

# MMA NEWS

**Missouri Mappers Association**  
**P.O. Box 1692**  
**Jefferson City, MO 65102**



**May 1999**  
**Volume 15, Issue 2**

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## Athena Rocket does not Place IKONOS 1 into Orbit

Space Imaging announced that a Lockheed Martin-built Athena II rocket which launched from Vandenberg Air Force Base on April 27 did not place the IKONOS 1 satellite it was carrying into orbit. Telemetry and other data indicate that the rocket did not achieve sufficient velocity to place the satellite into earth orbit.

The Athena II was launched at 11:22 a.m. PDT from Space Launch Complex 6 (SLC-6) at Vandenberg Air Force Base, California. Lockheed Martin Missiles & Space, Sunnyvale,

California built the IKONOS 1 satellite for Denver-based Space Imaging. Lockheed Martin Astronautics in Denver built the Athena II rocket.

The Athena rocket was scheduled to place the IKONOS 1 satellite into a circular orbit of 423 miles about the earth. However, current data analysis indicates that the rocket's Orbit Adjust Module (OAM) fourth stage with the payload fairing and the satellite never achieved orbit. Any components that may have survived reentry would have fallen into the South Pacific Ocean.

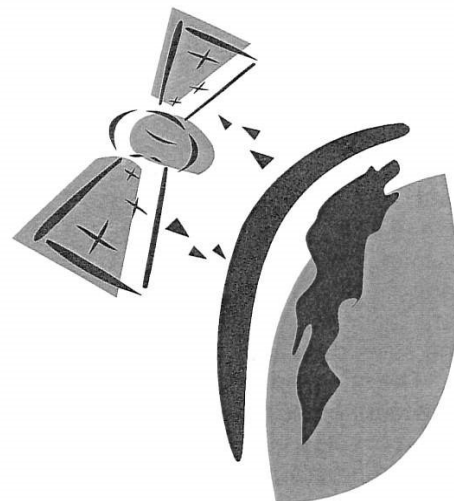
A Lockheed Martin-led Anomaly Investigation Team has been formed and the company has begun a thorough investigation to identify the cause of the failure and to determine the appropriate corrective actions. The investigation team is in the process of collecting all data pertaining to the mission. Astronautics is working closely with its Athena suppliers, the U.S. Air Force, Space Imaging, Lockheed Martin Missiles and Space and other appropriate entities to determine the root cause of the anomaly and implement

corrective actions.

This was the fourth Athena mission since the vehicles became operational in 1997. All three prior flights of Athena I and II launch vehicles have been successful.

Astronautics is one of the operating units of Lockheed Martin's Space & Strategic Missiles Sector headquartered in Bethesda, Maryland. Astronautics designs, develops, tests and manufactures a variety of advanced spacecraft and other space systems, space launch systems and ground systems.

— Source: Lockheed Martin





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## How to Build a Good CAMA Sales File

The first essential building block in establishing good CAMA values is the sales file. Without a good sales file it will be very difficult, if not impossible, to establish consistent and reliable values.

You might ask why *sales* information is so important when your CAMA system has replacement cost figures loaded in it. Cost figures are a benchmark, from which adjustments are made with sales information.

Basically, we start with the cost approach to value, and as market information is available, we correlate the sales comparison approach into the valuation process.

The appraisal process requires that all relevant approaches to value be considered, including the sales comparison approach. There are three main steps in building a CAMA sales file, which are sales verification, sales data collection, and sales data entry.

The first step toward building an accurate and reliable sales file is that of sales verification. An ongoing program of sales veri-

cation is essential so that all sales are "captured" for use in the valuation process.

Just as you wouldn't want to make an important decision without having all the facts, you don't want to adjust property values in your county without having a complete picture of the real estate market there.

This means more than just reviewing all the deeds and entering sales dates and prices into the computer. It means reviewing all the circumstances surrounding the sales so that this sales information can be relied upon later when values are established.

The sales questionnaire is an absolutely essential component of the sales verification process. Sales questionnaires can be done manually, or from computer generated reports.

