

# Engineers continue to build partnership

**By Sgt. Rebekah Malone**  
225th Eng. Bde., PAO

BAGHDAD — Late at night, after the blazing sun has gone down, Soldiers from B Company, 46th Engineer Combat Battalion (Heavy), 225th Engineer Brigade and the 9th Iraqi Army Engineer

Regiment work on building housing units for Soldiers at al-Rasheed in the Rusafa district of central Baghdad, July 30.

Pfc. Joshua Prietoruiz, of Quebradillas, Puerto Rico, said working the IA engi-

neers has been an interesting part of his nearly 15 month deployment.

“It’s awesome!” he said. “They love working and I’ve learned (Arabic) words, about their culture and they have a sense of humor.”

The dual-mission of providing new housing is coupled with training the IA Soldiers to prepare the troops for the eventual withdrawal of American forces. After working with the IA Soldiers, Prietoruiz thinks they are ready.

“I think they are ready to rock and roll,” he said with a smile.

The 16 by 32 feet buildings can house more than 15 Soldiers and will serve as temporary housing for transient Soldiers. Once American forces leave, the IA engineers will more than likely use the housing units.

“The Iraqi Army engineers want to be involved side by side with the U.S. Soldiers ... as a team, together more and more each day,” said Staff Sgt. Cornelius Woods, of Natchez, Miss., noncommissioned officer-in-charge of the project. “It’s something wonderful to see.”

Woods paired the U.S. and IA engineers up into teams to learn all aspects of the construction of the B-Hut; from cutting, to framing to fabricating the buildings. With a U.S. Soldier in charge of each team, one on one instruction was given to each IA engineer.

“We have learned a lot of



Photo by Sgt. Rebekah Malone, 225th Eng. Bde. PAO

Spc. Eric Bones, of Pipestone, Minn., watches as Sgt. Ali Faris Alowarn hammers nails into the side of B-Huts in al-Rasheed in the Rusafa district of central Baghdad, July 30. The B Company, 46th Engineer Combat Battalion (Heavy), 225th Engineer Brigade partnered with the 9th Iraqi Army Engineer Regiment to build five housing units for Soldiers.

stuff from the Americans. We used new equipment we will probably use in the future,” said Jundi Ali Shaker Yaseen, IA Engineer. “The hands-on learning is a new experience.”

Woods explained that all the hard work the engineers performed together did more than just build B-Huts, it built a stronger partnership.

“It makes the Soldiers happy because 20 years down the road, they can see what they accomplished. It builds morale,” Woods said. “They take group photos and tell us thanks for helping.”



Photo by Sgt. Rebekah Malone, 225th Eng. Bde. PAO

Pfc. Joshua Prietoruiz (top), of Quebradillas, Puerto Rico, reaches for a board from Spc. Joseph Buckles, of New Florence, Penn., July 30. The B Company, 46th Engineer Combat Battalion (Heavy), 225th Engineer Brigade partnered with the 9th Iraqi Army Engineer Regiment to build five housing units at al-Rasheed in the Rusafa district of central Baghdad. Buckles said working with the IA Soldiers has been eventful. “They are fun loving people!” he laughed.

# Cavalry leaders observe Iraqi training

Photos and captions by Sgt. Jon Soles  
MND-B PAO



BAGHDAD – Warrant Officer Donnie Gray, of Houston, an allied trades technician, helps Maj. Gen. Abd al-Karim, commander of Rusafa Area Command, put on welder gloves before demonstrating for Karim how to weld armor to a pickup truck to be used by Iraqi National Police. Gray is assigned to Company B, Brigade Support Battalion, 3rd Brigade Combat Team, 82nd Airborne Division.



Col. Timothy McGuire, of Alamo, Calif., commander of 3rd BCT, 82nd Airborne Division, talks to Iraqi Army Gen. Abud Kanbar Hashim, commander of Baghdad Operational Command.



Capt. Nicholas Bajema, of Seattle, listens to a question from Iraqi National Police Maj. Gen. Abd al-Karim, commander of Rusafa Area Command.



Brig. Gen. John Murray (gesturing), deputy commanding general for maneuver, 1st Cav. Div., Multi-National Division—Baghdad, talks with Iraqi Army Gen. Abud Kanbar Hashim, commander of Baghdad Operational Command, during a visit to observe the training of Iraqi Army and National Police at Forward Operating Base Hammer, here, Aug. 1.

# GMAV takes extra eyes to battlefield

**By Sgt. Doug Roles**  
56th SBCT PAO, MND-B

TAJI, Iraq — A new unmanned aerial vehicle with “hover and stare” capability gives the high ground to 56th Stryker Brigade Combat Team units on Camp Taji, Iraq.

Soldiers piloting the Gas Micro Air Vehicle can use it as an extra set of eyes near a patrol or can send the UAV miles ahead to scout beyond the horizon and send back real-time video.

