

BIG SKY BULLETIN

HCR news for customers, friends and acquaintances

Volume 5, Issue 2

Veteran Pilot Remembers the Past

Then... Between April 1966 and March 1967.... 41 Years ago.... Bill Trem, the HCR and Jamison rep in Cleveland, Ohio was in the U.S. Army with the 221st Aviation Recon Company, flying an L-19, known as a "Bird Dog". He was headquartered in Soc Trang, but his platoon was stationed in a town called Vinh Long. Bill was assigned, and where he spent most of his time as support to a Special Forces Unit, to a place called Cao Lanh, in the Vietnam delta region.



The photo above shows Bill holding two 81 mm mortar rounds he used to drop out of the window of his plane. High tech was only a dream at that time.

...And now At a recent HCR sales meeting in Lewistown, MT, everyone took a detour en route to lunch to see a refurbished L-19 at the local airport, which is across the road from the HCR factory. When Bill saw the "Bird Dog" he climbed into the cockpit like he had thousands of times 41 years earlier. He's pointing to an area in the back seat where he took a round of enemy fire on a recon mission. Luckily, he wasn't hit.



Largest Food DC in US Chooses HCR

Stater Brothers' new 2.1 million sq. ft. grocery distribution center in Colton, CA, the largest grocery distribution center in the country, installed 6 HCR Model 3CAV-CHs (triple air curtains with condenser heat) at their freezer doorways. Installation was performed by Gartner Refrigeration of Minneapolis, MN.

HCR's Computerized Laser Cutter

In June of 2007 HCR accepted delivery of a state of the art cutting machine an Amada FO-3015NT. This change in HCR's cutting process allows us to deliver even higher quality products, with decreased lead times. HCR had previously taken advantage of CNC fabrication equipment with the former cutting process of CNC plasma cutting. After considerable and seemingly exhaustive research into the processes available, HCR settled on the laser cutting process, primarily because of the high accuracy of the machine as well as the high quality of the parts produced.

The FO-NT features a dual-drive rack & pinion gantry, which allows us to achieve precise location at the fastest speed. A Fanuc RF-excited, fast axial flow resonator makes possible the cutting of a full range of materials and thicknesses. A patented Water Assisted Cutting System (WACS®) eliminates the need for time-wasting jumps across the sheet to control heat.

HCR's implementation of this machinery has dramatically improved through put and efficiencies plus the machinery allows for future growth as needed. HCR currently has 2 Amada certified Advanced Laser Operators: Brent Deffinbaugh and Mark Warren, as well as 2 Basic Operators Bob Ward and Jeremy Long.



A Visit from a local celebrity

The current reigning Miss Montana stopped by to tour our Lewistown factory recently.

Kristen Mantooth, a native of Lewistown, is also a Lyrical dancer, BLM firefighter and collegiate cross-country runner. During her campaign for the Miss Montana Pageant, she wrote and illustrated a children's book "Danny Goes to the Doctor", to raise awareness and funds for the Children's Miracle Network.

HCR would like to wish Kristen all the best in her future endeavors, and thank her for the wonderful job she has done.



Photo of Pete's failed attempt to trade Kristen an HCR hat for her crown... He wasn't aware that to wear a tiara, you have to pin it to your hair... And in order to do that, you have to HAVE hair!

HCR. The Simple Truth.

Unconditional Guarantee of Satisfaction Every Time!

If we can't solve your doorway problems thru an engineering approach, we won't accept the order. It's that simple.

From the knowledge gained in working more than 30 years on freezer and cooler solutions, we are so confident of our established engineering and specific model recommendations that we offer an Unconditional Guarantee of Satisfaction. During the first year of operation, if our equipment doesn't do what we say or you aren't completely satisfied, we'll remove it and refund your full purchase price for the equipment.

Typical HCR Case Study

With the thousands of high-speed traffic doors misapplied at high traffic freezer doorways, the following is a typical scenario we see regularly. The results? No less than impressive. The information was given to us by the end user that wishes to remain anonymous due to corporate restrictions on endorsements of any brand name equipment.

