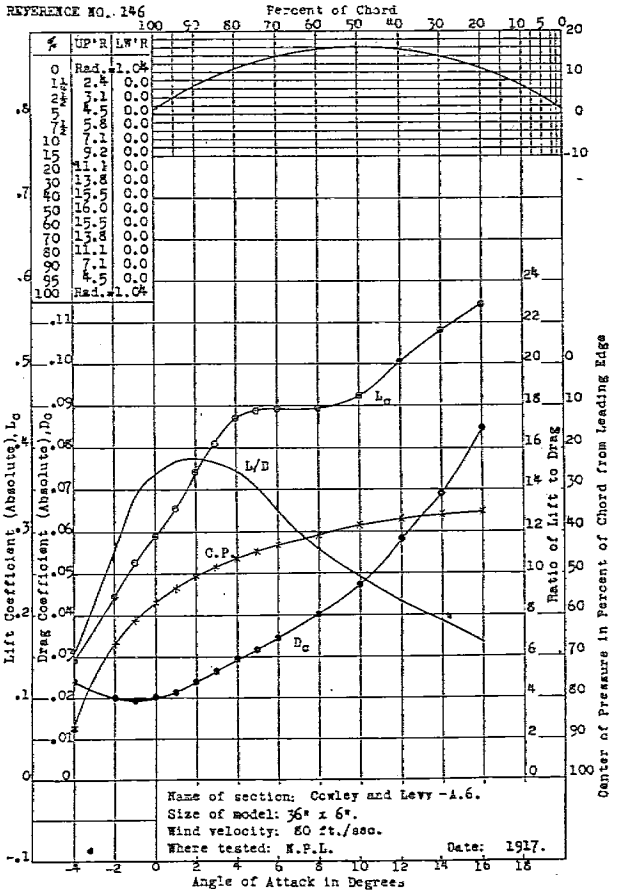
%	UP'R	LW'R
0	Rad.	1.04
1¼	2.2	0.0
2½	2.6	0.0
5	3.4	0.0
7½	4.1	0.0
10	4.8	0.0
15	6.0	0.0
20	7.1	0.0
30	8.7	0.0
40	9.7	0.0
50	10.0	0.0
60	9.7	0.0
70	8.7	0.0
80	7.1	0.0
90	4.8	0.0
95	3.4	0.0
100	Rad.	1.04



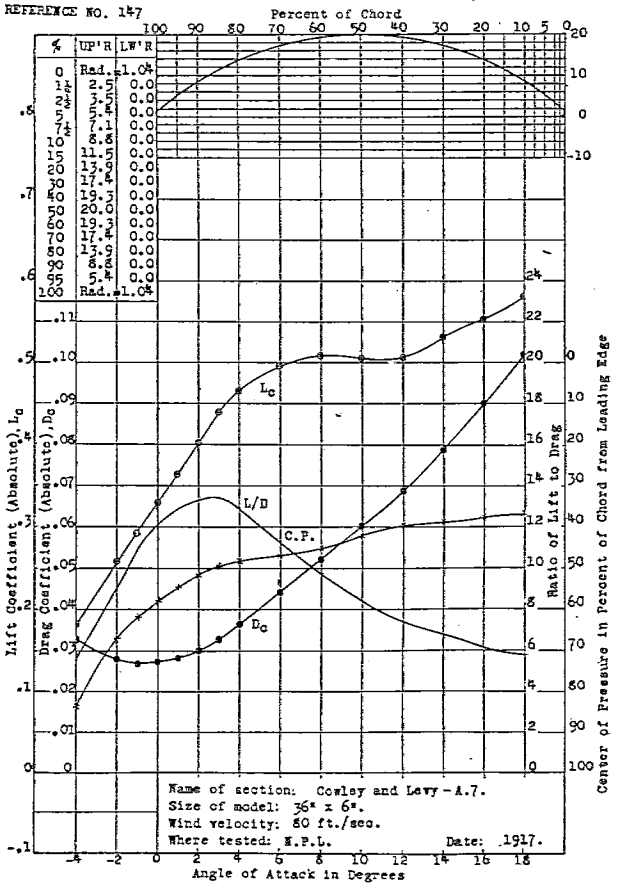
REFERENCE NO. 145



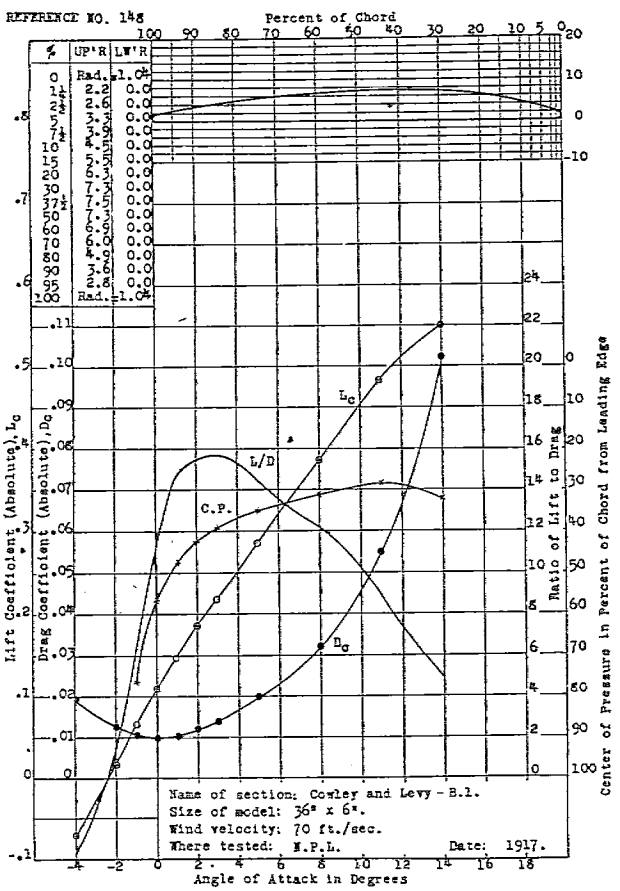
REFERENCE NO. 146



REFERENCE NO. 147

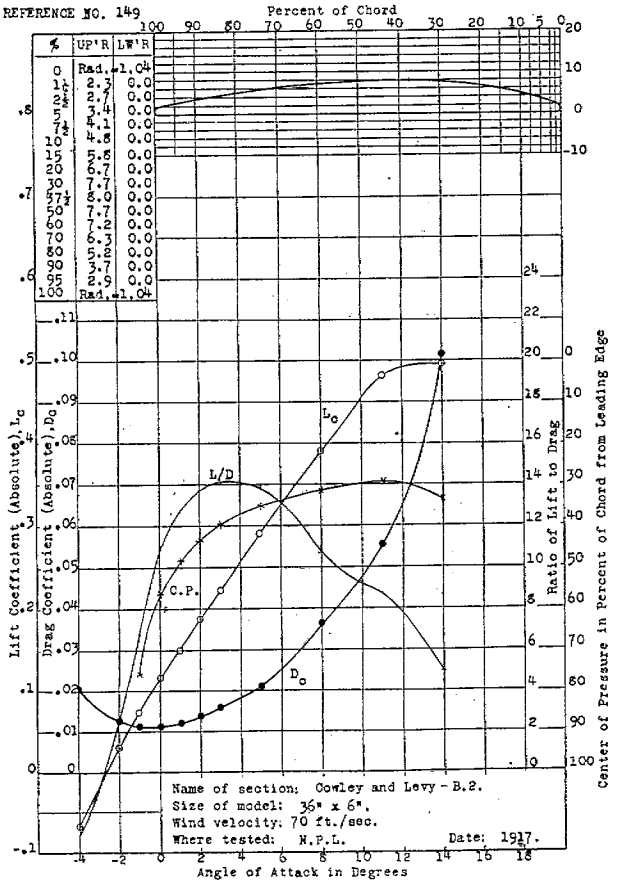


REFERENCE NO. 148



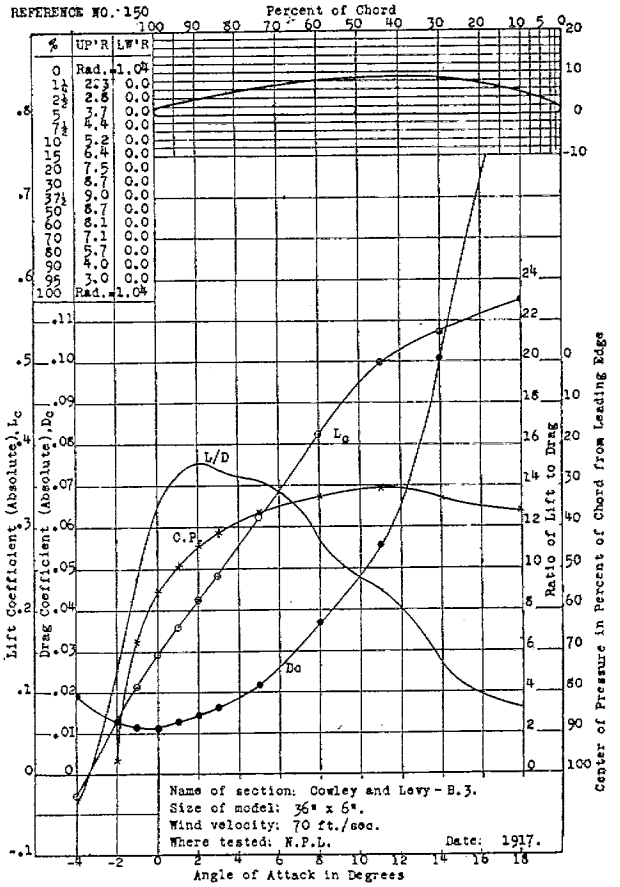
REFERENCE NO. 149

%	UP'R	LW'R
0	Rad. = 1.04	
1¼	2.3	0.0
2½	2.7	0.0
5	3.4	0.0
7½	4.1	0.0
10	4.8	0.0
15	5.8	0.0
20	6.7	0.0
30	7.7	0.0
37½	8.0	0.0
50	7.7	0.0
60	7.2	0.0
70	6.3	0.0
80	5.2	0.0
90	3.7	0.0
95	2.9	0.0
100	Rad. = 1.04	



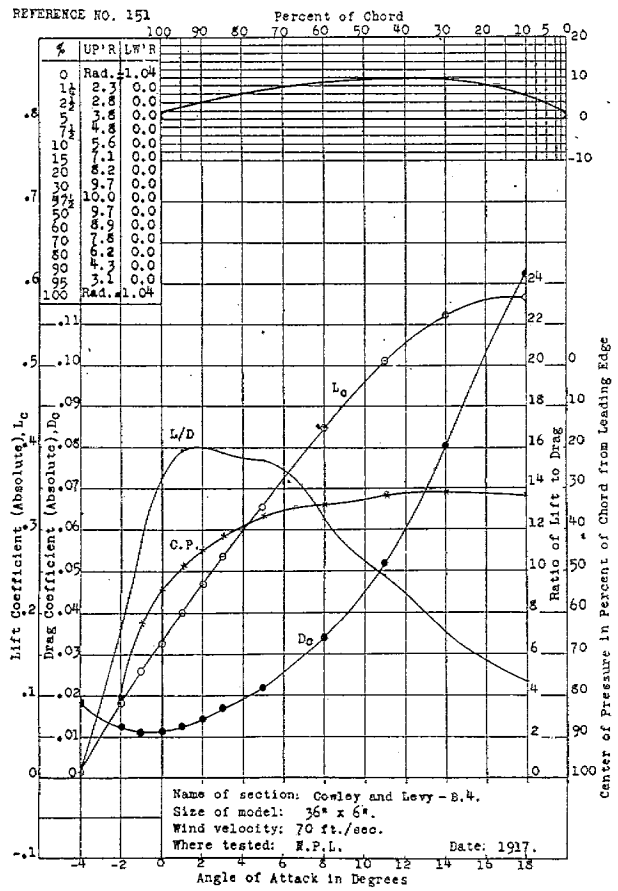
REFERENCE NO. 150

%	UP'R	LW'R
0	Rad. = 1.04	
1¼	2.3	0.0
2½	2.8	0.0
5	3.7	0.0
7½	4.4	0.0
10	5.2	0.0
15	6.4	0.0
20	7.5	0.0
30	8.7	0.0
37½	9.0	0.0
50	8.7	0.0
60	8.1	0.0
70	7.1	0.0
80	5.7	0.0
90	4.0	0.0
95	3.0	0.0
100	Rad. = 1.04	



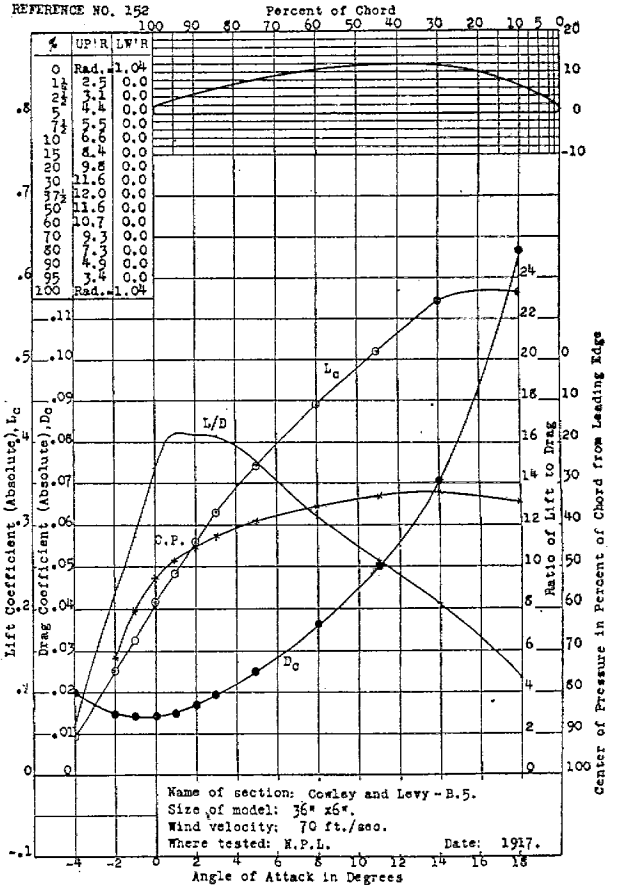
REFERENCE NO. 151

%	UP'R	LW'R
0	Rad. = 1.04	
1¼	2.3	0.0
2½	2.8	0.0
5	3.8	0.0
7½	4.8	0.0
10	5.6	0.0
15	7.1	0.0
20	8.2	0.0
30	9.7	0.0
37½	10.0	0.0
50	9.7	0.0
60	8.9	0.0
70	7.8	0.0
80	6.2	0.0
90	4.3	0.0
95	3.1	0.0
100	Rad. = 1.04	

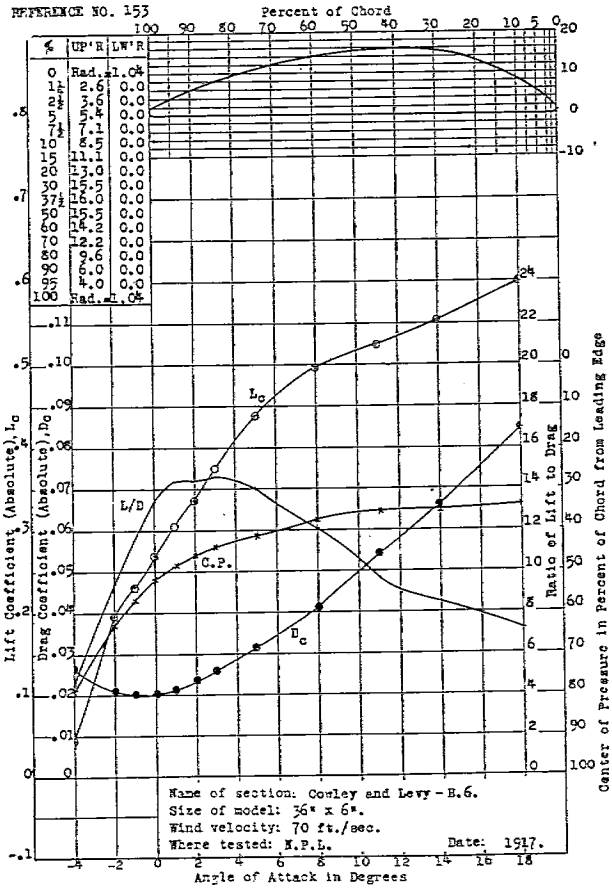


REFERENCE NO. 152

%	UP'R	LW'R
0	Rad. = 1.04	
1¼	2.5	0.0
2½	3.1	0.0
5	4.4	0.0
7½	5.5	0.0
10	6.6	0.0
15	8.4	0.0
20	9.8	0.0
30	11.6	0.0
37½	12.0	0.0
50	11.6	0.0
60	10.7	0.0
70	9.3	0.0
80	7.3	0.0
90	4.9	0.0
95	3.4	0.0
100	Rad. = 1.04	

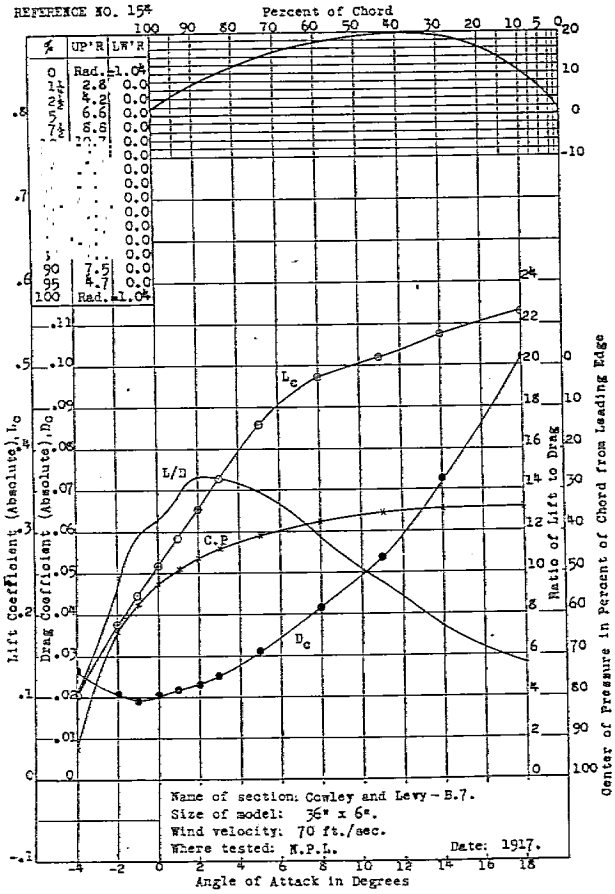


REFERENCE NO. 153



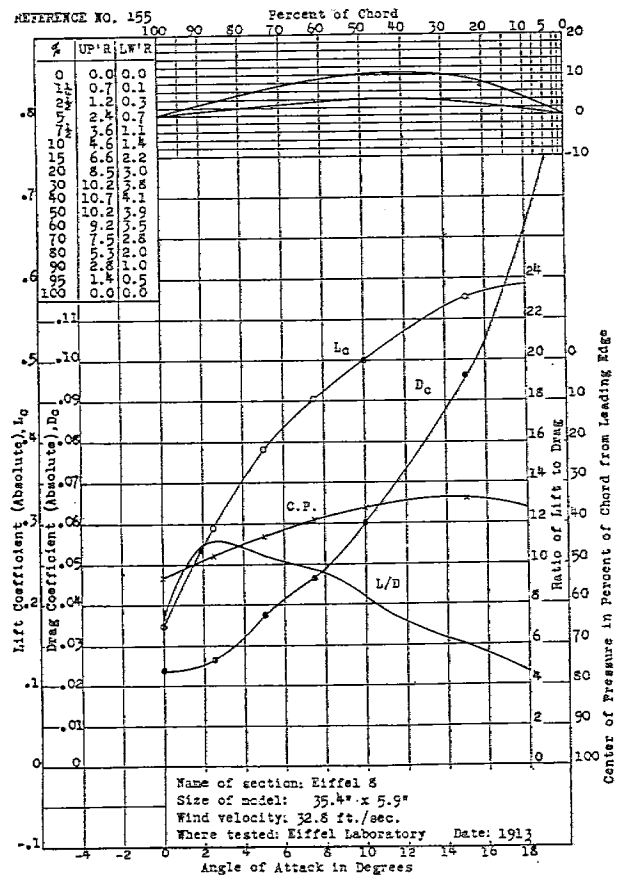
%	UP'R	LW'R
0	Rad.	1.0%
1¼	2.6	0.0
2½	3.6	0.0
5	5.5	0.0
7½	7.1	0.0
10	8.5	0.0
15	11.1	0.0
20	13.0	0.0
30	15.5	0.0
37½	16.0	0.0
50	15.5	0.0
60	14.2	0.0
70	12.2	0.0
80	9.6	0.0
90	6.0	0.0
95	4.0	0.0
100	Rad.	1.0%

