



Smithsonian

National Museum of American History Kenneth E. Behring Center

Preliminary Guide to the McIntosh, Seymour and Company Records

NMAH.AC.0985

Alison Oswald

2017

Archives Center, National Museum of American History
P.O. Box 37012
Suite 1100, MRC 601
Washington, D.C. 20013-7012
archivescenter@si.edu
<https://americanhistory.si.edu/archives>

Table of Contents

Collection Overview	1
Administrative Information	1
Biographical / Historical.....	2
Arrangement.....	2
Scope and Contents.....	2
Names and Subjects	2
Container Listing	4
Series 1: Background Materials, 1889 - 1980.....	4
Series 2: Letter Books, 1895 - 1901.....	6
Series 3: Sketches, 1900 - 1941.....	7
Series 4: Shop Books, 1897 - 1924.....	10
Series 5: Calculation Books and Sheets, 1903 - 1915.....	13
Series 6: Drawings (partially processed), 1898 - 1922.....	15
Series 7: Instructions, 1899 - 1941.....	55
Series 8: Technical Data, 1901 - 1923.....	57
Series 9: Photographs, 1915 - 1915.....	58

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	McIntosh, Seymour and Company Records
Date:	circa 1886-1939
Identifier:	NMAH.AC.0985
Creator:	McIntosh, Seymour and Company (Creator)
Source:	National Museum of American History (U.S.). Division of Mechanical and Civil Engineering (Collector) National Museum of American History (U.S.). Division of History of Technology (Collector)
Extent:	93.6 Cubic feet (174 boxes)
Language:	English .
Summary:	The records document the design, manufacture, and operation of steam and diesel engines by McIntosh, Seymour and Company of Auburn, New York.

Administrative Information

Acquisition Information

Originally collected for the division of Mechanical and Civil Engineering (now the Division of Work and Industry). Exact date and source of acquisition unknown.

Provenance

Transferred to the Archives Center from the Division of Work and Industry, 2006.

Processing Information

Collection processed by John Smith; supervised by Jane Jones, archivist, January 2004.

Preferred Citation

McIntosh, Seymour and Company Records, Archives Center, National Museum of American History

Restrictions

Collection is open for research but is stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at archivescenter@si.edu or 202-633-3270.

Accruals

Frank M. Smith, Jr. of American Industrial Sales Company donated a book in 1977 and Carson McCall donated photographs and one audio cassette in 1988-1989.

Biographical / Historical

John E. McIntosh (1858-1916) and James A. Seymour invented the centrifugal governor (US 346,302) in 1886 made possible the beginning of McIntosh and Seymour Company which was founded in 1886 in Auburn, New York. The centrifugal governor is a specific type that controls the speed of an engine, regulating the amount of fuel and maintaining a constant speed. The company manufactured and sold large steam engines for stationary generators and marine use. By 1910, the company introduced diesel engines for railroads.

Scope and Contents

These records relate to the design, manufacture, and operation of diesel engines by McIntosh, Seymour and Company of Auburn, New York. Included are letter books, instruction manuals; price and data sheets; notebooks; design notes, blueprints and drawings; calculations and specifications, sketches; and photographs.

Arrangement

The collection is arranged into ten series.

Series 1: Background Materials, 1889-1980

Series 2: Letter Books, 1895-1901

Series 3: Sketches, 1900-1941

Series 4: Shop Books, 1897-1924

Series 5: Calculation Books and Sheets, 1903-1915

Series 6: Drawings, 1899-1922

Series 7: Instructions, 1899-1941

Series 8: Technical Data, 1901-1923

Series 9: Photographs, 1915

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Diesel engines
- Engine design
- Manufacturing
- Steam-engines

Types of Materials:

- Blueprints
- Drawings
- Manuals
- Notebooks

Names:

National Museum of American History (U.S.). Division of History of Technology
National Museum of American History (U.S.). Division of Mechanical and Civil Engineering

Places:

Auburn (N.Y.)

Container Listing

Series 1: Background Materials, 1889 - 1980

Box 56, Folder 1	Forms, undated
Box 1, Folder 1	History of the company, 1942 - 1942, 1945 - 1945, 1969
Box 1, Folder 2	Articles, 1892 - 1975
Box 1, Folder 3	Telegraph Code, 1902
Box 1, Folder 4	US Patent 402,622, Steam Engine, 1889
Box 1, Folder 4	US Patent 495,516, Steam Engine, 1893
Box 1, Folder 5	Index to drawings (Catalog 1), undated
Box 1, Folder 6	Engines, 1897
Box 1, Folder 7	Engines, 1898
Box 1, Folder 8	Steam Engines, 1899
Box 2, Folder 1	Catalogue of Steam Engines, 1901
Box 2, Folder 2	Steam Engines`, 1904
Box 2, Folder 3	Steam Engines, 1906
Box 2, Folder 4	Steam Engines, 1906
Box 2, Folder 5	High Speed Engines, 1912
Box 2, Folder 6	Bulletins, 51, 53 and 55, 1914 - 1915
Box 2, Folder 7	Diesel Engines, 1926, 1928 - 1928
Box 2, Folder 8	Diesel Engines, [1933?]
Box 3, Folder 1	Diesel Engines for Stationary Service, 1933
Box 3, Folder 2	Diesel Engines, 1936
Box 3, Folder 3	Achievement in Motorships, 1921

Box 3, Folder 4	Diesel marine Engines, crosshead type, 1922
Box 3, Folder 5	Diesel Engine Lubrication, undated
Box 3, Folder 6	Engines, undated
Box 3, Folder 7	An Achievement in Motorships, Diesel Engines, 1921
Box 3, Folder 8	American Locomotive Company (ALCO), 1945 - 1980
Box 3, Folder 9	Automatic Cut-Off Steam Engines, undated
Box 3, Folder 10	Crane Packing Company, undated
Box 3, Folder 11	Heavy Stationery Type Oil Engines, 1922
Box 3, Folder 12	France Metal Packing, undated
Box 3, Folder 13	Line Charts, 1920
Box 3, Folder 14	Standard Compound Engine, undated
Box 3, Folder 15	Type F, Bulletin 28, undated
Box 3, Folder 16	Price Lists, 1894
Box 3, Folder 17	Price Lists, 1919

[Return to Table of Contents](#)

Series 2: Letter Books, 1895 - 1901

Box 71

Letter Book C, 1895 May-1901 February

[Return to Table of Contents](#)

