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NAP

Collection of miscellaneous records of the engineering
company D. Napier & Son

Compiled by Robert Sharp

NAP

Following a suggestion from the president of the Veteran Car Club in 1962, much valuable historical material of D Napier & Son Ltd was donated to the Museum's Transport Department in 1963-64. Additional material was donated when the company was taken over by the General Electric Company in late 1973. This material was transferred to the Archives Collection in 1989.

NAP 1/38 to 1/43 comprises six historical articles on the Napier company while NAP 4/2 includes a review Men and Machines: a history of D Napier & Son, Engineers Ltd 1808-1958 * by C H Wilson & W Reader (1958). Other historical background material is in NAP 5/3 and 5/4.

Contents

1	1902-1958	Advertising and publicity booklets, brochures, press articles etc
2	-	Instruction books
3	1929	Napier Aero Engines (booklet)
4	1955-1959	Periodicals
5	1921-1961	Napier family, personal history
6	1906-1936	Trade advertisements
7	1942-1943	Ministry of Aircraft Production
8	-	Lists of photographs
9	1905-1931	Miscellaneous
10	1933-1947	John Cobb
11	1927-1932	Malcolm Campbell
12	1918	Silk calendar
13	1899-195-	Photographs
14	1922-1930	Testimonials
15	1900-1904	Design notebooks
16	1949-1961	Engineering notebooks

17	1899-1955	Drawings
18	1913-1931	Photograph albums
1	Advertising and publicity booklets, brochures press articles etc.	
1/1	(1907)	Napier
1/2	(1923)	Napier. British built 40/50 HP six cylinder motor carriages (2 copies)
1/3	(1920)	Napier. The Proved Best. Six-cylinder motor carriages (2 copies)
1/4	(1919)	Napier. The Proved Best Car. Six-cylinder motor carriage
1/5	1902	The Motor Power Co. Ltd., 14 Regent St., London. Napier motor carriage for 1902 (2 copies)
1/6	-	(Advertisement for Napier motor oils) (2 copies)
1/7	-	(Specification of) 45 HP six-cylinder Noiseless Napier motor chassis (copy)
1/8	(1914)	20 HP four-cylinder Noiseless Napier extra strong colonial model (2 copies)
1/9	(1920)	Napier. British built six cylinder motor carriages (2 copies)
1/10	(1923)	Napier. British-built six-cylinder motor carriages (2 copies)
1/11	-	The Cunard Cabriolet
1/12	1909-1910	Noiseless Napier Motors. All British (2 copies)
1/13	(1909)	Napier. Britain's Best Motor
1/14	(1909)	Napier. The World's Best Car. 14 Regent St., London
1/15	(1923)	The Napier Book. Being a description of the Napier six-cylinder motor carriage (2 copies)

1/16	-	Why the 40/50 HP six-cylinder Napier is better than any other car in the world. (Folded sheet)
1/17	1923	The Six Cylinder Napier. (Reprinted from <u>The Motor Owner</u> , 2 pp)
1/18	(1923)	What others think of the six cylinder Napier
1/19	(1912-1913)	Napier. Proved Best. Money-making Landulette for Hire Work
1/20	1914	Napier Alpine Souvenir
1/21	(1913?)	Napier. The Proved Best. 40/50 HP six cylinder Napier. (Folded sheet. 2 copies)
1/22	(1914)	What owners say of the Extra strong Colonial Napier
1/23	(1913)	Napier Quality (2 copies)
1/24	(1914)	Napier. Car Equipments and Accessories (2 copies)
1/25	1914	Napier. Works and Productions (2 copies)
1/26	1913 Jul	----- as above ----- (2 folded sheets. 2 copies)
1/27	(1910?)	The Making of a Napier Motor Car (2 copies)
1/28	c. 1919	A Factory Built for Efficiency
1/29	1915	Napier Business Vehicles (for Goods and Passengers)
1/30	c. 1913	Napier Business Vehicles
1/31	c. 1916	Napier 30/45 cwt Business Vehicles (2 copies)
1/32	(1919)	Napier. Two Ton Business Vehicle (2 copies)
1/33	1914 Jul-Aug	Scrap book containing press articles re RAC testing of 20 HP Colonial Napier, driven by J. F. Browning & S. F. Edge, with envelope of positive and negative photocopy of same
1/34	-	The Cunard Book
1/35	(1924)	Quality (Cunard Motor & Carriage Co. Ltd., 135 Lower

Richmond Rd., Putney)

- 1/36 1900 Copy photo of page from official programme of the Automobile Club's 1,000 mile Motor Vehicle Trial, London to Edinburgh and back, 1900 Apr-May (2 copies)
- 1/37 1914 Jun Reprint from The Motor World: The 30-35 HP Napier (2 pp)
- 1/38 1958 Jun Reprint from The Motor: Gordon Bennett to Land Speed Record. Article by D. B. Tubbs celebrating 150 years of the Napier Co. (2 pp)
- 1/39 1958 Jul Article from The Sphere: 150 Years of Precision and Craftmanship (1p)
- 1/40 - Article: The Tryon Story. (Memories of the Napier Co. of H. C. Tryon, recently retired after 50 years with the company. Tryon was Napier's first racing driver. 3 pp)
- 1/41 1944 Jul Copy article from The English Electric Journal vol. 10, no. 9: D. Napier & Son Limited (3pp.)
- 1/42 (1916?) Copy article: D. Napier and Son, Limited (2 Copies. 2 pp)
- 1/43 1958 Jun Reprint from The Aeroplane: A century and a half of power by J. W. R. Taylor (2 copies. 4pp)

2 Instruction Books

- 2/1 - Napier Two-ton Business Vehicle Type B72a (2 copies)
- 2/2 - 30/45 cwt Business Vehicle Type 728 (2 copies)
- 2/3 - 2 and 3 ½ ton Napier Business Vehicles (B59 & B74) (2 copies)
- 2/4 - 3 ½ ton Napier Business Vehicles. Type B74 (2 copies)
- 2/5 (1912) Napier Commercial Vehicles (1 ton)
- 2/6/1 - Napier Instruction Book, 2nd. edition
- 2/6/2 - ----- as above ----- 3rd. edition

- 2/7 - 1 ½ ton Napier Business Vehicles
- 2/8 - 30/35 HP Napier Cars Type 67 (2 copies)
- 2/9 - 16/22 HP Napier Cars Type 64
- 2/10 - 20 HP extra strong colonial Napier Cars Type 70
- 2/11/1 - Napier 40/50 HP Six Cylinder Motor Carriages (86 pp)
- 2/11/2 - ----- as above ----- (135 pp)
- 2/12 - Voitures Napier. Types de 10, 15, 26, 30 HP
- 2/13 - (3 ½ ton Napier Business Vehicle) (In Russian)
- 2/14 - 10, 15, 26, 30, HP models
- 3 c. 1929 Napier Aero Engines. (Booklet)

4 Periodicals

- 4/1/1 1955 Apr The Bulb Horn vol. XVI, no. 2 (includes article on the 1903 Napier-Gordon Bennett Race car engine no. 172 by F. E. H. Johnson) (2 copies)
- 4/1/2 1955 Oct The Bulb Horn vol. XVI, no. 4 (includes article on the 1904 Napier-100 HP engine no. 187 by F. E. H. Johnson)
- 4/2 1959 Feb The Antique Automobile vol. 23, no. 1 (includes review of book Men and Machines; D. Napier and Son; 1808-1958 by C. H. Wilson)
- 4/3 1958-1959 The Bulletin of the Vintage Sports-Car Club no. 61 (includes article on the cars of the Nizam of Hyderabad, including Napiers)

5 Papers relating to the personal history of the Napier family

- 5/1 - Napier family tree (2 ms versions) (1p)
- 5/2 - Particulars of the thirteen children of Robert Napier 1760-1845 (1p typescript) (2 copies)
- 5/3 (c. 1923) Copy article from The Shipping Monthly: How the Napiers Started Shipbuilding, by T. E. E. (2pp)

- 5/4 1921- Correspondence between various parties regarding
1922 production of book on the history of D. Napier & Son (5
letters, 6pp)
- 5/5 1961 Jan Correspondence: D. Napier & Son Ltd. and W. J.
Reader regarding the widow and four children of M. S.
Napier, with letters (3): Alec Woolf & Co., solicitors, to
A. Marshall, the former acting for the widow and
children of M. S. Napier regarding deceased's will.
- 6 1906 Jul- Advertisements: 109 from Autocar, 2 from The Motor,
1936 Sept re Napier cars, engines etc.