REFERENCE NO. 154



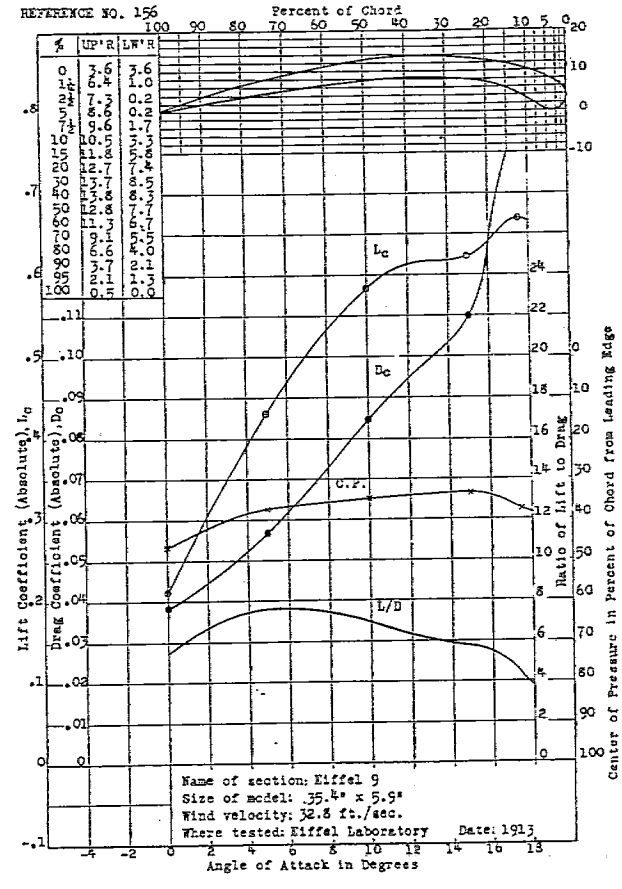
%	UP'R	LW'R
0	Rad.	1.0%
1¼	2.8	0.0
2½	4.2	0.0
5	6.6	0.0
7½	8.6	0.0
90	7.5	0.0
95	4.7	0.0
100	Rad.	1.0%

REFERENCE NO. 155



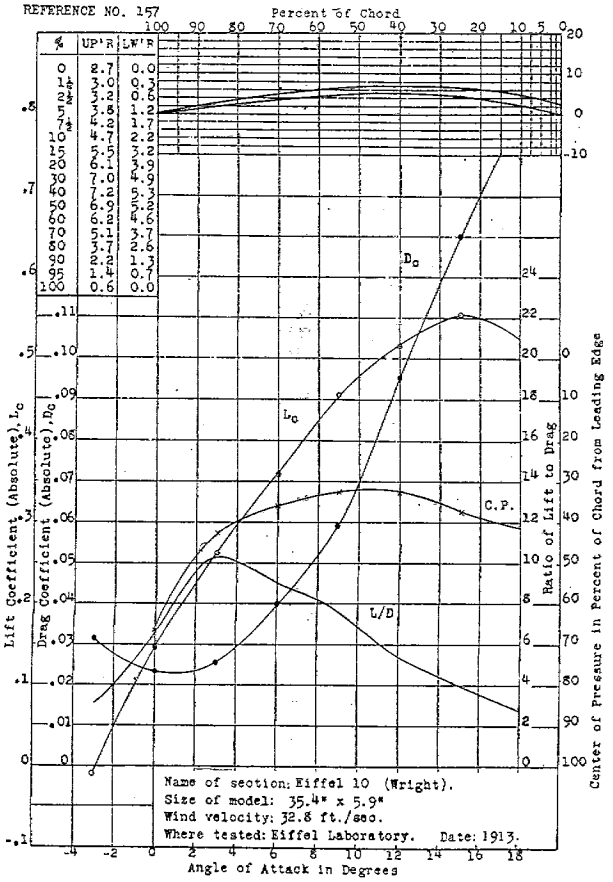
%	UP'R	LW'R
0	0.0	0.0
1¼	0.7	0.1
2½	1.2	0.3
5	2.4	0.7
7½	3.6	1.1
10	4.6	1.4
15	6.6	2.2
20	8.5	3.0
30	10.2	3.8
40	10.7	4.1
50	10.2	3.9
60	9.2	3.5
70	7.5	2.8
80	5.3	2.0
90	2.8	1.0
95	1.4	0.5
100	0.0	0.0

REFERENCE NO. 156



%	UP'R	LW'R
0	3.6	3.6
1¼	6.4	1.0
2½	7.3	0.2
5	8.6	0.2
7½	9.6	1.7
10	10.5	3.3
15	11.8	5.6
20	12.7	7.4
30	13.7	8.5
40	13.8	8.5
50	13.8	7.7
60	11.3	6.7
70	9.1	5.5
80	6.6	4.0
90	3.7	2.1
95	2.1	1.3
100	0.5	0.0

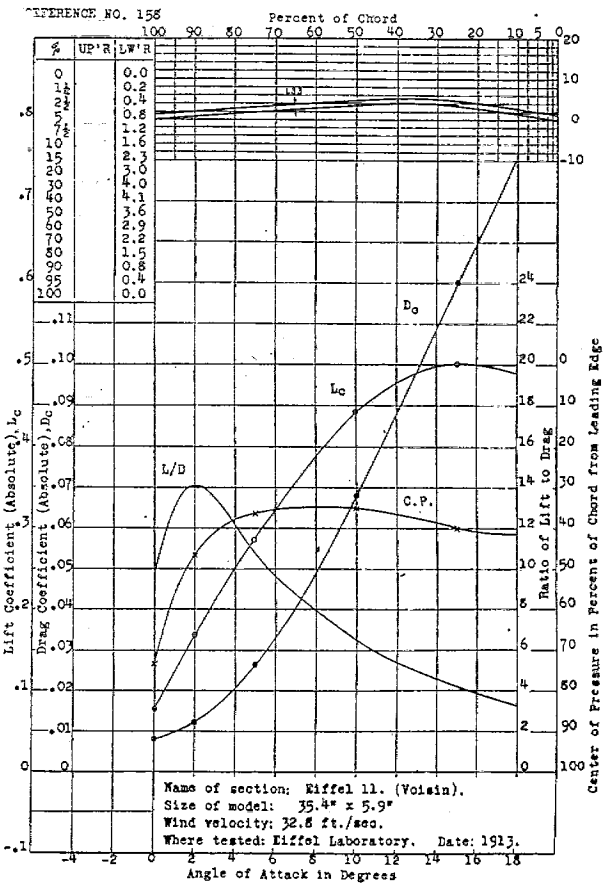
REFERENCE NO. 157



%	UP'R	LW'R
0	2.7	0.0
1¼	3.0	0.3
2½	3.2	0.6
5	3.8	1.2
7½	4.2	1.7
10	4.7	2.2
15	5.5	3.2
20	6.1	3.9
30	7.0	4.9
40	7.2	5.3
50	6.9	5.2
60	6.2	4.6
70	5.1	3.7
80	3.7	2.6
90	2.2	1.3
95	1.4	0.7
100	0.6	0.0

Name of section: Eiffel 10 (Wright).
Size of model: 35.4" x 5.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

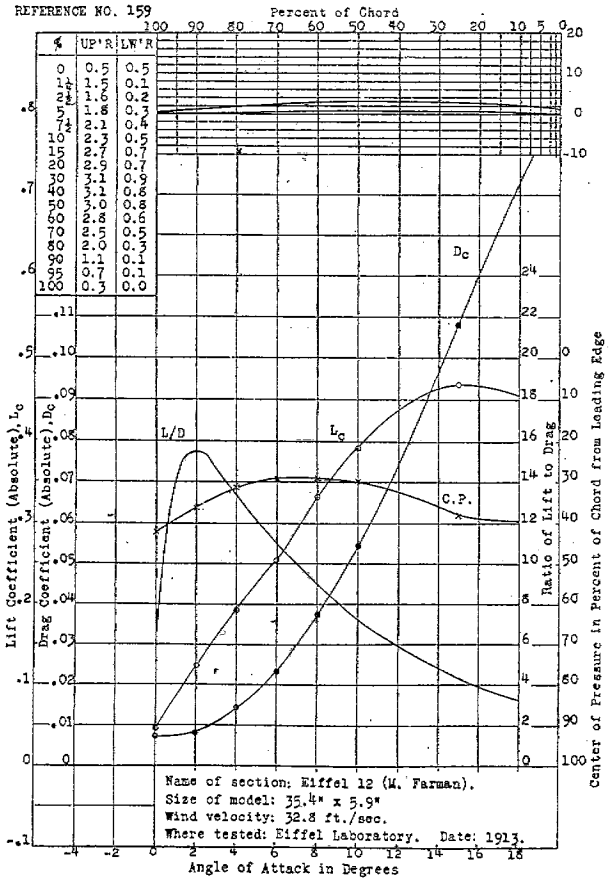
REFERENCE NO. 158



%	UP'R	LW'R
0		0.0
1¼		0.2
2½		0.4
5		0.8
7½		1.2
10		1.6
15		2.3
20		3.0
30		4.0
40		4.1
50		3.6
60		2.9
70		2.2
80		1.5
90		0.8
95		0.4
100		0.0

Name of section: Eiffel 11. (Voisin).
Size of model: 35.4" x 5.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

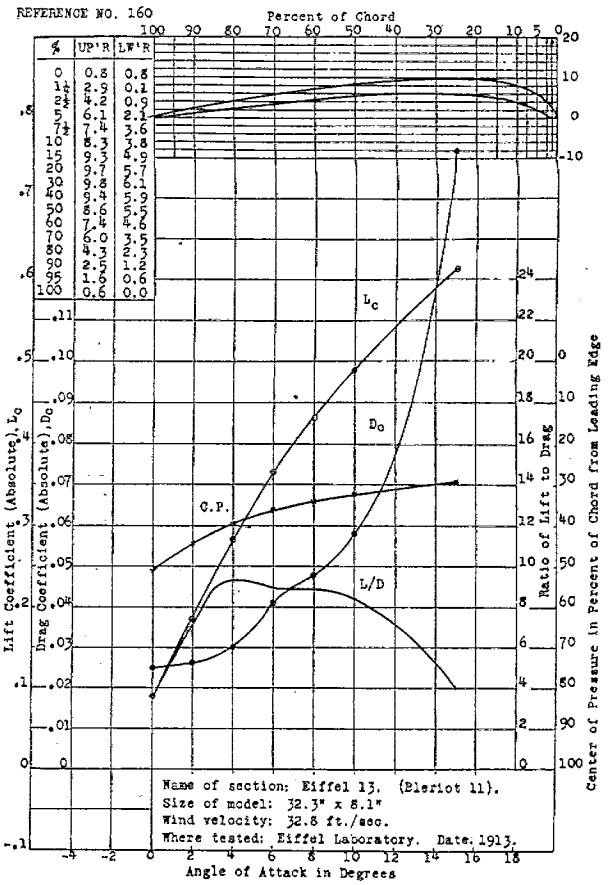
REFERENCE NO. 159



%	UP'R	LW'R
0	0.5	0.5
1¼	1.5	0.1
2½	1.6	0.2
5	1.8	0.3
7½	2.1	0.4
10	2.3	0.5
15	2.7	0.7
20	2.9	0.7
30	3.1	0.9
40	3.1	0.8
50	3.0	0.8
60	2.8	0.6
70	2.5	0.5
80	2.0	0.3
90	1.1	0.1
95	0.7	0.1
100	0.3	0.0

Name of section: Eiffel 12 (M. Farman).
Size of model: 35.4" x 5.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 160

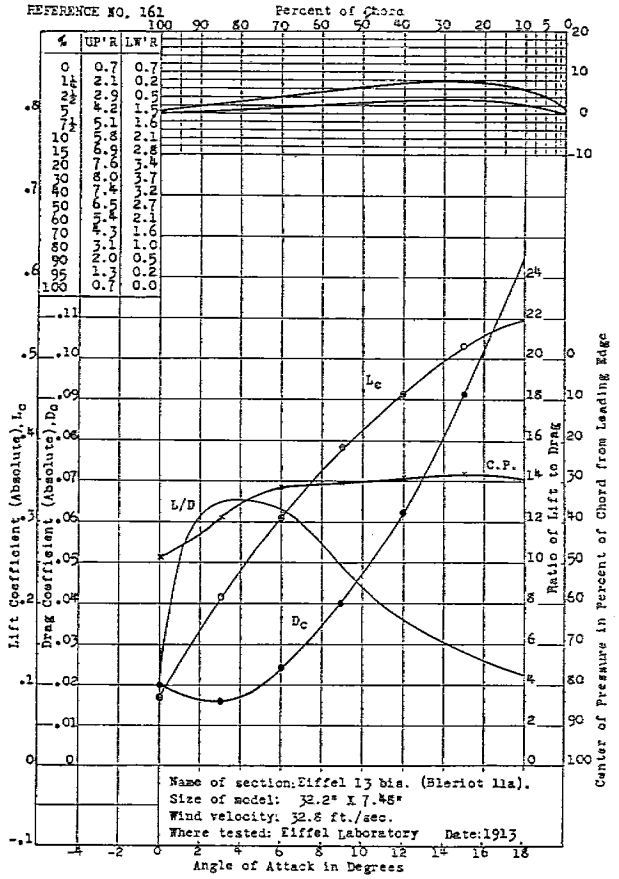


%	UP'R	LW'R
0	0.8	0.8
1¼	2.9	0.1
2½	4.2	0.9
5	6.1	2.1
7½	7.4	3.6
10	8.3	3.8
15	9.3	4.9
20	9.7	5.7
30	9.8	6.1
40	9.4	5.9
50	8.6	5.5
60	7.4	4.6
70	6.0	3.5
80	4.3	2.3
90	2.5	1.2
95	1.6	0.6
100	0.6	0.0

Name of section: Eiffel 13. (Blériot 11).
Size of model: 32.3" x 8.1"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 161

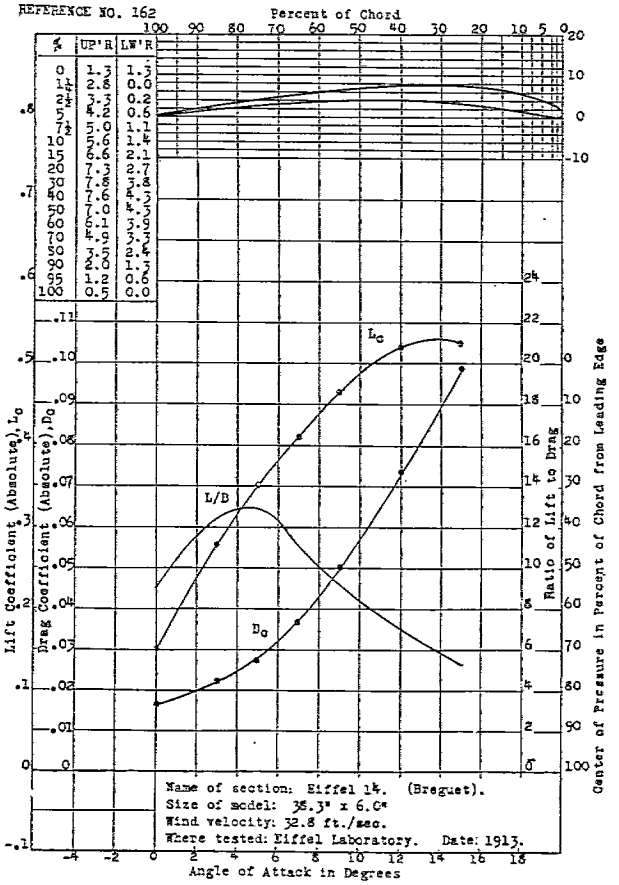
%	UP'R	LW'R
0	0.7	0.7
1¼	2.1	0.2
2½	2.9	0.5
5	4.2	1.7
7½	5.1	1.6
10	5.8	2.1
15	6.9	2.8
20	7.6	3.4
30	8.0	3.7
40	7.4	3.2
50	6.5	2.7
60	5.4	2.1
70	4.3	1.6
80	3.1	1.0
90	1.9	0.5
95	1.3	0.2
100	0.7	0.0



Name of section: Eiffel 13 bis. (Bleriot 11a).
Size of model: 32.2" x 7.45"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory Date: 1913

REFERENCE NO. 162

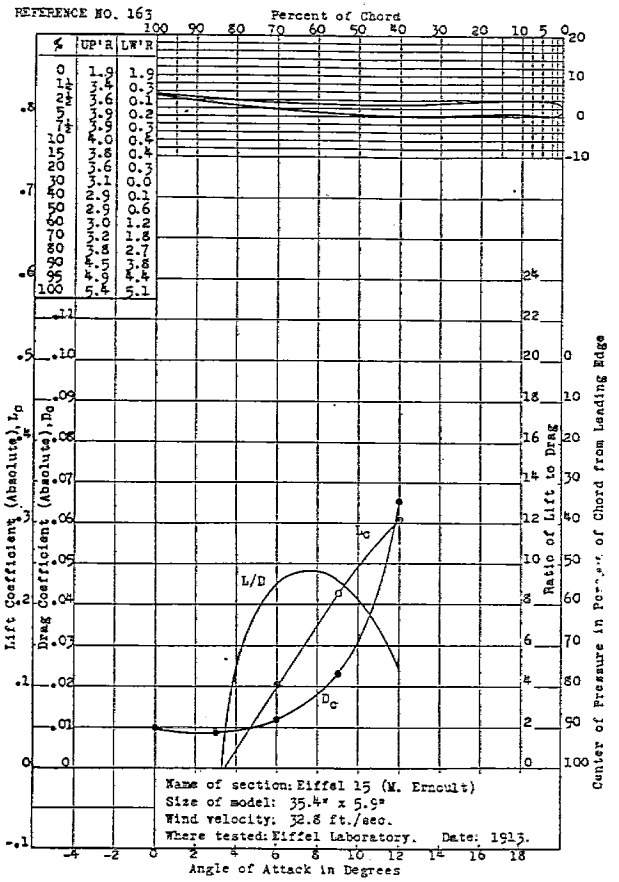
%	UP'R	LW'R
0	1.3	1.3
1¼	2.8	0.0
2½	3.3	0.2
5	4.2	0.6
7½	5.0	1.1
10	5.6	1.4
15	6.6	2.1
20	7.3	2.7
30	7.8	3.8
40	7.6	4.3
50	7.0	4.3
60	6.1	3.9
70	4.9	3.3
80	3.5	2.4
90	2.0	1.3
95	1.2	0.6
100	0.5	0.0



Name of section: Eiffel 14. (Breguet).
Size of model: 35.3" x 6.0"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 163

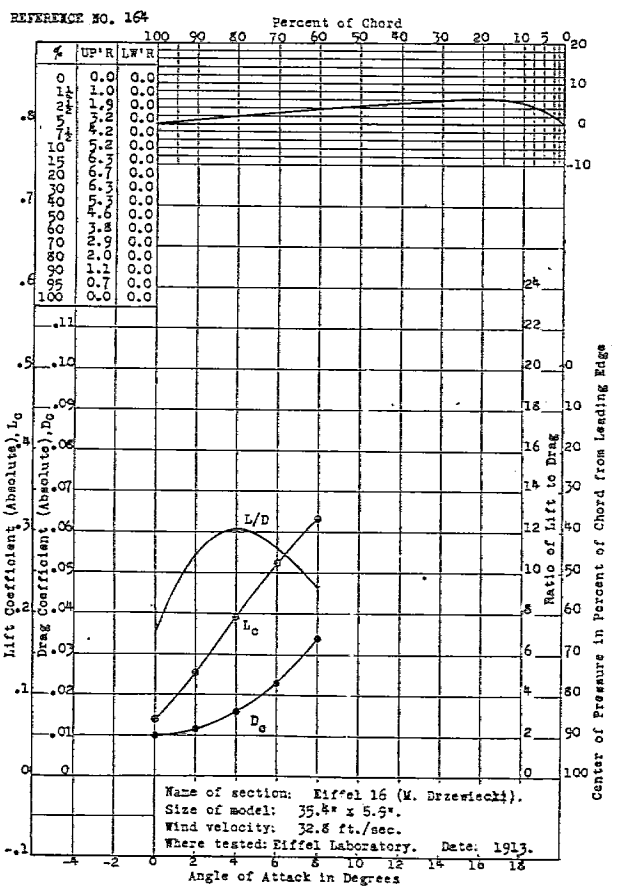
%	UP'R	LW'R
0	1.9	1.9
1¼	3.4	0.3
2½	3.6	0.1
5	3.9	0.2
7½	3.8	0.3
10	4.0	0.4
15	3.8	0.3
20	3.6	0.3
30	3.1	0.0
40	2.9	0.1
50	2.9	0.6
60	3.0	1.2
70	3.2	1.8
80	3.8	2.7
90	4.6	3.8
95	5.0	4.4
100	5.4	5.1



Name of section: Eiffel 15 (M. Ernoult)
Size of model: 35.4" x 5.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 164

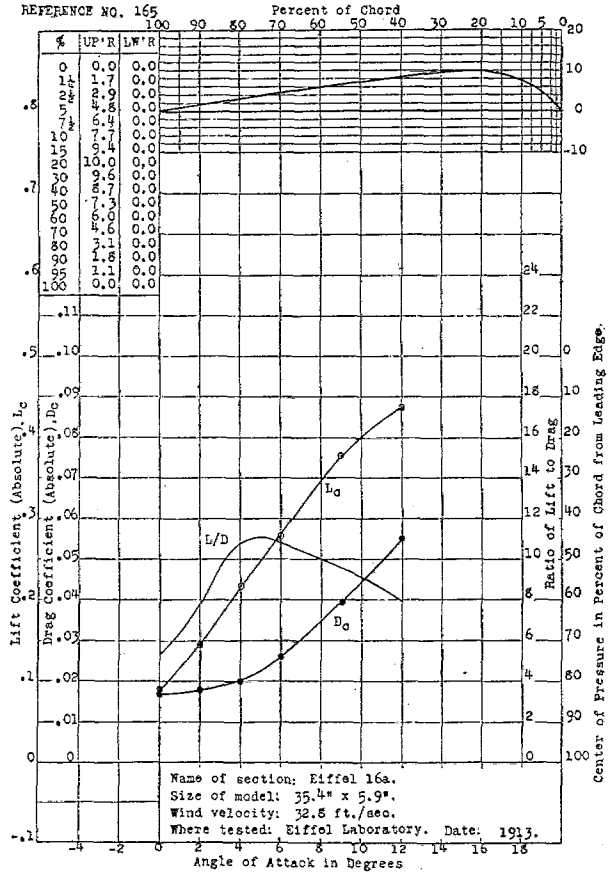
%	UP'R	LW'R
0	0.0	0.0
1¼	1.0	0.0
2½	1.9	0.0
5	3.2	0.0
7½	4.2	0.0
10	5.2	0.0
15	6.3	0.0
20	6.7	0.0
30	6.3	0.0
40	5.3	0.0
50	4.6	0.0
60	3.8	0.0
70	2.9	0.0
80	2.0	0.0
90	1.2	0.0
95	0.7	0.0
100	0.0	0.0



