

**Catalogue R, for box-files R1 – R4.**

Scope: Loose photographs, diagrams, photo albums and CDs. Includes images of computing apparatus and components, (family) photos of John Coales, (portrait) photos of former Elliott individuals, group photos, events (eg distinguished visitors to Borehamwood) and Elliott factories and buildings. Covers the period 1930 – 1980.

<b>Cat. No.</b>	<b>Date</b>	<b>Description</b>	<b>Comment</b>
R1	14 <sup>th</sup> – 17 <sup>th</sup> July 1950	UK/US Conference on Data Transmission and Allied Subjects. Elliott personnel in the photos include: J F Coales, C A Laws, S E Hersom, C A Cochrane, Norman Hill, Henry Pasley-Tyler, H D Hawkes, H Archer-Thompson, W S Elliott, H M Gale, Bill pearce, Reggy More, E K M Bird, Daphne Middleton, Arthur Hemingway, Jack Tyndall, Eric Whitehead, Leon Bagrit, Maurice Needham, Stewart Ellis, Jack Pateman. Non-Elliott people include Ralph Benjamin, ? Lundstrom	Dark blue/purple photograph album (approx. 30cms x 25 cms) containing 25 sheets of b/w photos (each photo 8" x 6"). Included is (a) dinner menu for 14 <sup>th</sup> July; (b) programme of meeting and list of attendees; (c) a photocopy of one of the group photos annotated to show the identity of individuals; (d) a loose group photo annotated on the reverse by A V Hemingway to identify himself, W S Elliott and H M Gale. This Conference was a gathering at the Borehamwood Research Labs of Elliott Brothers (London) Ltd. at which the Comprehensive Display System (CDS) project was demonstrated. The photos are exclusively of people rather than apparatus. Most of the photos have pencilled marginal annotations (By J F Coales?) that allow individuals to be identified. Herein lies the importance of this item.
R1	20 <sup>th</sup> Nov. 1950	Visit of the Third Sea Lord and Controller, Vice-Admiral Sir M M Denny to the Borehamwood Labs. Elliott personnel in the photos include many of the above, plus: Capt. De Trafford,	Dark blue/purple photograph album (approx. 30cms x 25 cms) containing 9 sheets of b/w photos (each photo 8" x 6"). Included is (a) Programme of the day, plus name-list of Division Heads; (b) plastic folder of ten loose photos (mostly duplicates). This was a visit to see the facilities and current work of the eight Borehamwood Divisions. Particular exhibits included the 'Netting' project and the 'Peevish' project. The photos have typed captions that allow individuals to be identified.
R1	1 <sup>st</sup> Oct. 1951.	'Panoramic' group photo of all the staff of the Borehamwood Laboratory.	When unrolled, this rolled-up group photo measures 48" x 8". It shows 361 employees, with John Coales sitting in the middle position.
R1	1 <sup>st</sup> Oct. 1951	'Flat-sheet' sections of the above panoramic staff photo.	For convenience, the above rolled-up panoramic image has been split up into five photocopied A4 sections, with four copies of each section made.
R1	c. 1946	Formal senior staff photo, believed to be of the radar section of ASE, Whitney, towards the end of the Second World War.	About 90 staff are pictured in front of a substantial building. J F Coales is seated at the centre of the first row. Copsy Laws is seated third from JFC's right. (The source of this photo is Alison Steer, John Coales' daughter). This photo and the photos mentioned in the following four catalogue-entries are all stored in a <b>green cardboard wallet</b> .