Series 3: Sketches, 1900 - 1941

Box 60, Folder 1	Atkins, D.F., 1900 - 1900
Box 3, Folder 18-19; Box 57, Folder 1	Carlson, C., 1905 - 1905, 1904 - 1905, 1902 - 1902
Box 57, Folder 2	Cooke, H., 1907 - 1909
Box 60, Folder 2	Cooke, H., 1893 - 1896
Box 60, Folder 2A	Cooke, H. (engineering data)
Box 60, Folder 3	Cooke, H. (cylinder boring rig), 1903 - 1903
Box 57, Folder 3	Ernsberger, M.C., 1900 - 1900
Box 60, Folder 4	Ernsberger, M.C., 1904 - 1904
Box 60, Folder 4A	Huplbut, J. (notes), 1915 - 1915
Box 64, Folder 1	McAlpine, A., 1899 - 1899
Box 64, Folder 2	McAlpine, A. (Governors wheels), 1907 - 1907
Box 58, Folder 1	1.1: McAlpine, A., 1914 - 1914
Box 58, Folder 2	McAlpine, A., 1920 - 1920
Box 58, Folder 3	McAlpine, A., 1921 - 1921
Box 58, Folder 4	McAlpine, A., 1923 - 1923
Box 64, Folder 3	McAlpine, A., 1926 - 1926
Box 58, Folder 5	#3, McAlpine, A. (notes), 1927 - 1927
Box 58, Folder 6	#5, McAlpine, A., 1927 - 1927
Box 58, Folder 7	#6, McAlpine, A., 1928 - 1928
Box 58, Folder 8	#8, McAlpine, A., 1929 - 1929
Box 58, Folder 9	#9, McAlpine, A., 1931 - 1931
Box x, Folder 1	#10, McAlpine, A., 1933 - 1934

Box 58, Folder 10	#14, McAlpine, A., 1932 - 1933
Box 59, Folder 1	#16, McAlpine, A., 1933 - 1934
Box 59, Folder 2	#17, McAlpine, A. and J. Piwinski, 1934 - 1934
Box 59, Folder 3	#18, McAlpine, A., 1935 - 1935
Box 59, Folder 4	#19, McAlpine, A., 1936 - 1936
Box 59, Folder 5	McAlpine, A., 1935 - 1936
Box 64, Folder 4	McAlpine, A., 1941 - 1941
Box 60, Folder 5	Maeda, F. (miscellaneous figring), 1905 - 1905
Box 60, Folder 6	Maeda, F., 1906 - 1906
Box 57, Folder 4	Straub, Carlson, 1911 - 1911
Box 57, Folder 5	Taylor, L.B. (spiral), 1902 - 1905
Box 64, Folder 5	Taylor, L.B. (curves), undated
Box 57, Folder 6	Canadian Pacific engine, 1921 - 1922
Box 56, Folder 2	Four valve engine for governor layouts and investigations, 1911 - 1913
Box 64, Folder 6	A-9 governor, 1910 - 1910
Box 64, Folder 7	Valve gears, 1910 - 1910
Box 64, Folder 8	84" rotary dryer, 1912 - 1912
Box 56, Folder 4	Miscellaneous, undated
Box 6, Folder 3	M Sketches, Number 1, undated
Box 6, Folder 5	M Sketches (1700-2048), undated
Box 7, Folder 4	S-Sketches, undated
Box 19, Folder 1	Sketch Book A, undated
Box 7, Folder 3	Sketch Book B, undated
Box 8, Folder 4	Sketch Book D, undated

Box 20, Folder 1	Sketch Book E, undated
Box 71	Sketches, 1900 - 1902
Box 86	S sketches, 1913 - 1927
Box 85	S Sketches, S-400 to S-1009, 1901 - 1905
Box 80	Sketches S-110 to S-1799
Box 87	S sketches, S-1800 to S-2499, 1907 - 1913

[Return to Table of Contents](#)

Series 4: Shop Books, 1897 - 1924

Box 4, Folder 1	Index to Records of Engines (Books 1-7), undated
Box 4, Folder 2	Index to Record Engines, undated
Box 4, Folder 3	[Index to Engines?], undated
Box 4, Folder 4	[Index to Engines?], undated
Box 4, Folder 5	Record of Shop Numbers (300-681), Number 3, undated
Box 4, Folder 6	Record of Shop Numbers, Number 4, undated
Box 4, Folder 7	Record of Shop Numbers, Number 5, undated
Box 4, Folder 8	Record of Shop Numbers, Number 6, undated
Box 5, Folder 1	Shipment of Engines/Record of Shop Numbers, undated
Box 5, Folder 2	Engine Shop List and List Numbers, undated
Box 5, Folder 3	[Shop Notebook?], undated
Box 5, Folder 4	Pattern Book, 1897
Box 5, Folder 5	Pattern Book, 1898 July
Box 5, Folder 6	Pattern Book (1-5994), 1911
Box 5, Folder 7	Pattern Book (8925-), undated
Box 5, Folder 8	Pattern Book (10300-10949), undated
Box 5, Folder 9	Pattern Book (11666-)
Box 6, Folder 1	Pattern Book , Number 3 (W. Murray), undated
Box 6, Folder 1	Pattern Book , Number 3 (W. Murray), undated
Box 6, Folder 3	Foundry sheets, Number 1 (for steel castings), undated
Box 6, Folder 4	Engine Record, 1915 - 1916
Box 6, Folder 6	Express, 1907 - 1908
Box 6, Folder 7	Record prints, undated

Box 7, Folder 1	Index 4, Book Number 14 (piston ring spring)
Box 7, Folder 2	Catalogue Number 2, undated
Box 8, Folder 1	Steam Engine numbers, undated
Box 8, Folder 2	Engine Inspection Book, undated
Box 8, Folder 3	Engine Inspection Book, undated
Box 19, Folder 2	Engine Inspection Book, undated
Box 65, Folder 1A	Stud and bolt book, 1907 - 1908
Box 67	Volume 24 Notes: Gridiron Lists, 72-446; Shop Numbers, 112-873; Lot Numbers, -227; and Shipments, 1891 November-1898 February
Box 68	Volume 25 Notes: Gridiron Lists, 451-619; Shop Numbers 880-1084; Lot Numbers, 230-351; and Shipments, 1898 April-1901 April
Box 69	Volume 26, 1900 May Notes: Shop Numbers and lot numbers
Box 70	Volume 27 Notes: Gridiron Lists, 620-699; Shop Numbers 1083-1175; Lot Numbers, 347-445; and Shipments, 1901 Mat-1902 October
Box 88	Volume 28 Notes: Gridiron lists, 801-915; Shop Numbers, 1298-1437; Lot Numbers, 546-651; and Shipments, 1905 March-1909 June
Box 89	Volume 29 Notes: Gridiron Lists, 700-799; Shop Numbers, 1176-1296; Lot Numbers, 446-545; and Shipments, 1902 October-1905 January 14
Box 90	Volume 30 Notes: Gridiron lists, 916-; Shop Numbers, 1483-; Lot Numbers 642-; and Shipments.
Box 91	Volume 31, 1901 - 1913 Notes: Bolt and stud list
Box 76	Wheel Book, 1900 - 1915
Box 75	Governor Settings, 1901 - 1915

Box 74	Piston Valves, 1901-[1915?]
Box 74	Valve Engines (shipped), 1911 - 1915
Box 73	Approximate Weight, 1914
Box 73	Order Record Book, 1915
Box 72	Grease Cup List, 1899 - 1915
Box 72	Steam Engine Record Lists, 1915
Box 79	St'd tables (equipment specifications), 1901 - 1924
Box 81	Piston Valves, 1-254; Shop Numbers 1-619; Lot Numbers 1-70; and Shipments, 1886-1894 October
Box 78	Piston Valves, 255-577; Shop Numbers 616-1034; Lot Numbers, 59-182; and Shipments, 1894 November-1900 February
Box 77	Volume 5, Engine Orders, 1900 - 1903
Box 77	Volume 6, Engine Orders, 1902 - 1906
Box 86	Shaft Book, 1902 - 1911
Box 84	Engines Shipped, 1896 - 1915
Box 83	Gridiron Valve Settings, 1900 - 1912
Box 82	Stud Book, 1907
Box 82	Valve gear information (steam engines), 1907 - 1908

[Return to Table of Contents](#)

Series 5: Calculation Books and Sheets, 1903 - 1915

Scope and Contents: This series consists of calculation books maintained by engineers working on engine designs. The books are bound, paginated, and signed and dated. The books are arranged numerically and in some instances, have a specific title such as valve gears.

