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**TECWAR® TACTICAL WATER PURIFICATION SYSTEMS USED BY US AIR FORCE TO PROVIDE WATER FOR THE LAST MISSION OF US ARMY'S ONLY REMAINING MASH UNIT.**

*PORTABLE REVERSE OSMOSIS (PRO™) SYSTEM 3000 PROVIDED PURIFIED WATER FOR MEDFLAG 2005: A MILITARY EXERCISE JOINTLY CONDUCTED BY THE UNITED STATES OF AMERICA AND THE REPUBLIC OF ANGOLA.*

**ALLENTOWN, PA** - The last Mobile Army Surgical Hospital (MASH) in the United States Army had recently pitched its tents in Angola, Africa for exercise MEDFLAG 2005. Task Force Angola's MEDFLAG 2005 objectives were to install a large water pump in the town of Ambriz that would effectively double the town's water supply, establish and certify a hospital, delivering the first Humanitarian Assistance Program and provide crisis-response training with Angolan military members.

Included in the 212<sup>th</sup> MASH Unit's support team was the U.S. Air Force's 86<sup>th</sup> Contingency Response Group which kept the entire camp's water running throughout the whole exercise. The 86<sup>th</sup> CRG provided drinking; shower and laundry water for the task force by purifying the local sea water using the TECWAR® PRO™ 3000 Portable Reverse Osmosis Tactical Water Purification System.

The difficult terrain and the logistical layout proved little challenge to the waterdaws of the 86<sup>th</sup> CRG who were able to adapt and maximize the specific and unique capabilities of the TECWAR® PRO™ System. Their expertise enabled them to produce thousands of gallons of potable water from the ocean. The reason such a large amount of water was produced from sea water was because in addition to potable supplies, the purified water was also used to support laundry and showers for the base camp. The sea water processed through TerraGroup's PRO™ 3000 Unit was tested and in compliance with the drinking water standards listed in the US Military's water regulation: TB MED 577.

The PRO™ 3000's lightweight design, extremely versatile operational footprint and performance, once again demonstrated its value as the ultimate lightweight water purifier in the tactical class, and providing troops the confidence that high-quality water for drinking, shower, and laundry purposes can be produced from any water source anywhere in the world.

**ABOUT THE PRO 3000™.**

The PRO 3000™ is a tactical water treatment and purification system designed by TerraGroup Corporation. It provides absolute water purification for any field condition and was developed for early entry units, highly mobile teams and remote sites. The system was designed for transportation in a standard military M1097A series HMMWV; UH-60 Blackhawk helicopter; and C-130 Air Transport. The basic system can even be mounted on a John Deere Military Gator. With no requirement for external power, (generators or electricity) it is totally self-contained needing only diesel fuel or gasoline, depending on the model. It can be operational in less than 60 minutes and can be operated and maintained by one person with no special tools and minimal instruction. Basic system weight is less than 1,250 lbs. and its versatile footprint allows 300 ft. “source to storage” or “tailgate” configuration (and anything in between). The PRO™ 3000 flow rates range from 300 Gallons Per Hour (GPH) on freshwater water sources to 180 GPH on sea water. The PRO™ is effective in producing potable water from chemical, biological, radiological and nuclear (CBRN) contaminated sources and is designed to operate in hostile environments. The PRO™ 3000 Tactical Water Purification System is protected by 3 US Patents and Trademarks.

**ABOUT TERRAGROUP CORPORATION:**

TerraGroup Corporation has focused entirely on the design, engineering and manufacturing of patented water purification systems including water storage and distribution products that specifically address military field applications, potable water for disasters, emergency water supply and NBC decontamination. All of the TECWAR® systems are highly mobile, self-contained, modular and scalable. They are designed for rapid response, remote locations and expeditionary teams.

Headquartered in Allentown, Pennsylvania, the company continues its work in improving and developing water purification products for military field applications, environmental defense, homeland security and disaster relief. For more information on TECWAR® Tactical Water Purification Systems, visit [www.tacticalwater.com](http://www.tacticalwater.com) or email [tecwar@tacticalwater.com](mailto:tecwar@tacticalwater.com).

