ATVs in the South
Honda ATV Design
Carburetor and 4WD Tech
Cover Story
Riding the Southern Crescent: ATVs in the South

If you like and ride in the southern eastern United States, you're in good company—nearly one of every two Honda ATV purchasers lives in this area.

Features

10 Technically Speaking
How it Works: Honda's Four-Wheel Drive System and Carburetor Basics

12 By Design: Honda ATVs
Honda invented the original ATV, the three-wheel US90, which debuted in 1970.

19 Chris Real Helps Riders Meet Noise Limits
When it comes to sound regulations and on-the-scene assistance to help riders with compliance, Chris Real is the HRCA's main man.

Departments

4 HRCA News
4 2005 New Models
7 Moose Accessories
8 ATV Demos at the Honda Hoot
9 2004 HRCA ATV Club

28 ATV Instruction Programs

MOOSE LOADING RAMP

HRCA ATV Member Benefits

• Personalized membership card identifying you as a Member of the fastest-growing ATV club in America
• Honda Red Rider* ATV, our bimonthly, Members-only magazine highlighting upcoming events, Member contributions, where-to-ride information and more
• A Common Service Manual plus full access to a complete online ATV service manual for your machine
• Access to the Clubhouse Web site with Club information and Honda news
• Option to elect Driver's Elite™ benefit

• Exclusive HRCA ATV hat and other collectible items
• Exclusive Club apparel and accessories available through participating dealers
• Safety Foundation Training reimbursement
• Access to Members-only insurance for on- and off-road motorcycles, ATVs, automobiles, RVs and personal watercraft available exclusively to Club members via a toll-free number—1-888-803-2646 or via the Internet
• Opportunity to apply for a Honda Visa credit card

For additional membership information, or change of address information, call 1-800-872-4383

HRCA ATV
VOL. 1 NO. 7 OCTOBER/NOVEMBER 2004

PUBLISHER
American Honda Motor Co., Inc.

EDITORIAL OFFICE
Vreeke & Associates Inc.
250 E. Easy St., Suite 3
Simi Valley, CA 93065

ADVERTISING OFFICE
Colle+McVoy
8600 Normandale Lake Blvd., Suite 2400
Minneapolis, MN 55437-3809

Address all correspondence to the
Editorial Office, Vreeke & Associates Inc.,
250 E. Easy St., Suite 3, Simi Valley, CA 93065

All images reflect riding in approved areas. All riders shown reflect appropriate age eligibility for the model on which they are shown riding. Always wear a helmet and appropriate riding gear and apparel when operating an All-Terrain Vehicle.

Honda Red Rider ATV™ assumes no responsibility for uncollected manuscripts, drawings or photographs, and such materials will not be returned unless accompanied by a self-addressed, stamped envelope.

Publication of any article, photograph, illustration or advertisement in Honda Red Rider ATV should not be construed as an endorsement by American Honda Motor Co., Inc. or its affiliated companies or dealer organization of specific products, accessories or their use. The opinions expressed by the contributing writers of this publication are solely the opinions of these contributors, and should not be construed as an endorsement by American Honda Motor Co., Inc.

Honda Red Rider ATV is published six times per year by American Honda Motor Co., Inc by Colle+McVoy. Copyright © 2003 American Honda Motor Co., Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Honda, Honda Red Rider ATV, Honda Rider's Club of America, HRCA and The Power of the Card are trademarks of Honda. Other trademarks in this publication are property of their respective owners.

For additional membership information, or change of address information, call 1-800-872-4383

MOOSE LOADING RAMP
Chris Real Helps Riders Meet Noise Limits

When it comes to sound regulations and on-the-scene assistance to help riders with compliance, Chris Real is the HRCAs main man. Real is the owner/operator of the Honda Rider's Club-sponsored Chemhelp, and he travels to about 20 events every year as he teaches riders about a wide variety of environmental issues, including noise awareness. To this end, Real conducts confidential sound checks and provides education on how to minimize OHV noise through proven mechanical practices—all free of charge, as are all of his services.

"I don't know how many times I've been at an event and heard a guy coming from a mile away," says Real. "When he finally arrives, he's got the best aftermarket spark arrestor money can buy, but it's not doing any of us any good. My first question to him is, 'When was the last time you repacked your spark arrestor?' The standard answer is, 'Never' or 'Last year.' And that's why I attend off-road events, to send riders like him home with new spark arrestor packing."

Real recommends repacking your spark arrestor or silencer after 10 to 15 hours of use and even sooner on two-strokes because the packing quickly becomes saturated with two-stroke oil. And frequent repacking not only reduces the chances of a fine due to noise violation, but it also boosts performance. "People don't realize how much power is robbed from old packing," says Real.

Whether you're trail riding or even racing on a closed course, it's crucial to the future of our sport for riders to meet off-highway vehicle noise standards.

For more information call Chris at (909) 481-0083.

You can find Chris Real and his Chemhelp truck at the following motorcycle and ATV events:

Sierra Safari, Mammoth, CA, October 2004
Glen Helen 24-hour, Glen Helen, CA, November 2004
Elsinore Grand Prix, Lake Elsinore, CA, November 2004
Barstow to Vegas Dual-Sport Ride, November 26-27, 2004
Jawbone Canyon Off-Road Fun Day, Mojave, CA, December 2004
Soboba Trail Ride, Soboba Reservation, CA, February 2005
World Minis, Las Vegas, NV, April 2005
Vegas to Reno Ride, NV April 2005
Nevada 200, Caliente, NV April 2005