R1	Dec. 1949	Five photos of the performers in an Elliott staff Christmas concert, 1949.	The concert included a bicycle-driven spool machine called the <i>Elliott home calculator: Model Twelve-X</i> . This is written up in Report 159B: see catalogue section 2, item 249, Box-file J2, where a clearer photo of the

			calculator is included. (The source of these photos is Alison Steer, John Coales' daughter). (See above <b>green cardboard wallet.</b> )
R1	c. 1950	Four photos of John Coales (and his wife?) handing out prizes at an unidentified formal occasion.	(The source of these photos is Alison Steer, John Coales' daughter). (See above <b>green cardboard wallet.</b> )
R1	c. 1950?	Cricket team (Elliott's?).	Place and date unknown but possibly an Elliott's team from about 1950. (The source of this photo is Alison Steer, John Coales' daughter). (See first <b>green cardboard wallet.</b> )
R1	c. 1950	Seven photos of John Coales at home with his family.	Included in this set of small family snaps is: (a) JFC seated in the garden; (b) JFC and one of his two Sunbeam vintage cars; (c) <i>Oakwood</i> , the Coales' large family house in Radlett (three miles to the north of Borehamwood); (d) three snaps of JFC's three children in front of the house. (The source of these photos is Alison Steer, John Coales' daughter). (See first <b>green cardboard wallet.</b> )
R2	1952/3	Group photo of Computing Division staff at Borehamwood.	A4 Photocopies of an original photo, with an accompanying e-mail to SHL from Laurence Clarke. The e-mail identifies the 23 individuals shown in the photo and comments on the presence of Charles Owen who was actually a member of the Borehamwood Circuits Division.
R2	Various (c. 1952 – 1992).	Formal (eg portrait or passport) photos of Elliott staff (eight individuals).	Sir Leon Bagrit – (two photos, plus copies) W S (Bill) Elliott – (one photo) Andrew St Johnston – (three photos) H G (Harry) Carpenter – (six photos) J P (John) Bunt – (five photos) Peter Mariner – (one photo) John Kinnear – (one photo) Elizabeth Laverick – (one photo). These photos are all stored in the <b>second</b> green cardboard wallet.
R2	Early 1960s	People at an Elliott annual staff dinner-dance, Watford Town Hall.	A4 photocopy annotated so as to identify certain key people, namely ( <i>left-to-right</i> ): Andrew St Johnston, Maurice Needham, Leon Bagrit, Harry Pritchard, Lotti Ross, Mary Stuart, Doug Stuart.
R2	c. 1963	John Geddes and Henry Pasley-Tyler.	This A4 copy of a photo shows ( <i>left</i> ) the Hon. John Geddes (Elliott's PR person) and ( <i>right</i> ) Commander Henry Pasley-Tyler at some unidentified function.
R2	21 <sup>st</sup> May 1992	Photos and OHP slides from H G Carpenter's lecture on the 152 computer and MRS5	This CCS lecture, entitled <i>1949 computer technology recalled: MRS 5 history and the 152 computer</i> , took place at the Science Museum, London – (see also entry in section 8, box-file N4, of the Elliott catalogue). There are ten 6" x 4" photos and seven A4 OHP transparencies. The photos (with explanations written on the back) show the procedure for producing accurate binary function films, needed for the optical encoding disc etc. that gave the MRS5 aerial's angular position and the sine and cosine of the angle. For production purposes, a special decimal-to-binary converter and EBAC (Electronic Binary Arithmetic Calculator) were built and these are shown. Lengths of film and the lab prototype of the optical disc reader are also shown. The OHP transparencies show, amongst other things, the 152's multiplier and the MRS5's shaft-to-digital converter. See also the digitised versions of relevant classified reports stored on the CD in box-file R4, in this section of

			the Elliott catalogue.
R2	1950 - 1951	Length of 35mm film with a recording of pulse-sequences (connected with MRS5 and 152 computer).	This 30cm continuous strip of photographic film has approximately 25 'tracks' running lengthways, each 'track' carrying a sequence of pulses. It is clear that at least eight of the tracks represent the digit-outputs of a binary counter. It is thought that the film is a recording of some part of the instrumentation of the fly-past tests of the MRS5 target-following radar, for which the 152 computer carried out the performance analysis. See also the above catalogue entry.