Box 65, Folder 1	Calculation Sheets (C1-C59), 1903 - 1903
Box 65, Folder 2	Index to steam engine calculation books, undated
Box 65, Folder 3	Calculation sheets, 1911 - 1912
Box 15, Folder 1	Number 1, 1905 - 1907 Notes: M.E. Griffin; G.P. Pikulinski; T. Jung; Hashimoto
Box 15, Folder 2	Number 2, 1905 - 1907 Notes: T. Nakagawa; F.R. Finch
Box 15, Folder 3	Number 3, undated Notes: E.V. feiletzen
Box 15, Folder 4	Number 4, 1903 - 1905 Notes: Valve gear
Box 15, Folder 5	Number 5, 1905 - 1907 Notes: Piston spring; G. Pikulinsky; F.R. Finch
Box 15, Folder 6	Number 6, 1905 - 1907 Notes: Valve gear; A.O. Carpenter; E.V. Feiletzen; F. Nakagawa
Box 61, Folder 4	Number 7, 1903 - 1907
Box 16, Folder 1	Number 8, 1905 - 1906 Notes: Steam yacht Calypso
Box 16, Folder 2	Number 9, 1906 Notes: F. Maeda
Box 61, Folder 5	Number 10 (general valve gear), 1906 - 1907
Box 16, Folder 3	Number 11, 1907 Notes: Boat engine
Box 16, Folder 4	Number 12, 1907 - 1908
Box 16, Folder 5	Number 15, 1908 - 1909
Box 16, Folder 6	Number 16, 1909
Box 17, Folder 1	Number 17, 1908

	Notes: T. Nakagawa
Box 17, Folder 2	Number 18, 1907 - 1908
Box 17, Folder 3	Number 19, 1908 - 1909
Box 17, Folder 4	Number 20, 1907 - 1910
Box 17, Folder 5	Numbers 21, 24, 25, 1909 - 1911
Box 17, Folder 6	Number 22, 1909 - 1910 Notes: T. Nakagawa
Box 17, Folder 7	Number 23, 1910 - 1912
Box 18, Folder 1	Number 26, 1908 - 1910
Box 18, Folder 2	Number 27, 1912
Box 18, Folder 3	Number 28, 1910 - 1911
Box 18, Folder 4	Number 29, 1912 - 1913
Box 18, Folder 5	Number 32, 1910 - 1914
Box 18, Folder 6	Number D-3, 1915 Notes: William Cowell; Mr. Bjornson

[Return to Table of Contents](#)

Series 6: Drawings (partially processed), 1898 - 1922

Scope and Contents: The engine drawings consist of sketches, calculations, repair parts orders, drafting room specifications, contract orders and construction blueprints. The engines were designed and built for a variety of clients. For example, Engine #241 was designed, built and installed at the Amesbury Electric Light Company in Amesbury, Massachusetts. Many of the construction blueprints are annotated with the engine number and other notes about installation. The drawings are 24" x 36" or smaller and are folded. Indices for the drawings consist of 3" x 5" index cards. The cards contain a drawing number, descriptive title, and in some instances, additional notes. For example, drawing M-1339, crank pin effort, connecting rod=5 cranks long. The series is arranged numerically by engine number and is not complete.

Box 21	Index cards to drawings (A-Cro), undated
Box 22	Index cards to drawings (Sn-Z)
Box 23	Index cards to drawings (P-V) Notes: Cards cover piston rods, platforms, receivers, receiver coils, receiver pipes, relief valves, release gears, Rocker, bearings, rocker cones, rocker shafts, steam shaft covers, throttle valves, valves, valve details, and valve seats.
Box 24	Index cards to drawings Notes: Valves
Box 25	Index cards to drawings
Box 26	Index cards to drawings Notes: Valves, indicator motion assemblies, and lubricator piping.
Box 27	Index cards to drawings Notes: Cards include lubricator piping, machine shop, "M", steam chest covers, steam and exhaust, "S" and "T".
Box 28	Index cards to drawings Notes: Index cards include tail rods, throttles, and valves.
Box 29	Index cards to drawings Notes: Index cards include frames, general drawings, and rocker shafts.
Box 30	Index cards to drawings Notes: Index cards include speed changers, crank shafts, "C" and general drawings.
Box 31	Index cards to drawings Notes: Index cards include general drawings (by number) and "G".
Box 32	Index cards to drawings Notes: Index cards include piston summary and letters A-O.
Box 33	Index cards to drawings

	Notes:	Index cards include oil, packing sleeves, piping, eccentric rods and eccentric straps.
Box 34	Index cards to drawings Notes:	Index cards include eccentric shields, elbows, engine changes, forgings, foundation drawings, and cylinder drilling.
Box 35	Index cards to drawings Notes:	Index cards include cylinder lagging, diagrams, drag link, and eccentric auxiliary,
Box 36	Index cards to drawings Notes:	Index cards include crank shafts, crossheads, and cylinder summary.
Box 37	Index cards to drawings Notes:	Index cards include alphabetical listing of clients (M-Z) and drawings by dimension size. For example, 9" x 9" or 11 1/2" x 12".
Box 38	Index cards to drawings Notes:	Index cards include drawings by dimension, alphabetical listing of clients (B-G) and general drawings.
Box 39	Index cards to drawings Notes:	Index cards include alphabetical by client (H-P) and pistons.
Box 40	Index cards to drawings Notes:	Index cards include alphabetical client list (S), stockers, foundation drawings, governor wheels, and guides.
Box 41	Index cards to drawings Notes:	Index cards include heads, valves, wrenches, coupling shafts, and crank shafts.
Box 42	Index cards to drawings Notes:	Index cards include crossheads, cylinders, eccentric rods, foundation box, and oil pumps.
Box 43	Index cards to drawings Notes:	Valves, forgings, wheel turing, and launch varick.
Box 44	Index cards to drawings Notes:	Governor wheel and alphabetical listing (Ge-N).
Box 45	Index cards to drawings Notes:	Alphabetical (Lin-She and E-Fe).
Box 46	Index cards to drawings Notes:	Alphabetical listing (Fi-Got).