Type Business: Grocery Distribution Center in West Central Florida

Conditions

- 10°F freezer (design temperature) opening onto a +34°F refrigerated dock
- 3 freezer doors, 9'x14', high-speed, fast-fold with electric heaters on cold & warm side
- Fast fold freezer doors completely frozen to door jambs from top to bottom
- Frost on ceiling, walls, racks and product. Ice on floor immediately inside doorway
- 28.5kw heaters running 24/7
- Approximately 1,000 Open/Close cycles every 24 hours
- Energy cost: \$0.055/kwh
- Monthly electric bill just over \$130,000
- 4-6 defrost cycles every 24 hours



Actions

- Received HCR's energy-cost analysis and reviewed it with corporate headquarters
- Estimated ROI to be 2.8 years (including equipment, freight, installation & taxes)
- Removed all 3 traffic doors with heaters
- Installed 3 HCR Model DCAVs (Dual Conditioned Air Vestibules) utilizing hot gas reclaim (free waste heat) from refrigeration system as new heat source
- Cost: Approximately \$75,000 per freezer doorway or \$225,000 for all 3 doorways

Results

- Ice & frost completely disappeared from around freezer doorway and inside freezer within a week
- 1 defrost cycle every other day
- Reached and maintained designed freezer temperature
- ROI: Under 2 years, including equipment, freight, installation, hot gas refrigerant piping, hook-up & taxes

Comments

This installation was in July in West Central Florida
Nothing additional went on the load

If you have similar freezer doorway concerns, we'd be happy to run a no-obligation Energy-Cost Analysis so you and your refrigeration engineer can review our calculations. You can download the doorway survey form from our website at www.hcr-inc.com or call Toll Free 1+800+326-7700.

Outdoors with Becky

The recipe below is one of my all time favorites. My mom, Lois Smith, in addition to being HCR's long time bookkeeper (now retired) and founder George Smith's wife, is an excellent cook. I adapted her delicious BBQ sauce recipe for these ribs.

Grandma Lois' Country Style Ribs

- 3-4 lbs. country style pork ribs
- 1/3 c minced onion
- 3 T margarine
- 1C catsup
- 1/3 c vinegar
- 2T brown sugar
- 1/2 c water
- 2 tsp mustard
- 2T Worcestershire sauce

Cover pork ribs with water and simmer 2-3 hrs. Meanwhile, sauté onion in margarine. Stir in remaining ingredients. Cook on low heat while ribs simmer. When ribs are done, but not falling off the bone, grill over medium coals until nicely crisp, basting with sauce and turning frequently.

Tip: Freeze and store in ziplock bags for a delicious, easy meal while on your next camping trip!

Montana Facts

Billings has the most public road mileage of any city in Montana with 456 miles. Rexford has the least with 1.4 miles.

Motor vehicles on Montana's public roads traveled an estimated 9,855,000,000 miles in 2000.

Montana has 15 state owned airports, 118 public use airports, and over 350 private use airports.

Every spring nearly 10,000 white pelicans with a wingspan of nine feet migrate from the Gulf of Mexico to Medicine Lake in northeastern Montana.

17 Years Ago & Still a Record

Leda McReynolds, who works in HCR's office, is not just another pretty face. Here's a picture of her record book mountain sheep that she got in Sept. of 1991.



Leda shot the sheep with a 222 Remington from 300 yards. Montana Fish and Game had over 630 applications for a coveted sheep permit and Leda got one of five. She was in the Missouri Breaks, north of Winifred, MT, close to where she lives with her husband and three daughters. The sheep feed on the grain fields at night and lay under the juniper bushes in the day. They were re-introduced into the area in the 1960s and have thrived ever since. Her ram made it into the Boone and Crockett book of records with a score of 182 7/8" and weighed over 400 pounds dressed out without a head. Plus, she said the meat was delicious!

The two young girls are Leda's daughters. Angie (dark hair), is now at Montana State studying to be a music teacher and Sarah is attending college in Denver for a degree in international business. Looks like Mom can not only work, wash, clean and cook, but also bring home the bacon, or grain-fed mutton in this case. Congratulations, Leda!

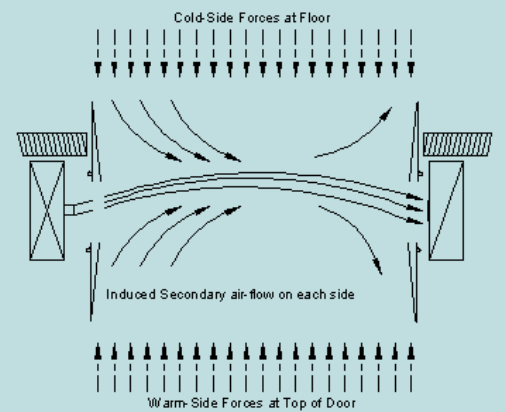
HCR Model Quiz



Can you name the HCR model pictured here?

Send your answers via email to hcr@hcr-inc.com.

Prizes will be given to the first 20 correct replies!



Need a hint? Call the factory and ask Pete!



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