

The book noticed here, *Design in Motion*, has five chapters: Pictures in Time; Art and Movement — A History; Contemporary Styles; The Workshop; and The International Panorama; and an Index of Names and Titles. What makes the book is its picture panoply of present-day styles drawn from productions of studios in Brazil, Canada, China, Czechoslovakia, France, Germany, Great Britain, Holland, Hungary, Italy, Japan, Poland, Roumania, Spain, USSR, USA and Yugoslavia. The authors express their gratitude to the International Animated Film Association.

If the professional or the devotee cannot see many of these films, he will get the next best thing in this well-printed book from Great Britain.—V.H.A.

Books, Booklets and Brochures

The **PLI Lens Test Wall Chart** designed by Photo-Lab-Index Editorial Board is published by Morgan & Morgan Inc., Publishers, 101 Park Ave., New York 17. It is priced at \$2.00. Described as "the simplest test chart ever designed," it is based on the scientific target first designed by the Bureau of Standards. The wall chart provides tests for resolving power, spherical aberration, chromatic aberration, curvature of field, astigmatism, coma, distortion, and lateral color.

Two new books of special interest have been announced by Gordon and Breach Science Publishers, 150 Fifth Ave., New York 11. *Linguistic Analysis and Programming for Mechanical Translation: Mechanical Trans-*

lation and Thought, edited by Silvio Ceccato, reports on a research program carried out for the U.S. Air Force by members of the Center for Cybernetic and Linguistic Research, University of Milan. The translating procedure consisted of a double conversion — from the input language (Russian) into the correlational structures of thought, and from these structures into the output language (English). It is priced at \$7.50.

Programming for Digital Computers: Putting Computers to Profitable Use, by J. F. Davison, is intended as a practical introduction to the writing of programs for digital computers. Program examples are given, relating both to technical calculations and business data processing. Descriptions are given of variations of different types of computers and of various pieces of peripheral equipment such as card readers, fast printers, and magnetic-tape decks. The book is priced at \$6.00.

Proceedings of the Convention on Television and Film Techniques (86 pp. 10 by 7½ in. Illus., diagrams, tables. Paperbound. Price, 10/ 6d) is available from The Administrative Secretary, The Television Society, 166 Shaftesbury Ave., London, W.C.2.

The contents include the opening address of the convention by Sir Harold Bishop, President of the Television Society, and seven papers: "The Use of Videotape for Colour Television Recording," by J. Roizen; "A New Rapid Processing Equipment," by B. J. Davies; "Recent Progress in the 'SECAM' FM Colour Television System," by J. Polonsky, P. Cassagne and M.M. Sauvanet; "Thermoplastic Recording," by Dr. W. E. Glenn; "Recent Developments on the Eidophor Large Screen Projector," by Prof. E. Baumann; "Colour Television Engineering: Studio Problems and Techniques," by A. R. Stanley and J. Treays; and "Colour Television Engineering: Equipment Problems and Techniques," by A. R. Stanley and S. N. Watson.

The convention, held April 20–21, 1961, was jointly sponsored by the British Kinematograph Society and the Television Society.

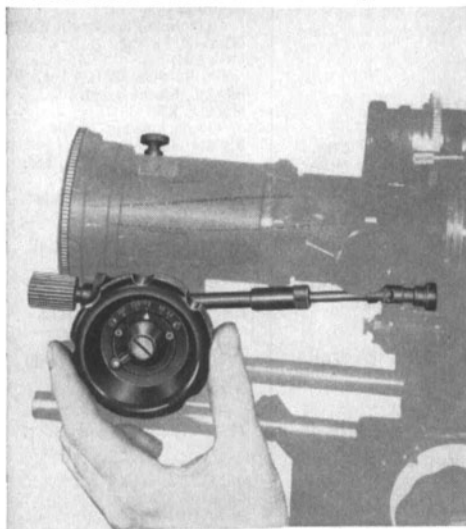
A **bibliography of Civil War films** produced in the United States since 1897 is available from the Superintendent of Documents, Government Printing Office, Washington 25, D.C. Entitled *The Civil War in Motion Pictures*, motion pictures listed in the bibliography deal with events of the period 1855–1970, showing immediate causes of the war, and events of the Reconstruction period as well as the war years. The 109-page list is arranged alphabetically by title and includes information on production and release, credits and cast (if available), and description (running time, black-and-white or color, sound or silent, and width). The price is 60 cents. A sheet listing this and other publications relating to the Civil War is available from the Government Printing Office upon request.

