

Charlie Elliott

CHAPTER

Atlanta Astronomy Club

February, 2005 Chapter Meeting
Larry Owens

Chapter Meeting February 12, 2005

Utility Trailer Update

for the Parking Lot!

- Paperwork presented to Chuck Painter at AAC January general meeting.
- Still no tag, but on the way
- What's next?
 - Taking to Alhambra tonight
 - Will purchase materials for
 - Ramp
 - Harnesses
 - Lock box
 - Load the 16"
 - Return it to its CE parking spot for use (could take a month or 2)



Progress on the Byers Mount

- Variable power inverter modified and tested
- Thanks to Jim Honeycutt and the Physics Department at Oxford College for the loan of an oscilloscope
- Steps
 - Reverse engineer the circuit
 - Find frequency RC
 - Add parallel resistance to double frequency
 - RA EAST – Motor OFF
 - RA WEST – Motor 2x Side/real

CAUTION
• BE CAREFUL!

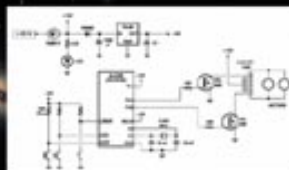


Progress on the Byers Mount

• *Michael Cowington* of UGA has offered to donate an "ALCOR" inverter circuit for the Byers mount

• This would replace the modified inverter with a microcontroller based circuit

- Autoguider Port
- Multiple Rates – Solar, Lunar
- Crystal controlled
- Controls RA and DEC
- Much cleaner AC output
- We would supply
 - Hand controller
 - All electrical connectors
 - Circuit mounting in Byers base



• Write paper: <http://www.atlantaastronomy.org/CEWMA/ce-wpa.pdf>

Website and Astro-Imager Focus

• Astro-Imager Focus (email to: planetographer@comcast.net)

- [Jim Honeycutt](#)
- [Cris Jones](#)
- [Steve Kennedy](#)

Steve's M42 image will be our web [entrance image](#)

- Submit images, pick an image for the CE entrance page
 - Your page will be created and linked to the main page by name
 - Your entrance pick - on a list in the order images are received
 - Posted for one month

• Become Rich and Famous and help the club while you're at it!

• <http://www.atlantaastronomy.org/CEWMA/ce-wpa.html>

Set to planetarium music and reduced lighting, Larry started the February meeting by covering the status of the chapter's utility trailer, progress on the Byers mount, and images added to the Astro-Imager Focus area of the Charlie Elliott website. One very special announcement was the proposed donation of an "Alcor" motor control circuit for the chapter's Byers mount by Michael Covington and UGA.

Many thanks to Michael Covington and the University of Georgia! The "ALCOR" circuit will dramatically improve the performance of our mount, and will even provide an autoguider port for astrophotography.

What's Up Tonight: Debbie Jones



As usual, Debbie gave a very informative presentation of interesting objects to view later from the observing field.

Fortunately the weather did clear for a few hours just after sunset, enabling several of our chapter members to view Saturn, the crescent moon and several dark sky objects through their telescopes from the observing field.

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Last Updated Saturday, June 03, 2006