



Society of Antiquaries  
of **Scotland**

## Radar in Scotland

Ian Brown

ISBN: 978-1-908332-21-9 (hardback) • 978-1-908332-25-7 (PDF)

The text in this work is published under a Creative Commons Attribution-NonCommercial 4.0 International licence (CC BY-NC 4.0). This licence allows you to share, copy, distribute and transmit the work and to adapt the work for non-commercial purposes, providing attribution is made to the authors (but not in any way that suggests that they endorse you or your use of the work). Attribution should include the following information:

Brown, I 2026 *Radar in Scotland*. Edinburgh: Society of Antiquaries of Scotland.  
<https://doi.org/10.9750/9781908332257>

**Important:** The illustrations and figures in this work are not covered by the terms of the Creative Commons licence. Permissions must be obtained from third-party copyright holders to reproduce any of the illustrations.

OPEN  ACCESS



Every effort has been made to obtain permissions from the copyright holders of third-party material reproduced in this work. The Society of Antiquaries of Scotland would be grateful to hear of any errors or omissions.

Society of Antiquaries of Scotland is a registered Scottish charity number SC 010440. Visit our website at [www.socantscot.org](http://www.socantscot.org) or find us on Bluesky [@socantscot.bsky.social](https://bsky.app/profile/socantscot.bsky.social).

# Archival sources

## **The National Archives, Kew**

- ADM 116/5790 Main Fleet Base – Scapa Flow: inception, development and history 1937–1946.
- ADM 220/1644 Report of Radio Countermeasures (RCM) trials at Tantallon, January – May 1944.
- AIR 2/2667 Radar and Radio Countermeasures: RDF chain stations: works services 1940–1941.
- AIR 2/3143 Radar and Radio Countermeasures: RDF services: administration and maintenance 1939.
- AIR 2/3272 Radar and Radio Countermeasures: RDF stations: layout 1940–1942.
- AIR 2/4489 Radar and Radio Countermeasures: RDF: policy 1939–1942.
- AIR 2/5476 Radar and Radio Countermeasures: CHL station, Deerness, Orkney Isles 1940–1943.
- AIR 14/273 Incident with Fighters in Firth of Forth 21st December 1939: proceedings of court of inquiry, December 1939 – January 1940.
- AIR 26/41 Operations Record Book, No 24 (Base Defence) Wing, February 1944 – February 1945.
- AIR 26/92 Operations Record Book, No 70 (Signals) Wing, July 1940 – November 1945.
- AIR 26/93 Operations Record Book, No 70 (Signals) Wing, September 1945 – May 1946.
- AIR 26/95 Operations Record Book, No 70 (Signals) Wing, Appendices, January – May 1945.
- AIR 26/96 Operations Record Book, No 70 (Signals) Wing, Appendices, June – November 1945.
- AIR 26/100 Operations Record Book, No 71 (Signals) Wing, July 1940 – May 1943.
- AIR 26/103 Operations Record Book, No 72 (Signals) Wing, July 1940 – September 1946.
- AIR 27/708 Operations Record Book, No 86 Squadron, December 1940 – December 1943.
- AIR 27/1981 Operations Record Book, No 515 Squadron, formerly Defiant Flight, 1 May 1942 – 30 June 1945.
- AIR 28/199 Operations Record Book, Royal Air Force Station, Dirlerton, November 1944 – March 1946.
- AIR 28/220 Operations Record Book, Royal Air Force Station, Drem, February 1940 – April 1945.
- AIR 28/286 Operations Record Book, Royal Air Force Station, Fullarton, January 1942 – August 1944.
- AIR 28/862 Operations Record Book, Royal Air Force Station, Turnhouse, January 1943 – December 1945.
- AIR 29/141 Operations Record Book, North Western Filter Room, Preston, August 1940 – March 1942.
- AIR 29/147 Operations Record Book, Type 7000 Station, Northern Chain, June 1942 – October 1945.
- AIR 29/167 Operations Record Book, Ground Control Interception Station, Dirlerton, June – October 1944.

