

# Design Standards Letter

Letter Number: **G-1959-09**

Letter Date: **07/06/1959**

Effective Date: **07/06/1959**

Section/Plan No.: **None**

Subject: **Photography Requisition Forms**

Body

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**TO ALL DIVISION, DISTRICT AND URBAN ENGINEERS:**

Attached hereto are forms to be used when ordering aerial photography and prints of previous photography. The form "Requisition for Prints of Previous Photography" is self-explanatory and is to be used to order extra prints or enlargements of existing photo-coverage.

The form "Requisition for Aerial Photography" is to be used when photography is desired where we have no previous coverage. We ask you to designate the desired coverage on a half-inch per mile county map by outlining the limits of coverage desired so we may properly plan the photography. It will sometimes be advantageous to obtain oblique photography of an area from a particular direction. If this applies to the photography desired, we suggest an arrow be placed on the map in the direction the camera should be aimed. If a particular landmark is desired in the foreground of the photograph, it should be designated on the map.

We do not intend to incorporate area mapping into our program, but wish to adhere to the practice of obtaining only strip photography.

It should be remembered that the scale of photography is approximate and cannot be completely controlled with our present facilities. The scale and coverage of vertical photography are determined by the flight height above the terrain. It may be necessary for us to adjust the flight heights to meet the needs of our plotting equipment. Following is a table of flight heights and their respective photography scales, photo coverages, and plotting scales on the Kelesh plotter.

Flight Scale of Photo Plotting  
Height Photograph Coverage Scale

1,500 Ft. 250 Ft./inch 2,250 Ft. 1" = 50 Ft.  
3,000 Ft. 500 Ft./inch 4,500 Ft. 1" = 100 Ft.

6,000 Ft. 1,000 Ft./inch 9,000 Ft. 1" = 200 Ft.

**The purpose should be designated as legal, information, location studies, or a description given of its intended use to help us properly plan the photography.**

**It will not be necessary to submit forms for the regularly scheduled design mapping projects.**

**Additional forms may be obtained form this office upon request.**

**C. P. Owens  
Engineer of Surveys and Plans**