The 1962 Tube Caddy—Tube Substitution Guidebook (2d ed.) by H. A. Middleton is published by John F. Rider Publisher, Inc., 116 W. 14 St., N.Y. It is priced at 90 cents. The 64-page paperbound book lists more

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Kodak
TRADE MARK

He has been a Navy jet jockey, but now he has to make film for observing flying vehicles rarely ridden in.



He became interested in photographic technique while working for Kodak after school, but now he is a customer and a tough one.

J. A. Otto (left) of Kodak meets W. W. Topping at an up-range tracking telescope station. As the man in control of Kodak Linagraph Shellburst Film for cinetheodolites, Mr. Otto has come out from Rochester to the New Mexico desert to describe in detail to Mr. Topping certain changes he has made in the product. They involve hardening of the emulsion for high-temperature processing and an increase in the ratio of red- to blue-sensitive to increase the precision of measurements on distant orange-painted objects against the blue sky. Mr. Topping is supervisor of the photographic group of Land-Air, Inc., range data-gathering contractors at White Sands Missile Range.

On a busy day, Ward Topping may have to put through film from 18 missile missions, each covered by perhaps 25 cameras along the range. All the footage has to be delivered ready to read by seven the next morning, and the data-evaluation contractor has to like the quality. All John has to do is make the film that goes in the cameras good enough for Ward to like it. It's called **Kodak Linagraph Shellburst Film** and is available to all from Kodak dealers in 16mm, 35mm, and 70mm widths.

Photorecording Methods Division

EASTMAN KODAK COMPANY, Rochester 4, N. Y.

This ad ran a little while back.

After John came home from that junket, the wheels started to whir around here.

Upshot: The SHELLBURST emulsion (Is there any other designed uniquely for cinetheodolites, with such extreme acutance and exposure latitude?) now comes on ESTAR Base. This, of course, cuts way down on dimensional change and on brittleness under desert and frigid conditions. Also, it now dries faster and without curl.

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than 4,000 direct substitutions for commonly used tubes. The four sections in the first edition covering receiving tubes have been expanded and brought up to date. A fifth section has been added, listing 1,300 picture tube substitutions.

The Engineering Index, United Engineering Center, 345 East 47 St., New York 17, has announced publication of a new monthly bulletin with the first issue scheduled to appear in October, 1962. The annual subscription is \$250, but a "charter subscriber" arrangement is offered whereby 15 issues, beginning in October, would be mailed the charter subscriber for the same price as the 12-month annual subscription. *The Engineering Index* is revised and brought up to date each year. The 1961 edition, mailed to subscribers about the middle of June, contains more than 38,000 annotated references selected from more than 1800 technical and engineering publications from 44 countries. Published in about 20 languages other than English all foreign language papers noted in the Index have been translated into English. The Index is priced at \$75. The new bulletin will have comprehensive coverage of rapidly developing technology in all engineering fields.

ASTM Standards on Materials for Electron Tubes and Semiconductor Devices is a publication of the American Society for Testing and Materials (ASTM), 1961 Race St., Philadelphia 3. This is a revised and enlarged edition of a compilation first published in 1957. Fields covered include materials for constructing all parts of electron tubes; chemical analysis of electronic nickel; general methods of test for metals; semiconductors; and extreme cleanliness of surfaces. The book (6 by 9 in., 392 + xii pp., hard cover) is available from ASTM at \$7.00.

Methods of Encouraging the Production and Distribution of Short Films for Theatrical Use, by Paul Légilise, is No. 36 in the series. Reports and Papers on Mass Communication published by the Mass Communications Techniques Division of Unesco. Mr. Légilise, who is head of the cultural and short films service of the Centre National de la Cinématographie Française, has based his report on a Round Table, organized with Unesco's cooperation at Venice in 1960 in conjunction with the Biennale of Cinematographic Art at the Festival of Venice. The theme of the Round Table discussion was the methods adopted in different countries to encourage the production and distribution of short films for theatrical use. The author has amplified and brought up to date information presented at the Round Table and has drawn certain conclusions. The report is available from Unesco Publications Center, 801 Third Ave., New York 22, at 50 cents.

Films Incorporated, a subsidiary of Encyclopedia Britannica Films Inc., 1150 Wilmette Ave., Wilmette, Ill., has issued a 160-page catalogue listing more than 1,500 16mm films that can be rented for non-theatrical showing. The listing includes full-length feature films and short subject made by Hollywood's major studios.