Name of section: Eiffel 16 (M. Drzewiecki).
Size of model: 35.4" x 5.9".
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 165

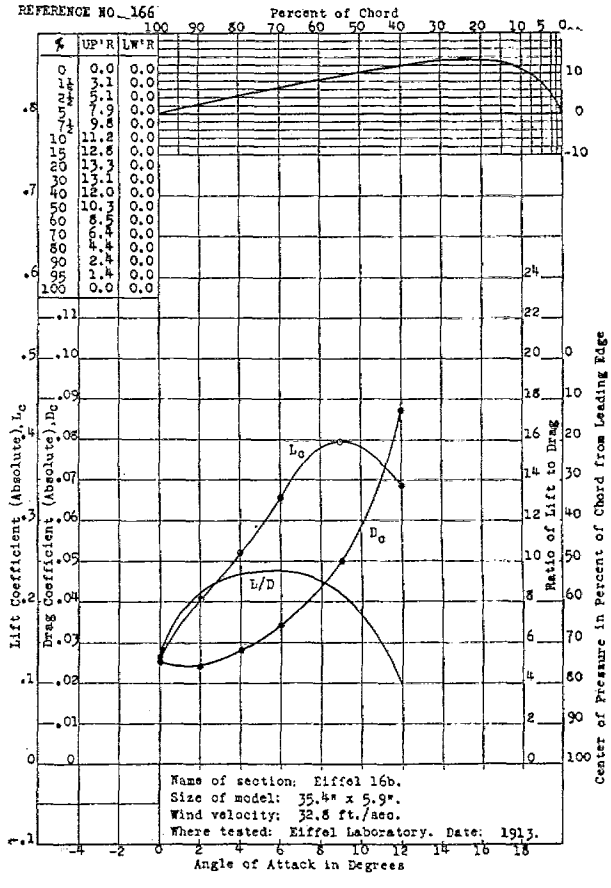
%	UP'R	LW'R
0	0.0	0.0
1¼	1.7	0.0
2½	2.9	0.0
5	4.8	0.0
7½	6.4	0.0
10	7.7	0.0
15	9.4	0.0
20	10.0	0.0
30	9.6	0.0
40	8.7	0.0
50	7.3	0.0
60	6.0	0.0
70	4.6	0.0
80	3.1	0.0
90	1.8	0.0
95	1.1	0.0
100	0.0	0.0



Name of section: Eiffel 16a.
Size of model: 35.4" x 5.9".
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 166

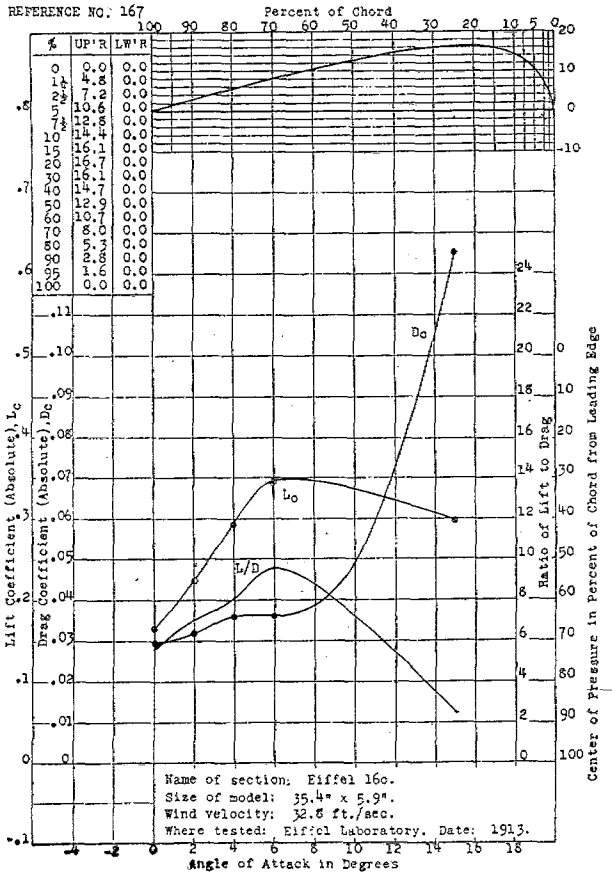
%	UP'R	LW'R
0	0.0	0.0
1¼	3.1	0.0
2½	5.1	0.0
5	7.9	0.0
7½	9.8	0.0
10	11.2	0.0
15	12.6	0.0
20	13.3	0.0
30	13.1	0.0
40	12.0	0.0
50	10.3	0.0
60	8.5	0.0
70	6.4	0.0
80	4.4	0.0
90	2.4	0.0
95	1.4	0.0
100	0.0	0.0



Name of section: Eiffel 16b.
Size of model: 35.4" x 5.9".
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 167

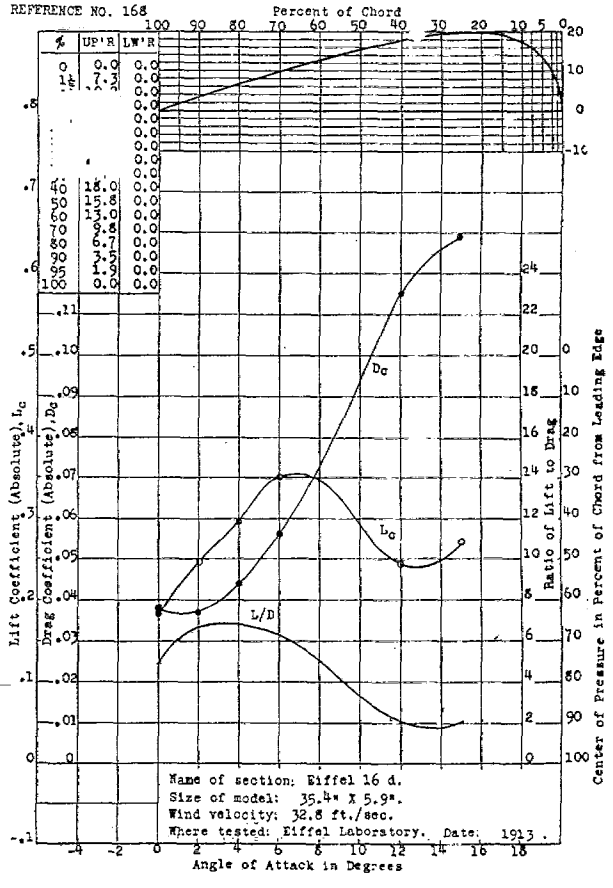
%	UP'R	LW'R
0	0.0	0.0
1¼	4.8	0.0
2½	7.2	0.0
5	10.6	0.0
7½	12.8	0.0
10	14.4	0.0
15	16.1	0.0
20	16.7	0.0
30	16.1	0.0
40	14.7	0.0
50	12.9	0.0
60	10.7	0.0
70	8.0	0.0
80	5.3	0.0
90	2.8	0.0
95	1.6	0.0
100	0.0	0.0



Name of section: Eiffel 16c.
Size of model: 35.4" x 5.9".
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 168

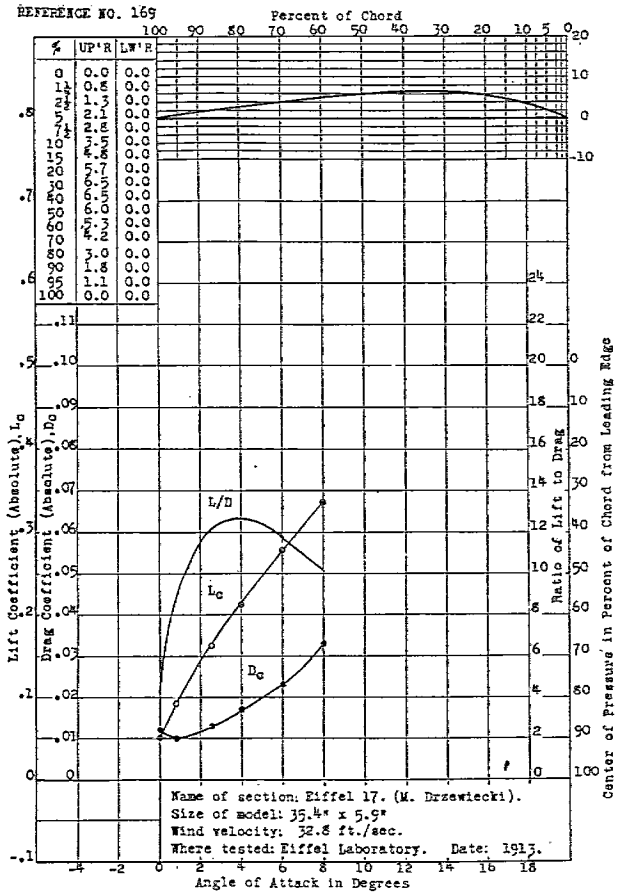
%	UP'R	LW'R
0	0.0	0.0
1¼	7.3	0.0
40	18.0	0.0
50	15.8	0.0
60	13.0	0.0
70	9.8	0.0
80	6.7	0.0
90	3.5	0.0
95	1.9	0.0
100	0.0	0.0



Name of section: Eiffel 16 d.
Size of model: 35.4" X 5.9".
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 169

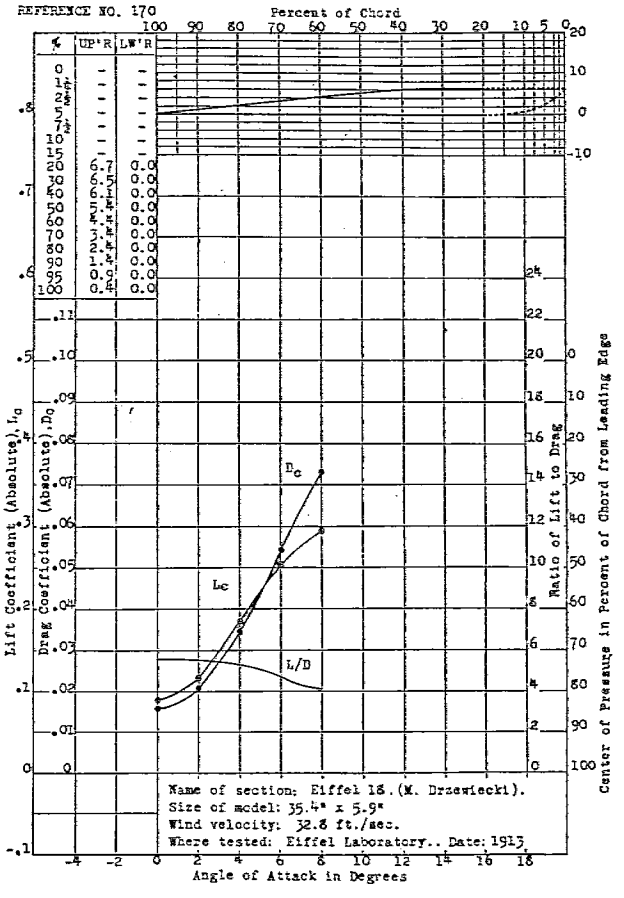
%	UP'R	LW'R
0	0.0	0.0
1¼	0.5	0.0
2½	1.3	0.0
5	2.5	0.0
7½	3.5	0.0
10	4.5	0.0
15	5.7	0.0
20	6.5	0.0
30	6.5	0.0
40	6.0	0.0
50	5.3	0.0
60	4.2	0.0
70	3.0	0.0
80	1.8	0.0
90	1.1	0.0
95	0.0	0.0
100	0.0	0.0



Name of section: Eiffel 17. (M. Drzewiecki).
Size of model: 35.4" x 5.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1913.

REFERENCE NO. 170

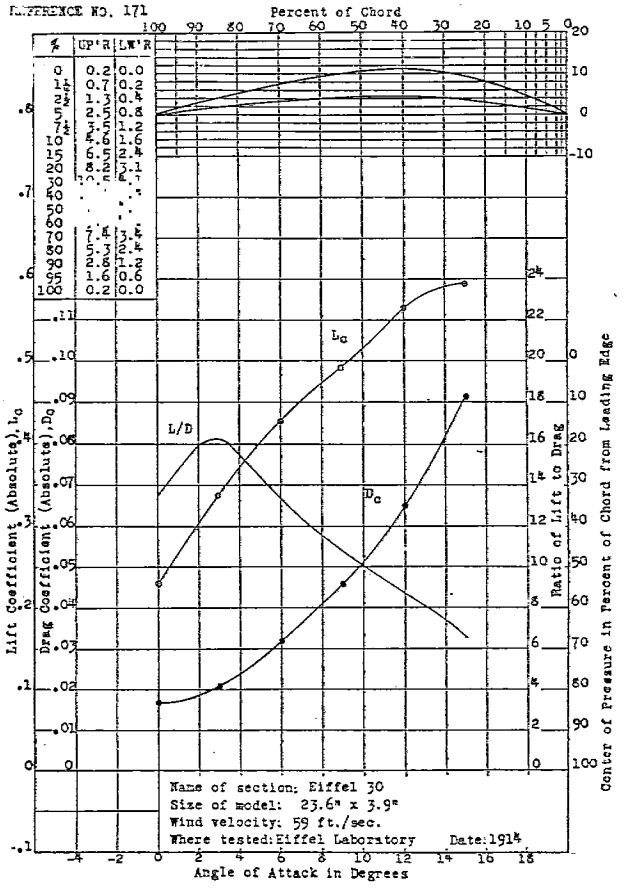
%	UP'R	LW'R
0	–	–
1¼	–	–
2½	–	–
5	–	–
7½	–	–
10	–	–
15	–	–
20	6.7	0.0
30	6.5	0.0
40	6.1	0.0
50	5.4	0.0
60	4.4	0.0
70	3.4	0.0
80	2.4	0.0
90	1.4	0.0
95	0.9	0.0
100	0.4	0.0



Name of section: Eiffel 18. (M. Drzewiecki).
Size of model: 35.4" x 5.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory.. Date: 1913.

REFERENCE NO. 171

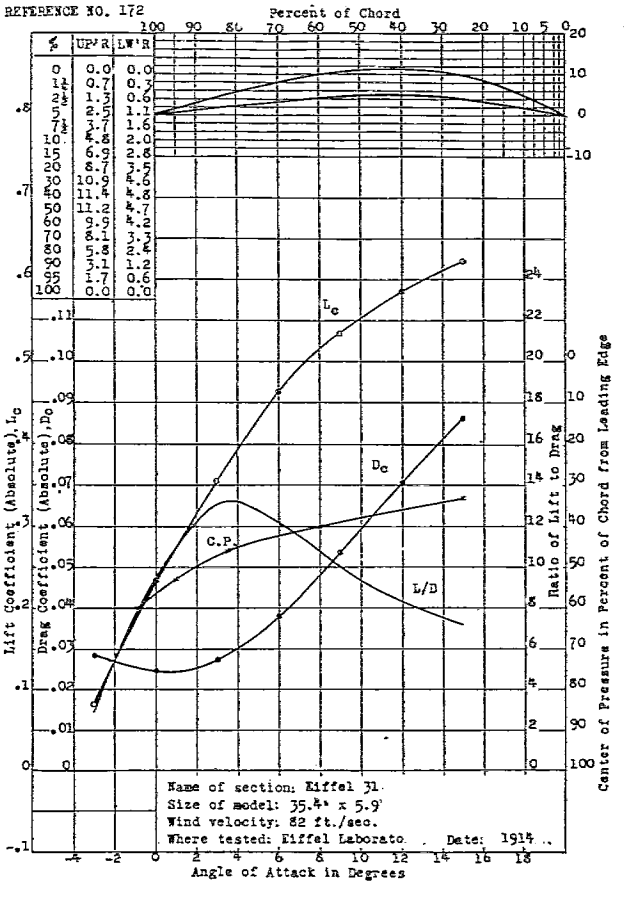
%	UP'R	LW'R
0	0.2	0.0
1¼	0.7	0.2
2½	1.3	0.4
5	2.5	0.8
7½	3.5	1.2
10	4.6	1.6
15	6.5	2.4
20	8.2	3.1
30	[illegible]	[illegible]
40	[illegible]	[illegible]
50	[illegible]	[illegible]
60	[illegible]	[illegible]
70	7.4	3.4
80	5.3	2.4
90	2.8	1.2
95	1.6	0.6
100	0.2	0.0



Name of section: Eiffel 30
Size of model: 23.6" x 3.9"
Wind velocity: 59 ft./sec.
Where tested: Eiffel Laboratory Date: 1914

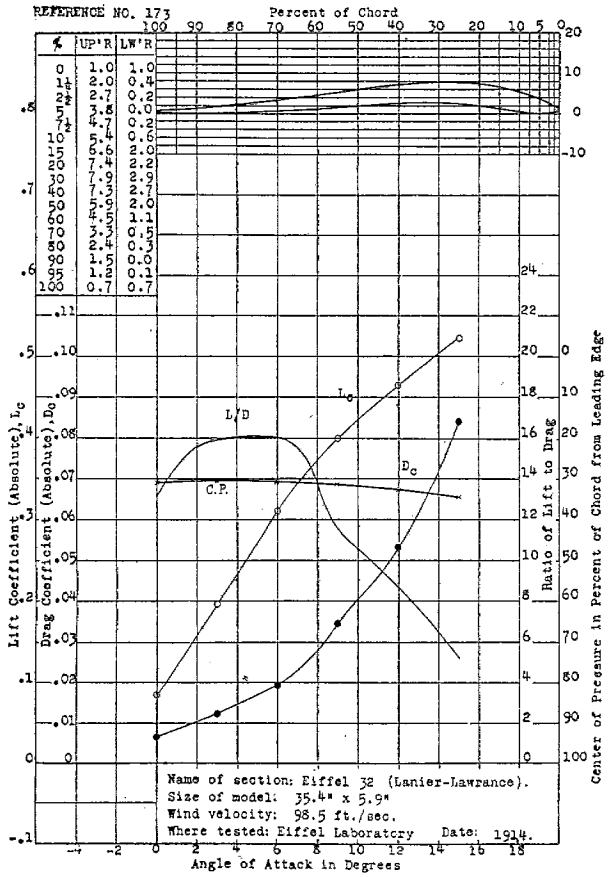
REFERENCE NO. 172

%	UP'R	LW'R
0	0.0	0.0
1¼	0.7	0.3
2½	1.3	0.6
5	2.5	1.1
7½	3.7	1.6
10	4.8	2.0
15	6.9	2.8
20	8.7	3.5
30	10.9	4.6
40	11.4	4.8
50	11.2	4.7
60	9.9	4.2
70	8.1	3.3
80	5.8	2.4
90	3.1	1.2
95	1.7	0.6
100	0.0	0.0



Name of section: Eiffel 31.
Size of model: 35.4" x 5.9"
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laborato.. Date: 1914..

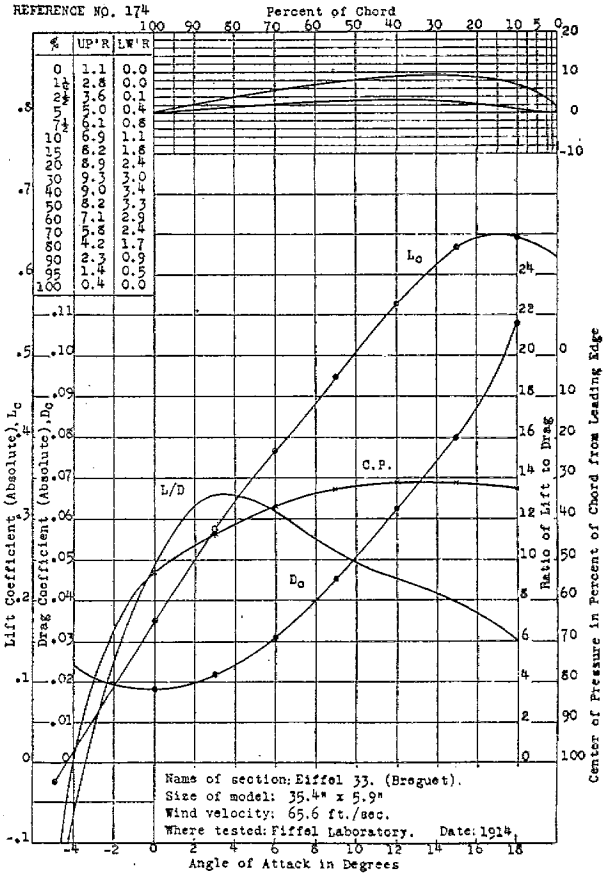
REFERENCE NO. 173



%	UP'R	LW'R
0	1.0	1.0
1¼	2.0	0.4
2½	2.7	0.2
5	3.8	0.0
7½	4.7	0.2
10	5.4	0.6
15	6.6	2.0
20	7.4	2.2
30	7.9	2.9
40	7.3	2.7
50	5.9	2.0
60	4.5	1.1
70	3.3	0.5
80	2.4	0.3
90	1.5	0.0
95	1.2	0.1
100	0.7	0.7

Name of section: Eiffel 32 (Lanier-Lawrance).
Size of model: 35.4" x 5.9"
Wind velocity: 98.5 ft./sec.
Where tested: Eiffel Laboratory Date: 1914.