7 Ministry of Aircraft Production (M. A. P.)

- 7/1 1942 Jul M. A. P. Public Relations Branch: Photographs (7)
regarding factories' production targets for the month
- 7/2 - Air Ministry Bulletins (4), one dated 1943 Aug
- 7/3/1 - Typhoon Bulletins (4), (one dated 1944 Sept)
- 7/3/2 1943 Apr Typhoon Bulletin copied for issue as Napier Co.'s
announcement to staff, with draft of same
- 7/4 1943 Nov, Royal Air Force 'Commentary' (2) re Typhoon Squadron
(Dec) activities
- 7/5 - Appeal from shop stewards to Napier workers to work
to the 'Crash-Dive' and speed up production of Sabre
engines and parts
- 7/6 1943 Apr Copy telegram: Napiers to RAF bearing
congratulations on its 25th anniversary, with copy reply
- 7/7 1942 Dec Excerpt from Daily Press re Typhoon's activities,
copied for issue as Napier Co.'s announcement to staff
- 7/8 1943 Mar Announcements (2) of the M. A. P. Public Relations
Jun Branch Service copied for issue as Napier Co.'s
announcements to staff

8 Lists of Napier photographs

- 8/1 - Captions to Napier Historical Car photographs, 66 in
total, which were supplied by Autocar (4pp)
- 8/2 - Captions for cars (to 32 photographs) (3pp)

- 8/3 Captions (to 24 photographs) (2pp)
- 8/4 - Captions for cars (to 9 photographs) (1p. 2 copies)
- 8/5 - Key to [57] annotated photographs of Napier Trophies and of Cup and Medals awarded to Napier Ltd. (4pp)
- 8/6 - (Turbo-Blower captions) (to 52 photographs) (7pp)
- 8/7 - (Lion) captions (to photographs numbered L1-46, L71-L224) (15pp); descriptions of ten photographs re Napier record-breaking achievements (1p)

9 Miscellaneous

- 9/1 (1905, 1906) Account of long-distance trial, London via Brighton to Edinburgh, on (1905) Oct 10-12, of a 30 HP 6-cylinder Napier; account of trial run, London to Grantham and back, on 1906 Feb 8 of same car; copy of certificate of the Automobile Club of Great Britain and Ireland relating to trial runs over specified London routes on 1906 Apr 5 of a six-cylinder 40 HP Napier (3 pp)
- 9/2 - Specification of Napier Racing Engine (Series VIIIB)
- 9/3 1931 Oct Specification of Napier Racing Engine (Series VIIC)

10 John Cobb

- 10/1 (1947) The Railton-Mobil-Special: details of Cobb's car challenging World Land Speed Record in August
- 10/2 1947 Article from Autocar: World Record Holder. John Cobb's Land Speed Record Car: a successful and unorthodox design (4 pp)
- 10/3 1942 Sept Pages from The Motor, including articles on Cobb's Napier Railton, and a profile of Montague Napier 1870-1931 (4 pp)
- 10/4 (1947) Particulars of John Cobb's Napier Railton car (1 p typescript)
- 10/5 Photographs (18, some duplicates) of Cobb racing at Brooklands, Bonneville Salt Flats, Utah etc. including four of Lion VIIIB engine prior to fitting to Cobb's car

11 Malcolm Campbell

- 11/1 (c. 1927-
c. 1932) Photographs (94, some duplicates) of Campbell at Pendine Sands, Wales in 1927 (Bluebird I, Lion Srs. VI); in South Africa in 1929 (Arrol-Aster-built Napier-Campbell); at Daytona Beach, Florida in 1928 (Lion Srs. VIIA) and 1931/32 Bluebird II & III); with the Napier-Campbell (Bluebird III powered by Lion Srs. VIID engine); also miscellaneous, including Campbell with wife and son, Donald; with Charlie Chaplin; with Frank Lockhart at Daytona; the Miss Britain III speedboat; the Sunbeam Silver Bullet and the Triplex Racer at Daytona etc.
- 11/2 1928 Feb Illustration from supplement to The Motor: artist's (Bryan de Grineau) impression of 'Blue Bird', the car to attack Segrave's land speed record
- 11/3 1928 Artwork re Bluebird, Napier-Campbell car (Lion VIIA) which gained world land speed record
- 12 1918 Apr-
Sept Silk calendar with bar support and weight, bearing colour illustration of a Napier six-cylinder motor carriage with (York Minster) in background

13 Photographs

- 13/1 1899 Twin cylinder 8 HP Panhard car, Charles Jarratt at wheel with S. F. Edge (2 copies)
- 13/2 1900 8 HP Napier which completed RAC 1000 mile tour. Owner's wife, Mrs Kennard, at wheel (2 copies)
- 13/3 1900 First Napier 4-cylinder car (2 copies)
- 13/4 1900 First Napier 16 HP 4-cylinder car, Col. Mark Mayhew at wheel with Han. C. S. Rolls
- 13/5 1901 Gordon Bennett Cup car (Paris-Bordeaux), 50 HP 4 cyl. 16 litre Napier. S. F. Edge & Blackburn (2 copies)
- 13/6 1901 50 HP Gordon Bennett Napier. Paris-Bordeaux, Paris-Berlin; 16 litre 4 cyl.
- 13/7 1902 Gordon Bennett Cup winner. S. F. Edge at wheel with Montague Napier. (2 copies)
- 13/8 1902 40 HP Napier car built for Gordon Bennett race (2

		copies)
13/9	1902	Paris-Vienna race. (S. F. Edge?) (2 copies)
13/10	1902	12 HP 4 cyl. Napier. At wheel (Charles) Jarrott with Montague S. Napier
13/11	1902	Napier bus built for Scarborough & District Motor Vehicle Co.
13/12	1903	Napier Racer, entry for Gordon Bennett trial (2 copies)
13/13	1904	Mr M(ark) Mayhew in 100 HP Napier at Nice (2 copies)
13/14	1905 Jul	Miss Dorothy Levitt, first Englishwoman to drive a racing car, at wheel of 100 HP Napier racer, at Blackpool Race Meeting (2 copies)
13/15	1906	Press party watching boat race from deck of Napier 'Major'
13/16	1907 Jun	Team of 60 HP Napier cars at start of 24 hour run at Brooklands
13/17	1907 Jul	Byfleet Plate, Brooklands track (2 copies)
13/18	1908 Oct	W. Watson at wheel of Hutton car no. 2 / endorsement by Watson of Vacuum Oil Co.'s product
13/19	(1908)	W. Watson, driving S. F. Edge's car, winning the 'four-inch' race etc.
13/20	(1908)	(W.) Watson in the winning Hutton
13/21	(1908)	The winning Hutton rounding hairpin bend out of Ramsey
13/22	1908 Jun	F. Newton on 90 HP Napier; 102 mph at Salt-burn Sands (2 copies)
13/23	1908	The Grand Prix Napier racer, side view
13/24	1908	-----as above----- rear view (2 copies)
13/25	1909	40 HP Napier Colonial type car which took part in military manoeuvres
13/26	1912 Dec	Visit of H. M. King George V (to Napier & Son Ltd.)