R2	1950 - 1951	Components associated with the MRS5 radar system, the 152 computer and its printed-circuit packages.	(a) 35mm slide of the Elliott 152 computer. (b) Photocopies of two small photos, showing the egg-box lens system and the experimental set-up of the phase comparison monopulse radar system. (c) five copies of an Elliotronic packaged circuit with cover on, and with cover removed to show the glass printed-circuit plate and the sub-miniature pentodes. (For more photos of 152 computer components, see catalogue section 8, box-file N2, Harry Carpenter's 27 <sup>th</sup> November 1951 presentation at the mathematical Laboratory, Cambridge. See also the 23 photos in report 193 in catalogue section 2, box-file J2). See also the digitised versions of relevant classified reports stored on the CD in box-file R4, in this section of the Elliott catalogue.
R2	c. 1950	Logabax electro-mechanical computer?	In about 1950, Elliotts were considering entering into a marketing venture with the French Logabax (or Log Abax) company, This venture came to nothing. This photocopy of an image obtained in 2007 from the Internet may possibly show the type of equipment being considered by Elliotts.
R2	c. 1954	Model of TRIDAC (at RAE Farnborough), with Arthur Hemingway.	Hemingway is standing to the right of the photo. The man on Hemingway's right-hand side is Admiral (someone). On the rear of the photo Hemingway has drawn a rough sketch of the model to identify the following units: (a) servo controller & rotating table for aerial & instruments; control amplifiers; (c) servo hydraulic pumps; (d) racks of amplifiers; (e) cooling fans. For more information on TRIDAC, see the <i>Three-Dimensional Simulator</i> in the CD of digitised reports in box-file R4 of this section of the catalogue.
R2	1953	The Elliott 401 computer.	Two images, with a 9" x 6" and 6" x 4" print of each photo. One view shows the 401 with its doors closed and the other with the doors removed. The unit in the top of the right-hand cabinet is the original disc store. See also the photo on the CD of the 'Elliott photo album', in box-file R4 of this section of the catalogue.
R2	c. 1954	Elliott 153 computer (the DF computer).	One 8" x 4" photo, plus four photocopies of it. This computer, designed to implement direction-finding algorithms specified by the admiralty research Labs (ARL) was the result of a GCHQ contract to Elliotts. The machine was installed at Irton Moor near Scarborough. See also the photo on the CD of the 'Elliott photo album', in box-file R4 of this section of the catalogue.
R2	c. 1955	Images of the Elliott 402 computer and various components.	(a) Five photocopies of an overall view of the 402; (b) Photocopies of seven photographs showing, respectively, the disc store; three images of printed-circuit packages; three images of the computer under construction in the Computing Division's workshop at Borehamwood. See also the photo on the CD of the 'Elliott photo album', in box-file R4 of this section of the

			catalogue.
R2	July 1957	Diagram: Elliott 402 for fighter marshalling.	A three-sided, 6" x 5", printed leaflet produced for an Elliott presentation to the RAF's Central Fighter Establishment in July 1957. There is a photo of a 402 computer which, it is assumed, was being promoted for the computer control of aircraft marshalling. (This idea may have led to the Fire Brigade project using Elliott 920 computers).
R2	c. 1955	The Elliott 403 computer – WREDAC and WREDOC	(a) 6" x 4" photo of the Elliott 403 at Borehamwood, before shipping to LRWRE at Salisbury, Australia. (b) photocopy of a 6" x 4" view of part of the 403 and some mag tape decks at Salisbury, Australia. (c) 9" x 5" photo of WREDOC, the 403's output converter, at Borehamwood before shipping to Long Range Weapons Research Establishment at Salisbury, Australia – (and five photocopies of this image). See also the photo on the CD of the 'Elliott photo album', in box-file R4 of this section of the catalogue.
R2	1954	AGWAC (Australian Guided Weapons Analogue Computer)	Built by Elliotts (variously at Lewisham, Borehamwood and Rochester) this photocopy of an original photo shows AGWAC before shipping to the Long Range Weapons Research Establishment at Salisbury, Australia, towards the end of 1954. This photo appears in <i>First in Automation</i> – (see the CD in box-file R4 later in this section of the Elliott catalogue).
R2	c. 1955 and 1965	The Elliott-NRDC 401 computer at Rothamsted research Station; also, the shut-down ceremony of this computer on 30 <sup>th</sup> July 1965.	One 10" x 8" glossy print of the 401 at Rothamsted. Three photocopies of Doug Rees speaking at the shut-down ceremony at Rothamsted in July 1965. Five small photos (4" x 5"); A4 photocopies of three of these photos – all of which were taken at the shut-down ceremony.
