

# How To Order Aerial Imagery Products

- Describing Your Area of Interest (AOI)
- Available Years and Aerial Imagery Identification
- Choosing Product Type, Size, and Scale or Resolution
- Ordering and Payment Options
- Delivery Time and Customer Feedback
- Reference Documents and Tools

## Describing Your Area of Interest (AOI)

### ➤ Public Land Survey System (PLSS)

- Township, Range, and Section numbers based on Principle Meridians and Base Lines typically used for Legal Descriptions. Survey only of colored states indicated in this background map.
- You may visit the [GIS Dataset Viewer](#) to determine the PLSS for your area. Click on the [Help](#) link.

### ➤ Latitude and Longitude Coordinates

- Degrees, Minutes, and Seconds also expressed in decimals is based on the north and south poles and the equator. Provide a point and radius or two opposite corners for coverage.

### ➤ Topographic, County, or City Map

- Detailed map from the US Geological Survey, County, or City outlining your specific area of interest.

### ➤ Electronic Shape Files with Projection

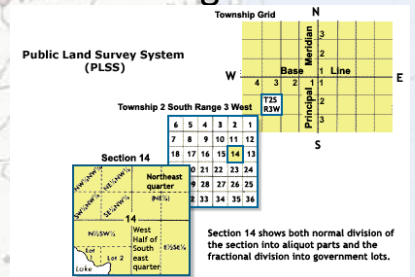
- Shape files from GIS software with UTM NAD83 projection. Google KMZ files also accepted.

### ➤ Business or Residential Address

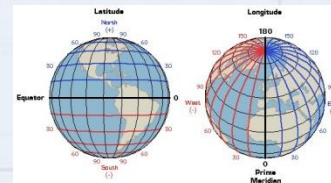
- Any valid business or residential address.

### ➤ Farm and Tract Numbers

- Producers may use their FSA farm and tract numbers.



PRINCIPAL MERIDIANS AND BASE LINES GOVERNING THE UNITED STATES PUBLIC LAND SURVEYS



## Available Years and Aerial Imagery Identification

### ➤ **APFO Holds 1955 to Present USDA Related Aerial Imagery**

- Imagery from the mid 1930's to 1954 are held in the [National Archives](#).

### ➤ **[Comprehensive Catalog Listings](#)**

- PDF listings of years available by State and County or National Forest areas provide general information regarding percentage of coverage, film or image type, scale or resolution, and indexes. Catalog listings are also planned to become GIS based in the near future.

### ➤ **Partial Coverage**

- Partial county or project areas can be determined for NAIP from the [GIS Dataset Viewer](#) or from the digital index scans indicated in the catalog listings.

### ➤ **Digital Index Files**

- Flight line and photo indexes have been scanned and are currently limited to availability in an electronic format. Indexes are used to identify specific aerial imagery frames to place an order, and will soon be available for viewing or downloading online.

### ➤ **Selecting Aerial Photo Identification Numbers**

- By Symbol-Roll-Exposure, or QQ file name. Use indexes to identify aerial photo numbers for placing an order. Use the [GIS Dataset Viewer](#) for NAIP QQs/Film, NAPP, and NHAP film.

- Film Examples: AAK-5V-100 (1958), 38025-183-31 (1983), or NAPP-1862-102R (1991)

- Digital QQ Example: m\_3608328\_sw\_17\_1\_20100410 (NAIP 2010)

## Choosing Product Type, Size, and Scale or Resolution

### ➤ **Products Meeting Your Needs**

- We have a variety of film and digital products that will meet your electronic or hard copy aerial imagery needs. Historical digital film scans, stereo contact prints, photographic enlargements, countywide mosaics, and custom photos.

### ➤ **Geospatial Products and Services**

- Quarter Quads (QQ) or Compressed County Mosaics (CCM) are available from all National Agriculture Imagery Program (NAIP) years 2003 to present and some historical years at 1m or 2m resolution.

- Limited services are available for georeferencing and mosaics of historical digital film scans.

### ➤ **Digital Film Scans**

- Scans from any film available can be made up to 12.5 microns or 2136 dpi. Original film is used whenever possible providing a standard TIFF image from 0.25m to 1m resolution depending on original film scale.

### ➤ **Traditional Film and Custom Digital Photographs**

- We furnish traditional photographic contact prints and enlargements as well as customized digital photos from 10"x10" to 38"x38". Custom photos are provided when traditional photos limit size and scale of area. Layers such as topography, PLSS, political boundaries, transportation (streets and highways), and personal points of interest can be labeled on the photo image. You may visit the [Digital Photo Scale Viewer](#) to determine scale and size preferences. Note the MARGINAL and INFERIOR scales more notably for 2 meter imagery.