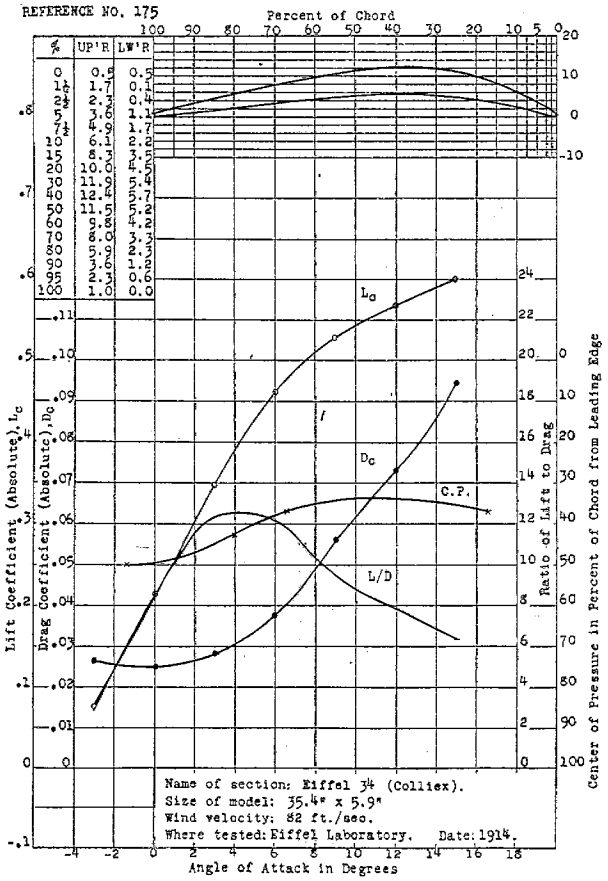
REFERENCE NO. 174



%	UP'R	LW'R
0	1.1	0.0
1¼	2.8	0.0
2½	3.6	0.1
5	5.0	0.4
7½	6.1	0.8
10	6.9	1.1
15	8.2	1.8
20	8.9	2.4
30	9.3	3.0
40	9.0	3.4
50	8.2	3.3
60	7.1	2.8
70	5.8	2.4
80	4.2	1.7
90	2.3	0.9
95	1.4	0.5
100	0.4	0.0

Name of section: Eiffel 33. (Breguet).
Size of model: 35.4" x 5.9"
Wind velocity: 65.6 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

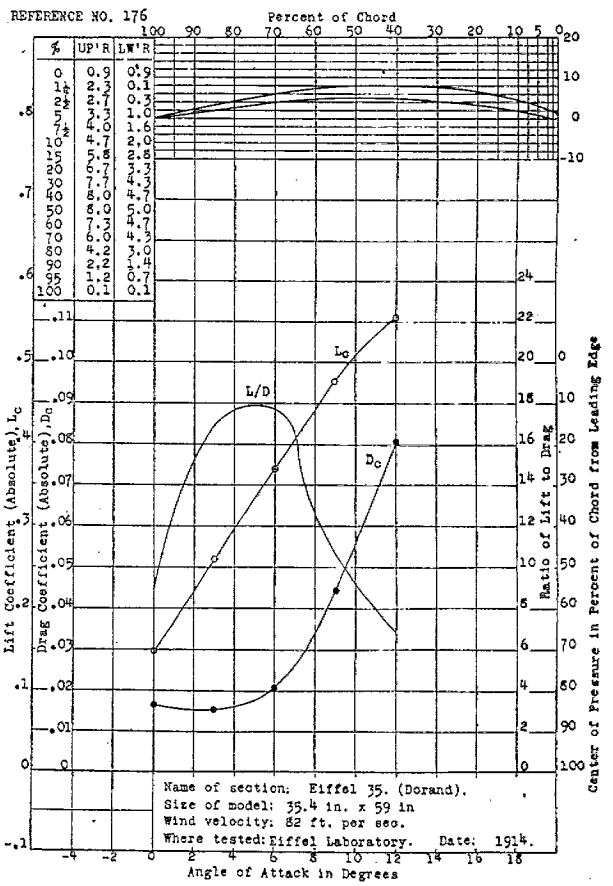
REFERENCE NO. 175



%	UP'R	LW'R
0	0.5	0.5
1¼	1.7	0.1
2½	2.3	0.4
5	3.6	1.1
7½	4.9	1.7
10	6.1	2.2
15	8.3	3.5
20	10.0	4.5
30	11.9	5.4
40	12.4	5.7
50	11.5	5.2
60	9.8	4.2
70	8.0	3.3
80	5.9	2.3
90	3.6	1.2
95	2.3	0.6
100	1.0	0.0

Name of section: Eiffel 34 (Colliex).
Size of model: 35.4" x 5.9"
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 176

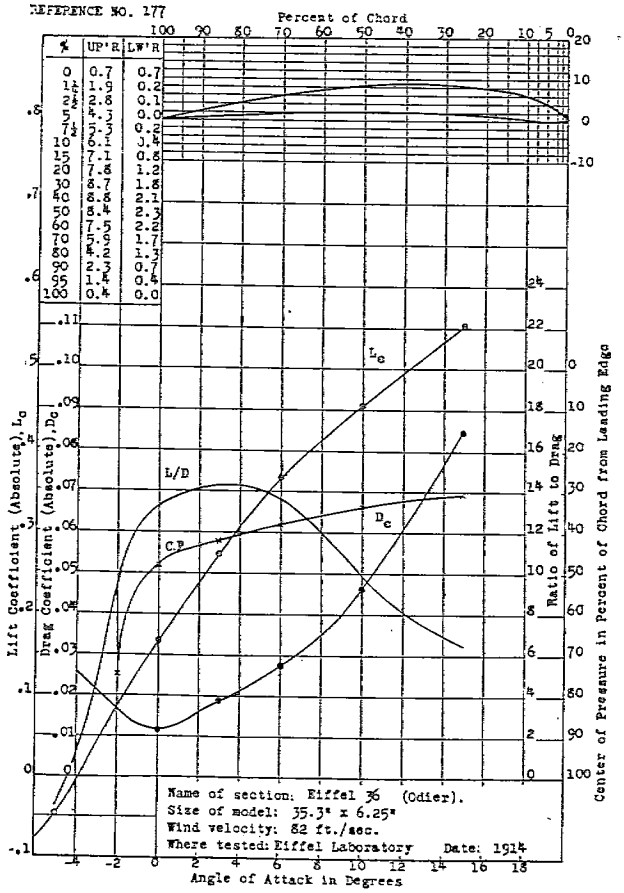


%	UP'R	LW'R
0	0.9	0.9
1¼	2.3	0.1
2½	2.7	0.3
5	3.3	1.0
7½	4.0	1.6
10	4.7	2.0
15	5.8	2.8
20	6.7	3.3
30	7.7	4.3
40	8.0	4.7
50	8.0	5.0
60	7.3	4.7
70	6.0	4.3
80	4.2	3.0
90	2.2	1.4
95	1.2	0.7
100	0.1	0.1

Name of section: Eiffel 35. (Dorand).
Size of model: 35.4 in. x 59 in
Wind velocity: 82 ft. per sec.
Where tested: Eiffel Laboratory. Date: 1914.

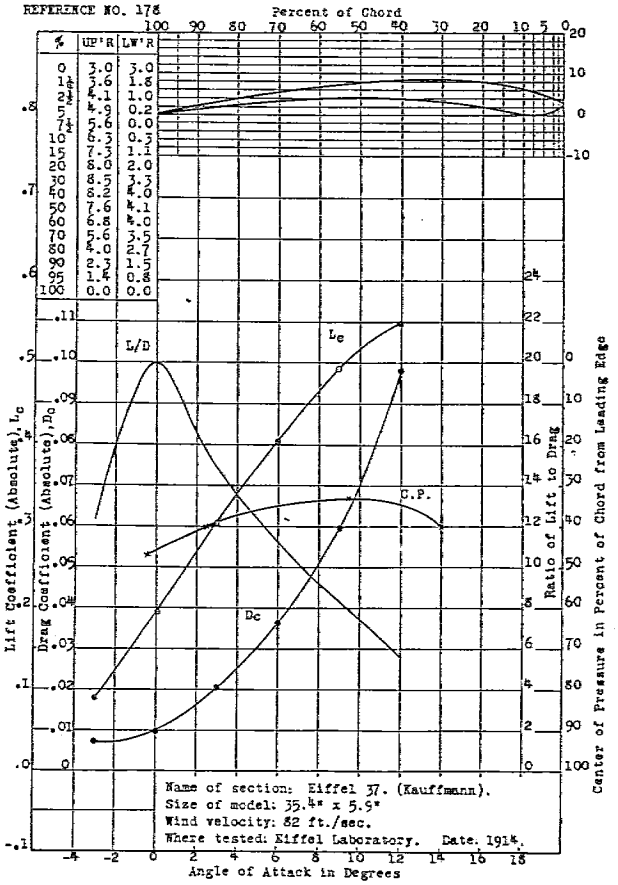
REFERENCE NO. 177

%	UP'R	LW'R
0	0.7	0.7
1¼	1.9	0.2
2½	2.8	0.1
5	4.3	0.0
7½	5.5	0.2
10	6.1	0.4
15	7.1	0.8
20	7.8	1.2
30	8.7	1.8
40	8.8	2.1
50	8.4	2.3
60	7.5	2.2
70	5.9	1.7
80	4.2	1.3
90	2.3	0.7
95	1.4	0.4
100	0.4	0.0



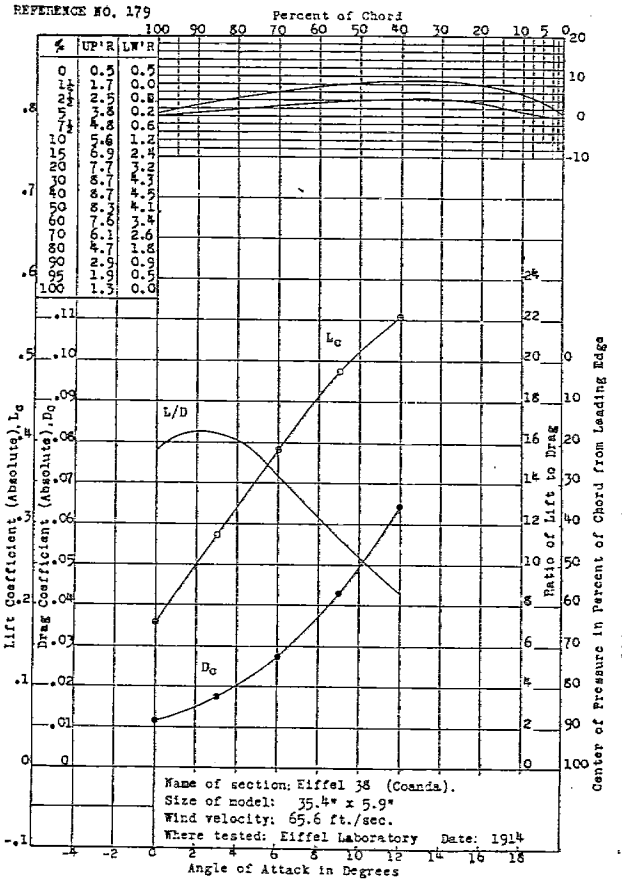
REFERENCE NO. 178

%	UP'R	LW'R
0	3.0	3.0
1¼	3.6	1.8
2½	4.1	1.0
5	4.9	0.2
7½	5.6	0.0
10	6.3	0.3
15	7.3	1.1
20	8.0	2.0
30	8.5	3.3
40	8.2	4.0
50	7.6	4.1
60	6.8	4.0
70	5.6	3.5
80	4.0	2.7
90	2.3	1.5
95	1.4	0.8
100	0.0	0.0



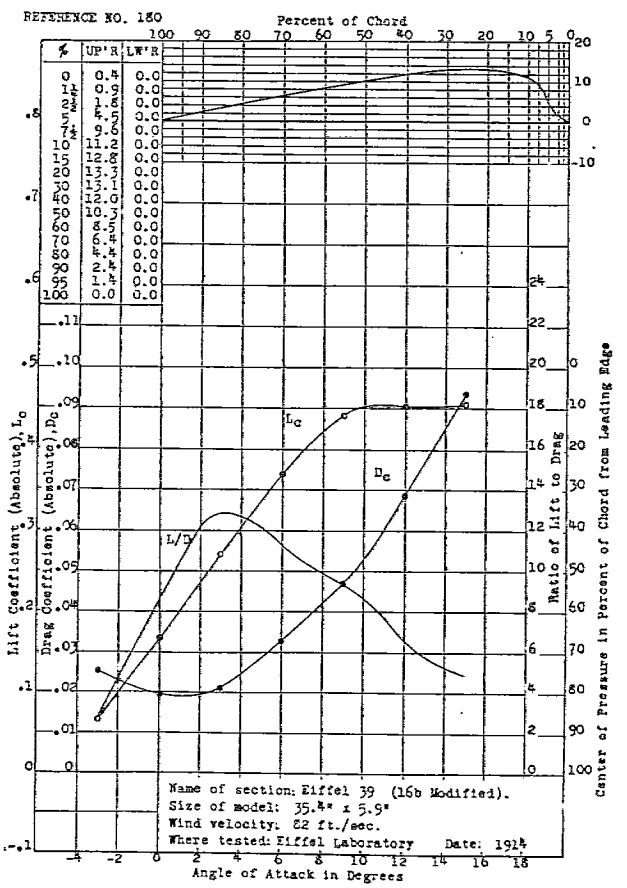
REFERENCE NO. 179

%	UP'R	LW'R
0	0.5	0.5
1¼	1.7	0.0
2½	2.5	0.8
5	3.8	0.2
7½	4.8	0.6
10	5.6	1.2
15	6.9	2.4
20	7.7	3.2
30	8.7	4.3
40	8.7	4.5
50	8.3	4.1
60	7.6	3.4
70	6.1	2.6
80	4.7	1.8
90	2.9	0.9
95	1.9	0.5
100	1.3	0.0



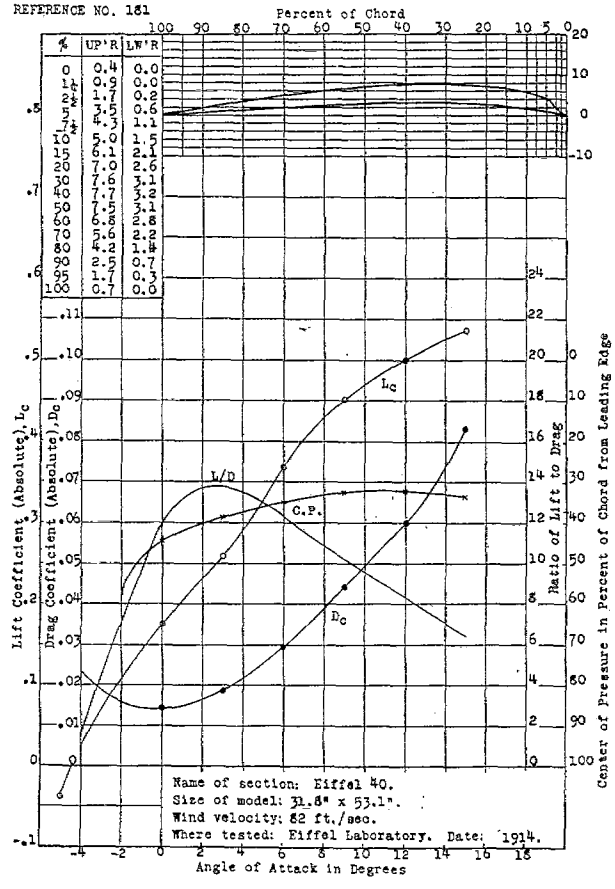
REFERENCE NO. 180

%	UP'R	LW'R
0	0.4	0.0
1¼	0.9	0.0
2½	1.8	0.0
5	4.5	0.0
7½	9.8	0.0
10	11.2	0.0
15	12.8	0.0
20	13.3	0.0
30	13.1	0.0
40	12.0	0.0
50	10.3	0.0
60	8.5	0.0
70	6.4	0.0
80	4.4	0.0
90	2.4	0.0
95	1.4	0.0
100	0.0	0.0



REFERENCE NO. 181

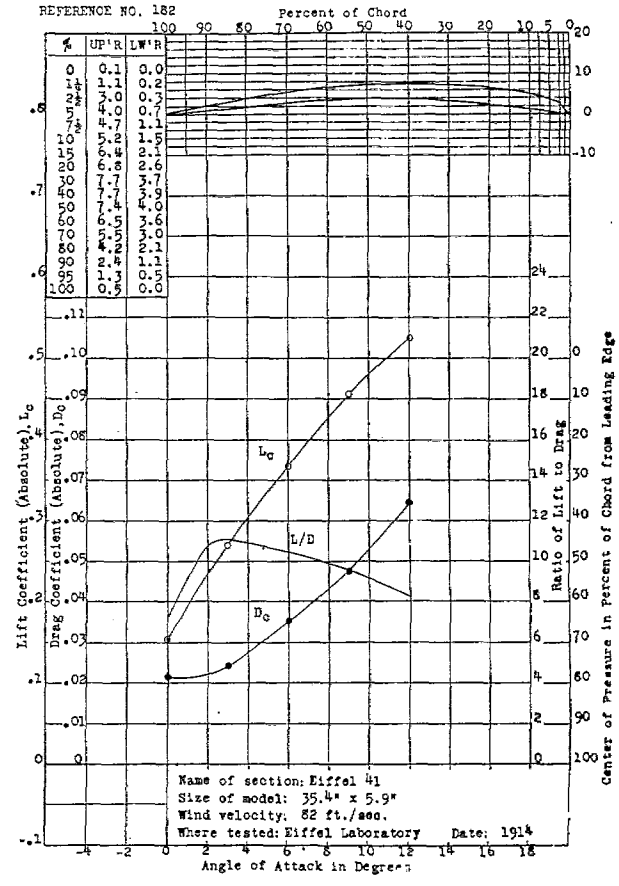
%	UP'R	LW'R
0	0.4	0.0
1¼	0.9	0.0
2½	1.7	0.2
5	3.5	0.6
7½	4.3	1.1
10	5.0	1.5
15	6.1	2.1
20	7.0	2.6
30	7.6	3.1
40	7.7	3.2
50	7.5	3.1
60	6.8	2.8
70	5.6	2.2
80	4.2	1.4
90	2.5	0.7
95	1.7	0.3
100	0.7	0.0



Name of section: Eiffel 40.
Size of model: 31.8" x 53.1".
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 182

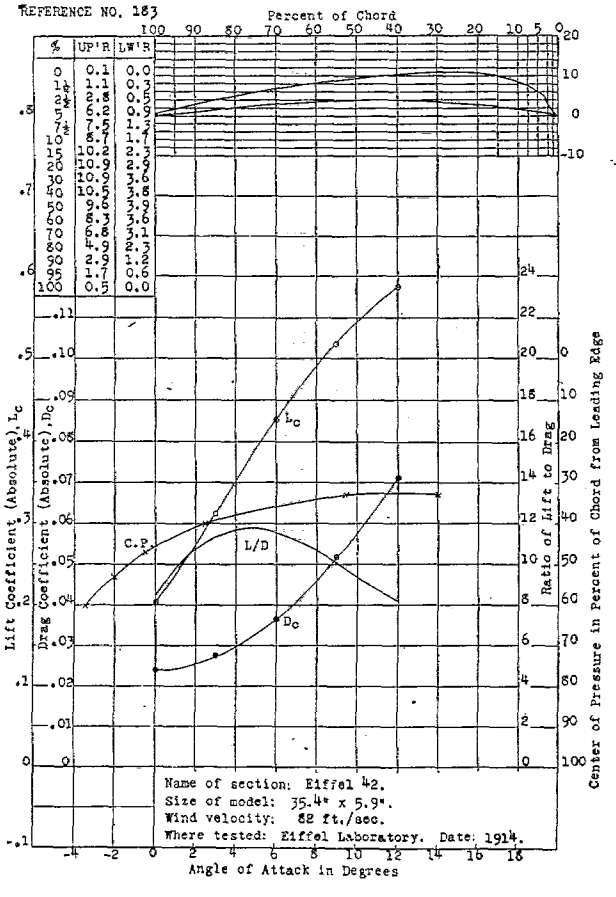
%	UP'R	LW'R
0	0.1	0.0
1¼	1.1	0.2
2½	3.0	0.3
5	4.0	0.7
7½	4.7	1.1
10	5.2	1.5
15	6.4	2.1
20	6.8	2.6
30	7.7	3.7
40	7.7	3.9
50	7.4	4.0
60	6.5	3.6
70	5.5	3.0
80	4.2	2.1
90	2.4	1.1
95	1.3	0.5
100	0.5	0.0



Name of section: Eiffel 41
Size of model: 35.4" x 5.9"
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory Date: 1914

