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(20,060)

A.R.C. Technical Report

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ROYAL AIR FORCE ESTABLISHMENT
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MINISTRY OF AVIATION

AERONAUTICAL RESEARCH COUNCIL

CURRENT PAPERS

A List of
THE JOURNALS AND PERIODICALS
to which reference is made
in
INCOMPRESSIBLE AERODYNAMICS
and
LAMINAR BOUNDARY LAYERS
together with their abbreviations

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September, 1959

The first two volumes of the Aeronautical Research Council's new series, the Fluid Motion Memoirs, contain extensive bibliographies. Incompressible Aerodynamics, edited by B. Thwaites and published by the Clarendon Press early in 1960, contains over 800 references, and Laminar Boundary Layers, edited by L. Rosenhead and due for publication about a year later, contains over 1,000 references. The majority of these references are taken from some 200 journals and periodicals which seem to cover fairly completely the field of incompressible fluid flow.

The editors of the two books have saved space in their bibliographies by referring to these periodicals in abbreviated form. Many of these abbreviations have been taken from the indispensable World List of Scientific Periodicals, the latest edition of which was published by Butterworths in 1952. No such List, however, can remain completely up-to-date, and it is not surprising that there are many periodicals connected with the ever-expanding science of aeronautics which are not yet to be found in the World List, and for which the editors have had to choose suitable abbreviations. As far as possible, these have been chosen in a way consistent with the methods of the World List.

In order to remove any possible ambiguities and to assist those who wish to consult the original works, this Current Paper gives all the abbreviations used, together with the full titles and places of origin. The editors of the two books are encouraged to hope that, in view of its coverage, this list will be of wider value and that the abbreviations which they themselves finally adopted may become generally used by scientists engaged in similar studies.

September, 1959

<u>Abbreviation</u>	<u>Full Title</u>
ACA Rep. austr. aero. Res. Comm., Melbourne	ACA Reports of the Australian Aeronautical Research Committee, Department of Supply, Melbourne. Earlier, Reports of the Australian Council for Aeronautics, Melbourne.
Acta. phys. austr.	Acta physica Austriaca, Wien.
Advanc. appl. Mech.	Advances in Applied Mechanics, New York. (Academic Press Inc., New York.)
Aeronaut. Engng Rev.	Aeronautical Engineering Review, New York. (Institute of the Aeronautical Sciences, 2, E.64th Street, New York.) Since May 1958, Aero/Space Engineering.
Aeronaut. J.	Aeronautical Journal, London. (Royal Aeronautical Society, 4 Hamilton Place, London W.1.) Since December 1922, J.R. aero. Soc.
Aeronaut. Quart.	Aeronautical Quarterly, London. (Royal Aeronautical Society, 4 Hamilton Place, London W.1.)
Aero. Notes aero. Res. Lab., Melbourne	Aerodynamics Notes of the Aeronautical Research Laboratories, Department of Supply, Melbourne.
Aero. Notes nat. phys. Lab.	Notes of the Aerodynamics Division, National Physical Laboratory, Teddington, Middlesex.
Aero. tech. Notes K. tek. Högsk., Stockholm	Technical Notes of the Kungl Tekniska Högskolan, Institutionen för Flygteknik, Stockholm.
Aerotecnica, Milano	Aerotecnica, Rome. (Via Fortuny n.20, Rome.)
AGARDograph	AGARDographs of the Advisory Group for Aeronautical Research and Development. (Palais de Chaillot, Paris 16.)
Aircr. Engng	Aircraft Engineering, London. (12 Bloomsbury Square, London W.C.1.)
Amer. J. Math.	American Journal of Mathematics, Baltimore. (Johns Hopkins Press, Baltimore 18.)
Ann. Chim. (Phys.)	Annales de chimie (et de physique), Paris.
Ann. Math., Princeton	Annals of Mathematics, Princeton. (Princeton University Press, New Jersey.)
Ann. Phys., Lpz.	Annalen der Physik, Leipzig. (Johann Ambrosius Barth Verlag, Salomonstrasse, Leipzig 13B.) Earlier, Poggendorff's Annalen.
Appl. Math. Mech. - PMM	Applied Mathematics and Mechanics - PMM. Translation of the Soviet Journal, Prikladnaya, Matematika i Mekhanika (Pergamon Press, London and New York). (see also Prikl. Math. Mekh.)