Questionnaires may be sent on all sales, but at least on those where any question exists about the details of the sale. These sales questionnaires can be mailed daily, weekly, or monthly from your office.

Return rates for those counties actively mailing sales questionnaires average about 60 percent. This return rate increases to about 75 percent in those counties sending a second reminder letter a couple of weeks after the initial mailing.

Questionnaires can be quite useful later in the hearing and appeals process as well. Perhaps most important of all, taxpayer awareness that sales used in the valuation process were verified by parties to the sale increases public confidence in your appraisals.

—from the *Oklahoma Ad Valorem Forum*

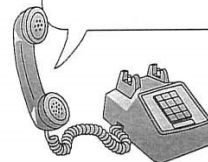
## PMM Application

Anyone interested in taking the PMM (Professional Missouri Mapper) test can receive an application by writing or calling Marti Buckner, PMM.

If you have five or more years of experience in cadastral mapping, have completed 30 or more hours of study in mapping, surveying or other related course, and are a member in good standing of Missouri Mappers Association, you are eligible to complete the application.

Please contact Marti at the address or telephone number listed below for further information or to receive an application.

**Marti Buckner, PMM**  
 Rt. 2, Box 2038  
 Hermitage, MO 65668  
 (417) 745-6061



# MISSOURI MAPPERS ASSOCIATION

## 15<sup>TH</sup> ANNUAL CONVENTION

August 11, 12 and 13, 1999

Holiday Inn Executive Center

Columbia, Missouri

Please complete and return prior to July 26, 1999. Rooms for the Annual Meeting have been set aside at a special rate for Wednesday and Thursday evenings. Rates are \$59.50 plus tax, up to four in a room. Please contact the hotel (573) 445-8531 for reservations to be assured of obtaining a room. Be sure to state that you are with the Missouri Mappers Association.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Jurisdiction/Firm: \_\_\_\_\_

Work Address: \_\_\_\_\_ Home Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

Work Phone: \_\_\_\_\_ Home Phone: \_\_\_\_\_

	Prior to 7-26-99	After 7-26-99	
Regular Member (Includes Dues)	\$90.00	\$100.00	\$ _____
Student Member (Includes Dues)	\$85.00	\$ 95.00	\$ _____
West Central District Annual Dues	\$ 5.00		\$ _____
Additional Tickets for Spouse/Guest:			
Thursday Lunch Buffet	\$14.00		\$ _____
Thursday Mystery Dinner Theater	\$36.00		\$ _____
Friday Breakfast Buffet	\$14.00		\$ _____
Name of Spouse/Guest: _____			

**ADDITIONAL ACTIVITIES TOTAL** \$ \_\_\_\_\_

**TOTAL REGISTRATION FEES** \$ \_\_\_\_\_

Would you like to extend Friday Morning Activities for a round-table discussion? Approx. 1 ½ hours.

Yes \_\_\_\_\_ No \_\_\_\_\_

Please make all checks payable to **Missouri Mappers Association** and mail to:

Patty Williams  
Warren County Assessor's Office  
105 S. Market  
Warrenton, MO 63383

For additional information you can contact Patty at (314) 456-8885 or e-mail at [krisseyw@mocvtv.com](mailto:krisseyw@mocvtv.com), please put the subject as MMA

# Second Annual MMA Golf Tournament

The Second Annual Missouri Mappers Golf Tournament is scheduled for 9 a.m. August 11, 1999 at Eagle Knoll Golf Club. Renowned golf course architect Gary Kern designed eagle Knoll Golf Club in 1996. This classic "Ozark" style course was rated one of the best courses in its market by *Golf Digest Magazine*.