Box 47	Index cards to drawings Notes: Alphabetical listing (Gr-Li).
Box 48	Index cards to drawings Notes: Alphabetical listing (Co-Cr).
Box 49	Index cards to drawings Notes: Piston rings, Ar-Calypso
Box 50	Index cards to drawings Notes: Governor assembly, built up and rope drive
Box 51	Index cards to drawings Notes: Horizontal frame, rocker arms, and relief valves
Box 52	Index cards to drawings Notes: Rocker bars
Box 53	Index cards to drawings Notes: Platforms and receivers.
Box 54	Index cards to drawings Notes: Receiver pipes, drawing by dimension size
Box 55	Index cards to drawings Notes: Drawings by dimension size, condenser lists, slotter 120", piston rods, pit lathes, and plain wheels.
Box 56, Folder 3	List of type F engines sold, undated
Box 61, Folder 1	List of drawing numbers, undated
Box 61, Folder 2	Lists of drawings (old), 1896 - 1897
Box 61, Folder 3	Engine list (purchased), 1905 - 1915
Box 6, Folder 2	Drawing Index (R700-R1134)
Box 92	Engine #1
Box 92	Engine #26
Box 92	Engine #40
Box 92	Engine #52
Box 92	Engine #54
Box 92	Engine #65

Box 92	Engine #69
Box 92	Engine #81-82
Box 92	Engine #84-85
Box 92	Engine #87-88
Box 92	Engine #96
Box 92	Engine #98
Box 92	Engine #99
Box 92	Engine #107
Box 92	Engine #108
Box 92	Engine #117
Box 92	Engine #118
Box 92	Engine #119
Box 92	Engine #121
Box 92	Engine #126
Box 92	Engine #137
Box 92	Engine #138
Box 92	Engine #145
Box 92	Engine #147
Box 92	Engine #150
Box 92	Engine #156-157 (See #150 for foundation drawings)
Box 92	Engine #160
Box 92	Engine #164
Box 92	Engine #165
Box 92	Engine #167

Box 92	Engine #169
Box 92	Engine #172
Box 92	Engine #175
Box 92	Engine #176
Box 92	Engine #191
Box 92	Engine #197
Box 92	Engine #198
Box 92	Engine #201
Box 92	Engine #203
Box 92	Engine #206
Box 92	Engine #209
Box 92	Engine #208-210
Box 92	Engine #211
Box 92	Engine #216
Box 92	Engine #217
Box 92	Engine #220
Box 92	Engine #221
Box 92	Engine #227
Box 92	Engine #228
Box 92	Engine #230
Box 92	Engine #232
Box 92	Engine #235
Box 92	Engine #236
Box 92	Engine #237

Box 92	Engine #241
Box 92	Engine #239-240-243
Box 92	Engine #244
Box 92	Engine #249
Box 93	Engine #250
Box 93	Engine #252
Box 93	Engine #259-260
Box 93	Engine #266-267-268
Box 93	Engine #269
Box 93	Engine #270
Box 93	Engine #275-276
Box 93	Engine #277
Box 93	Engine #280
Box 93	Engine #281
Box 93	Engine #282
Box 93	Engine #285
Box 93	Engine #289
Box 93	Engine #294
Box 93	Engine #297
Box 93	Engine #298
Box 93	Engine #299
Box 93	Engine #300
Box 93	Engine #301
Box 93	Engine #304

Box 93	Engine #306
Box 93	Engine #307
Box 93	Engine #308
Box 93	Engine #309
Box 93	Engine #310
Box 93	Engine #313
Box 93	Engine #315
Box 93	Engine #321, 322
Box 93	Engine #325
Box 93	Engine #326
Box 93	Engine #329
Box 93	Engine #330 (see #227 for foundation plan)
Box 93	Engine #335
Box 93	Engine #338 (See #329 for standard 48" clutch)
Box 93	Engine #339
Box 93	Engine #343
Box 93	Engine #344
Box 93	Engine #345
Box 93	Engine #346
Box 93	Engine #350
Box 93	Engine #351
Box 93	Engine #353
Box 93	Engine #358
Box 93	Engine #359

Box 93	Engine #361-362
Box 93	Engine #369
Box 93	Engine #373
Box 93	Engine #375
Box 93	Engine #377
Box 93	Engine #383
Box 93	Engine #384
Box 94	Engine #392
Box 94	Engine #394
Box 94	Engine #395
Box 94	Engine #406
Box 94	Engine #411-412
Box 94	Engine #413-414
Box 94	Engine #417-419
Box 94	Engine #420
Box 94	Engine #426
Box 94	Engine #427
Box 94	Engine #432
Box 94	Engine #433
Box 94	Engine #435
Box 94	Engine #438
Box 94	Engine #440
Box 94	Engine #441
Box 94	Engine #448-449

Box 94	Engine #452
Box 94	Engine #458
Box 94	Engine #459
Box 94	Engine #461
Box 94	Engine #464
Box 94	Engine #465
Box 94	Engine #467
Box 94	Engine #469
Box 94	Engine #470
Box 94	Engine #471
Box 94	Engine #472
Box 94	Engine #475
Box 94	Engine #480
Box 94	Engine #482-483
Box 94	Engine #486
Box 94	Engine #487
Box 94	Engine #488
Box 94	Engine #493
Box 94	Engine #496
Box 94	Engine #497-498
Box 95	Engine #501
Box 95	Engine #502, 504
Box 95	Engine #503
Box 95	Engine #505

Box 95	Engine #506
Box 95	Engine #507, 511, 516
Box 95	Engine #512
Box 95	Engine #516
Box 95	Lot #516
Box 95	Engine #517
Box 95	Engine #518
Box 95	Engine #519
Box 95	Engine #522
Box 95	Engine #523
Box 95	Lot #524
Box 95	Engine #527 (See #522 for dynamic print)
Box 95	Engine #531 (See #522 for dynamic print)
Box 95	Engine #533-534
Box 95	Engine #538
Box 95	Lot #539
Box 95	Engine #540
Box 95	Engine #541
Box 95	Engine #543
Box 95	Engine #544-547
Box 95	Engine #549
Box 95	Engine #553
Box 95	Engine #555
Box 95	Engine #557

Box 95	Engine #559 (See #553 for drawing prints)
Box 95	Engine #565
Box 95	Engine #568
Box 95	Engine #569-570
Box 95	Engine #572-573
Box 96	Engine #574
Box 96	Engine #575
Box 96	Engine #576
Box 96	Engine #577
Box 96	Engine #578
Box 96	Engine #579
Box 96	Engine #585
Box 96	Engine #587
Box 96	Engine #588
Box 96	Engine #589
Box 96	Engine #592
Box 96	Engine #593
Box 96	Engine #594
Box 96	Engine #595
Box 96	Engine #600
Box 96	Engine #602-605;607-609
Box 96	Engine #612
Box 96	Engine #614
Box 96	Engine #622