/1		Passing Guard of Honour of St. John's Ambulance Brigade
/2		Passing Works' fire brigade
/3		In aeroplane assembly shop
/4		H. M. The King, Mr Harry Vane (managing director) and Mr Bull-Hall leaving the Machine Shop to enter engine-testing dept.
/5		H. M. The King talking to Cpl. Jarvis (first NCO to be awarded V.C. in WW1)
13/27	1913 Jun	Napier car beside the Char Minar building, Hyderabad (2 copies)
13/28	1914	Red ambulance constructed to carry 6 stretchers on a 16-22 HP Napier chassis
13/29	c. 1916	Napier lorry being tested by Russian delegation during WW1
13/30	c. 1916	Two Napier cars in mountains near frontier between Austria & Italy
13/31	-	W. London Division, St. John's Ambulance Brigade with Napier van placed at their disposal by Napier & Son Ltd.
13/32	-	Convoy of Napier ambulances being tested on rough ground. They had seen active service in Flanders
13/33		Napier ambulance, on active service in Palestine
13/34	-	Napier 30-45 cwt lorry in use in German E. Africa as a rail engine drawing a hospital train
13/35	-	Batch of RAF 38 12 cyl water-cooled engines for the RNAS & RFC ready for despatch from Napier factory
13/36	-	65 HP 6 cyl Napier car at Moscow Aeronautical Exhibition (2 copies)
13/37	1921	40/50 Napier
13/38	-	-----“-----

- 13/39 1924 Last production Napier car 6 cyl 40/50 HP
- 13/40 1927 Jun Royal visit to Australia
- /1 Gp. Capt. H. R. H. Duke of York inspecting Supermarine-Napier 'Seagulls' 1 at Point Cook
- /2 ----- as above -----
- 13/41 1929 Nov Unveiling of memorial erected to memory of Fl. Lt. Kirkhead at Jeppe High School, Johannesburg
- 13/42/1 1956 Display board shewing highlights in the history of the Napier Co. between 1808 and 1934
- 13/42/2 1956 ----- as above ----- between 1935 and 1956
- 13/43 1957 3 photos of the 1903 Gordon Bennett Napier at a meeting in USA with copies of two
- 13/44 (195-) Mr. C. F. Uwins etc.
- 13/45 (195-) Sir Alec Cory ton (Divisional Managing Director, Bristol Engine Division); Dr. S .G. Hooker (Bristol Director & Chief Engineer, Engine Division)
- 13/46 1908 T. T. -winning 4 inch Hutton-Napier as seen, restored, at the second Anglo-American vintage car rally (2 copies)

Undated, captioned photographs

- 13/47 F. Newton in 90 HP Napier (2 copies)
- 13/48 Interior of 40 HP 6 cyl. Napier
- 13/49 15 HP Napier light van fitted with coal gas equipment
- 13/50 18-30 HP 6 cyl. Napier, owner's wife, Mrs. Kennard, at wheel
- 13/51 60 HP Napier at Cabot Tower, Signal Hill, Newfoundland (2 copies)
- 13/52 Staff outing in a Napier coach, pictured at D. Napier & Son Ltd., No. 14 Burlington St.

13/53		A. E. MacDonald in 100 HP Napier (2 copies)
13/54		Clifford Earp in Napier car, racing in France (2 copies)
13/55		45 HP 6 cyl. Napier converted in Brisbane into a railway passenger car
13/56		D. Napier & Son premises, Vine St., Lambeth to which company moved in 18308 (2 copies)
13/57		{Napier's Liverpool Office - showroom?}
13/58		H. M. King George V inspecting the Cubaroo with cub engine
13/59		{Gen. de Gaulle?}
13/60		20 undated, uncaptioned photographs of early Napier cars (some racing) and engines
13/61	c. 1928- c. 1933	14 American photos of cars including Hispano-Su1za, Packard, Graham-Paige, Chrysler, Mercedes, Dusenberg, Isotta, Pierce Arrow, Cadillac, Renault
14	1922 Jun- 1930 Apr	A Few Opinions of the Napier 40/50 HP six cylinder motor carriage. (Bound volume containing testimonials to Napier cars)
15/1	1900 Dec-?	Design notebook (of A. J. Rowledge, chief draughtsman, Napier & Son) <u>with</u> inserts
15/2	1902 (Aug)- 1904 Jun	----- as above -----
16		{Loose-leaf notebooks}
16/1	c.1949 Mar - c.1960 Nov	I Engineering Notes, L. J. Dennis. Compressor Design
16/2	c.1951 Dec - 1952 Dec	II Engineering Notes, L. J. Dennis.
16/3	c.1953 Jan - 1960 Nov	III Engineering Notes, L. J. Dennis. Turbine Design

16/4 1957 Feb – (L. J. Dennis. Turbine Design)
1961 Nov

17 Drawings (on oiled linen paper)

17/1 1900 Feb 8 HP car bonnet 1:2

17/2 1900 Feb 16 HP car. Driving wheel hub and cap 1:1

17/3 1900 Apr 8 HP car bonnet 1:2

17/4 1900 May -----as above-----

17/5 1900 Sept -----as above-----

17/6 1901 Feb 1007: Brake drum on driving wheels (1:1)

17/7 1901 Feb 1009: Five 50 HP components (1:1)

17/8 1901 Mar 1018: 50 HP right and left hand differential gearbox (1:1)

17/8a 1901 Mar 1035: 50 HP back wheel brake (1:1)

17/9 1900 Sept 1042: B HP crankshaft 1800 (1:1)

17/10 1900 Dec 1044: untitled (1:1)

17/11 1901 Apr 1066: Reversing gear for 8 & 16 HP cars 1:1

17/12 1900 Sept 1067: General arrangement of 8 HP frame for cars nos. 85 to 90 with 2 paper copies 1:4

17/13 1901 May 1070: V piece and governor throttle for 50 HP engine 1:1

17/14 1901 May T1071: 8 HP bonnet (J59 only) 1:2

17/15 1901 Apr 1072: 8 & 16 HP counter shaft bevel pinion X28 (1:1)

17/16 1901 Apr 1073: 8 & 16 HP square-shaft sliding sleeves X22 (1:1)

17/17 - 1074: 8 & 16 HP differential gear box Z41 (with flange) (1:1)

17/18 1901 May 1075: ----- as above ----- Z42 (with flange) (1:1)

17/19	1901 May	1076: 8 & 16 HP cylinder liner X61 (1:1)
17/20	1901 May	1077: 8 & 16 HP clutch cone X78 (1:1)
17/21	1901 May	1078: 8 & 16 HP flywheel X9 (1:1)
17/22	1901 May	1079: 8 HP sprocket-shaft X80 (1:1)
17/23	1901 May	1080: 8 & 16 HP square-shaft X26 (1:1)
17/24	1901 May	1081: 8 & 16 HP cross-shaft bevel wheel X23 (1:1)
17/25	1901 Apr	1082: 8 & 16 HP extended gear box X79 & X84 (1:1)
17/26	1901 Apr	1083: H7D counter shaft. Standard (1:1)
17/27	1901 May	1084: 8 & 16 HP change gear wheels (1:1)
17/28	1901 May	1085: 8 & 16 HP governor details (1:1)
17/29	1901 May	1087: 8 & 16 HP differential bevel wheel X24 (1:1)
17/30	1901 May	1088: 8 HP road wheels (1:4)
17/31	1901 Nov	1089/3: Ai type gear box; alterations to patterns XB1, X83 1:2
17/32	1901 Jun	1089: Gear box 1:2
17/33	1901 Jun	T1092: 8 & 16 HP carburettor 1:1
17/34	1901 Jun	1094: Components of 8 HP gear box (1:1)
17/35	1901 Jun	1095: 8 HP bonnet 1:2
17/36	1901 Jun	T1097: Chain wheel 1:2
17/37	1901 Jul	1099: 8 & 16 HP reversing gear 1:1
17/38	1901 Jul	1100: Steering gear detail 1:1
17/39	-	1101: ----- as above -----
17/40	1901 Jul	1103: Change gear bracket and detail 1:1
17/41	1901 Jul	1104: Cross-shaft brake (1:1)

17/42	1901 Jul	1105: General arrangement of 9 HP car 1:4
17/43	1901 Jul	1106: Frame for 9 HP car <u>with</u> 2 paper copies 1:4
17/44	1901 Aug	1107: Clutch and change gear detail 1:1
17/45	1901 Jul	1108: 8 & 16 HP driving wheel, chain wheel "I (1: 1)
17/46	1901 Jul	1109: Driving wheel brakes (1:2 & 1:3)
17/47	1900 Feb	1110: Right and left hand sprocket brackets 1:1
17/48	1901 Jul	1111: Sprocket 8 HP car. Standard 1:1
17/49	1901 Jul	1112: star for differential gear 1:1
17/50	1901 Jul	1113: Differential gear pinion 1:1
17/51	1901 Aug	1114: Pedal gear detail and inside, change gear bracket 1:2
17/52	1901 Aug	1115: Radius rod and sprag 1:1
17/53	1901 Aug	1116: Water tank and silencers for 9 HP cars 1:4
17/54	1901 Aug	1118: 45111m front axle (1:4)
17/55	1901 Aug	1119: 47mm back axle (1:4)
17/56	1901 Aug	T1120: 8 & 16 HP carburettor 1:1
17/57	1901 Aug	PT1120: Alterations to pattern X86 (1:1)
17/58	1901 Aug	1122: Support avant du ressort avant. Support arriere de ressort avant (1:1)
17/59	-	1124: Water circulating pump 1:1
17/60	1901 Aug	11125: 40ml11 front axle (1:4)
17/61	1901 Sept	T1126: 8 HP bonnet (1:2)
17/62	1901 Sept	1127: 8 HP crankshaft 1800 1:1
17/63	1901 Sept	1129: Forgings for A1 type gear box 1:2
17/64	1901 Sept	1131: Machining for 1900 type gear box 1:2