R2	c. 1956/7	The Elliott 405 computer.	This 9" x 7" photo probably shows the 405 installation at NCR's Marylebone Road Computing centre in London. Notice that the console appears to have wooden sides, indicating that this was a very early 405. See also the photo on the CD of the 'Elliott photo album', in box-file R4 of this section of the catalogue.
R2	Summer 1957	Switch-on of the Elliott 405 at Norwich City Council.	Three A4 photocopied sheets of a 6" x 8" photo of the Norwich City treasurer (Barnard) switching on the 405. Watching are Sir Leon Bagrit and Dina Vaughan (later Dina St Johnston) who wrote the initial applications programs.
R2	c. 1999	Images of the Elliott 405 computer at the Powerhouse Museum, Sydney, Australia.	Ten A4 colour photocopies of photographs of the Elliott 405 computer. Includes close-ups of the console, a magnetostrictive nickel delay line and a magnetic film deck.
R2	Early 1960s.	Elliott 405 at the NGTE, Pyestock.	Photos, provided in 2008 by Arthur Hills, of the National Gas Turbine Establishment's facilities at Pyestock, near Farnborough. Photo 1: A corner of the NGTE site, looking approx. north to south (with south at top of photo). The RAE runway lies about a mile away. Photo 2: The Engine Test Facility: numbers 1 and 2 Cells. The cylinder, or drum, with the four round hatches (one open) is Test Cell number 1. Between the two Cells lies the Control Room for this pair of test cells. Photo3: The control room for Cells 1 and 2. The windows to the right of the photo look out on to Test Cell1, where an engine is under test. Photo 4: 405 computer plus some NGTE equipment. The end-bay (cabinet) of the 405's mainframe was where the 300 or so digital signals were received.

R2	c. 1958	Group photo of the Training Group at Borehamwood.	Photocopy of a 'team photo' showing 15 men. F S Ellis (Head of the TCS) is shown on the left. Annotations have been added to identify all the other people. An Elliott 405 with its logic cabinet doors removed is in the background. The photo comes from Gordon Brand and an accompanying e-mail exchange with SHL, dated march 2008, is included.
R2	May 1962?	Event to launch the ARCH range of process control computers?	These two 7" x 5" photos show delegates at an important meeting. This may be the Press Conference held at the Savoy Hotel, London, on 7 <sup>th</sup> May 1962 to launch Elliott-Automation's ARCH range of industrial process control equipment. (For a photo of ARCH equipment, see the CD of the <i>Elliott photo album</i> in box-file R4 later in this section of the Elliott catalogue).
R2	c. 1963	Elliott staff at an exhibition of Elliott and Panellit equipment for Industrial Automation.	Judging from the word <i>Panellit</i> at the top of the right-most rack of equipment, the label <i>Boiler efficiency computer</i> lower down on this rack and the display photos of process-control equipment, it seems that the setting for this photo is an exhibition of Industrial Automation equipment. It is tentatively thought that Andrew st Johnston, Maurice Needham and Laurence Clarke are amongst the Elliott staff present. (Also, an A4 photocopy of this photo).
R2	Nov. 1963	Delivery of an Elliott 803.	Four b/w photos, each 4.2" x 4.2", of an 803 being delivered by crane to the upper floor of a building in Sheffield, for an Elliott-Automation Sales Symposium. Includes a covering letter from Alan Wakefield, confirming the date and location.
R2	c. 1963.	Elliott-Automation's Bristol office.	Photocopy of two original photos, each 8" x 6", illustrating the first days of setting up Elliott-Automation's new Bristol office. Exact date unknown – see above catalogue entry and covering letter from Alan Wakefield.
R3	1955 – 1963	Various Elliott circuit modules	Photocopies of annotated images of the following Borehamwood-designed computer circuitry: 402, 802, 803, 503, Minilog, Goto pair (tunnel diode circuit). Provenance: Iann Barron, October 2006.