Box 96	Engine #623
Box 96	Engine #624
Box 96	Engine #627 (See #589 for print)
Box 96	Engine #629
Box 96	Engine #632
Box 96	Engine #633
Box 96	Engine #634
Box 97	Engine # 635
Box 97	Engine # 636
Box 97	Engine # 642
Box 97	Engine # 645
Box 97	Engine # 647
Box 97	Engine #648
Box 97	Engine # 652
Box 97	Engine # 662
Box 97	Engine # 663
Box 97	Engine # 666
Box 97	Engine # 669
Box 97	Engine # 671
Box 97	Engine # 673
Box 97	Engine # 675
Box 97	Engine # 677
Box 97	Engine # 681
Box 97	Engine # 684

Box 97	Engine # 687
Box 98	Engine # 689
Box 98	Engine # 691-692
Box 98	Engine # 693
Box 98	Engine # 694
Box 98	Engine # 696
Box 98	Engine # 702
Box 98	Engine # 703
Box 98	Engine # 704-706
Box 98	Engine # 707
Box 98	Engine # 712
Box 98	Engine # 715
Box 98	Engine # 717
Box 98	Engine # 720
Box 98	Engine # 724
Box 98	Engine # 725
Box 98	Engine # 728
Box 99	Engine # 730
Box 99	Engine # 731
Box 99	Engine # 732
Box 99	Engine # 733
Box 99	Engine # 741
Box 99	Engine # 744
Box 99	Engine # 746

Box 99	Engine # 747
Box 99	Engine # 751
Box 99	Engine # 755
Box 99	Engine # 756
Box 99	Engine # 757
Box 99	Engine # 758
Box 100	Engine #763 (See #751)
Box 100	Engine #764
Box 100	Engine #765
Box 100	Engine #766
Box 100	Engine #767
Box 100	Engine #768 (See #765)
Box 100	Engine #769
Box 100	Engine #771
Box 100	Engine #772 (See #767)
Box 100	Engine #773
Box 100	Engine #775
Box 100	Engine #776
Box 100	Engine #778
Box 100	Engine #780
Box 100	Engine #781
Box 100	Engine #784
Box 100	Engine #785
Box 100	Engine #788

Box 100	Engine #790
Box 100	Engine #791
Box 100	Engine #792
Box 100	Engine #796
Box 100	Engine #797
Box 100	Engine #798
Box 100	Engine #799
Box 101	Engine #802
Box 101	Engine #804
Box 101	Engine #805
Box 101	Engine #809
Box 101	Engine #811
Box 101	Engine #812
Box 101	Engine #813 (See #809)
Box 102	Engine #817
Box 102	Engine #818
Box 102	Engine #819
Box 102	Engine #820
Box 102	Engine #821
Box 102	Engine #822
Box 102	Engine #823
Box 102	Engine #824
Box 103	Engine #826
Box 105; Box 103	Engine #827

Box 105	Engine #828
Box 105	Engine #830
Box 105	Engine #832
Box 105	Engine #833
Box 105	Engine #834
Box 104	Engine #836
Box 104	Engine #839
Box 104	Engine #841
Box 104	Engine #842
Box 104	Engine #843
Box 104	Engine #846
Box 104	Engine #848
Box 104	Engine #841
Box 104	Engine #851
Box 104	Engine #854
Box 104	Engine #856
Box 106	Engine #857
Box 106	Engine #858
Box 106	Engine #860
Box 106	Engine #861
Box 107	Engine #862
Box 107	Engine #863
Box 107	Engine #864
Box 107	Engine #866

Box 107	Engine #867
Box 107	Engine #868
Box 107	Engine #871 (See #792)
Box 107	Engine #872
Box 107	Engine #876
Box 107	Engine #880
Box 108	Engine #881
Box 108	Engine #882
Box 108	Engine #884
Box 108	Engine #885
Box 108	Engine #886
Box 108	Engine #887
Box 108	Engine #888
Box 108	Engine #890 (See #899)
Box 108	Engine #892
Box 108	Engine #893 (Romeo and Juliet)
Box 108	Engine #894
Box 108	Engine #895
Box 108	Engine #897
Box 108	Engine #899
Box 108	Engine #911
Box 108	Engine #901
Box 109	Engine #903
Box 109	Engine #904

Box 109	Engine #906-907
Box 109	Engine #908
Box 109	Engine #909
Box 109	Engine #914
Box 109	Engine #915
Box 109	Engine #917
Box 109	Engine #918
Box 110	Engine #921
Box 110	Engine #922
Box 110	Engine #924
Box 110	Engine #925
Box 110	Engine #926 (See #922)
Box 110	Engine #927
Box 110	Engine #929
Box 110	Engine #930
Box 110	Engine #931
Box 110	Engine #932
Box 110	Engine #933
Box 111	Engine #934
Box 111	Engine #935
Box 111	Engine #936
Box 111	Engine #937
Box 111	Engine #939
Box 111	Engine #940

Box 111	Engine #941
Box 111	Engine #942
Box 112	Engine #944
Box 112	Engine #945
Box 112	Engine #946
Box 112	Engine #947
Box 112	Engine #948
Box 112	Engine #949
Box 112	Engine #954
Box 112	Engine #963
Box 112	Engine #965
Box 113	Engine #965
Box 113	Engine #966
Box 113	Engine #967
Box 113	Engine #970
Box 113	Engine #971
Box 113	Engine #972
Box 113	Engine #973
Box 114	Engine #974
Box 114	Engine #975
Box 114	Engine #976
Box 114	Engine #979
Box 114	Engine #982
Box 114	Engine #984

Box 114	Engine #985
Box 114	Engine #986
Box 114	Engine #987
Box 114	Dunn and McCarthy steam engines
Box 114	Engine #988
Box 114	Engine #990
Box 115	Engine #992
Box 115	Engine #993
Box 115	Engine #994
Box 115	Engine #995
Box 115	Engine #996
Box 115	Engine #999
Box 115	Engine #1001
Box 115	Engine #1003
Box 115	Engine #1004
Box 115	Engine #1006
Box 115	Engine #1007
Box 115	Engine #1008
Box 115	Engine #1009
Box 115	Engine #1010
Box 116	Engine #1017
Box 116	Engine #1018
Box 116	Engine #1020
Box 116	Engine #1021

Box 116	Engine #1022
Box 116	Engine #1023
Box 116	Engine #1024
Box 116	Engine #1025
Box 116	Engine #1026
Box 116	Engine #1027
Box 117	Engine #1011
Box 117	Engine #1012
Box 117	Engine #1013
Box 117	Engine #1014 (See Engine #1010)
Box 117	Engine #1015 (See Engine #1010)
Box 117	Engine #1016
Box 117	Engine #1029
Box 117	Engine #1030
Box 117	Engine #1031
Box 117	Engine #1034
Box 117	Engine #1035
Box 117	Engine #1036
Box 117	Engine #1037
Box 117	Engine #1038
Box 118	Engine #1039
Box 118	Engine #1040
Box 118	Engine #1041
Box 118	Engine #1042