<u>Abbreviation</u>	<u>Full Title</u>
Appl. Mech. Rev.	Applied Mechanics Reviews, Easton, Pa. (20th and Northampton Streets, Easton, Pa.)
Appl. sci. Res., A. Hague	Applied Scientific Research, A. Mechanics, Heat. The Hague. (Martinus Nijhoff, The Hague, The Netherlands.)
Arch. Math., Karlsruhe	Archiv der Mathematik, Karlsruhe.
Arch. rat. Mech. Anal., Heidelberg	Archive for Rational Mechanics and Analysis, Heidelberg. (Neuenheimer, Landstrasse 28-30, Heidelberg, 17a.)
Ark. Mat. Astr. Fys.	Arkiv för matematik astronomi och fysik, Uppsala.
Astrophys. J.	Astrophysical Journal. (Univ. of Chicago) Chicago and New York.
Astrophys. norveg.	Astrophysica Norvegica, Oslo.
Atti Accad. Torino	Atti della (Reale) Accademia delle scienze, Cl. di sci. fis. mat. e nat. Torino.
Beitr. Phys. frei. Atmos.	Beiträge zur Physik der freien Atmosphäre, Leipzig.
Ber. aerodyn. VersAnst. Göttingen	Berichte der Aerodynamischen Versuchsanstalt zu Göttingen.
Ber. dtsh. VersAnst. Luftfahrt, Mülheim	Berichte der deutschen Versuchsanstalt für Luftfahrt e.V. Mülheim (Ruhr). Formerly of Berlin.
Ber. Inst. Aero.tech. Hochsch., Braunschweig	Berichte des Instituts für Aerodynamik der technischen Hochschule, Braunschweig.
Ber. Inst. Math. tech. Hochsch., Braunschweig	Berichte des Instituts für Mathematik der technischen Hochschule, Braunschweig.
Ber. Lilienthal-Ges. Luftfahrtf.	Berichte der Lilienthal-Gesellschaft für Luftfahrtforschung, Berlin.
Ber. math. Inst. Univ., Freiburg	Berichte des Mathematischen Instituts der Universität, Freiburg (i. Br.)
Betz Festschr. Göttingen	Betz Festschrift Aerodynamische Versuchsanstalt, Göttingen.
Bull. Amer. math. Soc.	Bulletin of the American Mathematical Society. (80 Waterman Street, Providence 6, R.I.)
Bull. Ass. tech. marit.	Bulletin de l'Association technique maritime (et aéronautique), Paris.
Canad. J. Phys.	Canadian Journal of Physics, Ottawa. (National Research Council, Ottawa, 2.)
Colloq. int. Cent. nat. Rech. sci.	Colloques internationaux du Centre national de la recherche scientifique, Paris. (13 Quai Anatole France, Paris VIII)