R3	Sept. 1962.	Elliott 502 at the Royal Radar Establishment, Malvern.	A4 photocopy of an original photo supplied by Iann Barron.
R3	c. 1963	Elliott 803 at Westminster.	This photocopy of an original photo shows an Elliott 803 at the Palace of Westminster. A tutorial/demonstration of programming was given by to MPs by Elliotts.
R3	c.1963	Ten photos of an Elliott 503 computer's circuitry.	These 10" x 8" glossy prints mostly show aspects of the 503's power supply circuitry. The exception is an informative 'birds-eye view of three engineers seen at the 503's console during commissioning. The special portable engineers' display panel can be seen. Brief technical comments are provided on the rear of each photo. Photos donated by Malcolm Burchall, who is pictured in one of the photos. Also included are 13 spare copies of various of the photos. See also the photo on the CD of the 'Elliott photo album', in box-file R4 of this section of the catalogue.
R3	c. 1964	Photo of an Elliott 503 at Rijkswaterstaat, The Hague, (Netherlands).	A4 photocopy of an original photo.
R3	c. 1982	Programmer Electronic Control (airborne computer based on the 12/12 variant of the Elliott 900 series).	A4 photocopy of an original photo. The 12/12 computer was a variant of the 12-bit version of the Elliott 900 series. It was probably the basis for a <i>Programmer Electronic Control</i> unit installed in the Tornado GR.1

			strike aircraft. The photo shows such a unit, salvaged by Erik Baeger. Very much more information on this computer is given in the files contained in the CD entitled "Specification of the <i>Programmer Electronic Control</i> airborne computer" – (see box-file R4 and the catalogue entry below).
R3	c. 1963	Many photos of Prince Philip on a visit to Borehamwood.	Two larger ((10" x 8") prints show ( <i>left-to-right</i> ) Commander Henry Pasley-Tyler, Andrew St Johnston, Prince Philip and Leon Bagrit clustered round the console of an Elliott 803. Two other larger (10" x 8") prints (and four photocopies of another view) show Andrew St Johnston explaining the threading of a ferrite core to Prince Philip. One medium (8" x 6") print shows Andrew St Johnston being introduced to Prince Phillip. Two smaller (6" x 4") prints show (a) testing with an AVO, and (b) ( <i>left-to-right</i> ) Commander Henry Pasley-Tyler, Andrew St Johnston, Prince Philip, Leon Bagrit, ANO and John Geddes(? With a Creed teletype in the foreground.
R3	c. 1963	Unknown visiting dignitary to Borehamwood.	Two prints, 6" x 8"; Andrew st Johnston explaining.
R3	Nov. 1963	Visit of Senhor Raimundo Padilha, President, Foreign Affairs Commission, Brazilian Congress, to Elliott's Head Office display area in Portland Place, London.	One 6" x 8" photo; Andrew St Johnston is showing the president and his daughter some equipment. (See reverse of photo for more details).
R3	c. 1964	Prince Philip visiting an Elliott-Automation stand at a trade exhibition (at Earls Court or Olympia, London?).	Two photos, 10" x 8". Andrew St Johnston and Sir Leon Bagrit are shown explaining process control equipment to Prince Philip. It is possible that the E-A Direct digital Controller is shown in the photos and that the E-A man in the centre of the 'landscape' image is Ralph Benghiat.
R3	Mid-1960s?	Four photos of Andrew St Johnston in various work situations.	The exact date and place of these photos is at present unknown. The two 6" x 8" prints were clearly taken on the factory floor (at Borehamwood?). One of the 10" x 8" prints shows an important technical gathering, judging by the worried expression on Sir Leon Bagrit's face. The other 10" x 8" print appears to be taken at a formal luncheon or dinner.
R3	Late 1950s	Photos of Dina Vaughan (later Dina St Johnston)	One 9" x 7" print, and a smaller copy, show Dina at the console of one of the first Elliott 405 computers (judging by the wooden frame to the console). One 6" x 8" print shown Dina at a paper tape reader, with on-lookers. One 8" x 6" print (tagged as 'number 44') is believed to have been taken at Dina's wedding reception. ( <i>Left-to-right</i> ): Dina, Dina's brother (?), possibly Lotti Ross, and Andrew St Johnston.
