

## HOW TO ORDER APFO PRODUCTS

You can send to APFO by e-mail, fax, or mail one of the following:

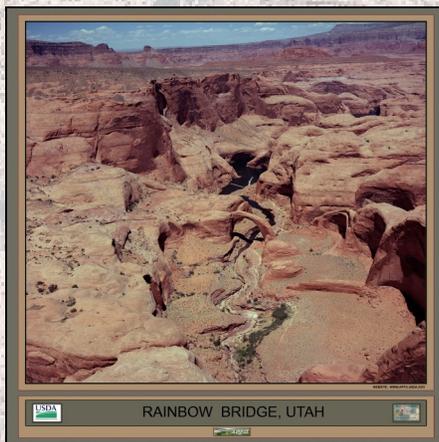
- A legal description of the area you are interested in (township, range, and section numbers).
- Latitude and longitude coordinates (point and radius, four corner points, or two opposite corner points).
- A topographic, county, or city map outlining your area of interest as accurately as possible.
- Shape files with UTM NAD83 projection and corresponding zone or kml/kmz files.

Services are rendered only after an order and payment or, official purchase order has been received. Methods of payment are:

- Check, money order, and credit cards. We accept Visa, MasterCard, American Express, and Discover.
- Official purchase orders *from tax-supported agencies, colleges, and universities only (State, County, City, Tribal).*

You may order over the phone with a credit card if you have a valid e-mail address. All products are made to order and completion time may vary depending on existing workload. Please allow up to ten days for shipping.

Imagery before 1955 may be obtained from:  
 The National Archives  
 Cartographic & Architectural Branch  
 8601 Adelphi Road  
 College Park, MD 20740-6001  
 Phone: 866-272-6272



## USES FOR AERIAL IMAGERY

Aerial images are valuable for many things besides crop measurement. The historical records available at APFO benefit many customers. APFO's digital products, in combination with GIS, can expand the uses for aerial imagery.

Among the uses are:

- Education
- Conservation Practices
- Urban Development and Planning
- Tax Assessment
- Pollution Studies
- Drainage Programs
- Boundary Determinations
- Road and Highway Location
- Pipeline and Power Line Construction
- Watershed and Reservoir Planning
- Historical Record of Property Changes
- Urban Development and Planning
- Recreation
- Land Change Analysis
- Personal Enjoyment

United States  
 Department of Agriculture  
 Farm Service Agency  
 Aerial Photography Field Office  
 2222 West 2300 South  
 Salt Lake City UT 84119-2020  
 Telephone: 801-844-2922  
 Fax: 801-956-3653

E-mail: [apfo.sales@slc.usda.gov](mailto:apfo.sales@slc.usda.gov)  
 Website: <http://www.apfo.usda.gov>  
 GIS Dataset Viewer: <http://gis.apfo.usda.gov/gisviewer>  
 Order Online: <https://coes.apfo.usda.gov/index.html>

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United States  
 Department of Agriculture  
 Farm Service Agency  
**Aerial Photography Field Office**

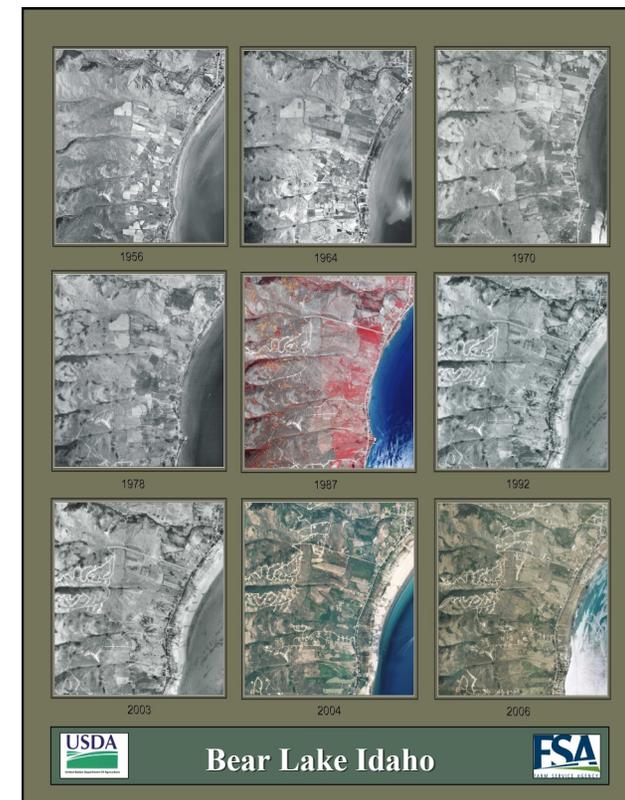


Leaflet 571



## IMAGERY PRODUCTS & SERVICES

Your source for USDA aerial imagery, custom products, and GIS services with quality and service in mind.