More than 300 feature films and a number of short subjects are available in CinemaScope.

A cleverly designed brochure for "people who don't read brochures" is available upon request from Keitz & Herndon, Inc., 3601 Oak Grove, Dallas, Tex. The theme of the brochure, which consists of photographs with brief captions, is that Dallas, Tex., is a good location site for the making of motion pictures. According to one caption, ". . . down here people think smog is a rum drink."

Video Tape Playback is a new publication of the Magnetic Products Div., 3M Co., 2501 Hudson Rd., St. Paul 19, Minn. Published quarterly, it is technically oriented, but editorial in style, treating subjects of interest to engineers, operating personnel, and sales and administrative staffs. The first issue contains a case history on splicing technique, an article on the SMPTE Recommended Practice on magnetic head tip penetration, and a discussion of video-tape storage. It is available from the publishers upon request.

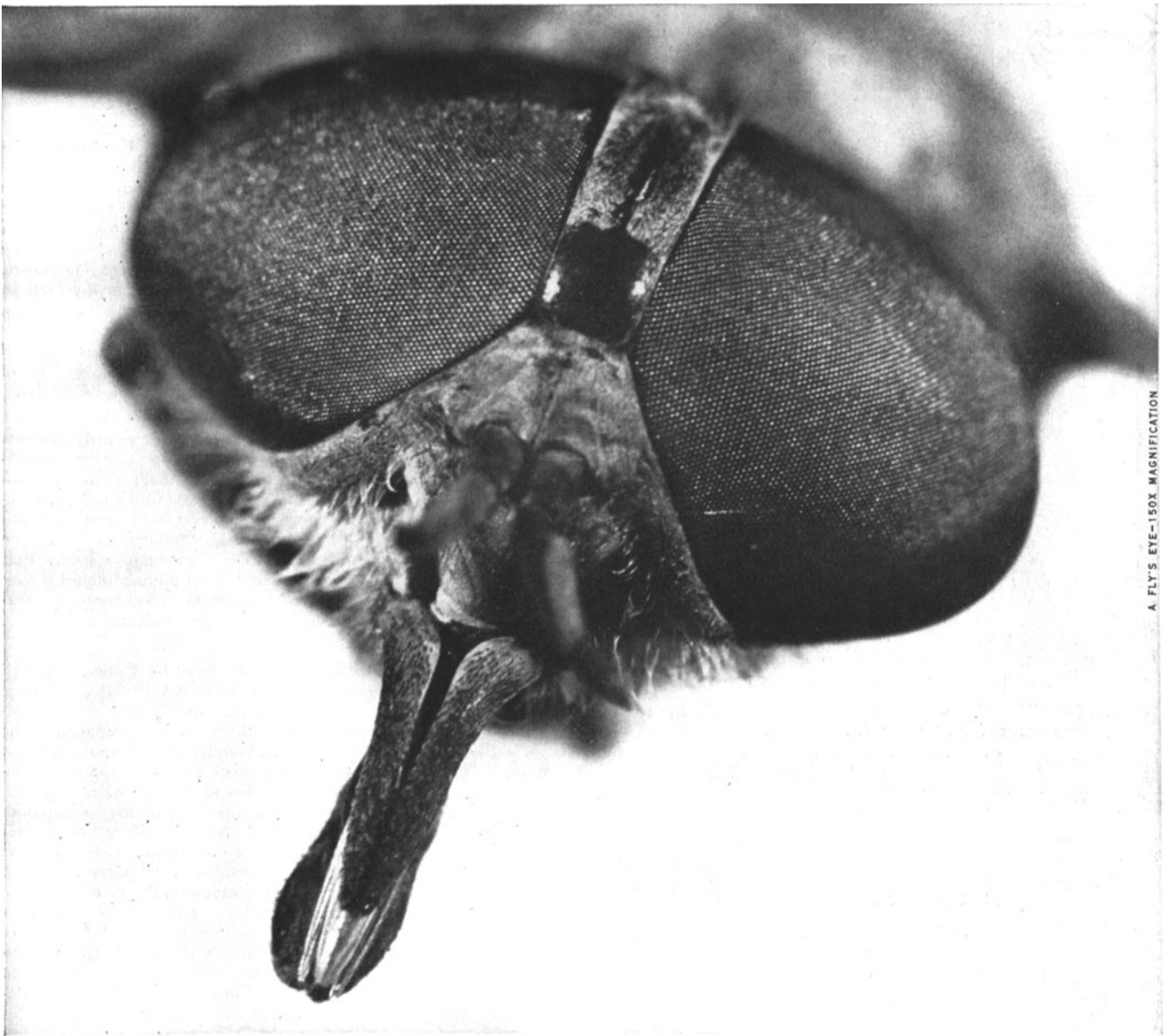
The Arriflex-16 is described in a 16-page illustrated booklet available upon request from the Arriflex Corp. of America, 257 Park Ave. South, New York 10. An accompanying 4-page leaflet lists prices, accessories and associated equipments. The booklet, revised from an earlier edition, contains a complete description of the camera illustrated by numerous photographs, drawings and diagrams. Details of all improvements and additions are given. The booklet also contains a list of names of several hundred noted users of Arriflex equipment in the Armed Forces, government agencies, educational and industrial institutions, film producers, etc.

