Aerospace

The following is a list of main papers published in Aerospace during the past year:

FEBRUARY 1975

Prestwick 1935-75

Wg. Cdr. N. J. Capper

Development of the Bulldog and Jetstream Capt. John Blair

Aerospace talks to Stanley Roscoe

OCTOBER 1975

Charles A. Lindbergh—a pioneer remembered

J. Grierson

Group ownership

Michael Joseph

Aerospace talks to Rudy Frasca

MARCH 1975

Airworthiness---yesterday, today, tomorrow? Dr. Walter Tye, FRAeS

The life and work of Sir Alan Cobham

Peter G. Procter

Aerospace talks to Alan Stratford

NOVEMBER 1975

(Graduates' and Students' Special)

The quest for lightness

Sqn. Ldr. J. Potter

BLC on a circular cylinder by tangential blowing

Dr. H. B. Awbi

Glass fibre hovercraft

A. J. English

Britain in general aviation

M. Hirst

APRIL 1975

From Merlin to Pegasus, from Hurricane to Harrier Sir Stanley Hooker, HonFRAeS

The Edwards Report in retrospect and prospect Prof. Sir Ronald Edwards

Aerospace talks to Philip Norman

DECEMBER 1975

British Air Transport Policy—a review of the

Civil Aviation Review

Sir David Nicolson

Aeronautics at Cayley's Second Century

J. E. Allen, FRAeS

RAE tanker trials

J. A. Bagley, MRAeS

Aerospace talks to Gordon Wansbrough-White

MAY 1975

Forty years on

Roy Sisson, FRAeS

European aerospace—the choice

A. H. C. Greenwood, FRAeS

JUNE/JULY 1975

Opportunity in short haul aviation

C. F. Bethwaite, FRAeS

Engineering and supply in the RAF

Air Marshal Sir Charles Pringle, FRAeS

Aerospace talks to Dr. Tony Barrett

JANUARY 1976

Engineering and maintenance preparations

for TriStar

E. Gregory, FRAeS

Commercial flying on the North Atlantic

from infancy to maturity

Captain J. C. Kelly-Rogers, FRAeS

Aerospace talks to Tom Pike

AUGUST/SEPTEMBER 1975

The Queen's Flight

90

M. J. Gething

FEBRUARY 1976

The technology and economics of air transport

in its next phase

K. G. Wilkinson, FRAeS

Heraldica Aeronautica

Dr. Conrad Swan

The Pathfinder Force

Air Vice-Marshal D. C. T. Bennett

Aerospace talks to Prince Philip

Aerospace talks to Chris Wren

Copies of Aerospace, price 50p each (\$1.20) may be obtained from The Royal Aeronautical Society, 4 Hamilton Place, London W1V 0BQ.

WHERE YOU'RE GOING DEPENDS ON WHERE YOU'VE BEEN!

ARE YOU MISSING THE INTERESTING ARTICLES NOW APPEARING IN AEROSPACE

Gropman. The Battle of Britain and the Principles of War (Oct. 1971)

McCorkle. Number One Fighter of World War II? (Dec. 1973)
Logsdon. Selecting the Way to the Moon: the Choice of the Lunar
Orbital Rendezvous Mode (June 1971)

Eaker. As I Remember Them: Air Chiefs Patrick and Fechet (June 1973) Westover, Arnold, and Spaatz (Dec. 1973)

Baines. The Hog: a USAF Fighter that Never Fought (Sept. 1972)

Bowers. Americans in the Vietnamese Air Force: the Dirty Thirty
(Sept. 1972)

Wolk. Roots of Strategic Deterrence (Sept. 1972)

Hatch. Recruiting Americans for the Royal Canadian Air Force, 1939-1942 (March 1971)

Gray. The ABM and the Arms Race (March 1971)

Sturm. American Air Defense: The Decision to Proceed (Dec. 1972)

Mahar. CAP Serves the Nation in Peace and War (Dec. 1972)

Peragallo. Chennault: Guerrilla of the Air (March 1973) Greenhalgh. AOK Airpower over Khe Sanh (March 1972)

Anon. Dulag Luft and Clark & Cole, Dulag Luft Recalled and Revisited (June 1972)

If you're a true aviation buff, if your career is in the aerospace business, if your heritage is important to you, then you'll like AEROSPACE HISTORIAN.

It is the official journal of the Air Force Historical Foundation, a nonprofit group dedicated to preserving the traditions and publishing the history of aerospace power, with special emphasis on those of the United States Air Force. AEROSPACE HISTORIAN is published quarterly for the Foundation by Kansas State University.