REFERENCE NO. 183

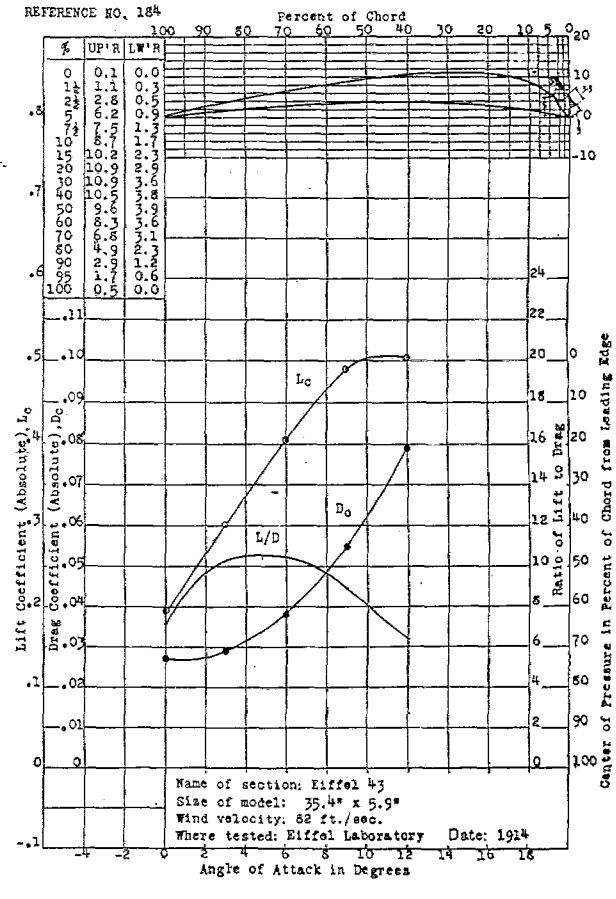
%	UP'R	LW'R
0	0.1	0.0
1¼	1.1	0.3
2½	2.8	0.5
5	6.2	0.9
7½	7.5	1.3
10	8.7	1.7
15	10.2	2.3
20	10.9	2.9
30	10.9	3.6
40	10.5	3.8
50	9.6	3.9
60	8.3	3.6
70	6.8	3.1
80	4.9	2.3
90	2.9	1.2
95	1.7	0.6
100	0.5	0.0



Name of section: Eiffel 42.
Size of model: 35.4" x 5.9".
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

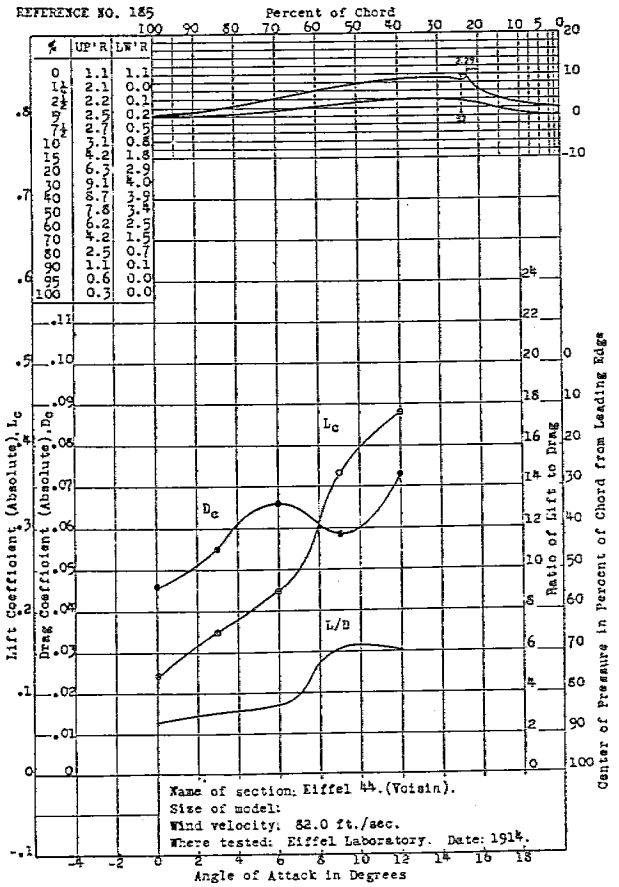
REFERENCE NO. 184

%	UP'R	LW'R
0	0.1	0.0
1¼	1.1	0.3
2½	2.8	0.5
5	6.2	0.9
7½	7.5	1.3
10	8.7	1.7
15	10.2	2.3
20	10.9	2.9
30	10.9	3.6
40	10.5	3.8
50	9.6	3.9
60	8.3	3.6
70	6.8	3.1
80	4.9	2.3
90	2.9	1.2
95	1.7	0.6
100	0.5	0.0



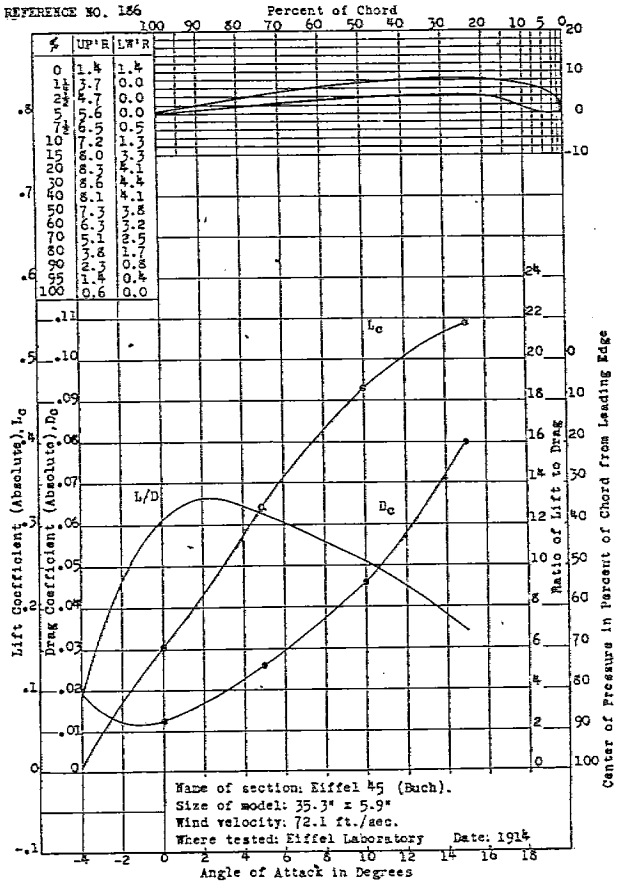
Name of section: Eiffel 43
Size of model: 35.4" x 5.9"
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory Date: 1914

REFERENCE NO. 185



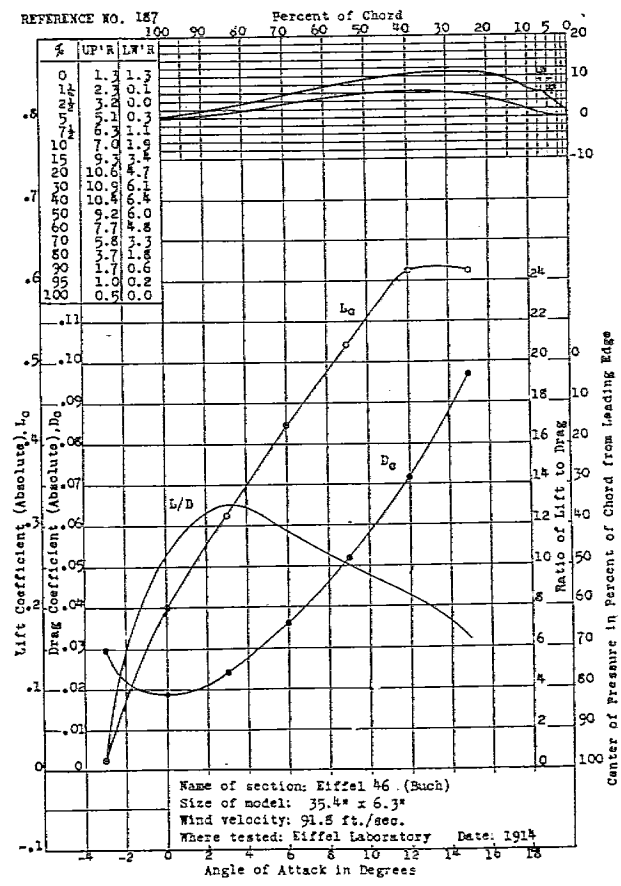
α	UP'R	LW'R
0	1.1	1.1
1½	2.1	0.0
2½	2.2	0.1
5	2.5	0.2
7½	2.7	0.5
10	3.1	0.8
15	4.2	1.8
20	6.5	2.9
30	9.1	4.0
40	8.7	3.9
50	7.6	3.4
60	6.2	2.5
70	4.2	1.5
80	2.5	0.7
90	1.1	0.1
95	0.6	0.0
100	0.3	0.0

REFERENCE NO. 186



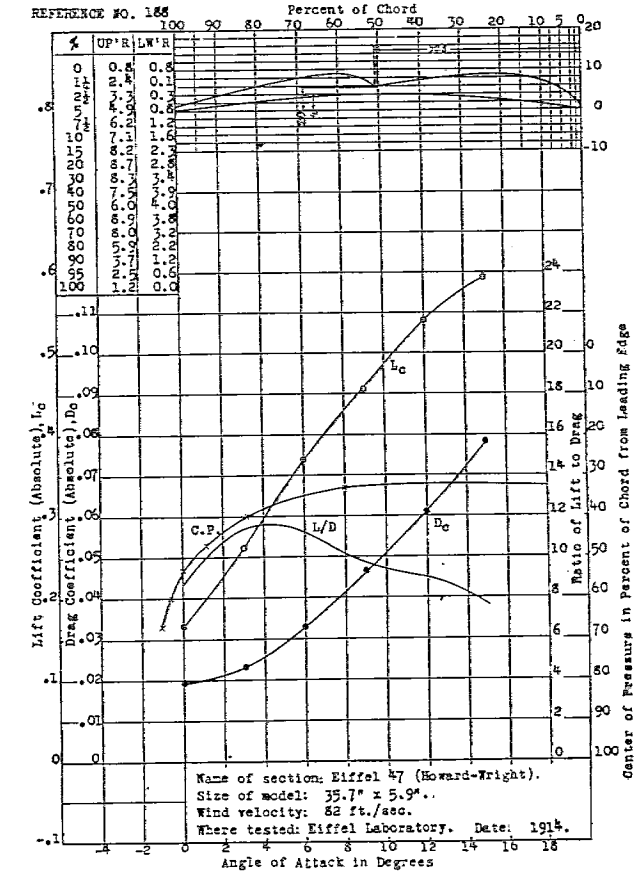
α	UP'R	LW'R
0	1.4	1.4
1½	3.7	0.0
2½	4.7	0.0
5	5.6	0.0
7½	6.5	0.5
10	7.2	1.3
15	8.0	3.3
20	8.5	4.1
30	8.6	4.4
40	8.1	4.1
50	7.3	3.8
60	6.3	3.2
70	5.1	2.5
80	3.8	1.7
90	2.3	0.8
95	1.4	0.4
100	0.6	0.0

REFERENCE NO. 187



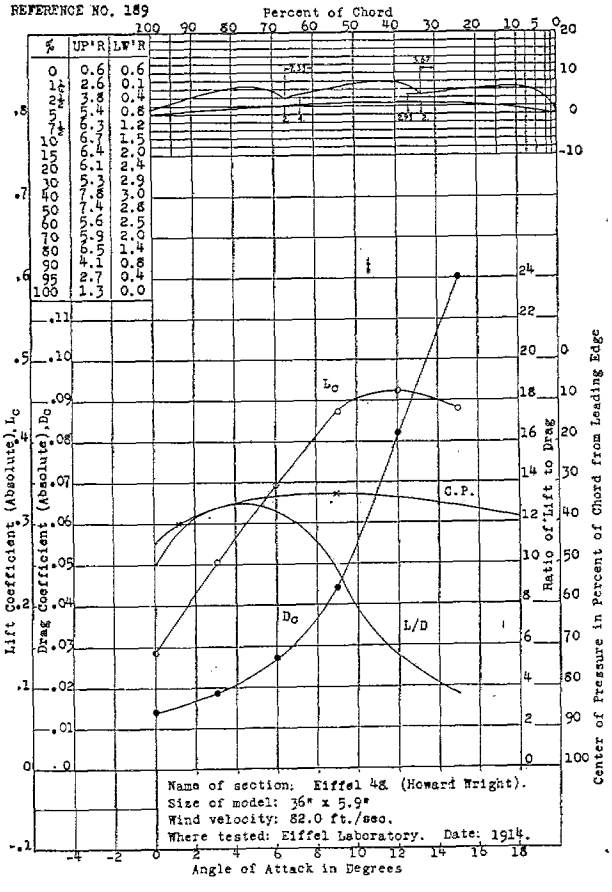
α	UP'R	LW'R
0	1.3	1.3
1½	2.3	0.1
2½	3.2	0.0
5	4.1	0.3
7½	5.3	1.2
10	7.0	2.6
15	9.5	4.4
20	10.6	4.7
30	10.9	6.1
40	10.4	6.4
50	9.2	6.0
60	7.7	4.8
70	5.8	3.3
80	3.7	1.8
90	1.7	0.6
95	1.0	0.2
100	0.5	0.0

REFERENCE NO. 188



α	UP'R	LW'R
0	0.8	0.8
1½	2.4	0.1
2½	3.3	0.3
5	4.9	0.8
7½	6.2	1.6
10	7.1	1.6
15	8.2	2.3
20	8.7	2.8
30	8.5	3.4
40	7.5	3.9
50	6.0	4.0
60	6.9	3.8
70	8.0	3.2
80	9.9	2.2
90	5.7	1.2
95	2.7	0.6
100	1.2	0.0

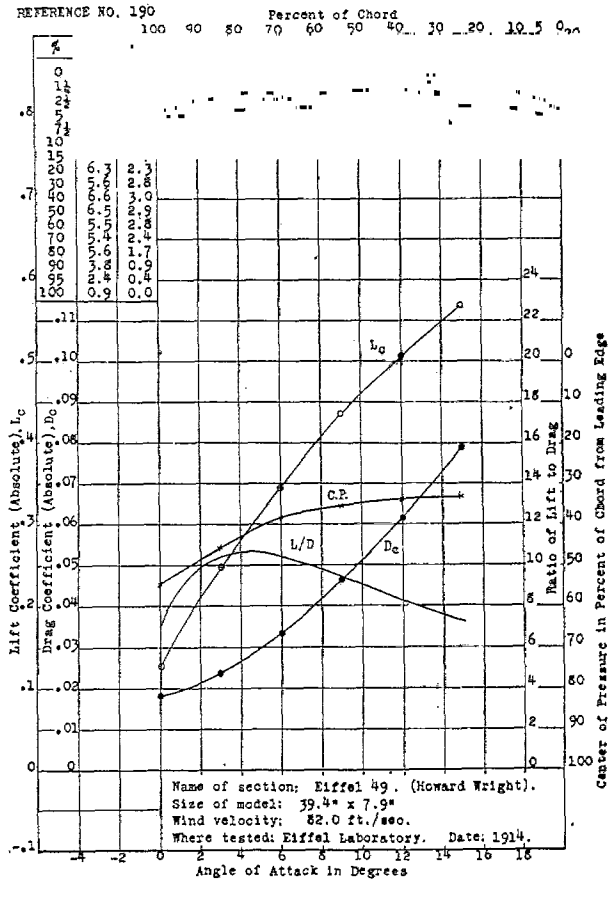
REFERENCE NO. 189



%	UP'R	LW'R
0	0.6	0.6
1¼	2.6	0.1
2½	3.8	0.4
5	5.4	0.8
7½	6.3	1.2
10	6.7	1.5
15	6.4	2.0
20	6.1	2.4
30	5.3	2.9
40	7.8	3.0
50	7.4	2.6
60	5.6	2.5
70	5.9	2.0
80	6.5	1.4
90	4.1	0.8
95	2.7	0.4
100	1.3	0.0

Name of section: Eiffel 48. (Howard Wright).
Size of model: 36" x 5.9"
Wind velocity: 82.0 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

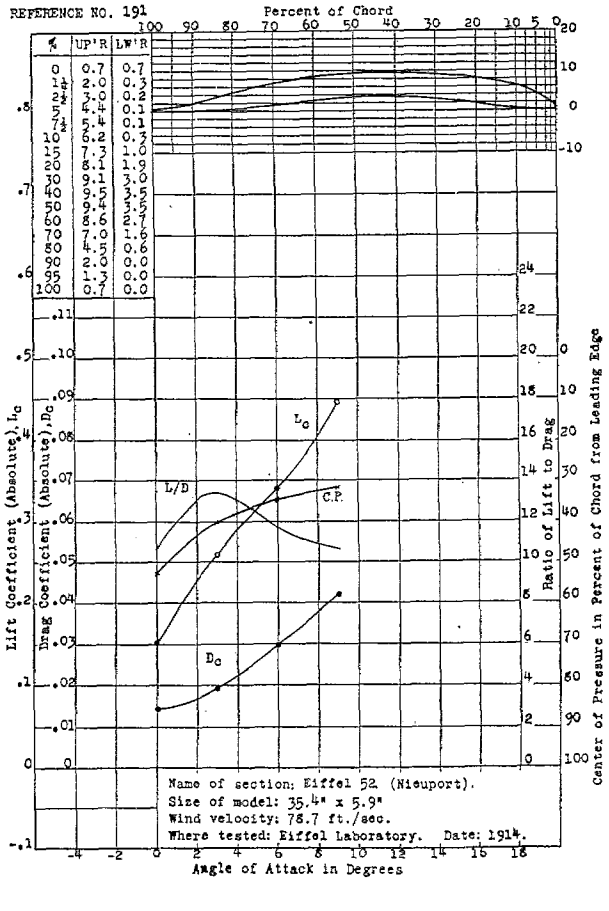
REFERENCE NO. 190



%	UP'R	LW'R
0		
1¼		
2½		
5		
7½		
10		
15	6.3	2.3
20	7.2	2.8
30	6.6	3.0
40	6.5	2.8
50	5.5	2.8
60	5.4	2.4
70	5.6	1.7
80	5.8	0.9
90	3.4	0.4
95	2.1	0.2
100	0.9	0.0

Name of section: Eiffel 49. (Howard Wright).
Size of model: 39.4" x 7.9"
Wind velocity: 82.0 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

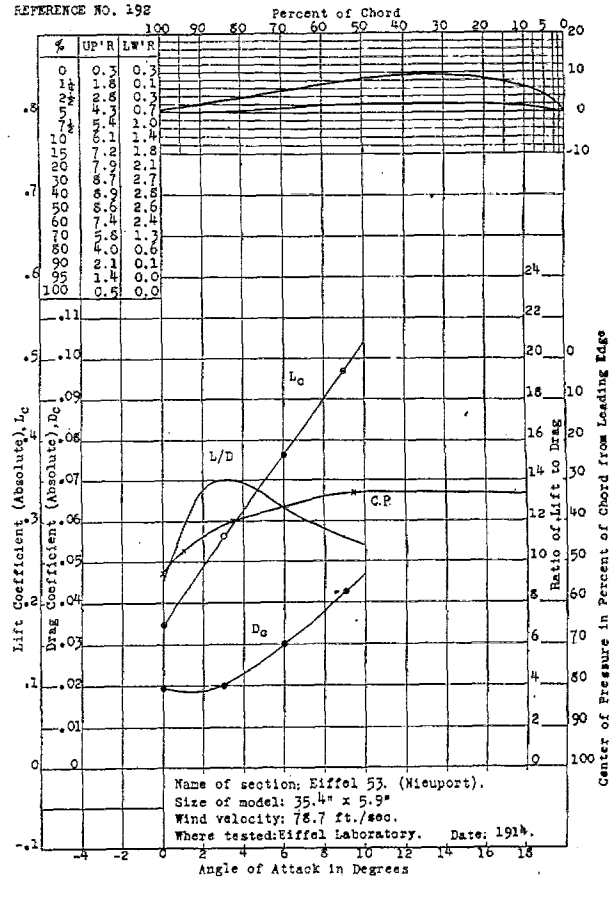
REFERENCE NO. 191



%	UP'R	LW'R
0	0.7	0.7
1¼	2.0	0.3
2½	3.0	0.2
5	4.4	0.1
7½	5.4	0.1
10	6.2	0.3
15	7.3	1.0
20	8.1	1.9
30	9.1	3.0
40	9.5	3.5
50	9.4	3.5
60	8.6	2.7
70	7.0	1.6
80	4.5	0.6
90	2.0	0.0
95	1.3	0.0
100	0.7	0.0

Name of section: Eiffel 52. (Nieuport).
Size of model: 35.4" x 5.9"
Wind velocity: 78.7 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 192

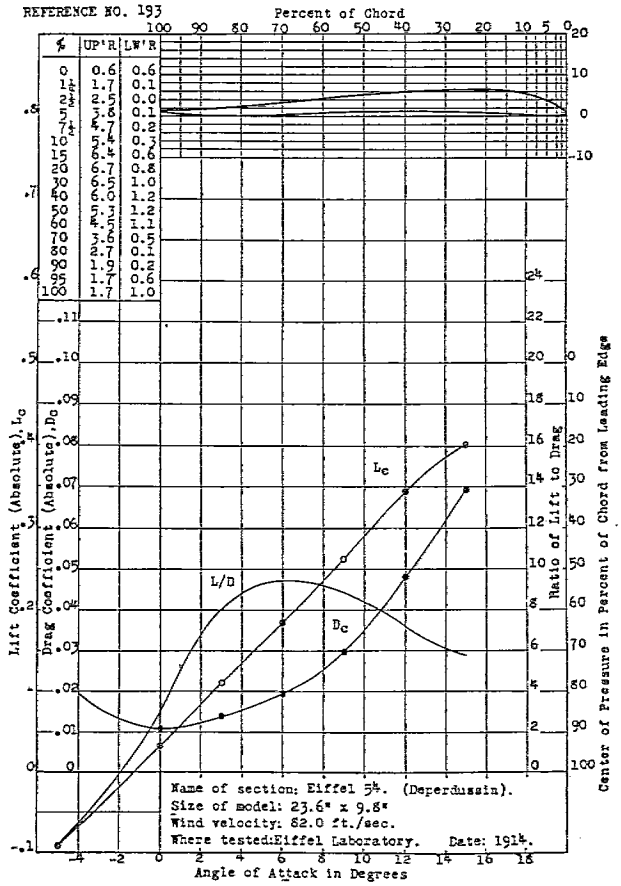


%	UP'R	LW'R
0	0.3	0.3
1¼	1.8	0.1
2½	2.8	0.3
5	4.3	0.7
7½	5.4	1.0
10	6.1	1.4
15	7.2	1.8
20	7.9	2.1
30	8.7	2.7
40	8.9	2.8
50	8.6	2.6
60	7.7	2.4
70	5.8	1.7
80	4.0	0.9
90	2.1	0.1
95	1.4	0.0
100	0.5	0.0