17/65	-	PT1132: Untitled (1:1)
17/66	1901 Sept	11132: Change gear and brake handle details (1:1)
17/67	1901 Oct	T1135: 40mm and 45 mm axle (1:8)
17/68	1901 Dec	1152: Piston, connecting rod, flywheel, 3 ½" x 4" motor 1:1
17/69	1901 Dec	1153: Crank shaft pattern no. 116; connecting rod pattern no. 117 (1:1)
17/70	1901 Feb	1154: 3 ½" x 4" motor; exhaust valve details and cam shaft gear 1:1
17/71	1901 Dec	1155: 3 ½" x 4" motor; crankshaft 1:1
17/72	1902 Mar	1156: D45, admission bridge and stud 1:1
17/73	1902 Mar	1157: 045, steering gear detail 1:1
17/74	1901 Nov	1161: Back spring front support; back spring back support 1:1
17/75	1901 Nov	1162: Front spring front support; front spring back support 1:1
17/76	1901 Dec	T1166: Coach builder's tracing for 8 HP and light 16 HP cars (1:4)
17/77	1901 Dec	1168: Back spring front support; back spring back support 1:1
17/78	1901 Dec	1169: Chain wheel 1:2
17/79	-	T1170: Front spring front support; front spring back support 1:1
17/80	1902 May	1171: D50 car, general arrangement (1903 Gordon Bennett 50 HP) 1:4
17/80a	1902 Jan	1180: D50 car; bevels for live axle 1:1
17/81	1902 Jan	1207: Navigable balloon 1:48
17/82/1	1902 Apr	1272: Proposed arrangement of 50 HP motor and reversing gear for yacht 1:12

17/82/2	1911 May	1272: ----- as above -----
17/83	1902 Apr	1281: 5 ton lorry, general arrangement 1:8
17/84	1899 Nov	1320: 8 HP Napier motor 1:4
17/85	1900 Nov	1321: 8 & 16 HP cars; cross shaft brake drum 1:1
17/86	1900 Jan	1322: 8 HP car; sprocket cross shaft 1:1
17/87	-	1323: General arrangement of Napier's 8 HP motor 1:4
17/88	1901 Aug	1328: Light coin rejector 1:4
17/89	1900 Oct	1330: 8 HP, 1800 crankshaft 1:1
17/90	1900 Oct	1332: 8 & 16 HP change gear sliding sleeve 1:1
17/91	1902 May	1351: Alterations to 8 HP motor 1:1
17/92	1902 May	1352: Alterations to 8 HP 1:1
17/93	1902 Jul	1378: Bonnet for D45 car 1:4
17/94	1902 Aug	1407: 16 HP car, motor bonnet 1:4
17/95	1902 Oct	1438: General arrangement of motor railway carriage for North Eastern Railway Co. (1:12)
17/96	1902 Nov	1441: Diagram giving principal dimensions of Napier cars (1:8)
17/97	1903 Jun	1533: M41 motor; general arrangement 1:2
17/98	1903 Jun	1544: K5 motor; revised general arrangement of mechanically operated inlet valves
17/99	1903 Aug	1594: Diagram giving principal dimensions of 12 HP cars (1:8)
17/100	1903 Dec	1599: K5 type motor; outline arrangement 1: 4
17/101	1903 Sept	1620: Marine H70 type motor; general arrangement 1: 4
17/102	1903 Oct	1673: General arrangement of launch motors and reverse gears; motor K5 type, Rev Gear 0.4 type 1:4

17/103	1905 Mar	1707: H70 type, longitudinal and transverse section of engine 1:2
17/104	1904 Jan	1741: J40 type motor, general arrangement 1:2
17/105	1904 Feb	1755: D45 type motor 1:1
17/106	1904 Feb	1759: ---- as above ----
17/107	1904 Feb	1768: D45 type chassis, general arrangement 1: 4
17/108	1904 Mar	1789: H70 B type motor, general arrangement of pipes etc. 1:2
17/109	1904 May	1834: Proposed petrol brougham 1:4
17/110	1904 May	1856: L48 car radiator – ‘Samson’ 1:4
17/111	1900 Sept/ 1904 Jun	1886: J40 type, cross section of motor 1:1
17/112	-	2015: Plan of works, Acton (1:360)
17/113	1904 Oct	2124: Proposed general arrangement of A53 marine motor 1:12
17/114	1904 Nov	2247: General arrangement of H70 marine motor with C3 reversing gear 1:4
17/115	1905 Mar	2293: L49 dynamometer; general arrangement (1:12)
17/116	1905 Jan	2400: L49 motor; outline arrangement 1:4
17/117	1905 Jan	2409: 050 motor; general arrangement 1:4
17/118	1905 Jan	2417: A53 marine motor; general arrangement 1:5
17/119	1905 Jan	2436: A53 marine motor; arrangement of tanks, pipes etc. 1:12
17/120	1905 Feb	2458: D45 motor; general arrangement 1:4
17/121	1905 Feb	2459: D45 marine motor; general arrangement 1:4
17/122	1905 Feb	2484: D51 car; general arrangement (front part) 1: 4

17/123	1905 Apr	2505: H8 chassis; general arrangement 1:4
17/124	1908 Mar	2538: Proposed petrol bus; general arrangement 1:10
17/125	1908 Mar	2577: A53 motor boat; general arrangement 1: 12
17/126	1905 Mar	2616: Plan of the works at Acton (1:240)
17/127	1905 Apr	2808: L4 motor; general arrangement 1:2
17/128	1905 Apr	2827: A53 motor; general arrangement 1:2
17/129	1905 Apr	2837: L50B motor; general arrangement 1:2
17/130	1905 May	2857: D51 motor; general arrangement 1:2
17/131	1905 May	2878: K5 motor; general arrangement 1:2
17/132	1905 Jun	2910: L48 motor; general arrangement 1:2
17/133	1905 Jun	3036: A53; general arrangement of motor launch for'd (1:4)
17/134	1905 Jun	3037: A53; general arrangement of motor launch aft 1:4
17/135	1908 Aug	3146: A53 marine; arrangement of carburettor 1: 4
17/136	1905 Oct	3320: H4 motor; general arrangement 1:2
17/137	1905 Oct	3321: ----- as above -----
17/138	1905 Nov	3453: L5D chassis; general arrangement of front half 1:4
17/139	1905 Dec	3467: Arrangement of boat showing D50 motor and reverse gear 1:10
17/140	1905 Dec	3492: 052 chassis; general arrangement of front half 1:4
17/141	1905 Dec	3506: D52 motor; general arrangement 1:2
17/142	1905 Dec	3513: Arrangement of boat showing H70 and reverse gear 1:10
17/143	1905 Dec	3538: L5D motor; general arrangement 1:2

17/144	1906 Jan	3563: L50A chassis; general arrangement of front half 1:4
17/145	-	3896: T21 <u>with</u> 2 paper copies 1: 4
17/146	1906 Jul	4027: General arrangement of chassis, bus type B2 1:4
17/147	1906 Sept	4034: E3; general arrangement
17/148	1906 Jul	4035: E3; ----- as above ----- sheet 2 1:2
17/149	1906 Sept	4159: M1; general arrangement 1:4
17/150	1906 Oct	4182: E1 (1:1)
17/151	1906 Dec	4333: D45 motor; automatic inlet valve
17/152	1907 Jan	4353: Plan of the works at Acton
17/153	1907 Feb	4443: Diagrammatic drawing of motor lubrication system
17/154	1910 Apr	4701: E4; general arrangement
17/155	1907 Dec	5076: Proposed 8 HP cab chassis
17/156	1908 Mar	5492: Untitled (side elevation of car)
17/157	1908 Mar	5493: ----- as above -----
17/158	1908 Mar	5512: ----- as above -----
17/159	1908 Apr / 1915 Nov	5528: Radiator; job no. R228-R25 (1:2)
17/160	1908 Apr	5531: Untitled (side elevation of two cars)
17/161	1908 Apr	5542: ----- as above -----
17/162	1908 May	5622: T23; general arrangement <u>with</u> 2 paper copies
17/163	1915 Oct	6672: E14; arrangement of engine
17/164	1909 Sept	6753: T23 & T24; oiling and greasing diagram with 2 paper copies