Tel-Animaprint, a hot press title machine for titling and artwork is described in a 4-page illustrated leaflet available from S.O.S. Photo-Cine-Optics, Inc., 602 W. 52 St., New York 19. The leaflet also describes accessories and animation equipment.

The manufacturing program of Photovolt Corp., 1115 Broadway, New York 10, N.Y., is described in its General Bulletin 100 available upon request. Among the new instruments shown in the bulletin are the Microcord recorder and the Omni-Range Expanded Scale pH Meter Model 180.

Sixty color light filters made of Cinemoid, a heat-resistant and waterproof material developed for use with floodlights and spotlights of all wattages, are described in a 6-page illustrated folder available upon request from Kliegl Bros., 321 W. 50 St., New York 19. The folder also gives information on gelatin, stripped glass, metal frames, round frames and glass roundels.

Specialized ColorTran photographic equipments and specialized Mole-Richardson lighting equipments are shown on illustrated leaflets available upon request from S.O.S. Photo-Cine-Optics, Inc., 602 W. 52 St., New York 19.



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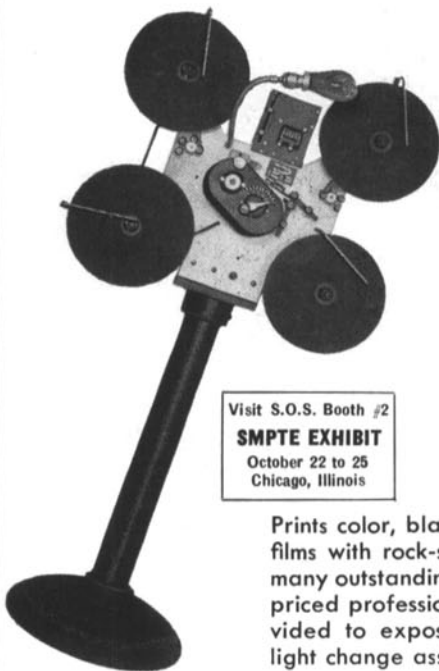


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ColorTran equipment shown includes lamps, converters and a motion-picture lighting kit. Mole-Richardson equipments include pedestal and overhead lamps and lighting equipment.

A paper on "Lighting Equipment for Photoinstrumentation in Hazardous Areas," by Richard Glickman, has been reprinted and is available upon request from ColorTran Industries, 630 S. Flower St., Burbank, Calif. Mr. Glickman is the firm's Director of Engineering. The paper, which discusses safety factors involved in supplying light for projects requiring high levels of illumination under hazardous conditions, was presented at the 7th Annual Technical Symposium of the Society of Photographic Instrumentation Engineers.

Static standby a-c power supply systems are described in a 4-page illustrated technical bulletin (Form 6639) available from Exide Industrial Marketing Division, Electric Storage Battery Co., Rising Sun and Adams Avenues, Philadelphia 20. The bulletin describes modular systems that have as their basic building blocks silicon controlled rectifiers, nickel-cadmium stationary batteries, and battery chargers.

The Giannini Scientific Corp., 63 Wall St., New York 5, has issued a 12-page illustrated booklet briefly describing activities of its six member companies. The corporation, founded in 1959, holds 80% or more of the stock of six companies, independently operated. According to the booklet, "... each of the companies represents a portion of a congruous coordinated organization guided by the long range planning of the parent." One of the member companies, Flight Research, of Richmond, Va., founded in 1946, is engaged in the design and manufacture of specialized cameras for photographic data recording. The firm's Western Division at Santa Ana, Calif., is engaged in the development of film reading equipment, including code readers, specialized viewers and projectors and also provides custom engineering services. Other member companies are: Hammarlund Manufacturing Company, Inc., Micro Balancing, Inc., Plasmadyne Corp., Telemet Corp. and Wiley Electronic Products Co.