Box 118	Engine #1043
Box 118	Engine #1044
Box 118	Engine #1045
Box 118	Engine #1046
Box 118	Engine #1047
Box 118	Engine #1048
Box 118	Engine #1049
Box 119	Engine #1050
Box 119	Engine #1051
Box 119	Engine #1052
Box 119	Engine #1053
Box 119	Engine #1054
Box 119	Engine #1055
Box 119	Engine #1056
Box 119	Engine #1057
Box 120	Engine #1058
Box 120	Engine #1059
Box 120	Engine #1060
Box 120	Engine #1061
Box 120	Engine #1062
Box 120	Engine #1063
Box 120	Engine #1064
Box 120	Engine #1066
Box 120	Engine #1067

Box 120	Engine #1069
Box 120	Engine #1071
Box 121	Engine #1072
Box 121	Engine #1073
Box 121	Engine #1074
Box 121	Engine #1075
Box 121	Engine #1076
Box 121	Engine #1077
Box 121	Engine #1078
Box 121	Engine #1079
Box 121	Engine #1080
Box 121	Engine #1081
Box 122	Engine #1082
Box 122	Engine #1083
Box 122	Engine #1084
Box 122	Engine #1085
Box 122	Engine #1087
Box 122	Engine #1088
Box 122	Engine #1089
Box 122	Engine #10990
Box 122	Engine #1091
Box 122	Engine #1092
Box 122	Engine #1093
Box 123	Engine #1094

Box 123	Engine #1095
Box 123	Engine #1096
Box 123	Engine #1097
Box 123	Engine #1099
Box 123	Engine #1100
Box 123	Engine #1101
Box 123	Engine #1102
Box 123	Engine #1103
Box 123	Engine #1105
Box 124	Engine #1106
Box 124	Engine #1107
Box 124	Engine #1108
Box 124	Engine #1110
Box 124	Engine #1111
Box 124	Engine #1112
Box 124	Engine #1115
Box 124	Engine #1116
Box 124	Engine #1117
Box 124	Engine #1118
Box 124	Engine #1120
Box 125	Engine #1121
Box 125	Engine #1122
Box 125	Engine #1123
Box 125	Engine #1124

Box 125	Engine #1125
Box 126	Engine #1126
Box 126	Engine #1127
Box 126	Engine #1128-#1130
Box 126	Engine #1131
Box 126	Engine #1132
Box 126	Engine #1133
Box 126	Engine #1134
Box 126	Engine #1134
Box 127	Engine #1135
Box 127	Engine #1136
Box 127	Engine #1137
Box 127	Engine #1138
Box 127	Engine #1139
Box 127	Engine #1140
Box 127	Engine #1141
Box 127	Engine #1142
Box 127	Engine #1144-#1445
Box 127	Engine #1146-#1447
Box 128	Engine #1149
Box 128	Engine #1151-#1152
Box 128	Engine #1154
Box 128	Engine #1156
Box 128	Engine #1157

Box 128	Engine #1158
Box 128	Engine #1159
Box 129	Engine #1160
Box 129	Engine #1161
Box 129	Engine #1162
Box 129	Engine #1163
Box 129	Engine #1164
Box 129	Engine #1165
Box 129	Engine #1166
Box 129	Engine #1167
Box 129	Engine #1168
Box 129	Engine #1169
Box 130	Engine #1170
Box 130	Engine #1171
Box 130	Engine #1172
Box 130	Engine #1174
Box 130	Engine #1175
Box 130	Engine #1176
Box 130	Engine #1177
Box 131	Engine #1178
Box 131	Engine #1179
Box 131	Engine #1180
Box 131	Engine #1184
Box 131	Engine #1185

Box 131	Engine #1186
Box 131	Engine #1188
Box 131	Engine #1191
Box 132	Engine #1192
Box 132	Engine #1193
Box 132	Engine #1195
Box 132	Engine #1196
Box 132	Engine #1197
Box 132	Engine #1198-#199
Box 132	Engine #1200
Box 132	Engine #1201-#1202
Box 132	Engine #1203
Box 132	Engine #1204
Box 133	Engine #1207
Box 133	Engine #1212-
Box 133	Engine #1213
Box 133	Engine #1214
Box 133	Engine #1215
Box 133	Engine #1216
Box 133	Engine #1218
Box 134	Engine #1219
Box 134	Engine #1220
Box 134	Engine #1221
Box 134	Engine #1222

Box 134	Engine #1223
Box 134	Engine #1224
Box 134	Engine #1225
Box 134	Engine #1227
Box 135	Engine #1228
Box 135	Engine #1230
Box 135	Engine #1231
Box 135	Engine #1232
Box 135	Engine #1233
Box 135	Engine #1234
Box 135	Engine #1236-#1237
Box 136	Engine #1238
Box 136	Engine #1239
Box 136	Engine #1240
Box 136	Engine #1241
Box 136	Engine #1243
Box 136	Engine #1244
Box 136	Engine #1245 (See #545)
Box 136	Engine #1246
Box 136	Engine #1247
Box 136	Engine #1248
Box 137	Engine #1250
Box 137	Engine #1251
Box 137	Engine #1252-#1253

Box 137	Engine #1254
Box 137	Engine #1255
Box 138	Engine #1257
Box 138	Engine #1258
Box 138	Engine #1259
Box 138	Engine #1261-#1264
Box 138	Engine #1265
Box 138	Engine #1266
Box 138	Engine #1267
Box 138	Engine #1268
Box 139	Engine #1271
Box 139	Engine #1272
Box 139	Engine #1273
Box 139	Engine #1274
Box 139	Engine #1275
Box 139	Engine #1276
Box 139	Engine #1278
Box 139	Engine #1279
Box 139	Engine #1280
Box 139	Engine #1281
Box 140	Engine #1282
Box 140	Engine #1283
Box 140	Engine #1284
Box 140	Engine #1285

Box 140	Engine #1286
Box 140	Engine #1287
Box 140	Engine #1288
Box 140	Engine #1289
Box 140	Engine #1290
Box 141	Engine #1291
Box 141	Engine #1292
Box 141	Engine #1294
Box 141	Engine #1295
Box 141	Engine #1296
Box 141	Engine #1297
Box 141	Engine #1298-#1299
Box 141	Engine #1300
Box 141	Engine #1301
Box 141	Engine #1302
Box 142	Engine #1303
Box 142	Engine #1304
Box 142	Engine #1305
Box 142	Engine #1306-#1307
Box 142	Engine #1308
Box 142	Engine #1309
Box 142	Engine #1310
Box 142	Engine #1311
Box 142	Engine #1312

Box 143	Engine #1313
Box 143	Engine #1314
Box 143	Engine #1315
Box 143	Engine #1316
Box 144	Engine #1317
Box 144	Engine #1318
Box 144	Engine #1319
Box 144	Engine #1317
Box 144	Engine #1318
Box 144	Engine #1319
Box 144	Engine #1320
Box 144	Engine #1321
Box 144	Engine #1322
Box 144	Engine #1323-#1324
Box 144	Engine #1325
Box 145	Engine #1326
Box 145	Engine #1327
Box 145	Engine #1328
Box 145	Engine #1329
Box 145	Engine #1330
Box 145	Engine #1331
Box 145	Engine #1332
Box 145	Engine #1397
Box 145	Engine #1398