- Operations Record Book, Ground Control Interception Station, Fullarton, January 1942 – July 1944.
- Operations Record Book, Type 700 Station, Burifa Hill, June – November 1945.
- Operations Record Book, Type 700 Station, Port Errol, December 1943 – October 1945.
- Operations Record Book, Type 700 Station, Skaw, July 1944 – November 1945.
- Operations Record Book, Type 7000 Station, Kilkenneth, March – July 1945.
- Operations Record Book, Type 7000 Station, Saligo Bay, March – July 1945.
- AIR 29/682 Operations Record Book, No 54 Operational Training Unit, March 1941 – April 1947 (with appendices).
- AIR 50/61 Combat Reports, No 141 Squadron, July 1940 – March 1945.
- AVIA 7/257 Extension of RDF Chain: site plans and survey 1937–1940.
- AVIA 7/260 Extension of RDF Chain: site plans and surveys 1940–1941.
- AVIA 7/262 Extension of RDF Chain: site plans and surveys 1941–1942.
- AVIA 7/299 Extension of RDF Chain: Drone Hill 1938–1941.
- AVIA 7/301 Extension of RDF Chain: Fifeness 1939.
- AVIA 7/302 Extension of RDF Chain: Douglas Wood 1938–1939.
- AVIA 7/303 Extension of RDF Chain: Schoolhill 1939–1940.
- AVIA 7/304 Extension of RDF Chain: Hillhead 1939–1940.
- AVIA 7/308 Extension of RDF Chain: Netherbutton 1939–1941.
- AVIA 7/334 Equipment for RDF Stations: towers 1939–1942.
- AVIA 7/372 State of Chain, RDF Stations: reports by No 60 Group, RAF, 1940–1941.
- AVIA 7/441 RDF Chain: Stanmore: operational reports 1940.
- AVIA 7/493 RDF Chain: Drone Hill: operational reports 1939–1941.
- AVIA 7/494 rdf Chain: Cockburnspath: operational reports 1940–1941.
- AVIA 7/499 RDF Chain: Schoolhill: operational reports 1940–1941.
- AVIA 7/506 RDF Chain: Netherbutton: operational reports 1940–1941.
- AVIA 7/693 CHL Equipment: aerials 1940–1941.
- AVIA 7/709 GM Equipment: general 1939–1940.
- AVIA 7/1314 GCI Station Dirleton: installation.
- AVIA 7/1877 CHL, AMES Type 12: performance tests 1942–1943.
- AVIA 7/2455 Tantallon Trials 1944–1945.
- AVIA 7/3407 Reports on Meetings to Discuss the Siting of CD Sets 1941–1942.
- AVIA 15/256 Radar: sites and stations: extensions to Home Chain stations 1940–1941.
- WO 166/2127 3rd AA Division, August – December 1939.
- WO 166/6035 Scottish Command, General, January – December 1942.
- WO 192/251 Fort Record Book, Inchkeith Battery (1896–1953), 1922–1953.
- WO 192/255 Fort Record Book, Kincaig Battery, 1939–1956.
- WO 199/62 Defence of Radio Direction Finding Stations: Scottish Command, April 1941 – April 1944.
- WO 199/532 Installation and Protection of Coast Defence Chain Home Low Stations, February – November 1942.
- WO 199/534 Operational Use of Radio Direction Finding Stations, January – September 1942.
- WO 199/535 Operational Use of Radio Direction Finding Stations, October 1942 – April 1943.
- WO 199/1133 Fire Control Radar, March 1944 – June 1945.

### **Historical Radar Archive, Peebles/Scampton**

- HQ No 13 Group Bulletin.
- Naval Shore Radar.
- No 5 Log Book, B1 Group 36, from 12.50 14th June 1944 to 16.50 13th September 1944, copy of document held by Brian Hanley.
- RDF Bulletin.

RDF in Northern Scotland and the Islands,  
September 1941, copy of document held by  
Graham Winbolt.  
Paul Carment, diaries.  
G C Evans, 'The Origin of the Admiralty Experimental Stations'.  
Peter Harrild, 'RAF Burifa Hill'.  
Jim MacDonald, 'Radar in Orkney'.  
Quinton MacMillan, memoirs.  
Gillian Dulcie Marr, genealogical records.  
Margaret Sheila Grace Munro, genealogical records.  
R A Stuart, 'Outline of Service with RCAF Radar'.

### **Addendum to National Archives, Kew**

ADM 116/4987 Admiralty Experimental Stations, Orkneys and Shetlands: reports and miscellaneous correspondence, 1940–1944.

### **Dundee District Archive and Record Centre, Dundee**

TC/SF/A19 Dundee Town Clerk's file, 'Gallow Hill, Douglas Wood Wireless Telegraphy Station, 1938–1942'.

### **University of Dundee Library, Dundee**

Minute of Meeting of the St Andrews Provincial Committee for the Training of Teachers, Volume 17, 6 June 1940.