# Photogrammetric Engineering

Volume XXXV

October 1969

Number 10

## Contents

FRONT COVER—Vertical aerial photograph of the Granite Dells and Watson Lake near Prescott, Arizona. Scale, 1:30,500. Photographed by ESSA Coast and Geodetic Survey.

TECHNICAL ARTICLES

Photometry for Interpretation				4004
Robert G. Musgrove		0.	1.45	. 1015
Thermal Infrared for Soil Temperature Studies Victor I. Myers and Marvin D. Heilman				. 1024
The New Wild RC10 Film Camera  Gert E. Bormann	- 6 -		100	. 1033
Triangulation Test for Topographic Mapping Henry P. Eichert and Robert C. Eller	ā			. 1039
Management Planning for Aerial Surveying  Prof. Antonio M. Aguilar	141	÷		. 1047
Perspective Center Determination  Prof. B. Hallert	L-	8		. 1055
The AS-IIC Automatic System  W. E. Chapelle and J. J. Edmond				
(Continued on page 979)				

Second-class postage paid at Falls Churh, Virginia and at additional mailing offices.

Published monthly by the American Society of Photogrammetry, 105 N. Virginia Ave., Falls Church, Virginia 22046. Publication Office—The George Banta Company, Inc., Curtis Reed Plaza, Menasha, Wisconsin 54952. (See Notice on next right-hand page.)

Copyright 1969 by the American Society of Photogrammetry. Reproduction of this issue or any part thereof (except short quotations for use in the preparation of technical and scientific papers) may be made only after obtaining the specific approval of the Society's Chairman of the Publications Committee.

The Society is not responsible for any statements made or opinions expressed in the technical papers,

advertisements, or other portions of this Publication.

Subscription Rates—No charge to Society members in good standing; \$15 annually for all subscribers, postage paid. The price for current issues, beginning with January 1966, is \$1.75 per copy (\$1.85 foreign). For back issues prior to 1966, prices may be obtained from the Society headquarters.

Printed in the United States of America

#### (Continued from page 977)

s Publicados en el Mes Previo 986
PRETATION
1
1046
103 PRETATION. 103 OGRAPHY 103 This Pag adon 98  1 100 Is 100

Notice: Correspondence relating to all business and editorial matters pertaining to this and other Society publications should be directed to the American Society of Photogrammetry, 105 Virginia Ave., Falls Church, Virginia 22046, including inquiries, memberships, subscriptions, changes in address, manuscripts for publication, advertising, back issues, and the Manuals of Photogrammetry, Photographic Interpretation, and Color Aerial Photography. The telephone number of the Society Headquarters is (703)-534-6617.

#### OFFICERS OF THE

### AMERICAN SOCIETY OF PHOTOGRAMMETRY

President	Frederick J. Doyle
First Vice President	Frederick O. Diercks
SECOND VICE PRESIDENT	Joseph P. Burns
EXECUTIVE DIRECTOR & SECRETARY-TREASURER	Lawrence P Jacobs