“Independence Brigade” pilots who have used the prototype in Iraq over the past seven months have provided feedback to manufacturer Honeywell.

Company engineers have used that input to make modifications to a forthcoming GMAV model.

“It’s exciting to hear their ideas that come back,” Kevin Bogert, a Honeywell field service engineer working at Camp Taji, said. “For a prototype configuration it’s done very well.”

“The beauty of the system is you can hover and stare,” Bogert said, adding that the GMAV can take snapshots, record video and help Soldiers mark targets.

GMAV can share its video with other computers, allowing Soldiers in multiple locations to view the same footage.

Bogert began instructing nine 56th SBCT Soldiers on the system in mid-December at Fort Polk, La. Training continued when the brigade arrived in Iraq.

With trained pilots in its ranks, the Pennsylvania Army National Guard brigade has been able to utilize the GMAV system to a greater extent than its predecessors at

Camp Taji.

“The 56th was the first unit to fly missions,” Bogert said. “We, Honeywell, were flying the missions for the 25th Infantry Division.”

Sgt. Blake Myers of Girard, Pa., with 1st Battalion, 112th Infantry Regiment, became the first person to fly the GMAV on April 25 while part of a combat unit on a mission outside a base.

Honeywell technicians had previously piloted the GMAV from Camp Taji. Myers termed flying GMAV “a blast.”

“You have to think three-dimensionally,” Myers said. “You have to forget about your left and right and think about the bird’s left and right.”

“GMAV brings more of a hovering capability. With GMAV I can go right up to the target,” Myers added.

Myers said the first flight in April was in support of a mission at a factory near Taji.

He explained that as the mission began, he spotted a man armed with an AK47 rifle with the GMAV. He said the man turned out to be a security guard and said use of the GMAV alerted the Soldiers to the presence of a friendly in the area.

“This bird was involved in the Nassir factory [mission]. I always kept it ... ahead so I was facing them [Stryker Soldiers],” Myers said.

Made in Albuquerque, N.M., the Honeywell micro UAV operates off a two-stroke engine similar to the power unit of a lawn trimmer. Ducted airflow from the unit’s fan guides the GMAV through its vertical takeoff and flight.

The system weighs about



Photo by Sgt. Doug Roles, 56th SBCT PAO

Sgt. Blake Myers of Girard, Pa., with 1st Battalion, 112th Infantry Regiment, 56th Stryker Brigade Combat Team, watches a Gas Micro Air Vehicle go through its start-up sequence Aug. 2. The camera of the unmanned aerial vehicle gives Soldiers a hover and stare capability on the battlefield, letting them see over hills and around buildings.

45 pounds. Though it is designed to be man-portable, with component carriers attaching to a Soldier’s body armor system, 56th SBCT pilots typically don’t pack the equipment on their backs. They’ve been loading the equipment into vehicles and setting it up upon arrival at a mission site.

“Guys are flying this more and more out the back of a Stryker,” Bogert said.

Bogert explained that Soldiers here are using the “Block One” configuration, the prototype. Honeywell’s “Block Two” fielding of GMAV is to Navy EOD teams in Afghanistan.

Bogert said the “Block Three” configuration, due to the Army in late summer, will cut Soldier exposure time by means of an electronic refueling system.

The new system will be fuel-injected and have its camera mounted on a multi-directional swivel.

The prototype’s camera

is stationary, meaning pilots must move the vehicle to move the camera.

The GMAV is started by a pull cord, similar to a lawnmower, and is moved from its starting base to a takeoff point.

Honeywell has produced 16 of the prototype systems, at a cost of about \$400,000 each. Each system includes two UAVs and the control apparatus.

Bogert said three systems have been issued for use by 56th brigade. One of those is used by the 2nd Battalion, 112th Infantry Regiment at Camp Liberty.

Despite the advantage it brings to the fight and the engineering specification involved in keeping the unit aloft, Soldiers have nicknamed the ungainly-looking GMAV the “flying beer keg” among other names.

“We’ve had it called the ‘flying trash can,’ also the ‘flying mosquito,’” Bogert said.

### On This Day In Military History

1998 — At 10:30 a.m. local time, a massive truck bomb explodes outside the U.S. embassy in Nairobi, Kenya. Minutes later, another truck bomb detonated outside the U.S. embassy in Dar es Salaam, the capital of neighboring Tanzania. The dual terrorist attacks killed 224 people, including 12 Americans, and wounded more than 4,500. The United States accused Saudi exile Osama bin Laden, a proponent of international terrorism against America, of masterminding the bombings. On August 20, President Bill Clinton ordered cruise missiles launched against bin Laden's terrorist training camps in Afghanistan and against a pharmaceutical plant in Sudan, where bin Laden allegedly made or distributed chemical weapons.