<u>Abbreviation</u>	<u>Full Title</u>
Comment. math. helvet.	Commentarii mathematici Helvetici, Zürich. (Société Mathématique Suisse, 22 Nüscherstrasse, Zürich.)
Commun. pure appl. Math.	Communications on Pure and Applied Mathematics, New York University, New York.
C.R. Acad. Sci., Paris	Comptes rendus hebdomadaires des séances de l'Académie des sciences, Paris.
Curr. Pap. aero. Res. Coun., Lond.	Current Papers of the Aeronautical Research Council, London. (National Physical Laboratory, Teddington, Middlesex.)
Dinglers J.	Dinglers polytechnisches Journal, Berlin.
Diss. eidgen. tech. Hochsch., Zürich	Dissertation der Eidgenössischen Technischen Hochschule, Zurich.
Diss. Göttingen Univ.	Dissertation, Göttingen University.
Dokl. Ak. Nauk S.S.S.R.	Akademiya Nauk S.S.S.R. Doklady, Moscow.
Dtsch. Forsch.	Deutsche Forschung aus der Arbeit der Notgemeinschaft der Deutschen Wissenschaften.
Engineer, Lond.	Engineer, London. (28, Essex Street, Strand, W.C.2.)
Engineering, Lond.	Engineering, London. (35-6, Bedford Street, W.C.2.)
Ergebn. aerodyn. VersAnst. Göttingen	Ergebnisse der Aerodynamischen Versuchsanstalt zu Göttingen.
Flugsport	Flugsport, Frankfurt a.M.
ForschArb. IngWes.	Forschungsarbeiten auf dem Gebiet des Ingenieurwesens, Berlin.
ForschBer. dtsh. Luftfahrtf.	Forschungsberichte der deutschen Luftfahrtforschung, Zentrale für wissenschaftliches Berichtswesen der Luftfahrtforschung, Berlin.
ForschHeft Ver. dtsh. Ingen., Berlin	Forschungshefte des Vereins deutscher Ingenieure, Berlin. (Prinz Georgstrasse 77, Düsseldorf.)
Geofys. Publ.	Geofysiske Publikationer, Kristiania.
Heat Transf. Fluid Mech. Inst. (1957).	1957 Heat Transfer and Fluid Mechanics Institute, held at California Institute of Technology, Pasadena, California, 19-21 June, 1957. Stanford University Press, Stanford, California.)
Ill. aero. Mitt.	Illustrierte aeronautische Mitteilungen, Berlin.
Indian J. Phys.	Indian Journal of Physics, Calcutta.

<u>Abbreviation</u>	<u>Full Title</u>
Ingen.-Arch.	Ingenieur-Archiv, Berlin. (Springer-Verlag, Reichpietschufer 20, Berlin W.35.)
J. acoust. Soc. Amer.	Journal of the Acoustical Society of America, Menasha, Wis.
J. aero. Res. Inst. Tokyo	Journal, Aeronautical Research Institute (Tokyo Imperial University, Tokyo.)
J. aero. Sci.	Journal of the Aeronautical Sciences, New York. (Institute of the Aeronautical Sciences, 2, E.64th Street, New York.)
J. aero. Space Sci.	Since July 1958, Journal of the Aero/Space Sciences.
J. Amer. chem. Soc.	Journal of the American Chemical Society, Easton, Pa.
J. appl. Mech.	Journal of Applied Mechanics. (The American Society of Mechanical Engineers, 29, W. 39th Street, New York, 18.)
J. appl. Phys.	Journal of Applied Physics. (American Institute of Physics, 57, E.55th Street, New York 22.)
Jb. dtsh. Luftfahrtf.	Jahrbuch der deutschen Luftfahrtforschung, München.
Jb. schiffbautech. Ges.	Jahrbuch der schiffbautechnischen Gesellschaft, Berlin. (Springer-Verlag, Reichpietschufer 20, Berlin W.35.)
Jb. wiss. Ges. Flugtech. (Luftf.)	Jahrbuch der wissenschaftlichen Gesellschaft für Flugtechnik (Luftfahrt), Berlin.
J. Éc. polyt., Paris	Journal de l'École polytechnique, Paris.
J. Fluid Mech.	Journal of Fluid Mechanics, Cambridge. (Cambridge University Press, 200 Euston Road, London N.W.1.)
J. Franklin Inst.	Journal of the Franklin Institute, Philadelphia. (Franklin Institute of the State of Pennsylvania, Benjamin Franklin Parkway, 20th Street, Philadelphia, 3, Pa.)
J. Math. Mech.	Journal of Mathematics and Mechanics, Indiana University. Earlier, Journal of Rational Mechanics and Analysis.
J. Math. Phys.	Journal of Mathematics and Physics, Boston.
J. Met.	Journal of Meteorology, Lancaster, Pa. (American Meteorological Society, 3 Joy Street, Boston 8.)
J. Phys. Radium	Journal de physique et le Radium, Paris. (La Société Française de Physique, 10, rue Vauquelin, Paris, 5 ^C .)

