

## Section Meeting

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### Central

R. T. Van Niman presided over the December 9, 1948, meeting of the Central Section, which was held at the Lincolnwood Plant of the Bell and Howell Company. Nearly 200 members, guests, and members of the new optical group were present. Charles E. Phillimore welcomed the group and invited those interested to a tour of the plant following the meeting.

The first paper on "Design Considerations for Television Studio Motion Picture Projectors," by James V. Starbuck and Elmer Enke, projection engineers, WGN-TV, and H. J. Daly and Dudley A. Howell, projectionists, television station WBKB, was read by Mr. Howell. He outlined the arrangement and problems of the television projection rooms of WBKB and WGN-TV. He indicated that in the main, the 35-mm equipment was satisfactory but with the syncrolite lamp source it was impossible to frame the picture during projection. The 16-mm projection equipment has many faults to make it a practical instrument in the projection booth. These faults were outlined as follows: (a) equipment too light, (b) needs real focusing adjustment, (c) sprockets too small, (d) should have brake for instantaneous stopping, (e) replacement of lamp should be easier, a matter of seconds instead of minutes, (f) douser should be developed, (g) improved mounting for preamplifier is needed, and (h) claw intermittent should be eliminated.

"Continuous Stereoscopic Aerial Strip Camera Photography," was presented by Colonel George W. Goddard, chief of the Photographic Laboratory, United States Air Force, Wright Field, Dayton, Ohio. With a series of excellent slides, Colonel Goddard traced the history of Aerial Reconnaissance Photography from 1880 to the present time. This included the planes used up to the very latest designs of jet planes flying at 420 miles per hour photographing at an altitude of 4000 feet; 240-inch lenses are used. In the model now being developed the camera will use 40-inch wide film in 400-foot lengths.

The last part of Colonel Goddard's talk was a demonstration of stereoscopic color photography taken from the air with a slit camera. The film travel in this camera is automatically governed by the ground speed of the plane, insuring high resolution of the twin images. Some very startling and interesting scenes of the cities of Germany were viewed with the use of polaroid glasses. These films were projected from the rear on a 12- by 16-foot special screen.

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## Armed Forces Communications Association

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Brigadier General David Sarnoff, president of the Armed Forces Communications Association and also chairman of the Board of the Radio Corporation of America, announced that the third annual meeting of the Armed Forces Communications Association will be held in Washington, March 28 and 29, 1949.