Box 146	Engine #1401-#1402
Box 146	Engine #1404
Box 146	Engine #1405
Box 146	Engine #1406
Box 146	Engine #1407
Box 146	Engine #1409
Box 146	Engine #1410
Box 147	Engine #1411
Box 147	Engine #1412
Box 147	Engine #1413
Box 147	Engine #1414-#1416
Box 147	Engine #1417
Box 147	Engine #1419
Box 147	Engine #1420
Box 147	Engine #1421
Box 147	Engine #1422
Box 147	Engine #1423
Box 147	Engine #1424
Box 147	Engine #1425
Box 148	Engine #1427
Box 148	Engine #1428
Box 148	Engine #1429
Box 148	Engine #1430
Box 148	Engine #1431

Box 148	Engine #1432
Box 148	Engine #1433
Box 149	Engine #1434
Box 149	Engine #1435
Box 149	Engine #1436-#1437
Box 150	Engine #1438-#1439
Box 150	Engine #1440
Box 150	Engine #1441
Box 150	Engine #1442
Box 151	Engine #1443
Box 151	Engine #1444
Box 151	Engine #1445
Box 151	Engine #1446
Box 151	Engine #1447
Box 152	Engine #1450
Box 152	Engine #1451
Box 152	Engine #1453
Box 152	Engine #1454
Box 152	Engine #1455
Box 152	Engine #1456
Box 152	Engine #1457
Box 153	Engine #1333-#1334
Box 153	Engine #1337
Box 153	Engine #1338

Box 153	Engine #1339
Box 153	Engine #1340
Box 153	Engine #1341
Box 153	Engine #1342
Box 153	Engine #1343
Box 154	Engine #1343
Box 154	Engine #1344
Box 154	Engine #1345
Box 154	Engine #1347
Box 154	Engine #1348
Box 154	Engine #1349
Box 154	Engine #1350
Box 154	Engine #1351
Box 154	Engine #1352
Box 154	Engine #1353
Box 154	Engine #1354
Box 155	Engine #1355
Box 155	Engine #1356
Box 155	Engine #1357
Box 155	Engine #1358
Box 155	Engine #1359
Box 155	Engine #1360
Box 155	Engine #1361
Box 156	Engine #1362

Box 156	Engine #1363
Box 156	Engine #1364-#1365
Box 157	Engine #1366
Box 158	Engine #1366
Box 158	Engine #1367
Box 158	Engine #1369
Box 158	Engine #1370
Box 158	Engine #1371
Box 158	Engine #1372
Box 158	Engine #1373
Box 158	Engine #1374
Box 158	Engine #1375
Box 158	Engine #1376
Box 158	Engine #1377
Box 158	Engine #1378
Box 158	Engine #1379
Box 159	Engine #1380
Box 159	Engine #1381
Box 159	Engine #1382
Box 159	Engine #1383
Box 159	Engine #1384
Box 159	Engine #1385
Box 159	Engine #1387
Box 159	Engine #1388

Box 159	Engine #1389
Box 159	Engine #1390
Box 159	Engine #1392
Box 159	Engine #1393
Box 159	Engine #1394
Box 160	Engine #1395
Box 160	Engine #1396
Box 160	Engine #1438
Box 160	Engine #1458
Box 160	Engine #1459
Box 160	Engine #1460
Box 161	Engine #1461
Box 161	Engine #1462
Box 161	Engine #1463
Box 162	Engine #1464
Box 162	Engine #1465
Box 162	Engine #1466
Box 162	Engine #1468
Box 162	Engine #1469
Box 162	Engine #1470
Box 162	Engine #1471
Box 162	Engine #1472
Box 162	Engine #1473
Box 163	Engine #1474

Box 163	Engine #1475
Box 163	Engine #1476
Box 163	Engine #1477
Box 163	Engine #1478
Box 163	Engine #1479
Box 163	Engine #1480
Box 163	Engine #1483
Box 163	Engine #1484-#1485
Box 164	Engine #1486
Box 164	Engine #1487
Box 164	Engine #1488
Box 164	Engine #1490-#1491
Box 164	Engine #1492-#1493
Box 164	Engine #1494
Box 165	Engine #1495
Box 165	Engine #1496
Box 165	Engine #1497
Box 165	Engine #1498-#1499
Box 165	Engine #1500
Box 165	Engine #1501
Box 165	Engine #1502
Box 165	Engine #1503
Box 166	Engine #1504-#1505; #1516
Box 166	Engine #1506-#1508

Box 166	Engine #1509-#1510
Box 166	Engine #1511-#1512
Box 166	Engine #1513-#1514
Box 166	Engine #1515
Box 166	Engine #1516 (See #1504)
Box 166	Engine #1517
Box 167	Engine #1518-#1519
Box 167	Engine #1520
Box 167	Engine #1521-#1522
Box 167	Engine #1523
Box 167	Engine #1524
Box 167	Engine #1525
Box 167	Engine #1526
Box 167	Engine #1527
Box 167	Engine #1528
Box 168	Engine #1529
Box 168	Engine #1530-#1531
Box 168	Engine #1532
Box 168	Engine # 1529
Box 168	Engine # 1530-#1531
Box 168	Engine # 1532
Box 168	Engine # 1533-#1534
Box 168	Engine # 1535
Box 168	Engine # 1536

Box 168	Engine # 1537-#1538
Box 168	Engine # 1539
Box 169	Engine # 1539
Box 169	Engine # 1540
Box 169	Engine # 1541
Box 169	Engine # 1550
Box 169	Engine # 1551
Box 170	Engine # 1552
Box 170	Engine # 1554
Box 170	Engine # 1556
Box 170	Engine # 1565
Box 170	Engine # 1567
Box 171	Engine # 1568
Box 171	Engine # 1569
Box 171	Engine # 1570
Box 171	Engine # 1573
Box 171	Engine # 1574
Box 171	Engine # 1575
Box 171	Engine # 1576
Box 171	Engine # 1577-#1578
Box 171	Engine # 1579
Box 172	Diesel Engine Notes, Book 1, 1936
Box 172	Diesel Engine Notes, Book 2, 1938
Box 172	Diesel Engine Notes, Book 3

Box 172	Diesel Engine Notes, Book 4, 1940 - 1943
Box 173	Diesel Engine Notes, Book 5, 1942
Box 173	Diesel Engine Notes, Book 6A, 1935 - 1939
Box 173	Diesel Engine Notes, Book 6B, 1941 - 1943
Box 173	Diesel Engine Notes, Book 7
Box 173	Locomotive Instruction Book
Box 173	Diesel Engine Division, drawings and calculations
Box 173	Diesel Engine Division, Maurice Harrop notebook
Box 174	Woodward Type SI Governors, 1934
Box 174	Blueprints (primarily for valve settings)

[Return to Table of Contents](#)

Series 7: Instructions, 1899 - 1941

Valve setting (Type F), [1900?]