<u>Abbreviation</u>	<u>Full Title</u>
J. phys. Soc. Japan	Journal of the Physical Society of Japan, Tokyo.
JPL Rep. Cal. Inst. Tech.	Reports of the Jet Propulsion Laboratory, California Institute of Technology, California.
J.R. aero. Soc.	Journal of the Royal Aeronautical Society, London. (4 Hamilton Place, London W.1.) Before January 1923, Aeronaut. J.
J. Res. nat. Bur. Stand.	Journal of Research, National Bureau of Standards, Washington. (Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.)
J. rat. Mech. Anal., Indiana Univ.	Journal of Rational Mechanics and Analysis, Indiana University. (Bloomington, Indiana.)
J. reine angew. Math.	Journal für die reine und angewandte Mathematik, Berlin. (Walter de Gruyter and Co., Berlin W.35.) Earlier, Crelle's Journal.
J. Sci. Hiroshima Univ. Ser.A.	Journal of Science of the Hiroshima University, Hiroshima, Japan.
J. sci. Instrum.	Journal of Scientific Instruments (and of Physics in Industry), London. (47, Belgrave Square, London, S.W.1.)
J. Soc. aero. Sci., Japan	Journal of the Society of Aeronautical Science of Japan.
Jber. dtsh. MatVer.	Jahresbericht der Deutschen Mathematikervereinigung, Leipzig.
Jet Prop.	Jet Propulsion. Before 1954, Journal of the American Rocket Society. After 1958, ARS Journal (American Rocket Society, Inc., 20th and Northampton Sts., Easton, Pa.)
Luftfahrtforsch.	Luftfahrtforschung, München.
Luftwissen	Luftwissen, Deutsche Luftwacht, Berlin.
Lunds Univ. Årsskr.	Lunds Universitets Årsskrift, Lund.
Mathematika	Mathematika. (Dept. of Mathematics, University College, London, W.C.1.)
Math. Nachr.	Mathematische Nachrichten, Berlin.
Mber. K. Akad. Wiss. Berlin	Monatsberichte der Königlichen Akademie der Wissenschaften zu Berlin.
Mém. Acad. R. Sci., Paris	Mémoires de l'Académie Royale des sciences de l'Institut de France, Paris.

<u>Abbreviation</u>	<u>Full Title</u>
Mem. Accad. Lincei	Atti della (Reale) Accademia Nazionale dei Lincei, Memorie. Cl. di sci. fis. mat. e nat. Roma. (Via Della Lungara, Roma 10.)
Mém. Inst. nat. Sci. Art., Paris	Mémoires de l'Institut National des Sciences et des Arts: Sciences Mathématiques et Physiques, Paris.
Mem. Manchester lit. phil. Soc.	Memoirs and Proceedings of the Manchester Literary and Philosophical Society, Manchester.
Mémor. Sci. math.	Mémorial des sciences mathématiques, Paris.
Memor. U.S. nav. Ordnance Lab.	Memoranda of the United States Naval Ordnance Laboratory, White Oak, Silver Spring 19, Maryland.
Mém. Soc. belge Ing.	Mémoires de la Société royale belge des ingénieurs et des industriels, Bruxelles. (3 rue Ravenstein, Brussels.)
Messeng. Math.	Messenger of Mathematics, Cambridge.
Mitt. Inst. Aerodyn., Zürich	Mitteilungen, Institut für Aerodynamik Eidgenössische Technische Hochschule, Zürich.
Mitt. Max-Planck-Inst.	Mitteilungen, Max-Planck-Institut für Strömungsforschung, Göttingen.
Mon. Not. R. astr. Soc. geophys. Suppl.	Monthly Notices of the Royal Astronomical Society, Geophysical Supplement, London. (The Royal Astronomical Society, Burlington House, Piccadilly, London, W.1.)
Monogr. aerodyn. VersAnst. Göttingen	Monographien aus der Aerodynamischen Versuchsanstalt zu Göttingen.
Nachr. Ges. Wiss. Göttingen	Nachrichten von der Gesellschaft der Akademie der Wissenschaften zu Göttingen. Math.-phys. Kl., Göttingen.
Naturwissenschaften	Naturwissenschaften, Berlin. (Springer-Verlag, Reichpietschufer 20, Berlin W.35.)
Pap. Fairchild Fund, Inst. aero. Sci.	Papers of the Sherman M. Fairchild Publication Fund of the Institute of the Aeronautical Sciences. (2, East 64th Street, New York, 21.)
Pap. 7th mtg. AGARD wind Tunn. mod. test. Panel	Papers presented at the Seventh Meeting of the Wind Tunnel and Model Testing Panel of the Advisory Group for Aeronautical Research and Development, Ottawa, Canada, June, 1955. (A.G.A.R.D., Palais de Chaillot, Paris, 16.)
Phil. Mag.	Philosophical Magazine, London. (Taylor and Francis, Red Lion Court, 64 Fleet Street, London E.C.4.)