Name of section: Eiffel 53. (Nieuport).
Size of model: 35.4" x 5.9"
Wind velocity: 78.7 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 193

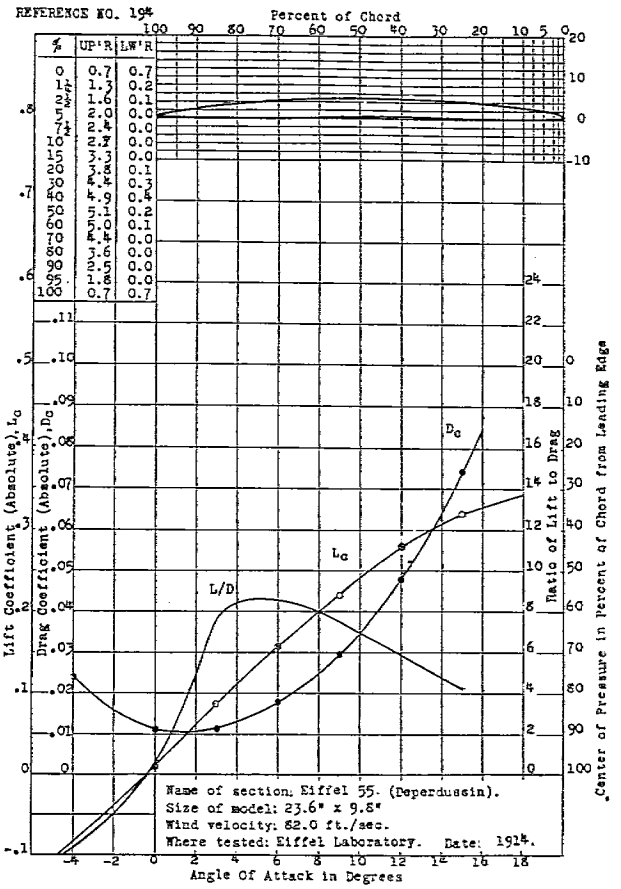
%	UP'R	LW'R
0	0.6	0.6
1¼	1.7	0.1
2½	2.5	0.0
5	3.8	0.1
7½	4.7	0.2
10	5.4	0.3
15	6.4	0.6
20	6.7	0.8
30	6.5	1.0
40	6.0	1.2
50	5.3	1.2
60	4.5	1.1
70	3.6	0.5
80	2.7	0.1
90	1.9	0.2
95	1.7	0.6
100	1.7	1.0



Name of section: Eiffel 54. (Deperdussin).
Size of model: 23.6" x 9.8"
Wind velocity: 82.0 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 194

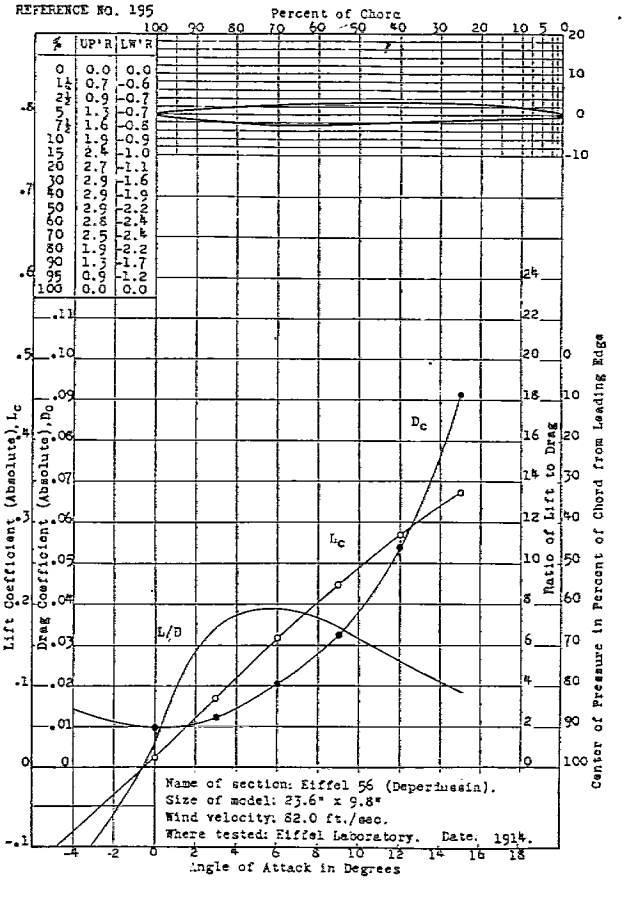
%	UP'R	LW'R
0	0.7	0.7
1¼	1.3	0.2
2½	1.6	0.1
5	2.0	0.0
7½	2.4	0.0
10	2.7	0.0
15	3.3	0.0
20	3.8	0.1
30	4.4	0.3
40	4.9	0.4
50	5.1	0.2
60	5.0	0.1
70	4.4	0.0
80	3.6	0.0
90	2.5	0.0
95	1.8	0.0
100	0.7	0.7



Name of section: Eiffel 55. (Deperdussin).
Size of model: 23.6" x 9.8"
Wind velocity: 82.0 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 195

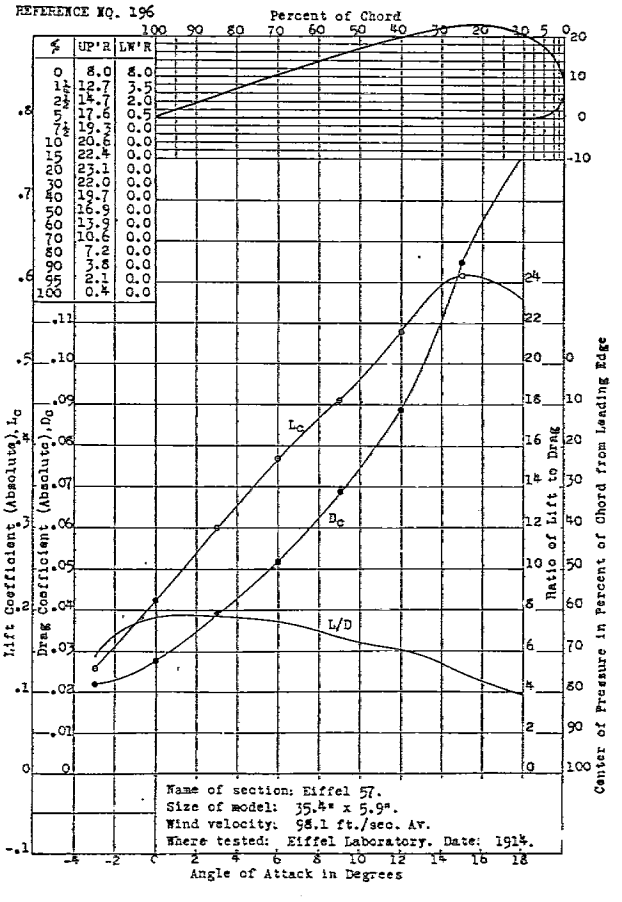
%	UP'R	LW'R
0	0.0	0.0
1¼	0.7	-0.6
2½	0.9	-0.7
5	1.3	-0.7
7½	1.6	-0.8
10	1.9	-0.9
15	2.4	-1.0
20	2.7	-1.1
30	2.9	-1.6
40	2.9	-1.9
50	2.9	-2.2
60	2.8	-2.4
70	2.5	-2.4
80	1.9	-2.2
90	1.3	-1.7
95	0.9	-1.2
100	0.0	0.0



Name of section: Eiffel 56 (Deperdussin).
Size of model: 23.6" x 9.8"
Wind velocity: 82.0 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

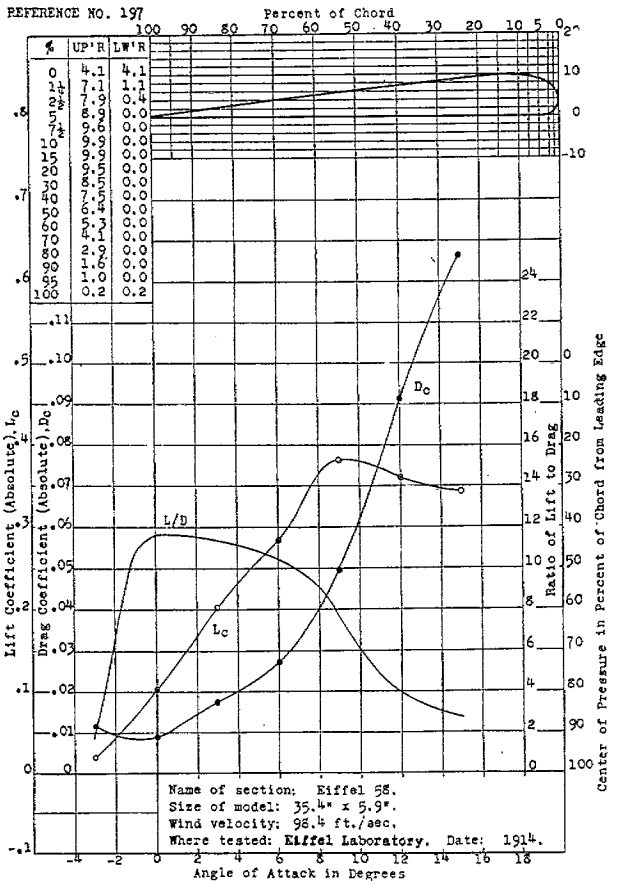
REFERENCE NO. 196

%	UP'R	LW'R
0	8.0	8.0
1¼	12.7	3.5
2½	14.7	2.0
5	17.6	0.5
7½	19.2	0.0
10	20.6	0.0
15	22.4	0.0
20	23.1	0.0
30	22.0	0.0
40	19.7	0.0
50	16.9	0.0
60	13.9	0.0
70	10.6	0.0
80	7.2	0.0
90	3.8	0.0
95	2.1	0.0
100	0.4	0.0



Name of section: Eiffel 57.
Size of model: 35.4" x 5.9".
Wind velocity: 98.1 ft./sec. Av.
Where tested: Eiffel Laboratory. Date: 1914.

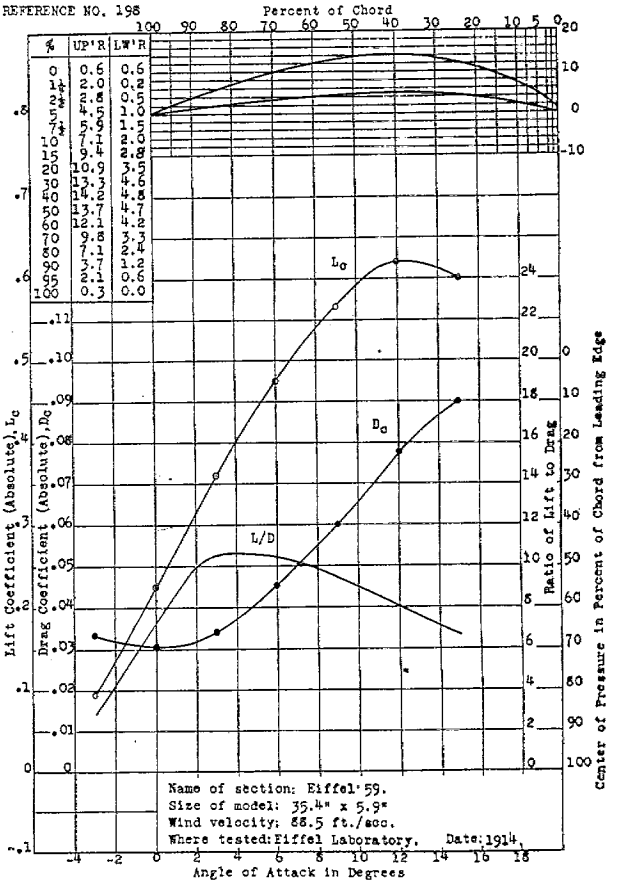
REFERENCE NO. 197



%	UP'R	LW'R
0	4.1	4.1
1¼	7.1	1.1
2½	7.9	0.4
5	8.9	0.0
7½	9.6	0.0
10	9.9	0.0
15	9.9	0.0
20	9.5	0.0
30	8.5	0.0
40	7.4	0.0
50	6.4	0.0
60	5.3	0.0
70	4.1	0.0
80	2.9	0.0
90	1.6	0.0
95	1.0	0.0
100	0.2	0.2

Name of section: Eiffel 58.
Size of model: 35.4" x 5.9".
Wind velocity: 98.4 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

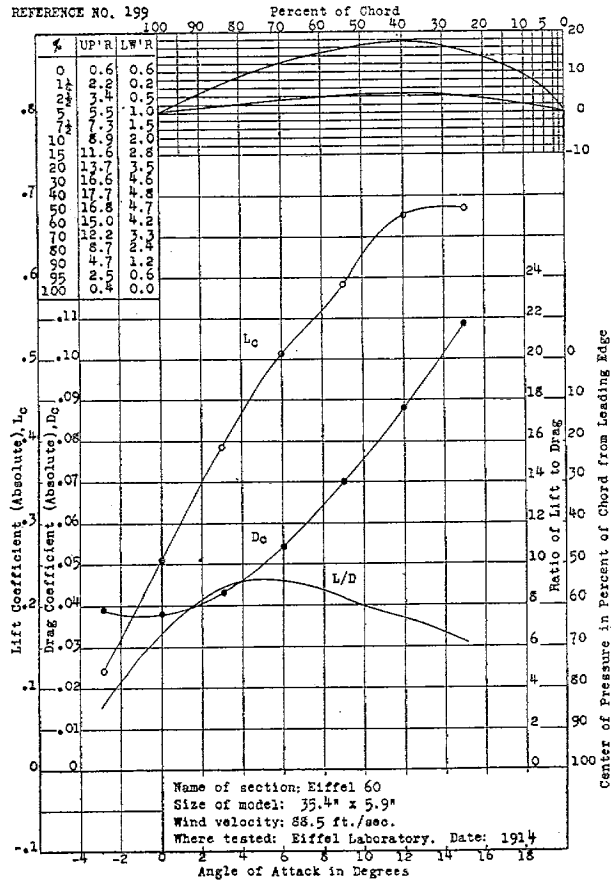
REFERENCE NO. 198



%	UP'R	LW'R
0	0.6	0.6
1¼	2.0	0.2
2½	2.8	0.5
5	4.5	1.0
7½	5.9	1.5
10	7.1	2.0
15	9.4	2.8
20	10.9	3.5
30	13.3	4.6
40	14.2	4.8
50	13.7	4.7
60	12.1	4.2
70	9.8	3.3
80	7.1	2.4
90	3.7	1.2
95	2.1	0.6
100	0.3	0.0

Name of section: Eiffel 59.
Size of model: 35.4" x 5.9"
Wind velocity: 88.5 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

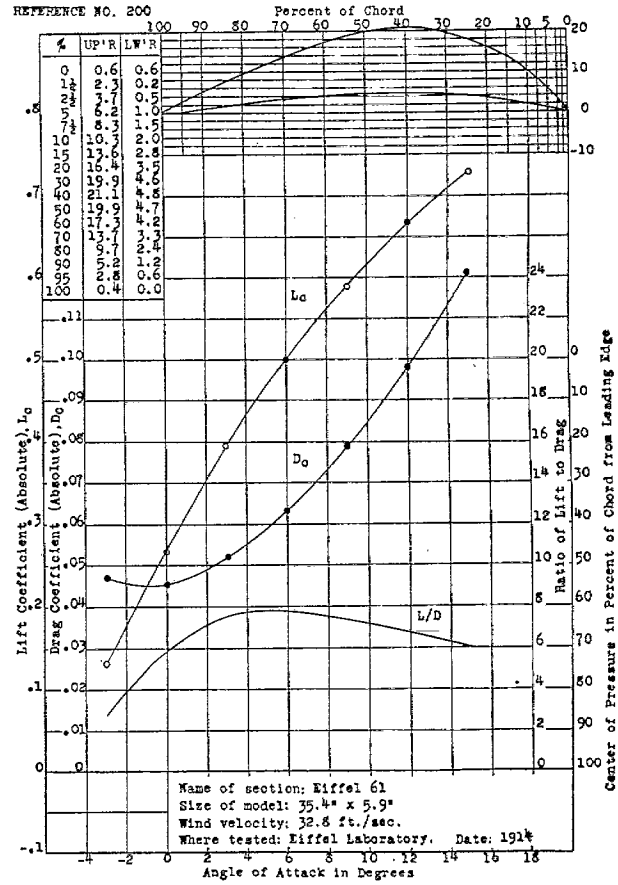
REFERENCE NO. 199



%	UP'R	LW'R
0	0.6	0.6
1¼	2.2	0.2
2½	3.4	0.5
5	5.5	1.0
7½	7.3	1.5
10	8.9	2.0
15	11.6	2.8
20	13.7	3.5
30	16.6	4.6
40	17.7	4.8
50	16.8	4.7
60	15.0	4.2
70	12.2	3.3
80	8.7	2.4
90	4.7	1.2
95	2.5	0.6
100	0.4	0.0

Name of section: Eiffel 60
Size of model: 35.4" x 5.9"
Wind velocity: 88.5 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914

REFERENCE NO. 200

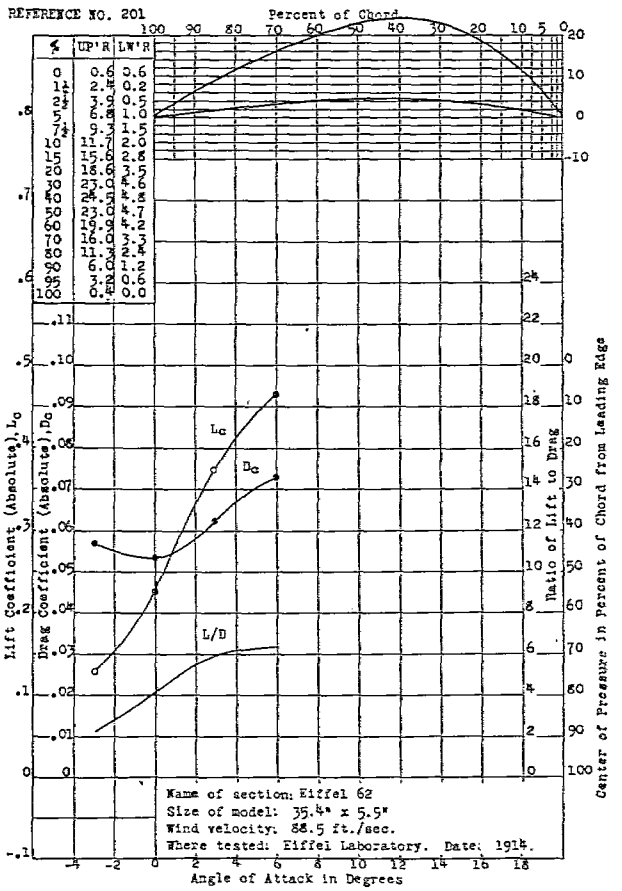


%	UP'R	LW'R
0	0.6	0.6
1¼	2.3	0.2
2½	3.7	0.5
5	6.2	1.0
7½	8.3	1.5
10	10.3	2.0
15	13.6	2.8
20	16.4	3.5
30	19.9	4.6
40	21.1	4.8
50	19.9	4.7
60	17.3	4.2
70	13.7	3.3
80	9.7	2.4
90	5.2	1.2
95	2.8	0.6
100	0.4	0.0

Name of section: Eiffel 61
Size of model: 35.4" x 5.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914

REFERENCE NO. 201

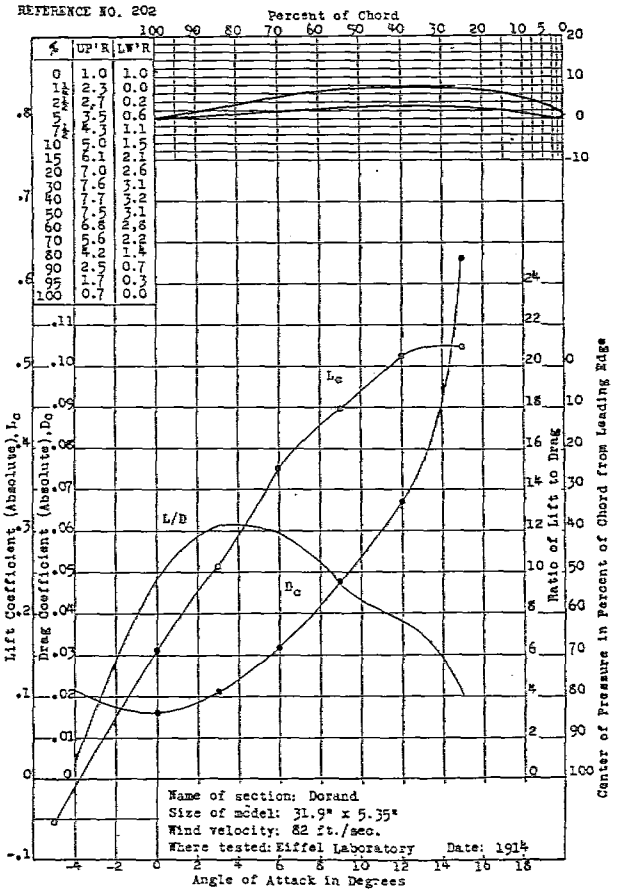
%	UP'R	LW'R
0	0.6	0.6
1¼	2.4	0.2
2½	3.9	0.5
5	6.8	1.0
7½	9.3	1.5
10	11.7	2.0
15	15.6	2.8
20	18.6	3.5
30	23.0	4.6
40	24.5	4.8
50	23.0	4.7
60	19.9	4.2
70	16.0	3.3
80	11.3	2.4
90	6.0	1.2
95	3.2	0.6
100	0.4	0.0