The MMA Golf Tournament includes:

- Green Fees and Cart
- Professional Bag Drop Service
- Score Cards, Cart Assignments and Rules Sheet
- Skirted Registration Table
- Eagle Knoll's Professional Staff to Manage and Score our Event
- Lunch Buffet (Build your own Sandwich with Roast Beef, Ham, or Turkey, Swiss, Pepper, and American Cheese; Cole Slaw, Baked Beans; Potato Salad and Cookies and soft drinks)
- 1 hour at the Driving Range included
- Beverage Cart (\$1.75 Beer; \$1.00 sodas; \$1.25 Bottled Water; \$1.75 Power Aide)
- Pro Shop Credit for winners of Longest Drive; Nearest to the Pin; and Team scores. The amount of credit will depend on the number of entries

\$55.00 (\$60.00 after July 1, 1999) will ensure your place in this year's Golf Tournament.

Registration Form:

Name: \_\_\_\_\_

Handicap (if known): \_\_\_\_\_

Address: \_\_\_\_\_

City / State / Zip: \_\_\_\_\_

Phone / FAX Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Amount Enclosed: \_\_\_\_\_

**Hole Sponsorship \$250.00 – includes fees for one four-some and advertising space in the MMA conference brochure. Please fill out a separate form for each player.**

**Return this form to**  
**Ken Agey**  
**c/o M.J. Harden Associates, Inc.**  
**1019 Admiral Blvd.**  
**Kansas City, MO 64106**

## For Sale/Wanted

For Sale – Register Mate Model 30, Flat Bed. Excellent Condition. Anyone interested can contact Mary Ann Kaiser at 573-499-4814, ext. 225. Any questions, please call Mary Ann.

Members, do you have a piece of mapping equipment you have been wanting to sell or buy? If you do, we will advertise it for you in the MMA News **free** of charge. Simply let us know the name and type of equipment you are advertising along with your name, address, and phone number. Send to:

Ken Agey  
1019 Admiral Blvd.  
Kansas City, MO 64106



Charleston • St. Louis • Nashville

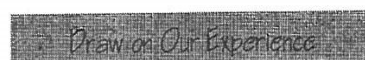
Telephone: 800-455-3383 FAX: 573-683-3386

[www.cadgroup.com](http://www.cadgroup.com)

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### Product Training/Technical Support



## 15th Annual Convention Additional Activities Reservation Form

**\*\*Can be turned in without payment\*\***

**Mail to: Patty Williams (see address on registration form)**

## “MAPPING HIGHWAY RIGHT OF WAYS”

Wednesday Workshop: **Limited to first 50** (Pre-registration required)

Time: 2:00 - 4:00

Fee: \$15.00

Supplies Needed: Engineer Scale, Pencil, Eraser, Compass

Course Description: A “hands-on” workshop explaining stationing, highway symbols, and curves. You will learn how to map a right-of-way taking.

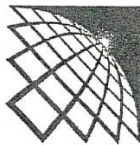
Name: \_\_\_\_\_ Home Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Confirmation will be mailed to you.



## **SURDEX** Photogrammetric Engineerings



Randy Burkham  
Vice President, Business Development  
E-Mail: burkham@surdex.com  
520 Spirit of St. Louis Blvd. • St. Louis, MO 63005  
Voice: (314) 532-3427 • Fax: (314) 537-9638

## **Advertising**

Don't forget your business card or digital artwork can be published in the next three issues of the MMA News for only \$25.00! I also need articles about your county or company news. Please send your articles by August 15, 1999 for the September issue of MMA News. Please send your business cards, articles, or corrections to:

Ken Agey E-mail: kagey@mjharden.com  
M.J. Harden Associates, Inc. Tel: 816-889-1129  
1019 Admiral Blvd. Fax: 816-471-1599  
Kansas City, MO 64106

**This space is available for your Ad  
in MMA News!**

Business Card  
Less than ¼ page  
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½ page Ad  
Full page Ad

3 Issues for \$25.00  
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3 Issues for \$100.00  
\$50.00 per issue  
\$100 per issue

MMA News  
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M.J. Harden Associates, Inc.  
1019 Admiral Blvd.  
Kansas City, MO 64106



Barbara Kaszuba  
Newton County  
1919A LaQuesta Drive  
Neosho, MO 64850-