<u>Abbreviation</u>	<u>Full Title</u>
Phil. Trans.	Philosophical Transactions of the Royal Society, London. (4 Burlington House, London W.1.)
Phys. Fluids	The Physics of Fluids. (American Institute of Physics, 335 E.45th Street, New York, 17.)
Phys. Rev.	Physical Review, Cornell University, Ithaca, N.Y., and Lancaster, Pa.
Phys. Z.	Physikalische Zeitschrift, Leipzig.
Pogg. Ann.	Poggendorf's Annalen. See Annalen der Physik, Leipzig.
Preprint Inst. aero. Sci.	Preprints of the Institute of Aeronautical Sciences. (2, E.64th Street, New York.)
Prikl. Mat. Mekh.	Prikladnaya Matematika i Mekhanika, Leningrad. (Akademiya Nauk S.S.S.R., Moscow.)
Proc. Acad. Sci., Amsterdam	Proceedings of the Royal Academy of Sciences, Amsterdam.
Proc. Camb. phil. Soc.	Proceedings of the Cambridge Philosophical Society, Cambridge. (Cambridge University Press, 200 Euston Road, London N.W.1.)
Proc. Conf. high-speed Aeronaut. Poly Inst., Brooklyn	Proceedings of the Conference on High-Speed Aeronautics, held at Polytechnic Institute of Brooklyn, January, 1955. Edited by A. Ferri, N. J. Hoff and P. A. Libby.
Proc. gen. Dis. Heat Transf., Lond.	Proceedings of General Discussion on Heat Transfer. A Joint Meeting of the Institution of Mechanical Engineers and A.S.M.E., London, 11-13 September, 1951.
Proc. golden anniversary Meeting Soc. Automot. Engrs, N.Y.	Proceedings of the Golden Anniversary Meeting of the Society of Automotive Engineers, New York. (485 Lexington Avenue, New York 17,)
Proc. Instn civ. Engrs	Proceedings of the Institution of Civil Engineers, London. (Great George Street, London, S.W.1.)
Proc. Instn mech. Engrs, Lond.	Proceedings of the Institution of Mechanical Engineers, London. (1 Birdcage Walk, London S.W.1.)
Proc. Lond. math. Soc.	Proceedings of the London Mathematical Society, London. (Oxford University Press, Amen House, Warwick Square, London E.C.4.)
Proc. nat. Acad. Sci., Wash.	Proceedings of the National Academy of Sciences, Washington.