17/165	1909 Oct	6784: 131B; general arrangement (1:4)
17/166	1915 Feb	7674: 140 chassis; general arrangement
17/167	1911 Jan	7802: untitled [sleeve valve engine; end view]
17/168	1911 Jan	7803: untitled [as above]
17/169	1911 Jun	8154: T3B; general arrangement (1:4)
17/170	1913 Aug	8426: 144 chassis; general arrangement
17/171	1913 Apr	8475: T36 (1:4)
17/171a	1914 Oct	9789: General arrangement of 167 chassis
17/172	1909 Jun	CB1: Proposed new type body for T28A type chassis 1:4
17/173	1909 Jun	CB2: Proposed new type body for T31 type chassis 1: 4
17/174	1910 May	CB11A: 1three quarter landaulette to suit T31D chassis 1:8
17/175	1910 May	CB11: ----- as above -----
17/176	1910 Apr	CB13: Four seater torpedo body for T31 chassis 1:8
17/177	1910 Apr	CB14: Side entrance, 5-seater body for T26/T36 chassis 1:8
17/178	1910 May	CB15: Limousine to suit T31D chassis 1:8
17/179	1910 May	CB16: Cab landaulette for T31B chassis 1:8
17/180	1910 Aug	CB17: Torpedo limousine to suit T31 chassis 1:8
17/181	1910 Oct	CB21: T37 chassis with torpedo body (1:5)
17/182	1910 Nov	CB22: Landaulette for T31 chassis and T39 1:8
17/183	1910 Nov	CB26: Modified 4-seater torpedo body for T39 chassis, also suitable for T31 1:8
17/184	1910 Dec	CB29: Flush-sided, 5-seater open touring body for T42 chassis 1:8

17/185	1911 Jan	CB30: Semi torpedo, 5-seater body to suit T40 chassis 1:13
17/186	1911 Jul	CB31: Torpedo body for 137 chassis 1:8
17/187	1911 Aug	CB33: 4-seater, torpedo body to suit T40, T42, 146 and T47 chassis 1:8
17/188	17/189	CB34: Landaulette for 140, T42, T46 and T47 chassis 1:8
17/189	1911 Oct	C836: Cab landaulette for T38, T41 and T45 1:8
17/190	1912 Jan	CB41: Body for proposed 1 ton van 1:8
17/191	1912 Feb	CB46: 4-sester torpedo body to suit T46 and T54 chassis 1:8
17/192	1912 Apr	CB51A: Torpedo landaulette for T54 chassis 1:8
17/193	1912 Apr	CB53: Advertisement and delivery van on T45 chassis (on oiled tracing paper)
17/194	1912 May	CB55: Ambulance body on B56 1 ton chassis (1:8)
17/195	1914 Jan	CB77: ¾ landaulette on T64 16 HP chassis, batch Z315 1:8
17/196	1904 Feb	440: General arrangement of motor and reverse gear in 35 ft launch; motor K5 type, rev. gear 0.4 type 1:4
17/197	1904 Mar	441: 40 ft racing launch, arrangement of machinery; motor K5 type, rev. gear 0.4 type 1:4
17/198	1904 Mar	442: ----- as above -----
17/199	1904 Mar	443: ----- as above -----
17/200	1904 Mar	447: ----- as above -----
17/201	1904 May	448: ----- as above -----
17/202	-	- ----- as above -----
17/203	1905 Jul	41 : Proposed petrol bus; general arrangement 1: 8
17/204	1905 Jun	42: Proposed petrol bus; general arrangement

17/205	1913 Dec	23200: General arrangement; B59 2 ton chassis (1:4)
17/206	1913 Dec	23201: ----- as above -----
17/207	-	23160: General arrangement; B59 1:4
17/208	1912 Nov	23161: ----- as above -----
17/209	1909 Sept	Part no. 8840: Rear road wheel (1:1)
17/210	1906 Sept	Plan of works at Acton
17/211	1955 Apr	P.E.6783/2: Engineering & Marine Exhibition, Olympia Layout exhibition stand (2 paper dyeline copies) 1:24
17/212	1955 Jul	P.E.7146: ----- as above ----- Casing and stand for Deltic working model (dyeline on paper) 1:12 & 1:2
17/213	-	P.E.7149/1: ----- as above ----- Stand (dyeline on paper) 1:24 & 1:2
17/214	1955 Jul	P.E.7iB0: ----- as above -----Stand for MS/HP 90 turbo blower (dyeline on paper) 1:4 & 1:1

18 Photograph albums

18/1 [c. 1921-23] Volume A
(175pp)

Page numbers Description

1-10	Saloon cars
11-12	Lion engine
13- 29	Various saloon cars &: open tourers
30	DH 29 Doncaster 12 seater cantilever monoplane built by De Havilland for the Air Ministry Dept. of Research, fitted with 450 Hp Napier Lion engine 1922.

31-36	Various cars all the car photos have been taken against various backgrounds of locations in London.
37	Cars on exhibition stand at Olympia
38-39	Saloon car interior
40	Car interior showing a very elaborate design and luxurious upholstery.
41	Cars
42- 43	Officials, unnamed, visiting Action Works.
44	Comparison of size & power with a Cub engine alongside a railway locomotive.
45	Cub engine
46	Lion engine
47	Two Napier cars on display in the Voss Galleries in Liverpool.
48-54	Saloon cars
55	Supermarine Sea lion II winner of the 1922 Schneider Trophy air race. Inset, Capt. Henri Biard, the Pilot.
56	Cars
57	6 cyl. engine and chassis with close up side view of 6 cyl engine and radiator.
58-60	Saloon cars
61	Mr. Henry Vane, Director since 1913. Became Chairman on the death of Montague Napier in Jan. 1931.
65	Cars on exhibition stand at Olympia.
66	Lion engine parts & drawing of engine. Cross section and performance curves.
67	Super marine Seagull, Napier Lion engine Bi-

- plane, seaplane with 4 blade prop on a visit to Japan
- 68 Cars
- 69-71 Avro Aldershot Bi-plane with 1,000 HP Napier Cub engine, was a large single engine bomber built for Air Ministry. This was the highest powered single engine plane in the world (Janes 1923).
- 72-73 Cars
- 74 De Havilland DH34 single Lion engine 450 BHP cabin plane for Daimler Hire Co. 1922, Mark G-EBBQ.
- 75-76 DH 29 Doncaster also Vickers 59 Viking III with Lion 450 BHP engine. Built for and won the Air Ministry Amphibious Competition 1920. Mark G-EAUK.
Bristol ten seater cabin type 62, with Lion engine built 1921, G-EAWY.
- 77 Oriental visitors to Napier Works, Acton.
- 78 Avro Aldershot plane.
- 79-80 Sir G. Salmond talking to the pilot, Bert Hinkler in the cockpit of the Aldershot.
- 81 Boulton Paul P8 Atlantic with Napier Lion engine. Gloster Mars, Bamel I with 450 HP Lion engine, won the 1921 Aerial Derby, and the 1922 & 1923 Aerial Derby, G-EAXZ. Held the British speed record until 1925. Westland Limousine III with Napier Lion engine for the 1920 Air Ministry Commercial Plane Competition.
- 82 Supermarine Seagull & Seaking seaplanes.
- 83-84 Oriental visitors in Napier Works.
- 85 Fairey III a prototype F 128 amphibious craft, Napier Lion engine 450 HP for the 1919 Schneider Race and the 1920 Air Ministry Amphibious Competition, Capt. H. Biard.
- 86 Vickers Viking III seaplane with Napier engine on

