

National Aerospace Library

— Technical Reports

As described in *The Aerospace Professional*, February 2008 (p 16) the Library's extensive holdings of the technical reports of the Aeronautical Research Council/Committee [ARC] (and its predecessor the Advisory Committee for Aeronautics) and the National Advisory Committee for Aeronautics [NACA] — the predecessor to NASA — have now been transferred to the National Aerospace Library at Farnborough.

As with its journal holdings the Library holds considerable holdings of technical reports from other aeronautical research establishments around the world dating from the 1940s onwards which have recently been transferred to the National Aerospace Library, and the details of the countries/research establishments/report series held there are as follows:

Advisory Group for Aerospace Research and Development [AGARD]

Formed originally in 1952 as an agency of NATO at the personal initiative of Dr Theodore von Karman, AGARD published a large number of reports resulting from its lectures, conferences and Working Groups, and was eventually amalgamated in 1997 with NATO's Defence Research Group to form the Research and Technology Organisation:



Advisory Report (AR)
AGARDograph (AG)
Conference Proceedings (CP)
Lecture Series (LS)
Report (R)

Australia

Australian Council for Aeronautics [ACA]

Originally formed in 1941 as the Australian Advisory Committee on Aeronautics (AACA) it was later renamed in 1944 the Australian Council for Aeronautics (ACA) to promote aeronautical research and develop the aircraft industry in Australia, which in turn was replaced in 1947 by the Australian Research Consultative Committee (ARCC) — attached to the Council for Scientific and Industrial Research (CSIR) — which in turn was superseded in 1949 by the Australian Aeronautical Research Committee (AARC).

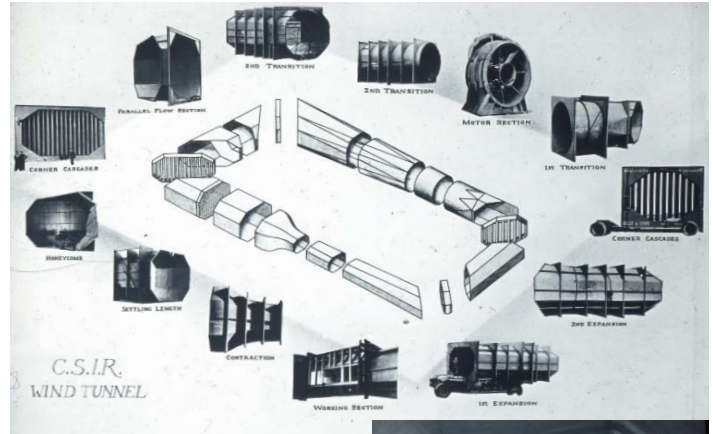
Aeronautical Research Laboratories [ARL]

Originally established in 1949, replacing the Aeronautical and Engine Research Test Laboratory, which was created in 1939 as part of the CSIR Division of Aeronautics, ARL was merged in March 1994 with the Materials Research Laboratory to form the Aeronautical and Maritime Research Laboratory of the Defence Science and Technology Organisation (DSTO):

ARL Aerodynamics A.
Notes/Reports/Tech Memos
ARL E. Reports/Engine Notes
ARL Flight Notes/Reports/Tech Memos
ARL Guided Weapon Notes
ARL Human Engineering Notes/Reports/Tech Memo
ARL Instruments I. Notes/Reports
ARL Mechanical Engineering Tech Memos/Reports
ARL Metallurgy Notes/Reports/Tech Memo/Bibliography
ARL Structures and Materials SM. Tech Memos/Notes/Reports
ARL Systems Notes
ARL Translations

Weapons Research Establishment [WRE]/Weapons Systems Research Laboratory [WRSL]

The Weapons Systems Research Laboratory came into being in 1978 as a result of the division of the



Above and right: CSIR wind tunnel.
Below left: Weapons Research Establishment Aeolus upper atmosphere research rocket.
RAeS Library photos.



Weapons Research Establishment — which was originally formed in January 1955 — and ceased operation in 1991.

WRE Technical Note/Tech Mem-HSA/PAD/SAD series
WSRL TR series

Canada

National Aeronautical Establishment [NAE]/Institute for Aerospace Research [IAR]

Formed in 1951 under the National Research Council of Canada's Division of Mechanical Engineering, in 1990 the National Aeronautical Establishment was renamed the Institute for Aerospace Research:

NAE/IAR Aero Notes/Reports
NAE/IAR LR
NAE LTR ST
NAE AFA TN series

University of Toronto Institute of Aerophysics/Institute for Aerospace Studies [UTIAS]

Originally established in 1949, the UTIAS is a graduate studies and research institute, forming part of the Faculty of Applied Science and Engineering.

Report (R)
Technical Note (TN)
Review (Rev) series

Israel

Technion — Israel Institute of Technology (TAE)

Formed to fulfil the urgent requirement — primarily for defence needs — for a centre of aeronautical research in Israel, a Department of Aeronautical

Engineering was established at the Technion in 1950 under Sydney Goldstein, the eminent Professor of Applied Mathematics at Manchester University and Chairman of the British Aeronautical Research Council, who was appointed on the advice of von Karman, and it is the only department of aerospace engineering in Israel:

TAE Report (R) series

Sweden

Flygtekniska Forsoksanstalten [FFA]/Swedish Defence Research Agency [FOI]

FOI was created in 2001 through the merger of the then existing governmental agencies FOA (National Defence Research Establishment) and FFA (Aeronautical Research Institute) which originally opened in 1940:

FFA R
FFA TN series

Royal Institute of Technology — Flygtekniska Institutionen — Kungliga Tekniska Hogskolan [KTH]

The Division of Aeronautics at the Royal Institute of Technology was originally formed in the early 1930s, its aerodynamic research complementing that of the FFA and the Saab company:

KTH Aero Tech Notes TN series

Enquiries concerning these technical reports should be directed to the National Aerospace Library (Tel: +44 (0)1252 701038/+44 (0)1252 701039; e-mail: hublibrary@raes.org.uk).