

Capturing Alabama's Imagery with ADECA's Aerial Program

On March 1, 2007 the Enterprise tornado pulled the citizens of Alabama together on many levels. Many agencies and organizations contributed money, resources, and technology to help in the aftermath of the storm. The Aerial Program of Alabama Department of Economic and Community Affairs (ADECA) assisted these efforts by acquiring, processing, and disseminating aerial imagery of the tornado damaged area.

The ADECA Aerial Program was established in 2003 and has been acquiring, processing and disseminating aerial imagery data during that time. Applications for aerial imagery include:

- Economic Development
- Road and Building Construction
- Water use and modeling
- Agriculture
- Emergency Response
- Environmental preservation
- Forest planning

The ADECA Aerial Program uses a Nexvue camera system which is a commercial grade mid-format camera and is very adaptable for many applications. The following is an outline of the camera specifications.

- 1) High Spatial Resolution
 - a) 90mm lens
 - b) 50mm lens
- 2) Spectral Options
 - a) Natural Color
 - b) Color Infrared (CIR)
- 3) Camera Controller
- 4) Flight Management System

The State of Alabama has many needs for aerial imagery information. The ADECA Aerial Program can help provide this information in a timely and efficient manner.

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