- the Thames in front of Houses of Parliament.
Blackburn Swift with Napier Lion.
- 87 Fokker Amphibian FV II with Napier Lion engine.
Napier lorry with tip-up body raised by screw
thread to discharge load.
- 88 Fairey type 3 with Napier Lion, De Havilland DH 34
with Lion engine.
- 89 View of fitting shop & machine shop.
- 90-91 Machine shops at Acton.
- 92-93 Engine test beds - Foundry - back axle test bed.
- 94 Car showroom 14 Regent Street. Blackburn
"Blackburn" fleet spotter with Napier Lion
designed to operate from the deck of aircraft
carrier ship for reconnaissance.
- 95 Overhead view of tourer car with floor removed
showing transmission.
- 96 View of engine chassis and drive.
- 97 Lioness engine, old type unsupercharged.
- 98 Bristol 10 seater cabin type 62 Mark G-EAWY
- 99 Cars
- 100-101 Posed portraits of two very smart well-dressed
young men, later identified as Messrs. Cotton and
Townsend, see Vol. D page 107.
- 102 Vickers Viking III, G-EAUK, see page 75
De Havilland DH 18A In stone airline, named 'City
of Cardiff'
G-EARO Napier Lion engine.
- 102 De Havilland DH 341n stone air line. 'City of New
York' Napier Lion G-EBBT
- 103 De Havilland DH 184 In stone air line. 'City of
Paris' for London-Paris route. Handley Page W8
with two Napier Lion 450 HP engines, 15
passengers. G-EAPJ. Used in Handley Page

	service London-Paris. Westland limousine III Instone air line G-EAWF.
104-105	Various photos of the above early passenger aircraft.
106	Gloster Bamel, see also page 81
107	Avro Aldershot plane, Napier Cub engine.
108-112	Napier cars in various foreign locations.
113	Photo of another young man in same setting as pages 61 and 101.
114-117	Saloon cars with owners and with butler and chauffeur in attendance.
118	Saloon interior with luxury upholstery with wash basin and water carrier and two fans for cooling.
120-132	Photos of the parts that make up the 6 cyl engine, chassis and gear box.
133	Mr. Vane M.D. with Gordon Bennet Trophy. Close up view of Gloster Bamel.
134	Some official person on a visit to the Acton Factory, with Mr. Vane.
135-136	Vickers Viking IV with Napier Lion.
136-137	Same official in Napier Works.
138-139	Various small photos of the Napier engined passenger aircraft as previous, one photo shows three persons holding hands in line pulling on the propeller blade to start the Lion engine in the Gloster Bamel.
140	Various of the same, also one small photo with 3 Napier engine planes and the airship R33 in the background and another on page 143.
143-144	The same.
146	Small photo of Mitsubishi tri-plane on eastern

- airfield - no reason given.
- 147 Various photos of Napier cars mixed in with photos of aircraft.
- 148 Napier coupe car with hood down.
- 149 Napier lorry, 2 photos Cub engine.
- 150 Napier cars and Cub engine.
- 151 Composite photo showing comparative size and weight of Cub engine compared to other engines, steam, electric and diesel, 1923.
- 152-153 Open tourer car and showing hood fitted up.
- 154-155 9 photos showing Napier car with two other types lined up under inspection by Edward Prince of Wales (Edward VIII) at St. James Palace.
- 156-157 6 large photos of the same three display cars in Little St. James's St., probably after the Royal inspection.
- 158 Vickers Vernon with two Napier Lions.
- 159 Lion engine parts.
- 160 Parnall Possum plane with single Lion engine, driving two propellers through shafts and gearboxes.
- 161-163 Open tourer car in Devonshire scenes.
- 164-166 Napier cars.
- 167 Parnall Puffin amphibious plane with Napier Lion engine.
- 168 Vickers Vanguard, Vickers Vernon and Handley Page Hanley. All Lion engines.
- 169 Cars.
- 170 Westland Walrus with Lion engine.
Supermarine Seagull with Lion engine.

- 171 Blackburn 'Dart' Napier Lion.
Armstrong Whitworth 'Awana' 2 Lion engines.
Boulton Paul 'Bourges' flying upside down.
- 172-173 Napier cars.
- 174-175 8 photos of De Havilland DH9C with Napier Lion engine. Features comedian George Robey and his son with their ladies, informally christening the plane 'Eileen' with champagne. Also in the pictures is Alan Cobham and Geoffrey De Havilland.

18/2

[c. 1923-27]

Volume B

(290 pp plus many smaller pages of photos within and at rear)

- 1 Larger photos of George Robey and Alan Cobham christening the plane Eileen.
- 2-3 Boulton Paul Bodmin bi-plane with two Napier Lions each with 2 blade propeller and 4- blade pusher prop.
- 4 Supermarine Sealion with Lion engine.
- 5-6 Supermarine Seagull with Lion engine.
- 7-9 Blackburn Swift fitted with aerial Torpedo, flying and firing the Torpedo.
- 10-12 Schneider Cup Race at Cowes 1923 with Napier Sea Lion II.
- 13-15 Views in Acton Works, Lion fitting shop and test house.
- 16 Vickers 'Vulcan' with Napier Lion.
- 17 Fokker DX III fighter plane with Napier Lion, no guns are visible.
- 18 Vickers Viking amphibious plane with Napier Lion at Exhibition in Holland. Shows two open cockpits and two machine guns fore and aft each mounted over an open cockpit.

19-20	Lioness engine
21	Supercharged Lion engine. Also Sir Samuel Instone owner of Instone Airlines with Pilot F. Barnard.
22-24	Many views of Napier process workshops involved with the Lion engine.
25-27	Napier Fokker two seat fighter Scout piloted by Ballod. Broke World's height record, 21,500 feet with load of 1100 lbs. Vickers Vixen plane.
28	View in Workshop.
29	Some pages are broken up and not in order. Many photos of Sq. Ldr. McLaren's Round The World Flight from Calshot, Southampton 1924. They were officially seen off on the flight by The, Minister for Air, Lord Thomson and Sir W. Branker, both were to die in the R101 Airship disaster on 5th October 1930.
30	Lion engines.
37	Fokker T HI bomber with Napier Lion.
38	English Electric 'Kingston' Flying Boat with two Napier Lion engines.
39	Napier Cub engine.
42	Napier Lioness Engine.
46-47	Prince of Wales' visit to Super marine Works.
48-52	Southampton Show 'Swan' Flying Boat with two Napier Lions.
53-56	Fokker Planes C IV with Napier Lion engine made for South America, Buenos Aires marked on the planes.
62-72	Blackburn 'Cubaroo' with Napier 1000 HP Cub engine.
73-76	Lion engine and Lioness Supercharged.

77-104	Lion engine parts.
105	Vickers 'Victoria' with 2 Napier Lions.
106-108	Lion engine parts.
109-110	Lion engines.
111-116	Lion engine parts.
117	Vickers 'Victoria'.
118-121	Napier Cub engine parts.
122-123	Lion engine with Supercharger 1925.
124-125	Air Marshall Sir John Salmond's visit to Napier Works, February 1925.
126-130	Blackburn Dart trainer aircraft, Lion engine.
131-140	Various photos of Anthony Fokker the Dutch designer demonstrating his 10 seater F VII high wing monoplane with Napier Lion engine designed to prevent stalling also is self righting to add to the safety of flying.
141	Lion engines.
142	Sir Samuel Hoare visits Napier Works May 1925.
143	Supermarine Southampton Flying Boat with two Napier Lions.
145-146	Boulton Paul 'Bodmin'.
148-149	Supermarine S4 Seaplane record breaker 1925.
150-151	Beardmore 'Inverness' Flying Boat with 2 Napier Lions.
152-153	Lion engines.
155-184	Blackburn 'Velos' Napier Torpedo Seaplane with Torpedo on flight trails.
184	English Electric 'Kingston' II.

