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## American Society of Photogrammetry

The American Society of Photogrammetry (ASP), 1515 Massachusetts Ave., N.W., Washington 5, D.C., organized in 1934 to promote the (then) new and limited science, has recently widened its interests to include the interpretation as well as the measurements of photographs. Defined as the science of obtaining quantitative data on objects from their photographic images, the development of photogrammetry has been related directly to improvements in photography and allied instrumentation. There are three general categories of photogrammetry — terrestrial, aerial (measurement and interpretation of photographs taken from airborne cameras), and stereo. In the latter category, overlapping pairs of photographs are observed, measured, or interpreted in a stereoscopic viewing instrument which gives a three-dimensional view.

ASP, a member of the International Society of Photogrammetry, has held an annual convention each year since its founding. Papers presented explore various phases and new applications of photogrammetry. Recent conventions have been held in Washington, D.C., during the month of March. The 27th convention is scheduled for March 19-25, 1961, at the Shoreham Hotel, Washington, D.C. The 26th Convention held during March, 1960, included a Symposium on Infrared and Radar Photo Interpretation. Papers presented at other sessions discussed photogrammetric techniques associated with global surveys and satellite photography as well as new approaches to such techniques as analytical triangulation and stereo-

scopic plotting. Among the numerous applications of photogrammetry, other than map making, are in the fields of geographic exploration, military reconnaissance, geology, forestry, agriculture, crime detection and meteorology. One of its uses is that of providing accurate measurement information on phenomena of short duration or events occurring in inaccessible environments.

Officers on the ASP Board of Direction for 1960 are: President, G. C. Tewinkel; First Vice-President, Arthur J. McNair; Second Vice-President, James P. Webb; Secretary-Treasurer, C. Earl Palmer; Editor, Theodore W. Norcross.

The organization publishes a monthly journal, *Photogrammetric Engineering*. This journal is sent to members as part of membership privileges. Subscription rate to nonmembers is \$6 annually (\$6.50 outside the United States). Subscriptions and membership information are available from the ASP Washington, D.C., headquarters, noted above.

Two current publications of the ASP are: *Manual of Photographic Interpretation* (800 pp. — 600 black-and-white and color plates); available from the American Society of Photogrammetry, Att. Deputy Chairman, PI Manual Sales Committee, 1515 Massachusetts Ave., N.W., Washington 5, D.C., at a price of \$12 to members and \$15 to nonmembers; and *Manual of Photogrammetry* (2d ed.) (876 pp. — 300 illus.), available from the same address at a price of \$7.50 to members and \$12.50 to nonmembers.

## section reports



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The Atlanta Section met on November 1 at WSB-TV with an attendance of 17. Major T. W. Gavey, Operations Officer, 1370th Photo Mapping Wing, Turner Air Force Base, Georgia, was the guest speaker. His subject was "Aerial Mapping and Photography."

Major Gavey's group has the primary purpose of providing data for pinpointing the location of every conceivable strategic spot in the world. Unfortunately, at the present time, there are many such places whose location relative to datum points within the U.S. are not known within 35 miles. Until these points are more accurately located by aerial surveying or other methods, the manned bomber will be a vital part of our defense. Even an intercontinental missile with an inherent accuracy of one mile will not be of much value if there is an inaccuracy of 35 miles in aiming it.

Major Gavey's group is unique in the free world in gathering this information by aerial photo mapping and surveying,

although there are some other means of obtaining the required information.

Major Gavey described how they obtain their data by precision aerial mapping photography, electronic geodetic surveys, and a combination of the two techniques, aerial electronic-controlled photography. He showed also how contour maps are made from aerial photo mosaics.

The speaker's address was well illustrated with color slides. An aerial photo mosaic of the Atlanta area and the contour map made from this mosaic were on display. An interesting question-and-answer period followed Major Gavey's talk. — W. R. Sandell, *Secretary-Treasurer, c/o* Kodak Processing Lab., 4729 Miller Dr., Chamblee, Ga.

The Dallas-Fort Worth Section met on September 22 at the Mercantile National Bank Auditorium in Dallas with an attendance of 40. Guest speakers were Bruce Jameson, Jameson Film Co.; R. K. Keitz, Keitz & Herndon; and Marty Young, Motion Pictures, Inc.

At this meeting the Section instituted a program that it hopes to make an annual affair. Film producers from the area were asked to present films that have won recent awards or national recognition and to present short talks describing the problems encountered in making the films. The program contained a variety of films, and