



The IEEE History Center Lecture Series

Institute of Electrical and Electronics Engineers



From Zworykin to Kosovo: How RCA's WWII Military Television Development Shaped Modern Warfare

Maurice Schechter, Chief Engineer
DuArt Film

Date: Friday, 14 May 2004

Time: 7:30pm

Place: David Sarnoff Library
201 Washington Road CN 5300
Princeton NJ 08543-5300

Modern warfare using remote transmission of images as a means of weapons guidance and aerial reconnaissance has its roots before WWII, to an inventor who saw the possibilities of an emerging technology and his boss who supported its successful innovation. The men: Vladimir Zworykin and David Sarnoff of the Radio Corporation of America (RCA). The technology: television.

Maurice Schechter's well-illustrated presentation will trace the development of military television to the end of the war, where practical TV-guided weapons were used in combat in 1945.

Mr. Schechter's presentation will include a demonstration of the restored television equipment used during the war to guide these weapons. Among his many images, he will be showing archival footage of the developmental TV bombs and filmed recordings, or kinescopes, from bombing runs.



**World War II Navy TDR
Television Bomb**



RCA MIL TV test plane



**World War II Army GB-4
TV Glide Bomb**

This lecture is being hosted by the [New Jersey Antique Radio Club](#) and the [David Sarnoff Library](#).

About the Speaker: Mr. Schechter is chief engineer for DuArt Film and Video in New York City and has spent nearly 20 years researching this subject from the proving grounds of Nevada to the National Archives.

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