Name of section: Eiffel 62
Size of model: 35.4" x 5.9"
Wind velocity: 88.5 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 202

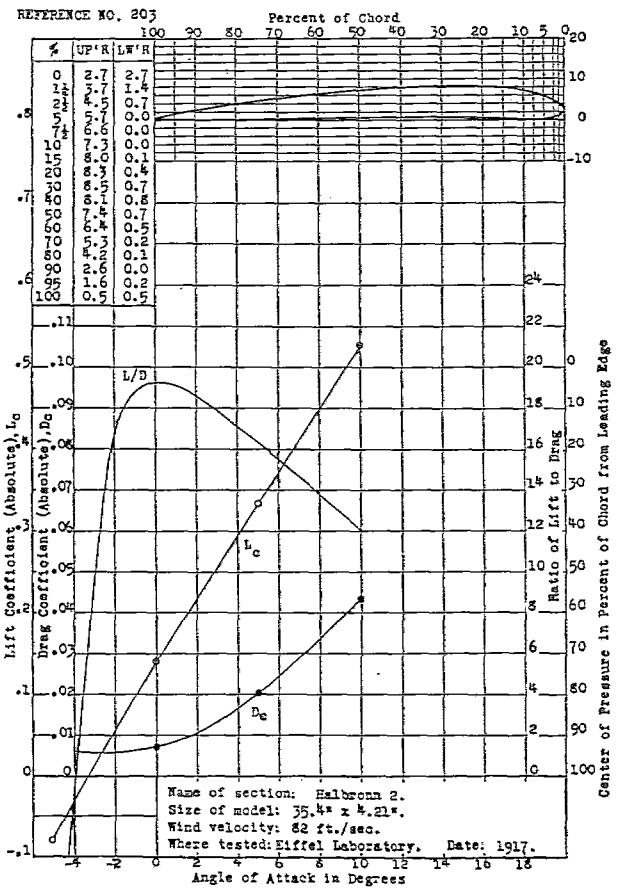
%	UP'R	LW'R
0	1.0	1.0
1¼	2.3	0.0
2½	2.7	0.2
5	3.5	0.6
7½	4.3	1.1
10	5.0	1.5
15	6.1	2.1
20	7.0	2.6
30	7.6	3.1
40	7.7	3.2
50	7.5	3.1
60	6.8	2.6
70	5.6	2.2
80	4.2	1.4
90	2.5	0.7
95	1.7	0.3
100	0.7	0.0



Name of section: Dorand
Size of model: 31.9" x 5.35"
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory Date: 1914

REFERENCE NO. 203

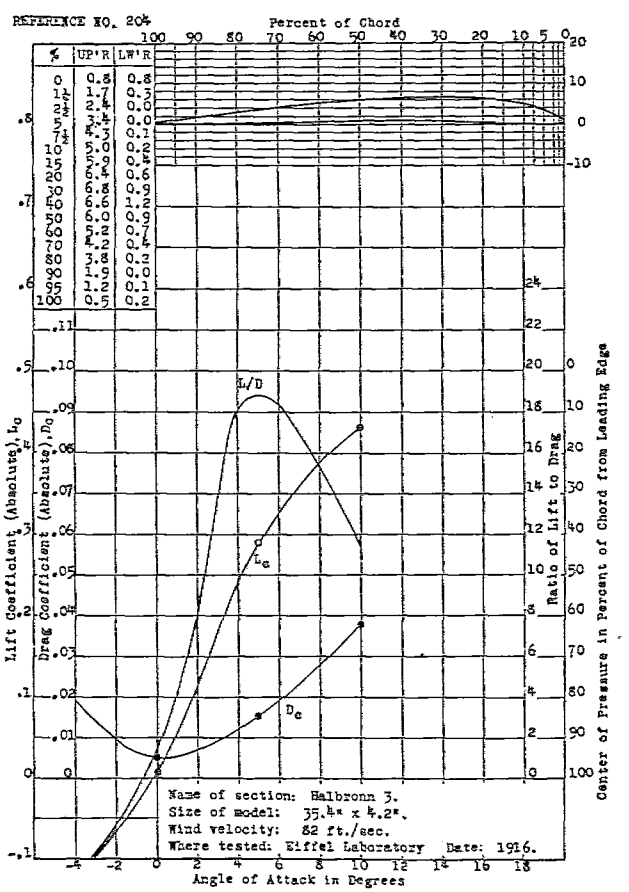
%	UP'R	LW'R
0	2.7	2.7
1¼	3.7	1.4
2½	4.5	0.7
5	5.7	0.0
7½	6.6	0.0
10	7.3	0.0
15	8.0	0.1
20	8.3	0.4
30	8.5	0.7
40	8.1	0.8
50	7.4	0.7
60	6.4	0.5
70	5.3	0.2
80	4.2	0.1
90	2.6	0.0
95	1.6	0.2
100	0.5	0.5



Name of section: Halbronn 2.
Size of model: 35.4" x 4.21".
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory. Date: 1917.

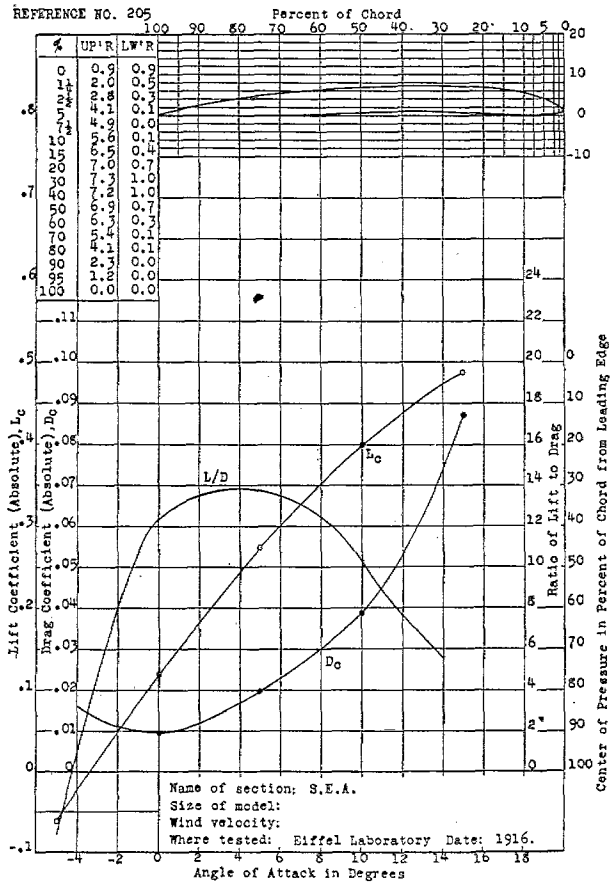
REFERENCE NO. 204

%	UP'R	LW'R
0	0.8	0.8
1¼	1.7	0.3
2½	2.4	0.0
5	3.4	0.0
7½	4.3	0.1
10	5.0	0.2
15	5.9	0.4
20	6.4	0.6
30	6.8	0.9
40	6.6	1.2
50	6.0	0.9
60	5.2	0.7
70	4.2	0.4
80	3.8	0.2
90	1.9	0.0
95	1.2	0.1
100	0.5	0.2



Name of section: Halbronn 3.
Size of model: 35.4" x 4.2".
Wind velocity: 82 ft./sec.
Where tested: Eiffel Laboratory Date: 1916.

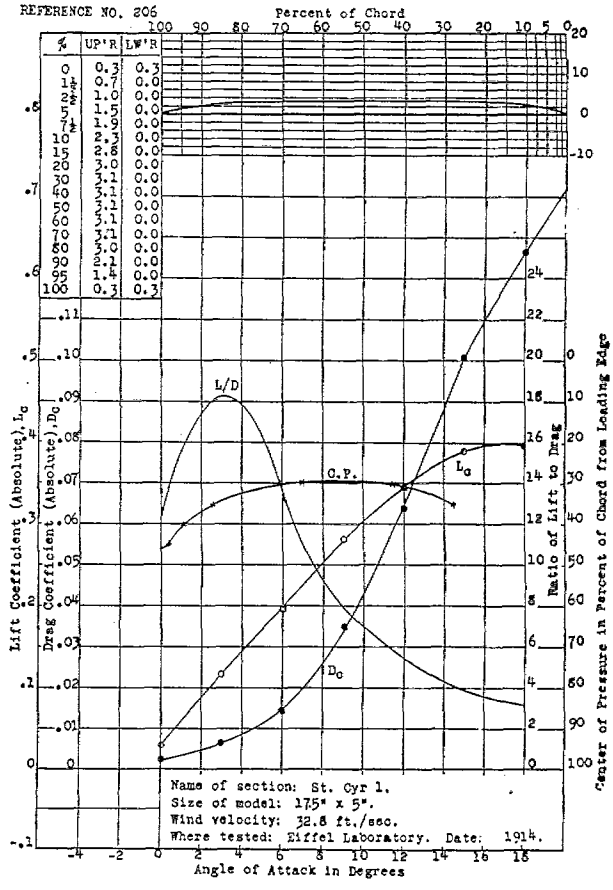
REFERENCE NO. 205



%	UP'R	LW'R
0	0.9	0.9
1¼	2.0	0.5
2½	2.8	0.3
5	4.1	0.1
7½	4.9	0.0
10	5.6	0.1
15	6.5	0.4
20	7.0	0.7
30	7.3	1.0
40	7.2	1.0
50	6.9	0.7
60	6.3	0.3
70	5.4	0.1
80	4.1	0.1
90	2.3	0.0
95	1.2	0.0
100	0.0	0.0

Name of section: S.E.A.
Size of model:
Wind velocity:
Where tested: Eiffel Laboratory Date: 1916.

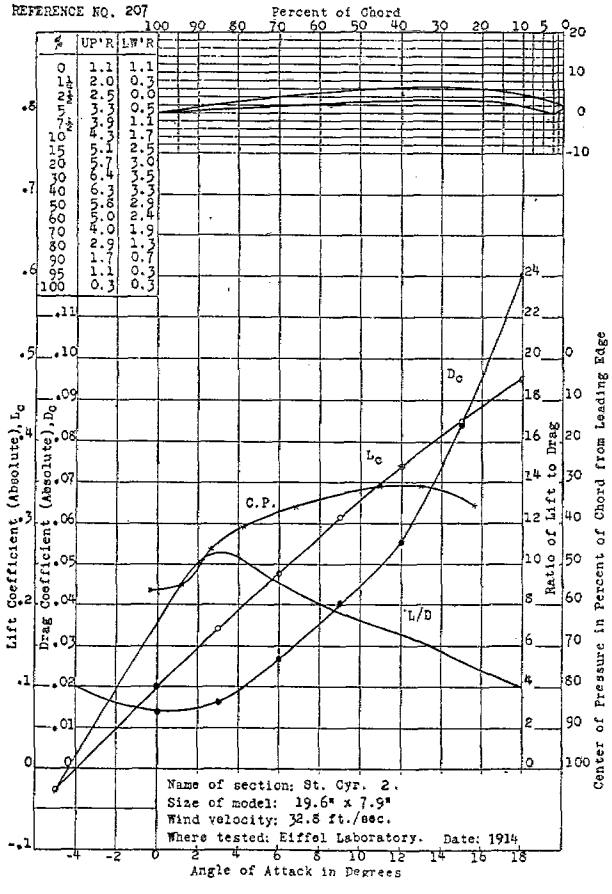
REFERENCE NO. 206



%	UP'R	LW'R
0	0.3	0.3
1¼	0.7	0.0
2½	1.0	0.0
5	1.5	0.0
7½	1.9	0.0
10	2.4	0.0
15	2.8	0.0
20	3.0	0.0
30	3.1	0.0
40	3.1	0.0
50	3.1	0.0
60	3.1	0.0
70	3.1	0.0
80	3.0	0.0
90	2.1	0.0
95	1.4	0.0
100	0.3	0.3

Name of section: St. Cyr 1.
Size of model: 17.5" x 5".
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914.

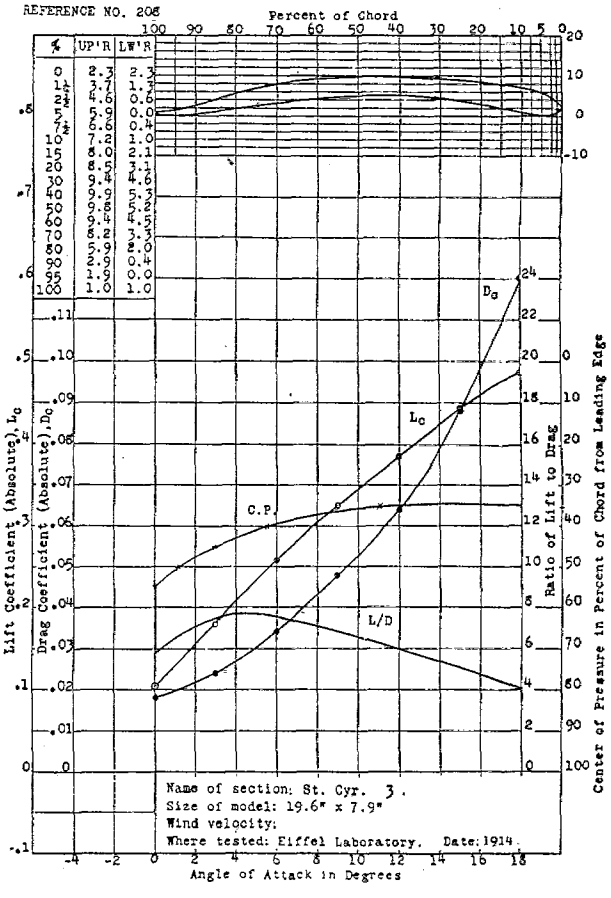
REFERENCE NO. 207



%	UP'R	LW'R
0	1.1	1.1
1¼	2.0	0.3
2½	2.5	0.0
5	3.3	0.5
7½	3.9	1.1
10	4.3	1.7
15	5.1	2.5
20	5.7	3.0
30	6.4	3.5
40	6.3	3.3
50	5.8	2.8
60	5.0	2.4
70	4.0	1.9
80	2.9	1.3
90	1.7	0.7
95	1.1	0.3
100	0.3	0.3

Name of section: St. Cyr. 2.
Size of model: 19.6" x 7.9"
Wind velocity: 32.8 ft./sec.
Where tested: Eiffel Laboratory. Date: 1914

REFERENCE NO. 208

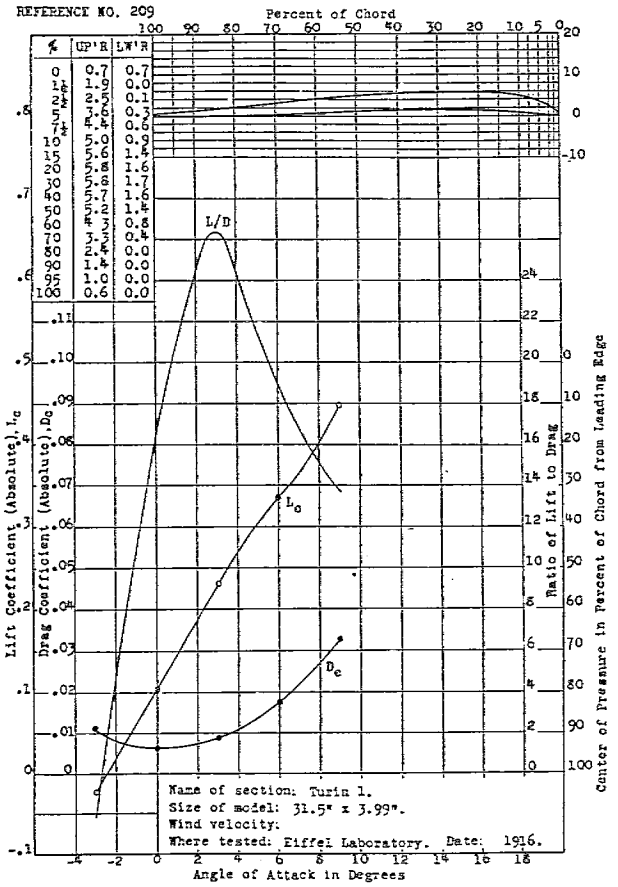


%	UP'R	LW'R
0	2.3	2.3
1¼	3.7	1.3
2½	4.6	0.6
5	5.9	0.0
7½	6.6	0.4
10	7.2	1.0
15	8.0	2.1
20	8.5	3.1
30	9.4	4.6
40	9.9	5.3
50	9.8	5.2
60	9.4	4.5
70	8.2	3.3
80	5.9	2.0
90	2.9	0.4
95	1.9	0.0
100	1.0	1.0

Name of section: St. Cyr. 3.
Size of model: 19.6" x 7.9"
Wind velocity:
Where tested: Eiffel Laboratory. Date: 1914.

REFERENCE NO. 209

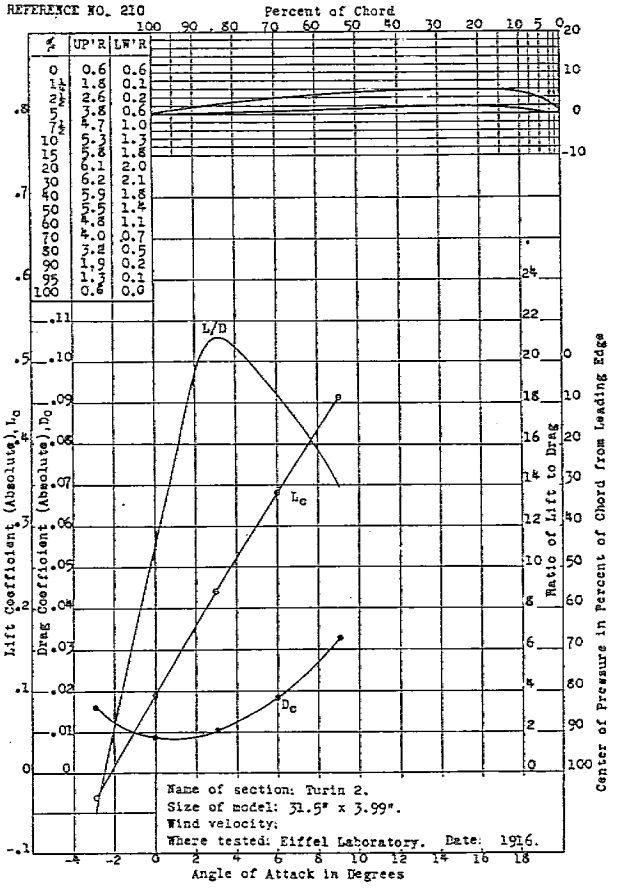
%	UP'R	LW'R
0	0.7	0.7
1¼	1.9	0.0
2½	2.5	0.1
5	3.6	0.3
7½	4.4	0.6
10	5.0	0.9
15	5.6	1.4
20	5.8	1.6
30	5.8	1.7
40	5.7	1.6
50	5.2	1.4
60	4.3	0.8
70	3.3	0.4
80	2.4	0.0
90	1.4	0.0
95	1.0	0.0
100	0.6	0.0



Name of section: Turin 1.
Size of model: 31.5" x 3.99".
Wind velocity:
Where tested: Eiffel Laboratory. Date: 1916.

REFERENCE NO. 210

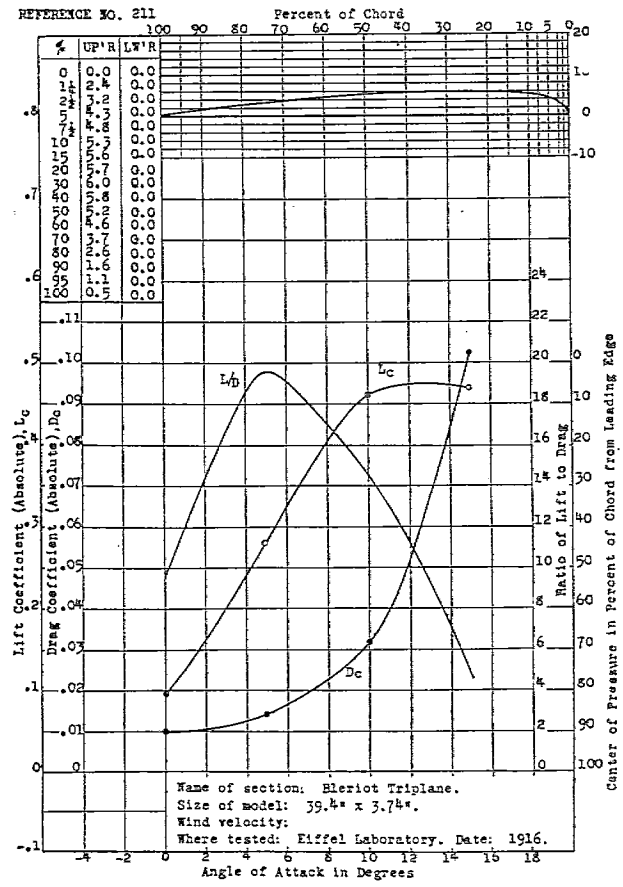
%	UP'R	LW'R
0	0.6	0.6
1¼	1.8	0.1
2½	2.6	0.2
5	3.8	0.6
7½	4.7	1.0
10	5.3	1.3
15	5.8	1.5
20	6.1	2.0
30	6.2	2.1
40	6.0	2.1
50	5.6	1.8
60	4.8	1.4
70	3.8	0.7
80	2.7	0.5
90	1.7	0.2
95	1.2	0.1
100	0.6	0.0



Name of section: Turin 2.
Size of model: 31.5" x 3.99".
Wind velocity:
Where tested: Eiffel Laboratory. Date: 1916.