186-187	Handley Page 'Hyderabad' two Napier Lions.
188-198	Christening the first Australian Super marine 'Seagull' plane by Sir Joseph and Lady Cook.
199-200	Handley Page 'W 1 0' Airliner for Imperial Airways, two Napier lions.
201	Interior of passenger cabin showing wicker chairs clipped to the floor, curtains at the window and railway type netting rack above the head for parcels.
202-205	Lion engine parts.
206-207	Lion engines.
209-213	Super marine 'Swan' Flying Boat for Imperial Railways. Two interior shots of the passenger cabin.
214	Gloster 'Gorcock' fighter plane 1927 with Napier Lion VIII direct drive.
215	Vickers 'Vixen' Napier Lion.
216	Handley Page 'Hendon'.
218-219	Supermarine 'Southampton'.
221	Avro 'Avenger' Napier Lion.
226-237	Malcolm Campbell and the Napier Lion car 'Bluebird' attempt on the World's speed record at Pendine Sands, Wales. One photo shows Mr. & Mrs. Campbell with the Bluebird and their son Donald with, his toy car.
239	Lion engines on works' test bed.
240-244	Lion engines.
245-248	Fairey F III R.A.F. planes, Napier Lions, 1927.
250	De Havilland 'Hound' DH 65A Lion engine.
253-259	Dornier 'Whale' Seaplane with two Napier Lion engines mounted in tandem above the wing. Map

indicates that Capt. Courtney flew the Whale across the Atlantic and back. No details.

264-279 Preparation for the Schneider Cup Air Race at Venice 1927 with Supermarine Napier and Gloster Napier Sea Planes

18/3 [c. 1913-1919] Volume C

(240 pp)

- 1 Napier car open 2 seater 6 cyl, 30 Hp. S.F. Edge seated in the car, 1913.
Napier car in tropics.
- 2 Napier 6 cyl, 60 HP in India
Napier 15 HP Colonial car 1913
- 3 Napier van
- 4 Napier open 2 seater 15 HP, Mrs. Vane seated in car 1913.
- 5 Saloon car 45 Hp
- 6 Napier car
- 7 Two con-rods from a car engine
Princess Royal about to enter a Napier car 1913.
- 8 Acton machine shop
Napier car
- 9 Napier car and a van.
- 10 Napier car 6 cyl. 45 HP with large open tourer body by Cunard 1913
Napier vans, 5 lined up with uniformed drivers outside Dickins & Jones.
- 11 Two Napier vans marked Selfridge Co. Ltd. with drivers.
Two Napier vans outside Catesbys shop 1913.
- 12 Napier van, lorry and taxi on exhibition stand at Olympia.
- 13 Napier vans and taxi.

- A line up of 24 Napier vans for an Express Carriers.
- 14 Napier car
Gear hardness testing machine
 - 15 Eleven Napier vehicles in line outside a stately home? 1913
Napier car with passengers fording a shallow river.
 - 16 Close up side view of 6 cyl engine mounted in the chassis.
 - 17 Napier saloon cars
 - 18 Napier cars at Olympia
Napier van, Alexander Laundry, at Swansea.
 - 19 Napier car fording a river.
 - 20 Four Napier Royal Mail vans 1914
 - 21 Napier car on rough track in S. Africa
 - 22 Napier lorry and car
 - 23 Napier ambulances.
Vans for Dunlop and Army & Navy stores.
 - 24 Noiseless Napier 6 cyl. 30 HP with Cunard three quarter Landalette body.
Noiseless Napier 45 HP with Cunard Torpedo body, De Luxe, seat seven.
 - 25 Napier 4 cyl. 20 HP with Cunard Landalette body 1914.
Napier 6 cyl. 45 HP with' Cunard Royal saloon body.
 - 26 Napier van and car.
 - 27 Napier car in The Colonies.
3 Napier vans with decorated body panels.
 - 28 Napier car in snow with chains on rear tyres.
 - 30 Napier van

- 31 Napier chara banc vehicle marked 'Napier' along the side with 18 men seated or standing on the running board 1914.
- 32-33 Napier lorry and car.
- 34 Napier car in The Colonies.
Napier vans
- 35 5 Napier cars.
- 36 Napier car
- 37 Car in the Colonies.
- 38 Group of Napier staff and their ladies at Acton Works 1914.
- 39 Napier football teams.
- 40 Napier chara banc with 14 men seated in it, alongside The Marble Arch 1914.
- 41 Napier car with passengers.
- 42-43 Cars, lorry and vans.
- 44-45 Napier cars.
- 46 Napier van, Allders of Croydon.
- 47 Napier cars.
- 48 Napier van, Eating District Laundry.
- 49 Car and van.
- 50 5 Napier lorries marked W D, O.H.M.S.
- 51 Napier car heading protest march over Home Rule in Inniskillen, N. Ireland 1914.
- 5- Napier Military Ambulance outside Millbank Military Hospital 1914.
- 54 Napier chara banc with 30 St. John's Ambulance men seated or standing.

- 55 Napier lorries loaded on railway trucks.
Napier lorry fitted up as a workshop.
- 56 Napier field ambulance.
Napier passenger vehicles.
- 57 Napier trucks at Acton Works.
Napier Red Cross ambulances.
- 58 Napier car in Red Square, Moscow.
- 59 Napier dust cart for Borough of Kensington.
- 65 Napier ambulances in service.
- 67 Napier open tourer. Also view of dash board
showing Napier gauges.
- 68 Napier van for The Goldsmiths House at Acton.
- 69 Napier engine and chassis.
- 70 Plan view of engine and chassis.
- 71 Mr. Vane M. D. 1915
View in machine shop at Acton 1915.
- 72 Napier Royal Mail van.
- 73 Napier business vehicle advertising D. Napier and
Son Ltd.
- 74 Rear view of lorry chassis and wheels.
- 75 Line of engines and chassis at Acton Works.
- 76 Ambulance for Auckland Hospital.
- 77 New Zealand Army Ambulance.
- 78 Napier car outside The Tate Gallery.
- 79 Napier cars decorated with roses for Queen
Alexandra's Rose Day 1915.
- 80 Plan of engine chassis and wheels showing oil
and grease points with maintenance instructions.
Napier taxi with soldiers on a recruiting drive

- 1915.
- 81 Army Signals lorry.
Napier lorry fitted up as workshop with a lathe and drill.
- 82-84 Napier cars.
- 85 Napier ambulance for Belgium 1915.
- 86 Napier car outside Millbank Hospital.
- 89 Two Napier cars in snow mountains on the Austro Italian frontier.
- 93 Napier car on 1k Salisbury to Cape Town run 1915.
- 98 Napier taxi with lady driver 1916.
- 124 Napier cars (decorated) outside No. 10 Downing Street, with Lloyd George and a deputation of Welsh children in National Dress.
- 130 Napier workshop showing numbers of women workers in wartime 1917.
- 134 King George V visits Napier Acton Works 1917.
- 137 One of the earliest Napier cars c. 1903
- 146 Napier car leaving Buckingham Palace.
Another of Mr. Vine showing a medal.
- 148 A line of Napier engines in the works.
- 152 Dickins and Jones, Napier vans converted to gas operation with gas bag on roof, 1917.
- 158 Napier char' banc with 17 passengers outside Napier's Motors, 14 Regent Street.
Large photo of Napier men crowded at the main gate to the show the mass of staff employed.
- 179 Photo of a plane showing two cockpits/with Napier Lion engine fitted (DH9) 1919.
- 182 Napier workshop showing machining Back axle casings.

- 187 Repeat of 179 with instruments marked with names. Records the World's Height Record with DH9 plane 30,500 feet 1919.
- 189 Plane Allincan P2.
- 194 De Havilland DH9R 1919.
- 201 Aerial view of Napier Works. The new Building is shown.
- 210 Marked under this photo of a plane are the words, Waring & Gillow. They were making some planes in the First World War, probably at De Havillands Air Field.
- 211 Cars on stand at Olympia Exhibition. De Havilland DH9R.
- 213 Handley Page W8
- 218 Napier Works entrance at Lambeth.
- 222 Napier Landaulette car and a scootamotor alongside.
- 238 Mr. Napier's own car, 3 seater coupe.