CLINTON

### MND-B Pic of the day!



Photo by Sgt. Shejal Pulivarti, 1BCT PAO CAMP TAJI, Iraq — Colombia, Tenn. Native, Spc. James Owen, an information technology specialist for 1st Brigade Combat Team, 1st Cavalry Division, reimages the hard drive of a computer in preparation for the set up of the brigade's new Tactical Command Post, here, Aug 2.

### FAMOUS FEATS OF CHUCK NORRIS

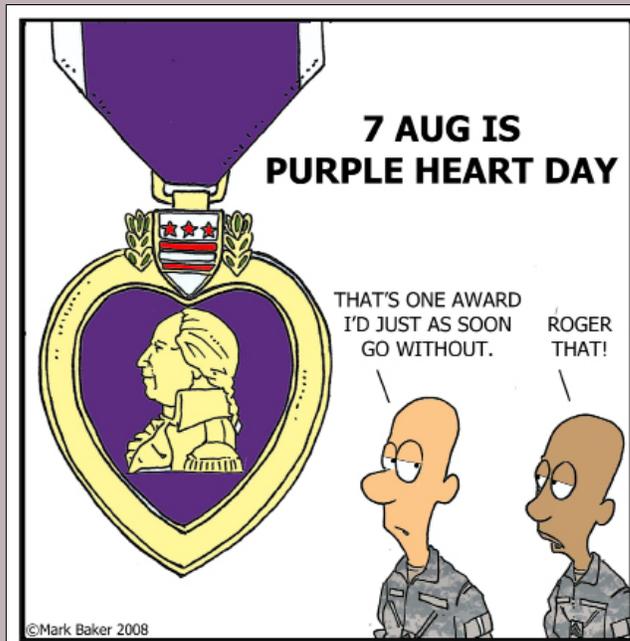


#### DID YOU KNOW?

Chuck Norris is not Politically Correct. He is just Correct.

### Pvt. Murphy

by Mark Baker



## Quote For Today

“Don’t measure yourself by what you have accomplished, but by what you should have accomplished with your ability.”

— John Wooden, 1910-American Coach, Author, Statesman

### Iraq 3-Day Weather Report



Today  
105° F | 78° F



Tomorrow  
105° F | 80° F



Sunday  
105° F | 80° F

### TRIVIA TIME!!

What trials, beginning in 1945, spawned the phrase “I was only following orders”?

Last Issue’s Answer: The Revolutionary War

## Cav Round-Up radio newscast available

### MND-B PAO

BAGHDAD — The Cav Round-Up is a three-minute radio newscast from Baghdad covering military units and events across Multi-National Division — Baghdad.

Today’s Cav Round-Up # 127 was produced by Sgt Erik Fardette, MND-B Public Affairs Office.

The August 6 newscast includes the following two stories:

1. MND-B soldiers help refurbish an old Baghdad landmark.

Soldiers from all walks of life unit at the Victory Base Complex for a common goal of making a lasting impression on Iraqi boy and girl scouts. It is important to let Iraq’s next generation they can build a better future.

2. Female MP Soldier keeps a sergeant major mobile, secure.

Her mission is to drive for him and be his security as he travels through the different cities of Baghdad. It is a bit of an honor to be his personal driver and it is also a lot of responsibility.

NIPR LINK: Cav Round-Up

SIPR LINK: Cav Round-Up

Check out more news at the 1st Cavalry Division’s homepage: [www.hood.army.mil/1stcavdiv/](http://www.hood.army.mil/1stcavdiv/)

## Trigger’s Teasers

			9	1				
8				5				9
	3	1	6	4	2	7		
		7				1		
1	9						4	7
		6				9		
	5	8	4		9	6	2	
7				1				3
			5	2				

The objective of the game is to fill all the blank squares in a game with the correct numbers. There are three very simple constraints to follow: **Every row of 9 numbers must include all digits 1 through 9 in any order. Every column of 9 numbers must include all digits 1 through 9 in any order. Every 3 by 3 subsection of the 9 by 9 square must include all digits 1 through 9.**

Every Sudoku game begins with a number of squares already filled in, and the difficulty of each game is largely a function of how many squares are filled in. The more squares that are known, the easier it is to figure out which numbers go in the open squares. As you fill in squares correctly, options for the remaining squares are narrowed and it becomes easier to fill them in.

### Yesterday’s Answers

6	8	7	1	4	2	3	9	5
9	2	1	8	5	3	4	6	7
5	4	3	9	7	6	1	2	8
4	7	5	3	8	9	2	1	6
3	1	8	2	6	7	5	4	9
2	6	9	4	1	5	7	8	3
7	9	4	6	3	1	8	5	2
8	3	2	5	9	4	6	7	1
1	5	6	7	2	8	9	3	4



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