## Ordering and Payment Options

### ➤ Order Forms and Price List

-The order forms and price list are located in the APFO website [Forms](#) link. Specific instructions are on the reverse or second page of the order forms FSA-441 and FSA-441B.

[FSA-441 – Order Form](#)

[FSA-441A – Price List](#)

[FSA-441B – Custom Digital Print Form](#)

- Quantity discounts are available for some photographic and digital scan products.

### ➤ E-mail, Phone, Fax, or Walk-In

- Whether you are local or long distance, you can reach us by e-mail, phone, fax, or visit or office.

### ➤ Order Online

- The Customer Order Entry System (COES) is currently accepting orders for NAIP QQs and digital photographs. This website may also be used in the near future to view or order our digital indexes.

### ➤ Payment Requirements

- Prepayment is required or we will accept a purchase order from tax supported government agencies, tribes, colleges, and universities.

- We accept Visa, Mastercard, Discover, and American Express Credit Cards

- Make checks payable to: USDA - FSA

## Delivery Time and Customer Feedback

### ➤ **Film Products**

- Traditional film products include negatives, diapositives, paper contact prints for stereo viewing, and photo enlargements at various scales depending on original film scale.
- Film products are available from years in the catalog listings indicated with a large scale such as 20000, 40000, or 60000. Turnaround time is typically 1-3 weeks depending on product workload.

### ➤ **Digital Products**

- Our digital products include, quarter quads, compressed county mosaics, film scans, and custom photos. Custom photos include historical time series paneled on one photo.
- Digital products are available from years in the catalog listings indicated with a resolution of 1m or 2m. Turnaround time is typically 2-14 days depending on product workload.

### ➤ **Shipping Methods**

- We ship the most economical way using US Postal Service, United Parcel Service, and Federal Express. There are no additional charges for shipping. Overnight shipments require a courier account number.

### ➤ **[APFO Service Quality Survey](#)**

- We invite you to complete our online survey to help improve our products and delivery.

## Reference Documents and Tools

- **Order Forms & Price List:** <http://www.fsa.usda.gov/FSA/apfoapp?area=forms&subject=landing&topic=landing>
- **Comprehensive Catalog Listings**
  - State & County: [http://www.fsa.usda.gov/Internet/FSA\\_File/catalogpdf.pdf](http://www.fsa.usda.gov/Internet/FSA_File/catalogpdf.pdf)
  - National Forest: [http://www.fsa.usda.gov/Internet/FSA\\_File/fs\\_catalogpdf.pdf](http://www.fsa.usda.gov/Internet/FSA_File/fs_catalogpdf.pdf)
- **Digital Photo Scale Viewer & Template Color Sampler**
  - Scale Viewer: [http://www.fsa.usda.gov/Internet/FSA\\_File/digital\\_photoscale\\_viewer\\_2011.pdf](http://www.fsa.usda.gov/Internet/FSA_File/digital_photoscale_viewer_2011.pdf)
  - Template Color Sampler: [http://www.fsa.usda.gov/Internet/FSA\\_File/templatecoloroptionsample.pdf](http://www.fsa.usda.gov/Internet/FSA_File/templatecoloroptionsample.pdf)
- **Custom Photo Samples:** <http://www.fsa.usda.gov/FSA/apfoapp?area=home&subject=prod&topic=cdps>
- **NAIP Interactive Status Map**
  - General coverage and formats: [http://www.fsa.usda.gov/Internet/FSA\\_File/naip\\_cover\\_03-11.pdf](http://www.fsa.usda.gov/Internet/FSA_File/naip_cover_03-11.pdf)
- **GIS Dataset Viewer & Shape File Downloads**
  - Dataset Viewer: <http://gis.apfo.usda.gov/gisviewer/>
  - Shape File Downloads: <http://www.fsa.usda.gov/FSA/apfoapp?area=home&subject=prog&topic=landing>
- **Order Online**
  - NAIP QQ's and Photos: <https://coes.apfo.usda.gov/index.html>
- **Contact Us:** <http://www.fsa.usda.gov/FSA/apfoapp?area=contact&subject=landing&topic=landing>
  - Email: [apfo.sales@slc.usda.gov](mailto:apfo.sales@slc.usda.gov)
  - Phone: 801-844-2922
  - Fax: 801-956-3653

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