REFERENCE NO. 211

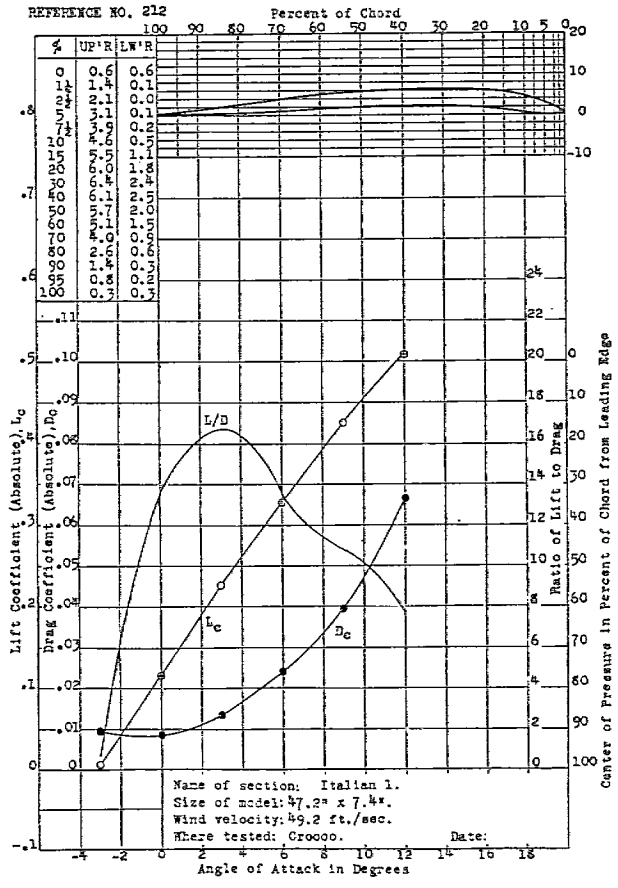
%	UP'R	LW'R
0	0.0	0.0
1¼	2.4	0.0
2½	3.2	0.0
5	4.3	0.0
7½	4.8	0.0
10	5.3	0.0
15	5.6	0.0
20	5.7	0.0
30	6.0	0.0
40	5.8	0.0
50	5.2	0.0
60	4.6	0.0
70	3.7	0.0
80	2.6	0.0
90	1.6	0.0
95	1.1	0.0
100	0.5	0.0



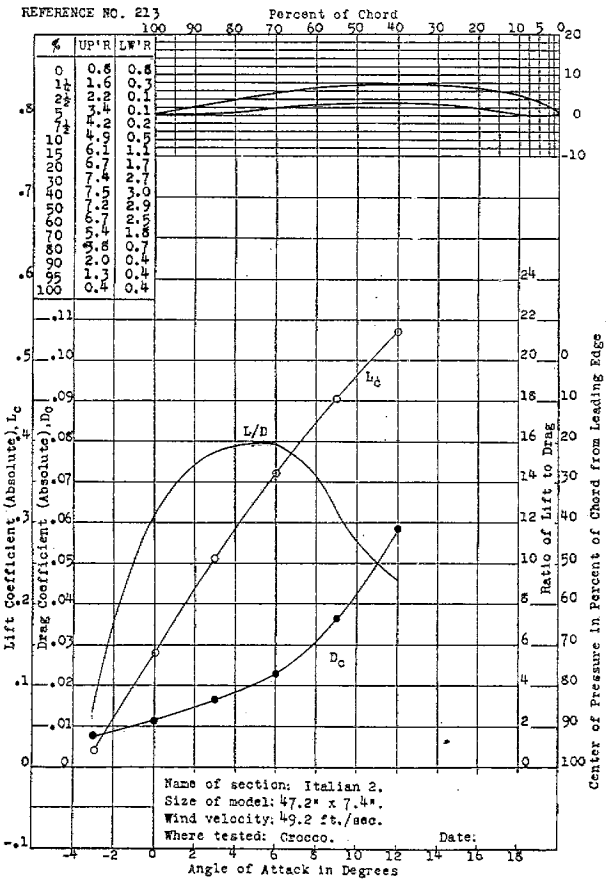
Name of section: Bleriot Triplane.
Size of model: 39.4" x 3.74".
Wind velocity:
Where tested: Eiffel Laboratory. Date: 1916.

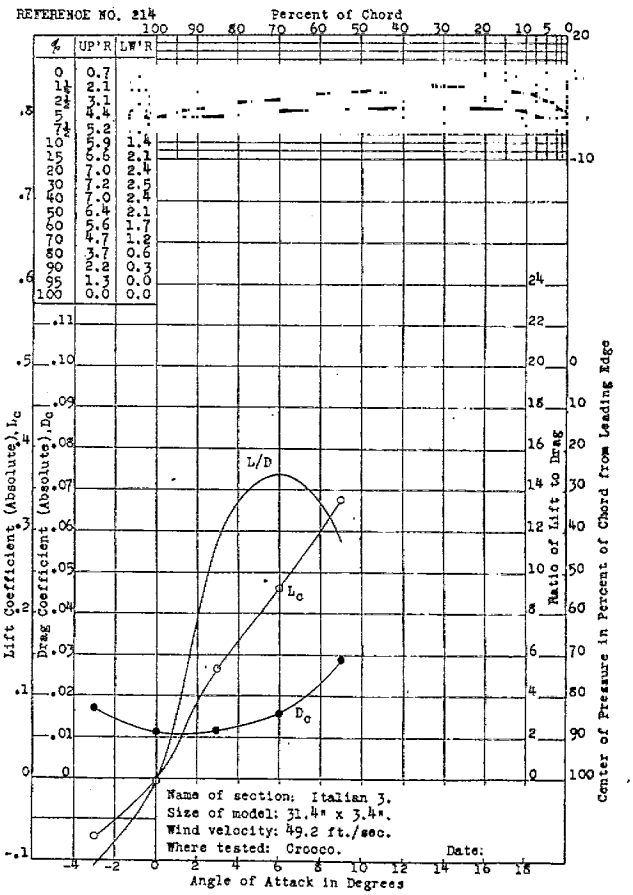
REFERENCE NO. 212

%	UP'R	LW'R
0	0.6	0.6
1¼	1.4	0.1
2½	2.1	0.0
5	3.1	0.1
7½	3.9	0.2
10	4.6	0.5
15	5.5	1.1
20	6.0	1.8
30	6.4	2.4
40	6.1	2.5
50	5.7	2.0
60	5.1	1.5
70	4.0	0.9
80	2.6	0.6
90	1.4	0.3
95	0.8	0.2
100	0.3	0.3



Name of section: Italian 1.
Size of model: 47.2" x 7.4".
Wind velocity: 49.2 ft./sec.
Where tested: Croooo. Date:





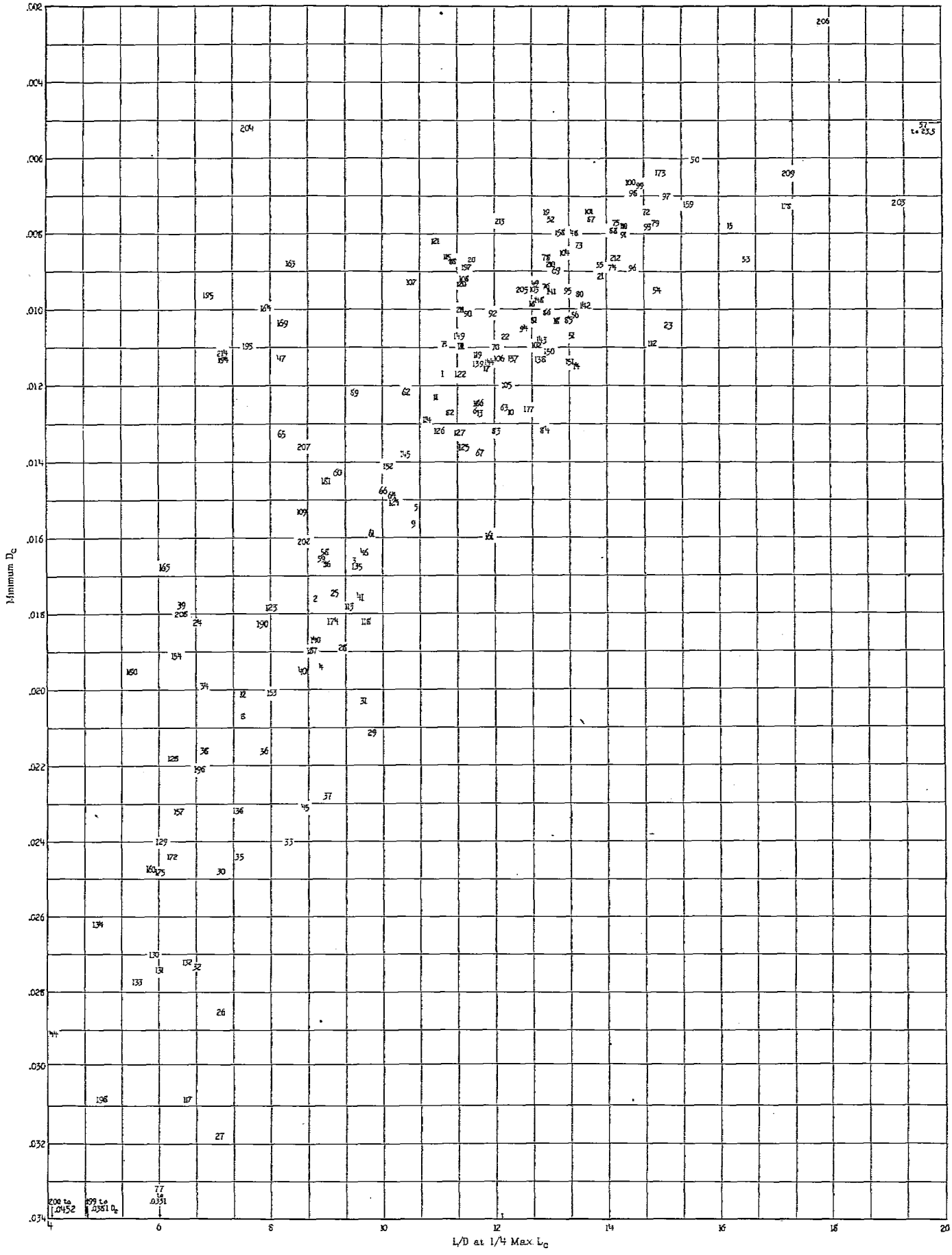


Chart No. 1

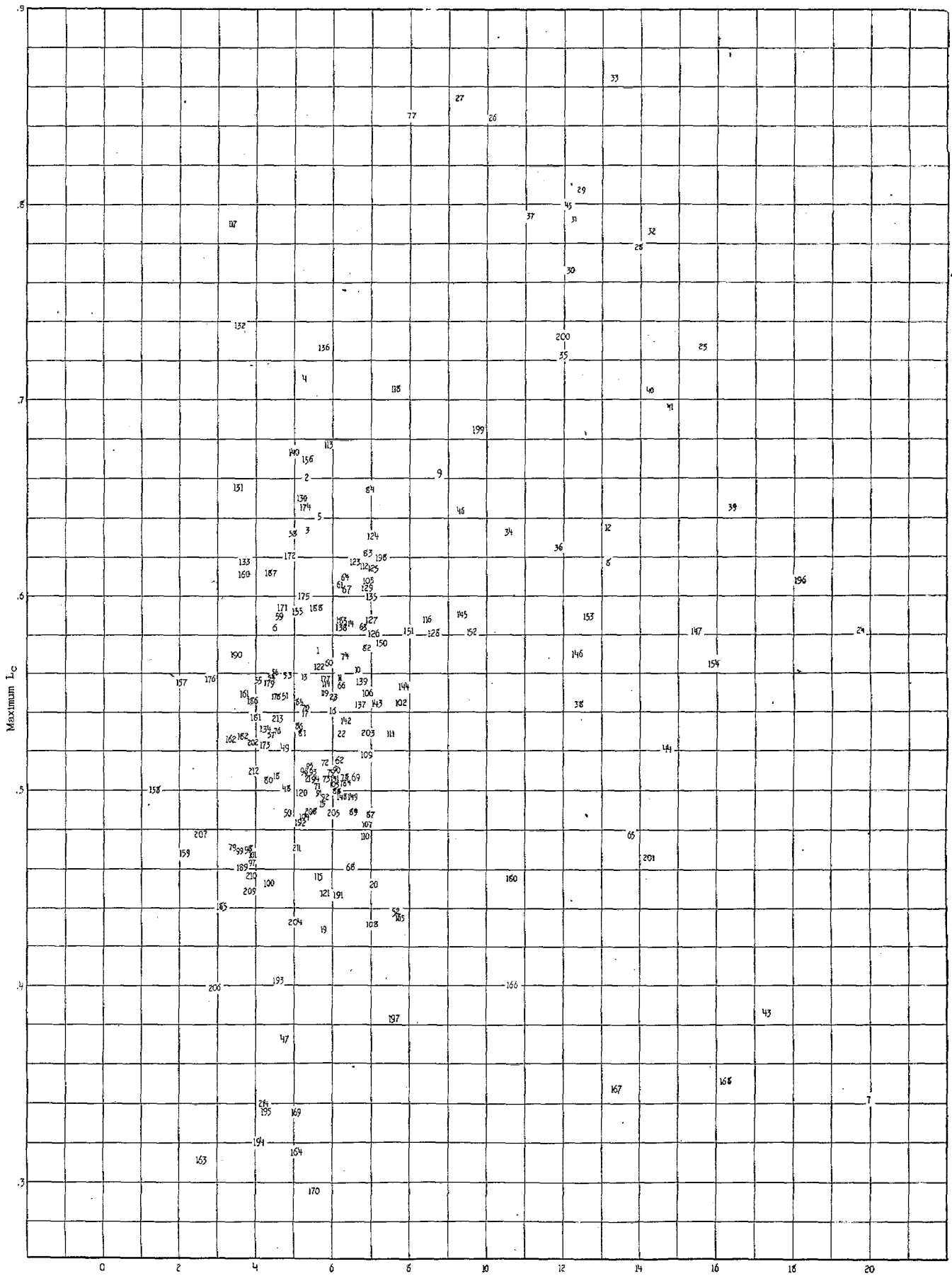


Chart No. 2.

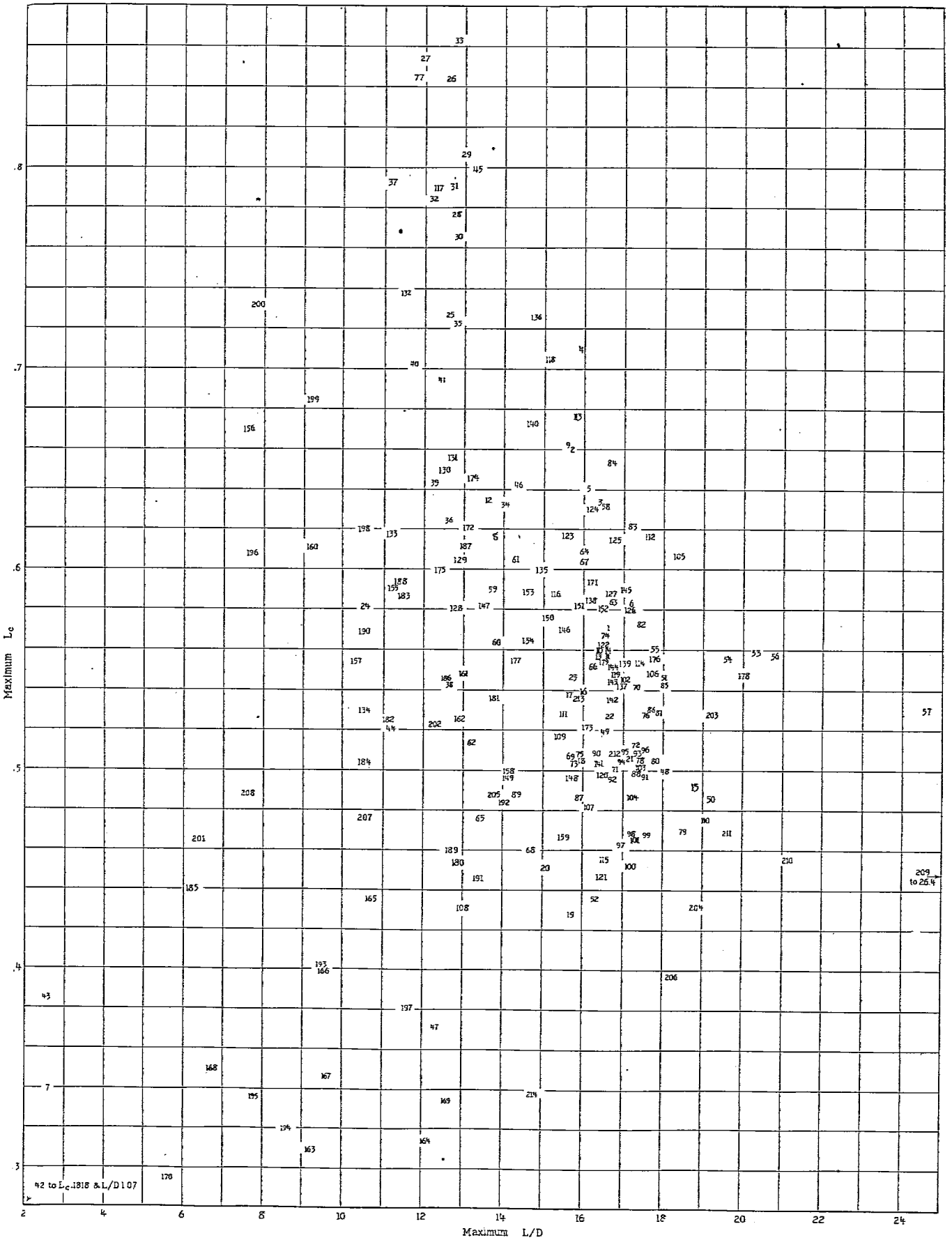


Chart No. 3.

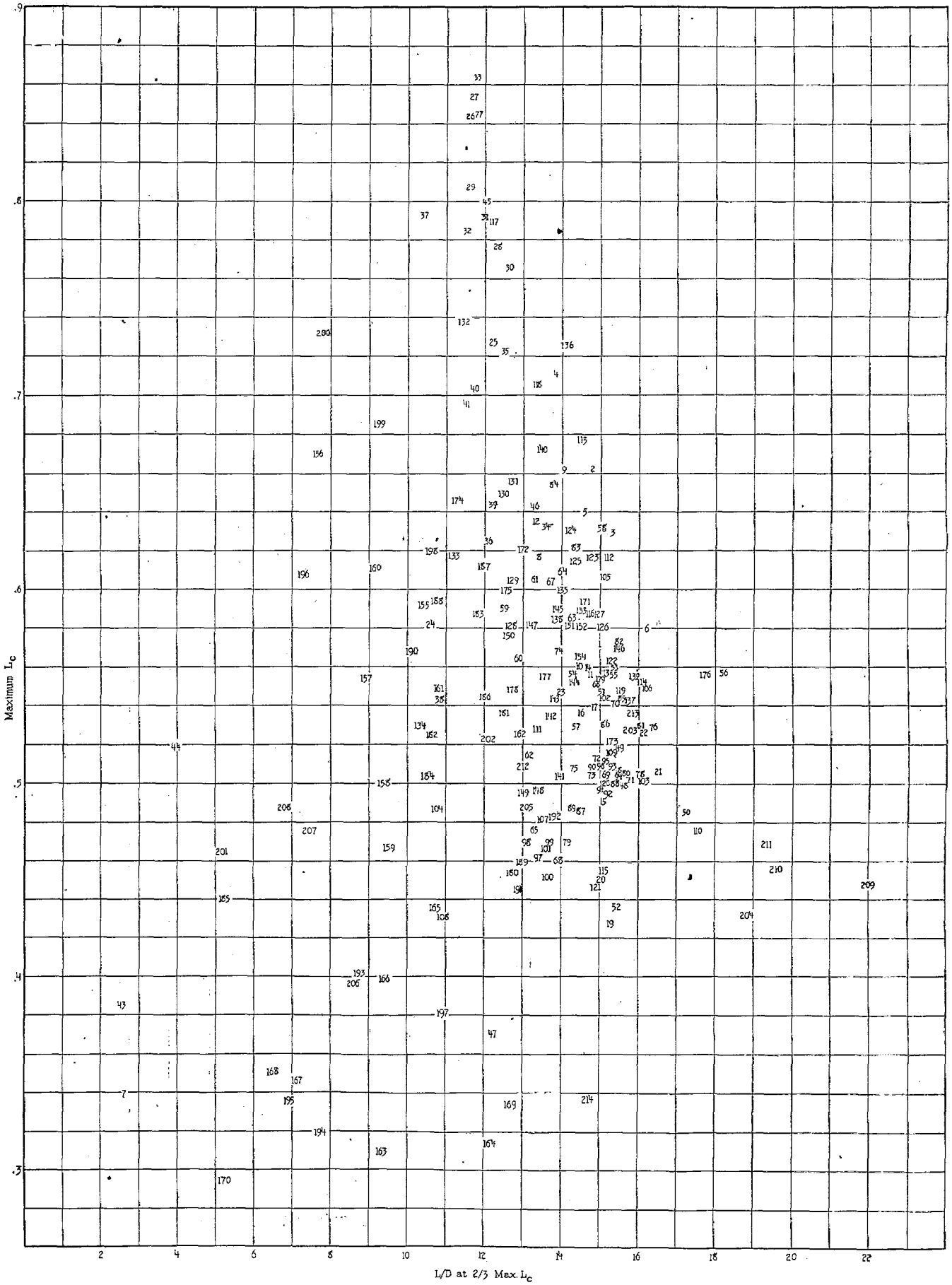


Chart No. 4.