## Photogrammetric Engineering

Volume XL

December 1974

Number 12

Cover Photo — A vertical view of the new sports complex Arrowhead Stadium in Kansas City, Missouri. Taken with a Wild RC-8 camera in April 1974. Photo courtesy of Harris Aerial Surveys in Mountain Home, Arkansas.

Aortic Heart Valve Geometry  Prof. H. M. Karara	1393
Plotter Orientation from Aerotriangulation Output  George W. Erio	1403
Hologrammetry: Concepts and Applications  Prof. Edward M. Mikhail	1407
Available Color Air Photo Materials  Norman L. Fritz	1423
Mapping Soil Features from Multispectral Scanner Data S. J. Kristof and A. L. Zachary	1427
Automated Mapping System Implementation  Tommie F. Howell, P. E	1435
Two Interpolation Methods G. H. Schut	1447

(Continued on page 1357)

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

Published monthly by the American Society of Photogrammetry, 105 N. Virginia Ave., Falls Church Virginia 22046. Publication Office—Everybodys Press, Hanover, Pa. 17331. (Also see Notice on second following page.)

Copyright 1974 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, advertisments, or other portions of this Publication.

Subscription Rates—Members, \$15 (annual dues); non-members \$20 per year, postage paid. The price for current issues, beginning with January 1967, is \$1.75 per copy (\$1.85 foreign). For back issues prior to 1967, prices may be obtained from the Society headquarters.

Printed in the United States of America