Photogrammetric Engineering

Volume XXXIV

January 1968

Number 1

Contents

COVER PAGE—Color aerial photograph over the Grand Canyon, Arizona, taken with a Fairchild KC-4 camera using a Geocon I lens from an altitude of 40,000 feet showing fine detail which would not be differentiated on black-and-white. (Oriented with the shadows falling toward the bottom to enhance the impression of relief.)

TECHNICAL ARTICLES

Aerial Cameras for Color

Clarice L. Norton
Coastal Hydrography
Edmund L. Geary
Land Use Changes in Parkway School District
Edgar Falkner
Geodetic Positioning with the PC-1000 Camera
Donovan N. Huber
The Automatic Photomapper
Anthony W. Stoll
Automatic Contour Digitizer
Wesley H. Shepherd
Maps from Digitized Stereomat Data
Prof. Gottfried Konecny and David H. Refoy
Resection without Camera or Station Parameters
Patrick D. Fligor
(Continued on page 5)

Second-class postage paid at Menasha, Wisconsin and at additional mailing offices.

Published monthly by the American Society of Photogrammetry, 105 N. Virginia Ave., Falls Church, Virginia 22046. Publications Office—The George Banta Company, Inc., Curtis Reed Plaza, Menasha, Wisconsin 54952.

Copyright 1968 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.

(Continued from page 3)

NEWSLETTER								. 10	17
EARL PALMER RETIRES									
RESUMEN DE LOS ARTÍCULOS TÉCNICOS PUBLICADO	os	EN	EL	MES	s P	REV	OF	. 2	.0
1968 International Congress in Switzerland								. 10)4
Articles for Next Month								. 9	0
FORUM				٠,		,		. 5	C
Society Affairs									
List of Sustaining Members									9
Officers and Committees of the Society .								. 1	2
1968 ACSM-ASP Convention									
Manual of Photogrammetry						,		. 2	4
Manual of Photographic Interpretation								. 10)5
Manual of Color Aerial Photography .								16, 1	8
The Photogrammetric Society, London .								. 6	7
Journal Administration									
Index to Advertisers									7
Advertising Rates and Information								. 3	2
What Photogrammetric Engineering Is									7
Publications Committee								. 9	0

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, Manual of Photogrammetry, and Manual of Photographic Interpretation. The telephone number of the Society Headquarters is (703)-534-6617.

See announcement of 1968 Congress in Switzerland on page 104.