R3	Feb. 1967	Several photos of Mr Kosygin at Borehamwood	Visit of Alexei Kosygin, Prime Minister of the Soviet Union, to Borehamwood on 8 <sup>th</sup> February 1967. One large glossy print (11.5" x 10"). Three 10" x 8" prints. Three 8" x 6" prints. Two 6" x 4" prints. Also, two A4 photocopies of a smaller photo.
R3	1967	Elliott ARCH 102 computer at Dista Products, Liverpool.	Photocopies of two photos of the Elliott process control equipment installed at Dista. Application: batch fermentation of antibiotics. Accompanying letters give some background information.
R3	c. 1969; 1976	Photo of Board members of Marconi-Elliott Avionics Systems Ltd. (MEASL) in	Four photocopies of an image showing the following people seated round a large table ( <i>left-to-right</i> ): Ron Howard, Director; Peter Hearne (Director); Jack Pateman

		about 1969 or shortly thereafter. Also, separate photo of Peter Mariner.	(Managing Director); Bernard O’Kane (Chairman); Peter mariner (Assistant Managing Director); Bill Alexander (Assistant Managing Director); Wally Patterson (General Manager); David Rickard (Finance Director). Also four photocopies of an image showing Peter Mariner ( <i>left</i> ) and Sir Herman Bondi ( <i>right, the Chief Scientific Adviser to the Ministry of Defence</i> ) and a ZB298 battlefield surveillance radar at Borehamwood in 1976.
R3	1950 - 2003	Images of Elliott’s Borehamwood Labs.	Contains: (a) 10” x 6” b/w aerial photo of the site in about 1959; (b) seven 6” x 4” colour photos of the site and interior in July 2002, including one photo of the Strong Room; (c) photocopy of an aerial view of the site in the spring of 2003, annotated using information supplied by Andrew St Johnston in the summer of 2003; (d) street map of the area in 2003; (e) five 6” x 4” colour photos of the site in February 2003 (with negatives); (f) photocopied plan of the layout of the labs in about 1950 (two copies); (g) colour photocopy of a relevant section of a 1930s (?) Ordnance Survey map of Borehamwood, annotated in about 2000 by Ed Hersom.
R3	c. 1968.	Aerial photo of Elliott-Automation’s Rochester site.	A4 photocopy of Airport Works, Rochester.
R3	c. 1945	24 colour photos of (Elliott) fire control equipment on HMS Belfast.	23 colour photos, each 6” x 4”, with negatives, taken on board HMS Belfast near Tower Bridge by SHL in about 2001.
R3	c. 1955	Fire control equipment on HMAS Vampire.	Four b/w A4 photocopies of colour photos taken by SHL in January 2008 on board HMAS Vampire at the Australian National Maritime Museum, Sydney.
R4	1930 - 1945	Elliott naval gunnery-control mechanical analogue computers	CD containing 14 photos of various components and complete systems connected with the Admiralty Fire Control Table (AFCT) equipment. Mostly mechanical or electro-mechanical, probably dating from the period 1930 – 1945. Also, two photos of the special section (machine shop, etc.) of Elliott’s Century Works at Lewisham that was devoted to AFCTs. Also included are photocopies of five of the images. See also Elliott catalogue section 3, box-file L1, photocopy of the paper <i>The Admiralty Fire Control Tables</i> . John Brooks. Warship 2002-2003, pages 69 – 93.
R4	1950 - 1970	Elliott photo album	This CD contains 16 b/w photos, each with a short caption. The computers featured are: 152, Nicholas,401, 402 (with covers removed), 153, 403 (WREDAC), 405, 802, 803, 803 with process control equipment, ARCH process control, 503, 920A, 4100 series, 903, 920M. This set was bound up in a presentation album, currently held at the National Museum of Computing at Bletchley Park.