The Space Vacuum Laboratory, newly expanded by National Research Corp., is described in a 12-page illustrated booklet. The laboratory contains an array of ultra-high vacuum chambers (reaching 10^{-10} torr — equivalent to 500 mi above the Earth). These are used by government and industry for testing components, materials and devices in the space environment. The brochure is available upon request from John V. E. Hansen, Contracts Manager, Research Div., National Research Corp., 70 Memorial Dr., Cambridge, Mass.

Illustrated sheets describing recently announced equipments are bound in a loose-leaf notebook available upon request from Red Lake Laboratories, Inc., 564 San Xavier, Sunnyvale, Calif. Equipments described include the Hycam 16mm high-speed camera; the EZL-Titlet; the Milli-

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Mite Timing Light Generator; and high-speed cameras produced by Avco and by the Cordin Co. of Salt Lake City, distributed by Red Lake. Illustrations are drawings and photographs and descriptions include performance specifications, price and other relevant information.

A glossary of terms used in animation production has been published by Quartet Films, Inc., 5631 Hollywood Blvd., Hollywood 28, and is available upon request. The booklet has a lively style and could serve as a useful reference particularly to the amateur producer. Some of the material and spelling seems to vary slightly from the preferences of others in the field (for example "in synch" rather than the more usual "sync"), but by and large it should serve as a convenient and useful reference.

Catalog No. 6 of Professional Electronic Projects is available without charge from Henry Francis Parks Laboratory, P.O. Box 1665, Lake City Station, Seattle 55, Wash. Circuitry, parts lists and notes for the construction of various devices and equipments are offered at prices ranging from \$1.00 to \$10.00.

The Corrector current regulator, a solid state, two-terminal device that limits current to a constant value, is described in an 8-page brochure, "Application Notes — Corrector Current Regulators" (No. A-500), available from the Sales Dept., CircuitDyne Corp., P.O. Box 96, Laguna Beach, Calif. The brochure describes operating characteristics and is illustrated by diagrams showing circuit applications.

Illustrated leaflets available from Flight Research, Inc., P.O. Box 1-F, Richmond 1, Va., describe a simplified processing method (PoroMat) and a variable shutter exposure control, Model 263, for use on the firm's Model IV Series Multidata 35mm camera. The processing method consists of a presaturated mat, manufactured by Photo Dynamics, Inc., which is brought into contact with exposed film to give monobath developing and fixing to provide finished film in a short time. The leaflets are available upon request.

A 148-page illustrated catalogue (No. 662-A) of photographic and instrumentation equipment is available from Burke & James, Inc., 321 S. Wabash Ave., Chicago 4. Hundreds of items of equipment for commercial, industrial, scientific and graphic arts applications are listed and prices given.

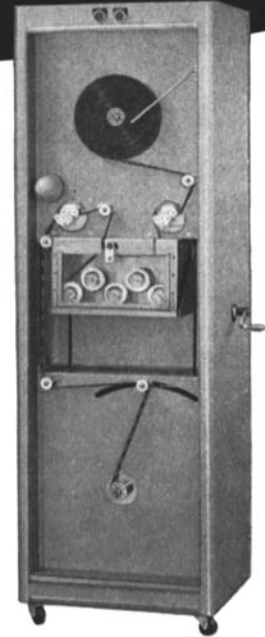
The 1962-1963 edition of the NAVA Membership List contains names and addresses of 487 dealers (members of NAVA) supplying audio-visual equipment in the United States and Canada. Dealers are listed by geographic location and each dealer listing is coded to identify where the user can find each of 15 types of audio-visual equipment for rental, what types of films are available, and which services are offered. Single copies of the 30-page list are available without charge from the National Audio-Visual Association, 1201 Spring St., Fairfax, Va.

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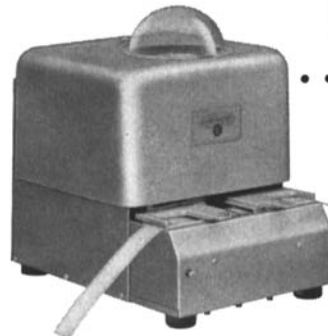
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