It contains authoritative historical articles and photographs, book reviews, museum news, and other features stressing the importance and relevance of the lessons of the past for the present and future.

Fill out the coupon and see how truly exciting history can be. Check or money order must accompany application.

Statement of purpose for the AFHF: The purpose of the Air Force Historical Foundation is to preserve the traditions and publish the history of aerospace power with special emphasis on those of the United States Air Force. In striving to meet these goals, the Foundation relies heavily on the publication of AEROSPACE HISTORIAN and sponsorship of appropriate educational and cultural activities.

HISTORIAN

AIR FORCE HISTORICAL FOUNDATION

Department of History Kansas State University Manhattan, Kansas 66502, USA Overseas members and subscribers add one dollar for postage. Funds: all except Canadian must be in U.S. dollars.

I request membership in the Air Force Historical Foundation.

Please enter my name on the rolls of the AFHF for the period and in the manner indicated (Please check one):

Last name	First name	Initial	Rank	Sn	
Address					

Check or Money Order Enclosed

My check is enclosed for membership in the following category (Please check one):

- ☐ Junior Officers, Enlisted Men, and Students—\$7.50 per year (in Canada \$8.10)
- Institutional or Organizational Subscription—\$20.00 (in Canada \$22.00)
- ☐ Individual Members—\$15.00 (in Canada \$16.00)
- ☐ Life Membership (open only to individuals)—\$200 (in Canada \$220)

Aeronautical Journal February 1976 91

ZIP

HISTORICAL REPRINTS

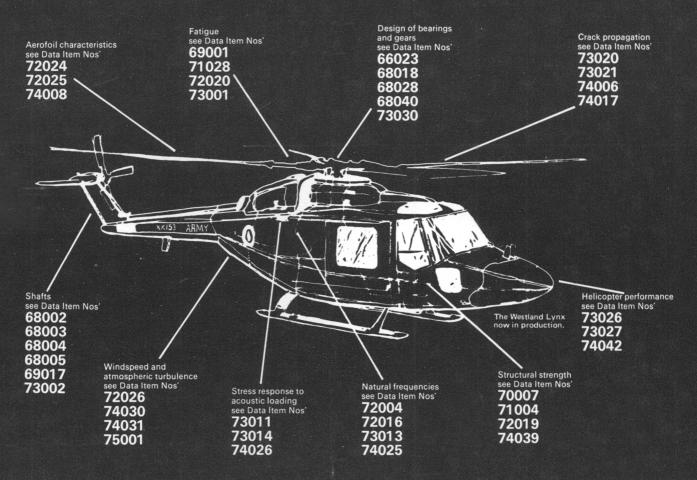
The following is	a list of historical papers that ha ava	ave been ailable as			e Ae	eronautio	cal Jou	ırn a l.	Some of them	are
Sopwith, Sir Thomas	My First Ten Years in Aviation (Out of P	rint)	•••			•••	•••	April	1961
Cave-Browne-Cave, T. R.	R101 and other Airships—The Pro	ocess of	Develop	ment			•••	•••	August	1962
Banks, F. R.	Five Decades of the Aero Engine	e	•••						November	1962
Wills, P. A.	Air Transport Auxillary: Its Place	in Aviatio	n Histo	ry (Out	of	Print)			June	1965
Bruce, J. M.	A History of Martinsyde Aircraft (Out of Pr	int)	•••		•••			September	1968
Goddard, Air Marsha Sir Victor	Per Ardua—Peradventure, A Conte Fifty Years of the RAF (Ou			of Innov	ation	ns durin 	g the F	First	October	1968
Peckham, C.	Air Photography	•••	•••		•••	•••	•••	•••	January	1969
James, Thurstan	Charles Grey and his Pungent Pe	en			•••	•••	•••		October	1969
Brown, Sir Vernon	Flying and Accidents during and b	etween th	ne Two	Wars	•••				November	1969
Hart, Clive	Mediaeval Kites and Windsocks		•••		•••				December	1969
Jarrett, P. M.	Dagenham days-A History of the	Aeronautio	cal Soc	iety's F	lying	Ground		•••	February	1970
Davies, S. D.	The History of the Avro Vulcan		•••	•••	•••			•••	May	1970
Bell, R. A.	Passenger Seaplanes and their Ba	ases	•••	•••		•••	•••	•••	September	1970
Crocombe, F. F.	Portrait of a Pioneer: J. D. North		••,				•••		October	1970
Boyle, Sir Dermot	The Royal Air Force				•••				December	1970
Russell, Dr. A. E.	Serendipity		•••	•••	•••		•••	•••	December	1970
Langley, M.	The History of Metal Aircraft Con-	struction		•••			•••		January	1971
Livock, Gp. Capt. G. E.	The Far East Flight of the Southa	mpton Fly	ing Bo	ats, 192	7/28		•••		May	1971
Sikorsky, Igor I.	Sixty Years in Flying							•••	November	1971
Jarrett, P. M.	Pilcher and the multiplane—a neg	lected as	pect of	a pione Adde			•••		May July	
Beaumont, R. P.	Experiences in Military Flying du	ring the S	Second	World	War	•••	•••		June	1972
Hart, Clive	Another Flying Dragon	•••					•••	•••	September	1972
Bazzochi, Dr. E.	Technical aspects of the Schneid seaplanes	der Troph 	y and	the w	orld 	speed 	record	for 	February	1972
Graham, R.	Brennan—his helicopter and other	r inventio	ns		•••				February	1973
Welch, Mrs. A.	Development of the Competition C	Glider	•••	•••	•••	•••	•••	•••	December	1973
Gibbs-Smith, C. H.	Sir George Cayley, Father of Aeri	ial Naviga	tion (1	773-185	7)		•••	•••	April	1974
Sproule, Lt. Cdr. J.	Making and flying replicas of Sir	George C	ayley's	gliders	•••	•••	•••	•••	July	1974
Coombs, L. F. E.	Left and right in cockpit evolution	n	•••		•••	•••	•••	• • •	November	1974
Jarrett, P. M.	Mr. Billing's war baby	• • •	• • • •						June	1975
Edwards, J. L.	By the application of power	•••	•••	•••		•••	•••	•••	February	1975
Brooks, P. W.	Why the airship failed						•••	•••	October	1975