R4	Approx. 1948 - 1963	CD of various Elliott images (provided by the Marconi Archives in 2003)	This CD contains 10 photos, namely: a late-1940s (?) view of Leon Bagrit and others examining an electric motor (taken at Lewisham?); the machine shop at the B & P Swift factory; 802 computer; a fast paper tape reader; a fast card reader; e delicate piece of instrumentation (part of a gyro?); the 405 console; backwiring (computer unknown but probably from the 1960s); 803 computer; the American Verdand airborne computer (c. 1958). Also included is an e-mail dated 27//4/2003 from SHL to Louise Jamison (Marconi Archivist) and photocopies of the 10 images.
R4	c. 1950	Digitised versions of several	Consists of a CD containing a digital scan of the

		classified Borehamwood research reports.	following report-groups: <b>A = 136 to 142B, B = 202, C = 224 to 226, D = 298 to 300 part 1, E = 298 to 300 part 2, F = 303</b> . The full titles, etc., of these reports are given section 2 of the Elliott catalogue (box-file J1). These selected reports were scanned in May 2010. The information is available on the CD both as .pdf documents and as .jpg scans of each page. These files are a particularly useful source of digital images of MRS5, the 152 computer, early packaged circuits, the Three-Dimensional Simulator (TRIDAC) and the Elliott Differential Analyser.
R4	1940s – 1960s.	Royal Army Pay Corps: photos of pre-computer accounting machines and the IBM 705	Contains a CD and two diskettes, holding many photos of equipment used by the RAPC. Most of these are Burroughs electro-mechanical accounting machines of various types. Colour photocopies of most of the images are also included. An IBM 705 computer was installed in 1960/61 at the RAPC's main establishment at Worthy Down, after beating the Elliott 405 in a tendering exercise.
R4	1940s – 1960s	Photos of Elliott factories & equipment obtained from Lewisham Local History Centre.	Contains a CD and various photocopied images. In particular, the CD contains good photos of: Aerial view of Elliott's Century Works at Lewisham; front of the Borehamwood Labs.; the Air Data Computer; an Elliott analogue computer; the Elliott 402.
R4	1961 – 1967	Copies of various NCR publications relevant to Elliott computers.	This CD contains NCR sales brochures and articles in the NCR house magazine <i>Post</i> , relevant to Elliott 405, 803 and 4100 series computers and to the NCR 315 computer. Many photos.
R4	1950 – 1980	13 photos of aircraft (courtesy BAE Systems)	This CD contains superb photos of the following aircraft: Buccaneer, Canberra, Comet 1, Concorde, Jaguar, Lightning, three Nimrods (the AEW, MR1 and MR2 versions), Tornado, TSR-2, Typhoon and VC-10. Also included is correspondence between SHL and BAE Systems Heritage Department dated August 2009.
R4		Specification of the <i>Programmer Electronic Control</i> airborne computer.	This CD, compiled by Erik Baeger in 2008, consists of many files which, taken together, give the specification of and background to the <i>Programmer Electronic Control</i> . This airborne computer was installed in the Tornado GR.1 strike aircraft.
R4	June 1958.	Elliott-Automation brochure <i>First in Automation</i> .	This CD contains the complete page-images for a 45-page A4 glossy brochure with many photos. The cover is black and yellow. This is the first edition, published in June 1958. This CD was given to SHL by Gordon Brand. A second, smaller, edition of the brochure was produced in 1967. See also Elliott catalogue section 1A, box-file F9.
R4	1959.	Unilever film: <i>The electronic computer in commerce</i> . (Includes shots of an Elliott 405).	This CD contains a 26-minute colour film, explaining how a computer can be applied to various business situations. The main application taken as an example is Unilever's supply of groceries to outlets in West Africa. Other applications mentioned include production planning and the purchase of pigs for the manufacture of pork products. Images of the Elliott 405 computer and its peripherals probably total no more than about 2 minutes' viewing. (Unilever took delivery of a 405 in November 1957). Included is a note from Sian Williams, Unilever Archives 7 Records, to David Pentecost warning that this film is for personal use and is not to be copied. David passed the CD to SHL in about 2009.