## INTRODUCTION

The Agricultural Adjustment Act of 1933 established farm programs designed to balance production and diversity of crops. Farmers (producers) participating in the Federal farm programs needed to have accurate measurements made of their fields. However, precise measurements were still being made by an older method of surveying, with chains carried around the fields. Maps were drawn by hand. A quick, accurate, and inexpensive method had to be developed to measure the millions of farmland acreage across the country.

The mission of the Aerial Photography Field Office (APFO) was to provide rectified aerial photographs for accurately measuring field acreage. Field measurements were made from aerial enlargements with a planimeter. Aerial photographs, when properly delineated and annotated with field boundaries and acreage, served as the basic record of producer land use information for each county office to administer programs.

Over the years, APFO joined with other federal agencies in cooperative photography programs. The latest program is the National Agriculture Imagery Program (NAIP). APFO now provides NAIP digital imagery to the USDA Service Center Agencies that utilize Geographic Information Systems (GIS) as the method for administering federal farm programs to streamline daily operations and facilitate updates of vital information. This includes the updating of digitized farm field boundaries known as Common Land Units (CLU).



LAKE POWELL, UTAH

## PHOTO PRODUCTS

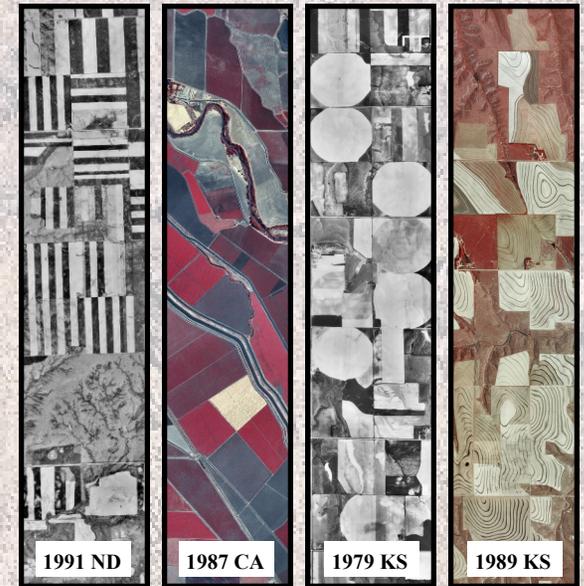
**Photographs** - APFO's photo products have long been available to the general public. Traditional and custom photos are available in different types and scales ranging from 1" = 5,000' to 1" = 200'. Paper sizes range from 10"x10" to 38"x38". Please refer to the price list form FSA-441A at the APFO website: <http://www.apfo.usda.gov> (click on Forms).

**Indexes** - Available as photo, line or spot (ozalid), or digital. All indexes have recently been scanned to a digital format and will soon be available for download and viewing.

## HISTORIC FILM LIBRARY

APFO is home to one of the country's largest aerial film libraries. We currently house more than 70,000 rolls of film (10 million plus images). Our film dates from 1955 to the present. We have coverage of most of the United States and its territories. We are also one of the last federal government wet labs in the country. Historic aerial images are playing a more vital role today which include environmental assessments, change detection, and property boundary disputes.

As the years go by, the historical imagery becomes more and more valuable. These images are available as photographs or in a digital format.



Strip Farming

Waterways

Pivot Irrigation

Terraced Farming

## FILM SCANNING

APFO offers 10"x10" scans of any image in our film library using state of the art photogrammetric scanners from Black and White, Color Infrared, and Natural Color film. Film scans are furnished in standard tagged image file (.tif) format. Scan resolutions range from 70 microns or 363 dpi to 12.5 microns or 2136 dpi.

## DIGITAL PRODUCTS

**Compressed County Mosaics (CCM)** - Countywide imagery coverage in various compressed ratios depending on the year. CCM's are used by the USDA Service Center Agencies for crop compliance farm programs and widely used by the public for base layer imagery. NAIP imagery is available in 1m resolution except for some states flown before 2008 which may only be available in 2m.

**Quarter Quads (QQ)** - Individual images (tile) covering one quarter of a standard 7.5' topographical quad map which are used to create the CCM's. These images are used for those who prefer working with an uncompressed format. NAIP imagery is available in 1m resolution except for some states flown before 2008 which may only be available in 2m.