Aeronautical Journal

Historical Group Reprints

February 1976

92



Between the sketch and the successful designyou need ESDU Data Items

Design engineers need accurate, reliable information on which to base their designs and specifications. But much of the information available in essential areas is conflicting. Values for vital parameters such as pressure drops or stress concentrations in one source often differ widely from those in another.

Unless you choose the best values, you risk over-specifying materials and dimensions, with consequent cost penalties. Or you may under-specify, which could lead to unscheduled stoppages and breakdowns.

Engineering Sciences Data Unit can help you get things right, first time.

ESDU produces thoroughly evaluated and authoritative engineering design data in

aeronautical, chemical, mechanical and structural engineering. Committees of practising engineers and scientists monitor and guide qualified ESDU staff who sift and evaluate all the available data on each topic. Sometimes hundreds of separate references are involved.

ESDU issues the results of this work as Data Items in which information is presented in a way best suited to the engineer. Graphs, tables, flow charts, equations and presentation in both British and SI units are all combined to help you to get your design and specifications drawn up precisely and accurately.

ESDU's work is sponsored by the Institutions of Chemical, Mechanical and Structural Engineers and by the Royal Aeronautical Society.

Users of ESDU Data Items may become Associates of ESDU. As an

Associate, you would be entitled to a range of valuable services. If you want to know more about ESDU and the wide range of data always available, contact us for full details.

For all your sales enquiries, write or phone:

Engineering Data Sales Limited 34 Haymarket London SW1Y 4HZ United Kingdom 01-839 3002



Telex Endasa London 916168



DECCAAVIONICS

Decca Aviation Electronics – the choice of an ever growing number of users:

Decca Doppler Navigation
Systems have been installed in
75 different types of rotary and
fixed wing aircraft and supplied
to 35 different countries.

The TANS Computer/Display is in service in a number of countries and has been ordered

by the British Ministry of Defence for a number of aircraft programmes.

The Decca Navigator is used by the Royal Air Force, British Airways and in a wide variety of fixed and rotary wing civil and military aircraft throughout the world.

Decca Loran is used by the RAF, the USAF and the US Coast Guard.

The MONA area navigation system, certified by the CAA and FAA in the Lockheed TriStar, is now in widespread airline service.

Decca provides a range of airborne VHF Nav/Comm and

DME equipment, ordered in quantity by the Ministry of Defence.

Ground equipment includes a CAA approved NDB, ILS and a Doppler/VOR Beacon recently awarded a contract by the Portuguese Directorate General of Civil Aviation. The AN/TRN-26 portable TACAN has been chosen by the Ministry of Defence (RAF).

The Decca range of equipment includes electronic warfare systems, ASMI, radio communications and Omega.

Throughout the world, Aviation relies on Decca for safety and reliability in navigation.



The Decca Navigator Company Limited 9 Albert Embankment London SE1 7SW