

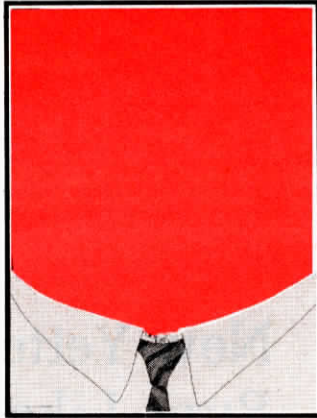
"ANGRY" STATIONERY LETS RECIPIENT KNOW YOU'RE HOT UNDER THE COLLAR

Angry? Why Not Send A Message To Remember?

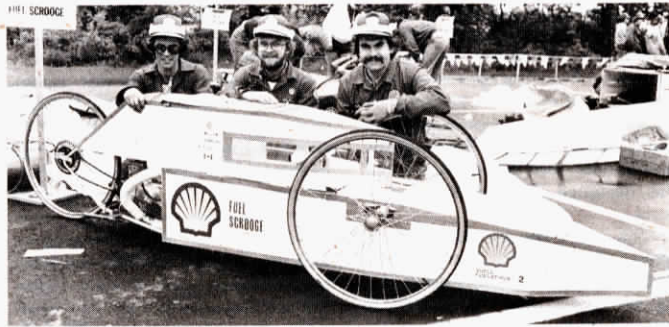
Are you steamed? Hot under the collar? Fuming? Breaking under the last straw? If so, you'll like the new "angry" stationery kit from Howard Paper Mills that helps out with special illustrated effects to let those you've got a bone to pick with — whether manufacturer, congressman or businessman — know exactly how you feel.

You might want to send the scratch 'n sniff skunk letterhead, the David-Goliath letter with a drawing of the slingshot on the matching envelope, or the "last straw" letterhead and envelope.

The illustrated stationery and envelopes are in an "Angry Kit" available from Howard Paper for \$2.00. Included in the kit of 7 letters and 7 matching envelopes is "Vote Aye" and "Vote Nay" stationery for writing your legislators.



For more information, contact: FARM SHOW Followup, Howard Paper Mills, Inc., P.O. Box 982, Dayton, OH 45401 (ph 513 224-1211).



Shell Canada's Fuel Scrooge car set a new record of 1,100.18 mpg at an average speed of 25 mph.

"FUEL SCROOGE" SETS RECORD

Look! 1,100 Miles Per Gallon!

The Shell Fuelathon may not be as popular as the Indianapolis 500 but when vehicles get over 1,000 miles per gallon, that's something to shout about.

Sixteen specially designed vehicles came to the starting line of this year's annual competition to see which could travel farthest on the least amount of gasoline. Two entries in the Shell Canada Fuelathon broke the 1,000-mile-to-the-gallon barrier, bettering the previous Canadian fuel economy record of 998 mpg set in 1979. The event was held at Shell Canada's Oakville, Ontario research center test track.

The University of Saskatchewan was first to break the record by winning in Best Student Entry category with a fuel economy of 1,033.30 mpg. The driver was Dave Gerwing of Windsor, Ontario.

Then the Fuel Scrooge, the entry of

Shell's research engineers, driven by Steven Miller of Mississauga, set the new Canadian record with 1,100.18 miles to the gallon.

Five of the entries did not make it to the finish line, suffering mishaps such as mechanical failures, crashes, and fuel problems. The worst mileage recorded was 140.52 mpg.

The vehicles were built by teams of engineering students from universities across Canada and three colleges in Ontario, with Shell Canada research engineers submitting two separate entries of their own. Shell car No. 2 finished third with 904.43 mpg.

The student entries compete for \$3,500 in awards which go to the winners' educational institutes to encourage experimentation in automotive fuel economy.

Many of the vehicles looked rather unusual, which showed that much



Richard Warner's 150-family purple martin condominium weighs 150 lbs. and requires a forklift to move.

ROOM FOR 150 BIRD FAMILIES

King-Size "Condo" For Purple Martins

By Emogean Cameron

Purple martins, largest of the swallow family and a voracious insect eater, depend on man to provide homes. Richard Warner, of Charleston, Ark., got ready for them this year before they came back in the spring by building a condominium that will house 150 purple martin families.

The elaborate multi-room complex weighs 500 lbs. It measures 8 ft. long, 33 in. wide and 4 ft. tall. There are five floors, each with ledges for roosting and guard rails to prevent young birds from falling before they can fly.

"I built the condominium of wood and left it a natural color," Warner explains. "The roof has been treated to protect it from the weather." He

notes that purple martins seem to prefer a nesting site which has been painted white inside. "A white interior also helps keep sparrows out and reflects heat," he adds. An 8 in. center space allows cross ventilation.

Warner has built bird houses of different kinds for many years but this is his biggest project. The condominium rests on a trailer and requires a fork lift to move it.

"It's built to last a long time," he points out. "When it's erected it will have to be supported by four poles. Two by ten bolts will be used to anchor it in place."

Warner says the big martin house is for sale for \$500.

By Joe Szostak

thought and effort went into their construction. Most entries were small bicycle-wheeled, no ped engine powered vehicles capable of achieving 500 mpg or better.

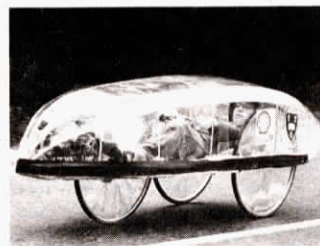
The winning Shell team, made up of engineers Miller, John Taracha and P. Coady, had entered last year's competition but only accomplished

358 mpg. So how did they get the tremendous improvement?

"It's a matter of cutting down your weight, getting a low rolling resistance and achieving a low drag by streamlining the frontal area and keeping its area low," says Miller. A good starting motor is also important.

Part of the secret of the incredible mileage is driving technique. "The engine is only on about five per cent of the time," explains Barry Hertz, faculty adviser to the University of Saskatchewan team. "The car coasts the rest of the time, but it has to maintain an average speed of 25 mph. That might require about 30 starts."

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This Univ. of Saskatchewan Saran-Wrap car logged a respectable 1,033 mpg.