18/4 [c. 1919-1921] Volume D

[162 pp]

- 1-3 Napier with closed coach type body
- 4 Napier showrooms at New Burlington St., W 1. Engine for 2 ton lorry
- 6-7 Napier sports ground
- 8 Alliance P2 plane 'Seabird' with Napier Lion. First non-stop flight London - Madrid 120 MPH 1919
- 9-14 Napier workshops
- 18 Napier Lion components
- 20 De Havilland DH 9A plane with Lion engine

21-22	Torpedo car
23	Torpedo car 16/20 HP
24	Torpedo car 30/34 HP
26	Landalette car 30/35 HP
27-28	Views of chassis and engine 40/50 HP
32-35	Lion Engine and Napier workshops
36-37	De Havilland DH 4R Lion engine Aerial Derby winner
40-43	Various Napier lorries
45-48	Views of the 40/50Hp engine.
50-58	Views of chassis and engine 40/50 HP
59-60	Coupe Cabriolet body
61	De Havilland DH 4R with Lion engine. Napier Lion Amsterdam exhibition
64-65	Views of 40/50 HP engine
67-68	Landalette cars
70-71	Cars for Olympia show
72	Napier Exhibition stand at Olympia Alliance aeroplane crash wreckage
75	Napier car outside The Tate Gallery
76-78	Handley Page HP W8 twin Lion engines
79-80	Napier Lorries
83-84	Lion engine
86-89	Napier cars
90-91	McVite & Price delivery vans

92-97	Torpedo car 40/50 HP on the road
98-99	Chassis and engine with polished finish for Exhibition.
100	Card Room and Billiard Room in Napier building.
102	Napier Landalette car and a scootamotor alongside. See Page 222 Vol. C.
103	Napier charabanc
105	Mrs. Asquith in Napier Landalette
107-108	Messrs. Cotton & Townsend looking at large map of Australia. See Vol. A, Page 101
110-115	Napier vans & lorries
116-118	Napier Lion parts
119-121	Napier car
126-130	Handley Page HP 0/400 with 2 Lion engines.
135-136	Napier car assembly workshop
139	A party in the canteen and display of sports trophies.
140-143	Napier cars
144	Exhibition stand at Olympia
146	Driving cars through the Acton Works
149	Westland Limousine III
151	Vickers Viking III
160	Vickers Victoria
18/5	[c. 1927-1931] Volume E
	(280 pp)
1	Napier Lion racing engine

2-4	Lion engine mounted in the chassis of Blue Bird racing car.
5-6	Lion engines, Series XI
7	Napier Blue Bird racing car in main road outside the Works.
8-10	Views of the car Blue Bird
11	Malcolm Campbell standing alongside the car.
12-15	Views of the car with Malcolm Campbell.
16-21	Photos of all the Lion engine parts for the spare parts list.
22-32	The Supermarine Napier S5 racing seaplane, with Napier Lion engine, in preparation at Southampton for attempt on the World's Air Speed Record by Flt. Lt. Kinkead, March 1928.
33-34	Yacht of the Skies. Dornier Napier Flying Boat with 4- Lion engines, 2000 HP, 135 MPH, 20 passengers.
35	Southampton Flying Boat 2 Lion engines.
36	Avro-Napier 'Buffalo' plane
37	Fairey Napier III F plane Blackburn Napier Ripon plane
38-39	De Havilland Napier 'Hound' beat the Speed Record for 100 KM at average speed 161 MPH, from Stag Lane Aerodrome with load of one ton.
42-49	Blackburn 'Ripon' plane with Lion engine and fitted with aerial torpedo on tests at Brough Aerodrome Hull.
50	Speed boat 'Estelle I' with Lion engine.
51-52	Lion engines on test at Acton Works.
53-57	Speed boat 'Estelle II' with Lion engine driven by Miss Betty Carstairs.

- 58-63 Napier personnel working on parts of the Lion engines.
- 64-65 Lion engines series XI
- 67-87 Photos of Lion engine parts
- 88 Vickers 'Valpariso' planes with lion engine 1928.
- 89 The record breaking Super marine Napier S5 racing seaplane with Flt. Lt. Darcy Greig.
- 90-91 Major Seagrave with the Golden Arrow racing car, Lion engine mounted in the chassis, January 1929.
- 92-93 Major Seagrave's speed boat Miss England fitting the Lion engine, Jan. 1929.
- 94-98 Fairey Napier monoplane 'Postal' built to break the World's Duration Record, January 1929.
- 99-104 The Napier Arrol Aster racing car driven by Malcolm Campbell.
- 105 Fitting the Lion engine in the Golden Arrow, January 1929.
- 106-108 Napier Rapier air cooled 'H' engine, 16 cyl.
- 109 The Golden Arrow car inside Selfridges store, April, 1929.
- 110 Fitting the Lion engine in the Golden Arrow chassis.
- 111 Golden Arrow on the Beach of Daytona, March 1929
- 112 Seagrave driving the Golden Arrow at 232 MPH on Daytona Beach.
- 113 Taking the *Golden Arrow* in Through the Window at Selfridges Store, April, 1929.
- 114-115 Seagrave and Irving celebrating at Mayfair Hotel Reception with a floral model of the Golden Arrow. Also the Golden Arrow in the road outside Selfridge with a crowd of on-lookers.

- 119-124 The first non-stop flight from Britain to India on the 24-26 April 1929 by Sq. Ld. Jones Williams & Ft. Lt. H. Jenkins flying a Fairey monoplane with Napier Lion engine. Flight took 50 hours 48 mins. Photos show the return of the plane to England on 15th June 1929.
- 125-126 The Prime Minister Ramsey MacDonald flies in the long distance record Fairey Monoplane piloted by Ft. Lt. Heslop, 20th June 1929.
- 129-131 Napier Lion VII racing engine.
- 133-134 Napier Aero Engines Exhibition stand at Olympia July 1929.
- 135-140 Miss Betty Carstairs with her speedboat Estelle IV showing two Napier Lions fitted in the hull, July 1929.
- 142-159 The Gloster Seaplane fitted with Napier Lion engine at Calshot preparing for Schneider Cup Race August 1929.
- 160 Napier employees at Addison Station on their way, to see the Schneider Cup Race, September 7th 1929.
- 164-169 Fairey Napier long range monoplane at Northolt December 1929.
- 170-174 Napier Lion engine parts
- 175-176 Comparison of the Napier Lion alongside the larger Cub engine.
- 180-183 Miss Carstairs with speed boats Estelle IV & V with Lion engines preparing for the 1930 International Trophy Races to be run in Detroit.
- 184 De Havilland Interceptor Fighter, with the Napier Rapier engine at RAF Hendon Air Show, June 1930.
- 185-188 Parts of the Rapier engine showing supercharger casings, impeller and diffuser.

- 190-193 Napier Lion Bluebird racing car with Malcolm Campbell, January 1931.
- 194 Chassis and engine of the Bluebird and the Napier team with Campbell, 1931.
- 202-204 The Gloster Napier seaplane preparing for The Schneider Cup Race, August 1931.
- 205-207 The Supermarine Napier S5 preparing for The Schneider Cup Race, August 1931.
- 208-212 Fairey Napier long range plane preparing for the long distance record, December 1931.
- 214-240 Napier Lion engine parts
- 242 Mr. H. Vane M.D. presenting to Sir Malcolm Campbell a silver gilt model of the 'Bluebird', May 1931, for his record breaking speed of 246 MPH.
- 243 The Bluebird car towed through centre of London on its way to Brooklands, June 1931.
- 247-249 Fairey Napier long distance plane is to attack the record with pilots Bett & Gayford.
- 250 Napier Lion engine with cut away sections driven by small motor.
- 251 Napier 6 cyl. engine and chassis April 1932 produced 1904 on show at Crystal Palace, Mr. Edge & Montague Napier sitting on the 4 cyl. Napier car winner of the 1902 Gordon Bennett Trophy.
- 252 Aerial view of Napier Works at Acton. May 1932.
- 253-254 Test Plant in Research Dept.
- 255-256 Napier engine series II on test bed.
- 257-259 Napier twin cylinder test unit in research 1932.
- 260-262 Napier Javelin 6 cyl. inverted air cooled engine, June 1932.
- 263 Napier Trophy, a model Lion engine presented to

- 45 Squadron in appreciation of the 7000 flying hours on the Lion engine in 1931.
- 264-270 Napier articulated tractor on demonstration in the Napier Works yard, May, 1932.
- 272-273 Napier Rapier engine.
- 274-276 The Napier long range engine used in the Fairey monoplane. Napier workmen studying map on notice board showing route of long range flight from London to Capetown, 1932.
- 277-279 Napier Rapier engine.
- 280 Napier Spartan Arrow plane at Heston, May 1933. Was the Javelin engine test bed.

18/6 - (256 pp, 188 blank)

A more detailed list of all the photographs in the albums is available upon request.

Object no. 1974-117