<u>Abbreviation</u>	<u>Full Title</u>
Proc. phys. Soc. Lond.	Proceedings of the Physical Society (of London). (Physical Society, 1, Lowther Gardens, Prince Consort Road, London, S.W.7.)
Proc. R. Irish Acad.	Proceedings of the Royal Irish Academy, Dublin. (19, Dawson Street, Dublin.)
Proc. Roy. Soc.	Proceedings of the Royal Society, London. (4 Burlington House, London W.1.)
Proc. -th Symp. appl. Math.	Proceedings of Symposia in Applied Mathematics of the American Mathematical Society, New York. (80 Waterman Street, Providence 6, R.I.)
Proc. Symp. boundary layer effects Aerodyn., nat. phys. Lab.	Proceedings of the Symposium on Boundary Layer Effects in Aerodynamics, National Physical Laboratory, Teddington, 1955.
Proc. Symp. boundary layer Res., Int. Union theoret. appl. Mech.	Boundary Layer Research edited by H. Görtler. International Union of Theoretical and Applied Mechanics Symposium, 1957, Freiburg (i. Br.) (Published by Springer-Verlag, Reichpietschufer 20, Berlin W.35, 1958.)
Proc. -th anglo-amer. aero. Conf. R. aero. Soc.	Proceedings of the -th Anglo-American Aeronautical Conference, organised by the Royal Aeronautical Society, London. (4 Hamilton Place, London W.1.)
Proc. -th int. Congr. appl. Mech.	Proceedings of the -th International Congress for Applied Mechanics.
Proc. -th Japan nat. Congr. appl. Mech.	Proceedings of the -th Japan National Congress for Applied Mechanics. (National Committee for Theoretical and Applied Mechanics, Science Council of Japan.)
Proc. -th midwest Conf. Fluid Mech.	Proceedings of the -th Widwestern Conference on Fluid Mechanics.
Proc. -th Symp. nav. Hydr., Wash.	Proceedings of the -th Symposium on Naval Hydrodynamics, Washington, D.C. (National Academy of Sciences - National Research Council, Washington, D.C.)
Proc. -th U.S. nat. Congr. appl. Mech.	Proceedings of the -th U.S. National Congress on Applied Mechanics. (American Society of Mechanical Engineers, 29, W.39th Street, New York 18, N.Y.)
Publ. Inst. Weath. Clim. Res., Oslo	Publications of the Institute for Weather and Climate Research, Oslo.
Publ. Off. nat. Étud. aéro.	Publication de l'Office National d'Études et de Recherches Aéronautiques, Paris. (25 Avenue Division Leclerc, Châtillon sous Bagneux (Seine).)

<u>Abbreviation</u>	<u>Full Title</u>
Publ. sci. Minist. Air	Publications scientifiques et techniques du Ministère de l'Air, Paris. (Service de Documentation et d'Information Technique, Magasin C.T.O., 2, Avenue de la Porte-d'Issy, Paris, 15.)
Quart. appl. Math.	Quarterly of Applied Mathematics. (Brown University, Providence 12, R.I.)
Quart. J. Math.	Quarterly Journal of Mathematics, Oxford Series, Oxford. (Oxford University Press, Amen House, Warwick Square, London E.C.4.)
Quart. J. Mech.	Quarterly Journal of Mechanics and Applied Mathematics, Oxford. (Oxford University Press, Amen House, Warwick Square, London E.C.4.)
Quart. J. R. met. Soc.	Quarterly Journal of the Royal Meteorological Society, London. (49, Cromwell Road, London, S.W.7.)
Rapp. Cons. perm. int. Mer.	Rapports et Procès-Verbaux du Conseil Permanent International pour d'Exploration de la Mer, Paris.
R.C. Circ. mat. Palermo	Rendiconti del Circolo matematico di Palermo.
Rech. aéro.	Recherche Aéronautique, Paris. (O.N.E.R.A., 25 Avenue Division Leclerc, Châtillon sous Bagneux (Seine).)
Rep. Admir. Res. Lab.	Reports of the Admiralty Research Laboratory, Teddington, Middlesex.
Rep. aero. Res. Coun., Lond.	Reports of the Aeronautical Research Council, London. (National Physical Laboratory, Teddington, Middlesex.) Earlier, Aeronautical Research Committee.
Rep. aero. Res. Inst., Tokyo	Reports of the Aeronautical Research Institute, Tokyo Imperial University, Tokyo.
Rep. aero. Res. Lab., Melbourne	Reports of the Aeronautical Research Laboratories, Department of Supply, Melbourne.
Rep. Cal. Inst. Tech.	Reports of the California Institute of Technology, California.
Rep. centr. aerohydro. Inst., Moscow	Reports of the Central Aerohydrodynamical Institute, Moscow.
Rep. Coll. Aero., Cranfield	Reports of the College of Aeronautics, Cranfield.
Rep. Cornell aero. Lab., N.Y.	Reports of the Cornell Aeronautical Laboratory, Inc., Buffalo, New York.
Rep. Dept aero. Engng, Penn. State Univ.	Reports of the Department of Aeronautical Engineering, Pennsylvania State University, State College, Pennsylvania.

