

SPECIFICATIONS FOR PRECISION PHOTOGRAMMETRIC SCANNING

A. GENERAL DESCRIPTION

The work consists of producing precision digital images by scanning original negative film. The consultant will provide CFLHD with digital files in a format acceptable to the Government for each required photographic image. The Technical Requirements section of this specification indicates more specific requirements.

B. EQUIPMENT REQUIREMENTS

1. Photogrammetric scanning will be done using a precision photogrammetric scanner of a design acceptable to the Government. The suitability of the scanner will be determinable from the equipment manufacturer's performance and accuracy specifications for that scanner.

C. TECHNICAL REQUIREMENTS

1. When available, the original negative film is to be scanned.
2. Scanning resolution will be nominally 12.5 μ (micron) pixel size in both x and y. Acceptable resolution may deviate from this value by no more than 5 μ .
3. Scanning will be done in color.
4. The entire area of each 9.5 x 9.5 inch image will be scanned including sufficient margin area so the data chambers and fiducial marks are visible.
5. Image formats acceptable to the Government may include, but are not limited to TIFF and ViTec.