Cirrus Digital Camera System (DCS)

Cirrus Digital Systems provides the digital camera. It consists of a Hasselblad camera body with a Kodak camera back and CCD array. It can be configured to acquire either false color infrared or natural color imagery. During the CARTA-2005 missions the DCS acquired false color infrared imagery.

Lens	Array Size	Array Width	Field of View (FOV)	Ground Coverage	Nominal Resolution
50mm	4072 x 4072 (pixels)	36.72mm	40.3°	3.0nm	1.4m

Note: Spatial parameters are for the WB-57 at 25,000 ft altitude. Nominal resolution references the smallest target that can be imaged.

Data Availability

Photographic data was delivered to the Centro Nacional de Alta Tecnologia (CENAT) of Costa Rica. MASTER imagery is publicly available through the Jet Propulsion Laboratory and the EROS Data Center in Sioux Falls, South Dakota.

Airborne Sensor Facility

The Airborne Sensor Facility at NASA Ames Research Center web site:

http://asapdata.arc.nasa.gov/

Additional information regarding flight documentation to include archive searches may be obtained from the following:

Airborne Sensor Facility
MS 240-6
NASA Ames Research Center
Moffett Field, CA 94035
Telephone: (650)604-6252 (FAX 4987)