<u>Abbreviation</u>	<u>Full Title</u>
Rep. Douglas Aircr.	Reports of the Douglas Aircraft Company, Inc. El Segundo, California.
Rep. Inst. high-speed Mech., Tohoku	Reports of the Institute of High-speed Mechanics, Tohoku University, Sendai, Japan.
Rep. Memor. aero. Res. Coun., Lond.	Reports and Memoranda of the Aeronautical Research Council, London. (National Physical Laboratory, Teddington, Middlesex.) Before April, 1945, Aeronautical Research Committee.
Rep. nat. adv. Comm. Aero., Wash.	Reports of the National Advisory Committee for Aeronautics, Washington. (National Aeronautics and Space Administration, Washington.)
Rep. nat. Luchtvlab., Amsterdam	Reports of the National Luchtvaartlaboratorium, Amsterdam.
Rep. Northrop Aircr.	Reports of the Northrop Aircraft, Inc., Hawthorne, California.
Rep. Power Jets	Reports of Power Jets (Research and Development) Ltd., London.
Rep. Taylor Model Basin, Wash.	Reports of the David Taylor Model Basin, Washington.
Rep. Trans. nat. Luchtvlab., Amsterdam	Reports and Transactions, National Luchtvaartlaboratorium, Amsterdam.
Rep. United Aircr. Corp.	Reports of the United Aircraft Corporation, East Hartford, Connecticut.
Rep. U.S. nav. Ordnance Lab.	Reports of the U.S. Naval Ordnance Laboratory. (White Oak, Silver Spring 19, Maryland.)
Res. Memor. nat. adv. Comm. Aero., Wash.	Research Memoranda of the National Advisory Committee for Aeronautics, Washington. (National Aeronautics and Space Administration, Washington.)
Rev. sci. Instrum.	Review of Scientific Instruments, New York.
Schiff und Hafen	Schiff und Hafen, Hamburg.
Schr. dtsh. Akad. Luftfahrtf.	Schriften der deutschen Akademie der Luftfahrtforschung, Berlin.
Schr. Inst. angew. Math. Univ., Berl.	Schriften des Mathematischen Seminars und des Instituts für angewandte Mathematik an der Universität, Berlin.
Schweiz. Bauztg.	Schweizerische Bauzeitung, Zürich. (W. Jegher & A. Ostertag, Diana-strasse 5, Zürich.)
Sci. Rec., Moscow State Univ.	Scientific Records, Moscow State University.
Semi-centenn. Publ. Amer. math. Soc.	Semi-centennial publications of the American Mathematical Society. (80, Waterman Street, Providence, Rhode Island.)

