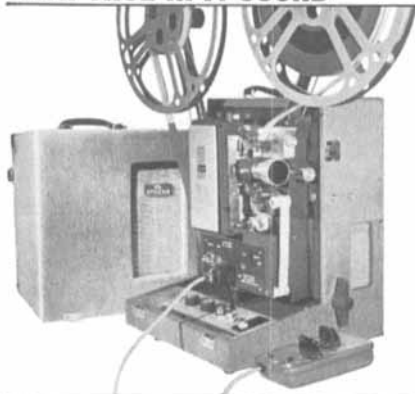


THE MATCHLESS FLICKERLESS WITH TRUE HI-FI SOUND



L-W 16mm ATHENA for stop-motion analysis and theater-quality sound projection!

BRIGHTEST PICTURE

Twice as bright as competitive equipment. Faster pull-down permits wider aperture, lets more light through.

SMOOHEST, QUIETEST OPERATION

Smooth-as-cream, flicker-free projection at all speeds: 1, 2, 4, 6, 8, 12, 16, 24 fps. And no noisy, image-jarring solenoids in the drive.

BEST SOUND

The only flickerless projector with high-fidelity, all-solid-state sound. Full 30—20,000 cps audio range. No tubes to burn out, no waiting for warm-up. Exclusive focussing exciter lamp lets you "fine tune" sound.

BEST CONSTRUCTION

This is the rugged, dependable Eastman Pageant, built in America entirely of American-made parts and re-engineered by L-W for absolutely flicker-free projection.

BEST TRACK RECORD

The most widely used flickerless sound projector in the world—made by the world's largest, most experienced manufacturer of flickerless equipment.

BEST SERVICE

Factory-trained personnel at L-W factory service centers are always ready to give you fast, expert help.

- Unlimited hold time for stills—no film damage, no loss of brightness.
- Precise frame rates.
- Instant stop, start, change of direction.
- One-handed remote control of speed, direction and single-frame projection.
- Illuminated digital frame counter.
- Heavy-duty, fold-up reel arms handle 100' to 2000' reels.
- Mike and phono inputs.
- UNCONDITIONAL GUARANTEE.

WRITE FOR FURTHER INFORMATION AND DEMONSTRATION

L-W PHOTO, INC.



15453 Cabrito Road
Van Nuys, California 91406
Phone: (213) 781-0457

Obituaries



Lloyd F. Ryan

Lloyd F. Ryan died February 22, 1967, at the age of 57. At the time of his death he was Assistant to the Director, IIT Research Institute. He attended Reed College and was graduated in 1933 with the degree of Bachelor of Arts. Following graduation he continued his studies at Reed College. Later he studied in Switzerland at the Swiss Federal Institute of Technology where he was granted the degree of Doctor of Philosophy. From 1937 to 1941 he was with Bell & Howell and in 1941 he joined the United States Air Force where he attained the rank of Lieutenant Colonel. Following the war he went to Washington, D.C., where he was assigned to the Air Attache Branch in the Pentagon. Later he was assigned to the Office of Deputy Chief of Staff, Development. In 1957 he joined General Electric Co. in Dewitt, N.Y., as a specialist in business development operation where he remained until 1965 when he joined IIT Research Institute. He had been a member of the Society for about 20 years.

During 1966 and 1967 he was a member of the Board of International Electron Magnetics. Membership in organizations other than the Society included Rotary

Club No. 1, Chicago, Optical Society of America, German Engineering Society, German Aero-Space Society, Executives' Club of Chicago and the American Institute of Aeronautics and Astronautics.



Jack Asher

John Edward (Jack) Asher died March 11, 1968, at the age of 66. He was a native of New York and attended City College. Since 1950 he had owned and operated Lab-TV, now located at 723 Seventh Ave., New York. Prior to founding Lab-TV, he had been employed by Gevaert Co. of America. Earlier, he had worked for the *New York Sun* as photographer and editor of the Photo Page. During World War II he had been attached to the U.S. Navy as purchasing agent for ships stores. He had been a member of the Society since 1953. Among his activities in behalf of the Society was service as Registration Chairman for the Society's 101st Conference in New York. He also contributed actively to the work of the Association of Cinema Laboratories.

According to those who worked with him in Lab-TV and his many friends in the Society he will be long remembered for the warmth and friendliness of his personality and will be greatly missed.



DENVER, Apr. 16—The April meeting of the Denver Section, held at Lowry Air Force Base, Denver, Colo., was attended by 8 members. Lt. R. A. Schenkein and Lt. Mitchell presented the evening's topic, aerial photography, through a combined briefing and tour of the base facilities. The briefing touched on various topics including "Quality Control in the Precision Processing Laboratory," "The Use of the Diffusion Transfer Process in Aerial Photographic Reconnaissance," "The Mobile Precision Photographic Processing Facility" and "The Photographic Engineering Branch of the Ground and Aerial Camera Systems and Support Equipment." — R. S.

Wise, *Secretary-Treasurer*, Ball Brothers Research Corp., Boulder, Colo.

HOLLYWOOD, Apr. 15—E. Carleton Winckler, Director of Production Standards and Practices at CBS-TV, New York, spoke to the Hollywood Section meeting of 250 members at the NBC Burbank Studios. His topic, "Lighting for Color Television," was illustrated by two films: *Color and Brightness Contrasts in Color Television* and *Color By Design*. These films outlined many of the problems of producing quality pictures from the production side and offered suggestions for avoiding or solving the problems. Lighting, make-up, fabrics and scene design were touched upon,