Box 63, Folder 1	Valve settings, 1901 - 1903
Box 63, Folder 2	Horizontal cross compound engine, Type C, 1903 - 1903
Box 63, Folder 3	Vertical cross compound engine, Type C, 1901 - 1901
Box 63, Folder 4	Piping for engine CC109-Cc112, 1903 - 1903
Box 63, Folder 5	Valve settings, 1899 - 1901
Box 63, Folder 6	Horizontal tandem compound engine, Type C, 1901 - 1901
Box 63, Folder 7	Piston valve engines, 1905 - 1913
Box 63, Folder 8	Starting and running standard engines, 1902 - 1902
Box 63, Folder 9	Adjustment of valve gear and valve setting for engine #1527, 1911 - 1911
Box 9, Folder 1	Oil engines of heavy stationary type, undated
Box 9, Folder 2	Type S Bulleting 1140; Bosch fuel injection pumps 1141; and Bosch nozzles, 1142, 1931
Box 9, Folder 3	Diesel engines, stationary type, B-33 size, undated
Box 9, Folder 4	Diesel engines, Type B-34 and B-35, undated
Box 9, Folder 5	Diesel engines, Type \$-B-34, undated
Box 9, Folder 6	Diesel engine, undated
Box 9, Folder 7	Diesel engine, Type B-40-24, undated
Box 9, Folder 8	Diesel engines, Type 2-B-27, undated
Box 9, Folder 9	Diesel engines, Type M-6-C-64-60, undated
Box 9, Folder 10	Diesel engines, Type 4-B-34, undated
Box 9, Folder 11	Parts lists, type M-4-D-64-52, undated
Box 9, Folder 12	Diesel engines, Type M-5-D-64-52, undated

Box 9, Folder 13	Valve settings, Type F, horizontal cross compound engines, undated
Box 9, Folder 14	Brown instruments and accessories, 1941
Box 9, Folder 15	Valve settings, Type F (horizontal single cylinder), undated
Box 9, Folder 16	Horizontal single cylinder engines, Type F, undated
Box 9, Folder 17	Erecting instructions CCV, 1901
Box 9, Folder 18	Erecting instructions CCH, 1903
Box 9, Folder 19	Erecting instructions HTC, 1903
Box 9, Folder 20	Erecting instructions, miscellaneous, 1903
Box 9, Folder 21	Horizontal cross compound engine, Type F, undated
Box 9, Folder 22	Results of test for Amoskeag, Manchester, New Hampshire, 1903
Box 9, Folder 23	Type F sizes and dimensions, 1910 - 1912
Box 9, Folder 24	Marine Diesel Engine, undated

[Return to Table of Contents](#)

Series 8: Technical Data, 1901 - 1923

Box 62, Folder 1	Piston rod deflection, 1905 - 1905
Box 62, Folder 2	Thermal efficiencies, 1904
Box 62, Folder 3	Governor stability and weight arm constants, undated
Box 62, Folder 4	Type F Governor data, 1911 - 1914
Box 62, Folder 5	Governor constant data and formulae, 1906
Box 62, Folder 6	Shop specifications, 1929 - 1929, 1923
Box 62, Folder 7	Governor spring data, 1901
Box 62, Folder 8	Governor weight constants (charts), undated
Box 62, Folder 9	Steam velocity and valve parts, undated
Box 62, Folder 10	Stoker lists, [191?]
Box 62, Folder 11	Stoker lists, 1910 - 1911
Box 62, Folder 12	Connecting formulae and figures, 1903
Box 62, Folder 13	Drawing list for 160 HP stoker, 1910
Box 62, Folder 14	Edison Electric Illum. Company of Boston (testing data), 1901
Box 62, Folder 15	Method of figuring stresses in valve gear parts, 1907
Box 62, Folder 16	Data for adjusting tail rod, 1908
Box 62, Folder 17	Specifications for piston valve engines, 1897 - 1915

[Return to Table of Contents](#)

Series 9: Photographs, 1915 - 1915

Scope and Contents: This series contains black and white photographs, copy prints and glass plate negatives depicting, engines manufactured by the company, installation of engines at various sites such as the vegetable Oil Company (#884) or on vessels such as the Motorship Maryland (#926), factory and shop floor views, interior and exterior building views, and some employees. There is a view of the dining room at the Service Building depicting employees dining, presumably lunch hour (#1118-#1120). The photographs are arranged numerically.

Box 66, Folder 1	Scrapbook of photographs (index), 1915 - 1915
Box 2, Folder 2	Scrapbook of photographs, 1915 - 1915
Box 66, Folder 3	Scrapbook of photographs (loose materials), 1915 - 1915
Box 66, Folder 4	Vertical compound engine, undated
Box 66, Folder 4	Vertical triple expansion engine, undated
Box 10, Folder 1	#270 1 Glass negative
Box 10, Folder 2	#271 1 Glass negative
Box 10, Folder 3	#273, undated 1 Glass negative
Box 10, Folder 4	#307, undated 1 Glass negative
Box 10, Folder 5	#328, undated 1 Glass negative
Box 10, Folder 6	#325, undated 1 Glass negative
Box 10, Folder 7	#327, undated 1 Glass negative
Box 10, Folder 8	#329, undated 1 Glass negative
Box 10, Folder 9	#330, undated 1 Glass negative
Box 10, Folder 10	#331, undated 1 Glass negative
Box 10, Folder 11	#333, undated

1 Glass negative

Box 10, Folder 12	#335, undated 1 Glass negative
Box 10, Folder 13	#336, undated 1 Glass negative
Box 10, Folder 14	#338, undated 1 Glass negative
Box 10, Folder 15	#340, undated 1 Glass negative
Box 10, Folder 16	#517, undated 1 Glass negative
Box 10, Folder 17	#156-310, undated
Box 10, Folder 18	#1-#298, undated
Box 11, Folder 1	#314-#498, undated
Box 11, Folder 2	#500-#697, undated
Box 11, Folder 3	#702-#829, undated
Box 11, Folder 4	#791-#841, undated
Box 12, Folder 1	#842-#879, undated
Box 12, Folder 2	#880-#927, undated
Box 12, Folder 3	#928-#992, undated
Box 12, Folder 4	#1009-#1058, undated
Box 12, Folder 5	#1103-#1149, undated
Box 12, Folder 6	#1150-#1210, undated
Box 13, Folder 1	#1219-#1289, undated
Box 13, Folder 2	#1290-#1357, undated
Box 13, Folder 3	#1358-#1399, undated
Box 13, Folder 4	#1400-#1487, undated

Box 13, Folder 5	#1489-#1499, undated
Box 13, Folder 6	#1500-#1540, undated
Box 13, Folder 7	#1541-#1566, undated
Box 13, Folder 1	#1565-#1598, undated
Box 13, Folder 2	#1599-#1631, undated
Box 13, Folder 3	#2137-#2831, undated
Box 13, Folder 4	Miscellaneous, undated
Box 13, Folder 5	Employees, undated
Box 13, Folder 6	Cambridge, Massachusetts Electric Light Company, undated
Box 13, Folder 7	Album of engines, undated
Box 13, Folder 8	Album of engines, undated
Box 13, Folder 9	Seymour, James A. and Kreikle, Hans, undated

[Return to Table of Contents](#)