<u>Abbreviation</u>	<u>Full Title</u>
Sov. Phys. - Dokl.	Soviet Physics - "Doklady". A Translation of the Physics Section of the Proceedings of the Academy of Sciences of the U.S.S.R. (American Institute of Physics, Inc., New York.) (see also Dokl. Ak. Nauk. S.S.S.R.)
Sov. Phys. - JETP	Soviet Physics - JETP. A Translation of the Journal of Experimental and Theoretical Physics of the Academy of Sciences of the U.S.S.R. (American Institute of Physics, Inc., New York.) (see also Zh. Eksp. Teor. Fiz.)
Sov. Phys. - tech. Phys.	Soviet Physics - Technical Physics. A Translation of the Journal of Technical Physics of the Academy of Sciences of the U.S.S.R. (American Institute of Physics, Inc., New York.) (see also Zh. Tekh. Fiz.)
Tech. Memor. nat. adv. Comm. Aero., Wash.	Technical Memoranda of the National Advisory Committee for Aeronautics, Washington. (National Aeronautics and Space Administration, Washington.)
Tech. Notes Inst. Fluid Dyn. appl. Math., Univ. Maryland	Technical Notes of the Institute for Fluid Dynamics and Applied Mathematics, University of Maryland. (College Park, Maryland.)
Tech. Notes nat. adv. Comm. Aero., Wash.	Technical Notes of the National Advisory Committee for Aeronautics, Washington. (National Aeronautics and Space Administration, Washington.)
Tech. Notes nat. Aero. Space Admin., Wash.	Technical Notes of the National Aeronautics and Space Administration, Washington.
Tech. Rep. acro. Engng, Penn. State Univ.	Technical Reports of the Department of Aeronautical Engineering, Pennsylvania State University.
Tech. Rep. H.Q. Air Material Command, Dayton	Technical Reports of the Headquarters of the Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio.
Tech. Rep. Wright Air Dev. Center	Technical Reports of the Wright Air Development Center, Air Research and Development Command. (Wright-Patterson Air Force Base, Dayton, Ohio.)
Thesis Cornell Univ.	Thesis Cornell University, Ithaca, New York.
Thesis Mass. Inst. Tech.	Thesis Massachusetts Institute of Technology, (Cambridge, Mass.)
Thesis Oxford Univ.	Thesis Oxford University.
Trans. Amer. Soc. mech. Engrs	Transactions of the American Society of Mechanical Engineers, New York. (29, W.39th Street, New York 18.)

<u>Abbreviation</u>	<u>Full Title</u>
Trans. Camb. phil. Soc.	Transactions of the Cambridge Philosophical Society, Cambridge. (Cambridge University Press, 200 Euston Road, London, N.W.1.)
Trans. Instn. nav. Archit., Lond.	Transactions of the Institution of Naval Architects, London. (10 Upper Belgrave Street, London S.W.1.)
Trans. roy. Soc. Can.	Transactions of the Royal Society of Canada, Ottawa.
Trans. Soc. nav. Archit., N.Y.	Transactions of the Society of Naval Architects and Marine Engineers, New York. (74 Trinity Place, New York 6.)
Untersuch. Mitt. dtsh. Luftfahrtf.	Untersuchungen und Mitteilungen der deutschen Luftfahrtforschung, Zentrale für wissenschaftlicher Berichtswesen Luftfahrtforschung, Berlin.
Verh. -te int. Math.-Kongr., Heidelberg	Verhandlung des -ten internationalen Mathematiker-Kongresses, Heidelberg. (Teubner, Leipzig.)
Wartime Rep. nat. adv. Comm. Aero., Wash.	Wartime Reports of the National Advisory Committee for Aeronautics, Washington. (National Aeronautics and Space Administration, Washington.)
Werft, Reed., Hafen	Werft, Reederei, Hafen, Berlin.
Wind Tunn. Notes Aircr. Res. Assoc., Bedford	Wind Tunnel Notes of the Aircraft Research Association Ltd. (Manton Lane, Bedford.)
Z. angew. Math. Mech.	Zeitschrift für angewandte Mathematik und Mechanik, Berlin. (Akademie-Verlag, Mohrenstrasse 39, Berlin W.8.)
Z. angew. Math. Phys.	Zeitschrift für angewandte Mathematik und Physik, Basel. (Verlag Birkhäuser A.G., Basel 10.)
Z. Flugtech.	Zeitschrift für Flugtechnik und Motorluftschiffahrt, München, Berlin.
Z. Flugwiss.	Zeitschrift für Flugwissenschaften, Braunschweig.
Zh. Eksp. Teor. Fiz.	Zhurnal Eksperimentalnoi I Teoreticheskoi Fiziki. (Akademiya Nauk S.S.S.R., Moscow.)
Zh. Tekh. Fiz.	Zhurnal Technicheskoi Fiziki. (Akademiya Nauk S.S.S.R., Moscow.)
Z. Math. Phys.	Zeitschrift für Mathematik und Physik, Leipzig.

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