Contact was made shortly after dawn on 26 June 2008 by the Marine Special Operations unit as it entered a narrow valley in far western Afghanistan. A routine reconnaissance patrol was ambushed. A fierce firefight resulted as the insurgents directed accurate small arms fire down from positions on the canyon walls. The American Marines and their Afghan allies dismounted to return fire. In the ensuing melee, one Marine was killed and six others were wounded. The two Navy corpsmen were among the casualties. A request for casualty evacuation to the Marine Special Operations (MARSOC) operations center at Farah triggered an immediate response. This action would validate the Special Operations Resuscitation Team (SORT) handled an average of two trauma cases a day.

(L to R) SPC Donnell Smith, Marine Sergeant Archer, SPC Dwayne Bostic and Staff Sergeant Antujuan Brown unload a casualty from the UH-60 MEDEVAC helicopter in Farah, Afghanistan. The Special Operations Resuscitation Team (SORT) handled an average of two trauma cases a day.

(L to R) CPT Jamie Riesberg, an Afghan interpreter, a medic from the CJSOTF Civil Affairs Team, SSG Brian Moore, and CPT Ed Dunton attend a trauma patient. The X-ray machine used by the team is shown as is a “bear hugger” blanket that circulates warm air over a patient to stabilize his body temperature.

Map of Farah. The Province of Farah is in the western part of Afghanistan. The provincial capital, also called Farah, was the location of the SORT.
Operations Resuscitation Team (SORT) from the 528th Sustainment Brigade Special Operations.

Army Staff Sergeant (SSG) Michael R. Fulghum and Sergeant (SGT) Antujuan Brown, the two Special Operations Combat Medics (SOCMs) on the SORT, grabbed M-9 medical bags and ran out to board two UH-60 Black Hawk helicopters on the Forward Operating Base (FOB) helipad. “SGT Brown got on the MEDEVAC [medical evacuation] bird and I jumped on the chase bird [an armed UH-60] and we took off,” said SSG Fulghum. “It was a twenty minute flight out there but we circled for an hour while the Marines tried to break contact and withdraw so we could get them.”

While close air support (CAS) aircraft dropped 500-pound bombs on the enemy positions, the Marines managed to break free from the ambush. The two Black Hawks alternately swooped down to pick up wounded Marines and Afghan soldiers; three casualties per helicopter. None of the casualties were on litters. To his horror, SSG Fulghum realized that one of his patients, a badly wounded Navy corpsman, was a friend.

“‘Tony’ had been shot through the left side and had a gaping wound in his lower chest wall,” said Fulghum. “His intestines were coming out and he was bleeding badly. It was chaos inside the aircraft. As the helicopter took off, two open bandages blew out the window. I got an IV in him and a dressing on the wound, but it was real bad.” As the two Black Hawks raced back to Farah, Fulghum checked the other two casualties.

“The Afghan was shot in the upper arm, but not too bad. The wounded Marine was hit in the upper thigh and had two tourniquets on his leg. He was still bleeding steadily so I put another tourniquet on above the others. It wasn’t much help, but I had to get back to Tony. That fifteen minute flight seemed like an eternity,” SSG Fulghum recalled. When the helicopters touched down, the patients were off-loaded onto litters and rushed into the small FOB hospital. The helicopters took off to bring back three more casualties.

For the next thirty-six hours, SORT personnel worked nonstop to stabilize the nine casualties sufficiently to evacuate them to the Army combat support hospital at Bagram. Everyone survived. The lifesaving that took place on 26 June 2008 validated the SORT concept for Army SOF as well as the team’s pre-mission training. This article will explain the mission preparation and how the SORT supported the Combined Joint Special Operations Task Force-Afghanistan (CJSOTF-A).

The SORT was created by the 528th Sustainment Brigade, Special Operations (Airborne) (Provisional) at Fort Bragg, North Carolina, to provide the stabilization and evacuation of casualties in Army Special Operations Forces (ARSOF) units and to reduce the patient administrative burden on unit medics. ARSOF needed a small, highly responsive lifesaving/life preserving medical organization that was leaner and more agile than that provided by the U.S. Army Medical Corps. Normally an 80-man area support medical company (ASMC), operating a small field hospital has this responsibility. The ASMC has a 40-bed holding capacity, provides ground ambulance evacuation, laboratory, X-ray, dental, and patient administration services for a corps area. An eight-man SORT reinforced by a small surgical team and...
dedicated air evacuation capability, was designed to provide advanced trauma management (ATM) to ARSOF units in remote field locations. This was the mission to be validated by the first SORT deployed by the 528th.\textsuperscript{5}

Captain (CPT) Jamie C. Riesberg, MD, the physician on the team, was an original member of the organization. After finishing his residency in family medicine at Womack Army Hospital, Ft Bragg in 2006, he was assigned to the battalion surgeon’s office of the 528th Support Battalion. “The SORT grew out of the Special Operations Medical Association Conference in Tampa in 2007,” said Riesberg. “The problem was how to provide Role II (second echelon, resuscitation and stabilization) medical support to ARSOF. The Army medical organization had too big a footprint. LTC Lorykay Wheeler, the 528th surgeon, built the capability that became the SORT.”\textsuperscript{6} The team structure reflected their mission of managing trauma on the battlefield.

“Based on our first OIF experience in 2003, it was clear that the SOSCOM (Special Operations Support Command) was not able to provide the second echelon of medical support that the ARSOF units needed when they first entered theater,” said LTC Lorykay W. Wheeler. “ARSOF has always depended upon conventional Army medical units to provide the Role II medical care. When we went to Iraq in 2003, the medical units that were programmed to support us took quite a while to flow in. Eventually a Forward Surgical Team (FST) showed up, but we needed their capability at the beginning.”\textsuperscript{7} After her tour in Iraq, LTC Wheeler worked with the surgeons of U.S. Army Special Operations Command (USASOC) and United States Special Operations Command (USSOCOM) to create a small, deployable organization that would fill the gap between the ARSOF team medics (Role I) and the U.S. Army Medical Corps Role II medical support.

“The SORT was originally created as an expeditionary, short-term fix until the theater medical assets were established,” said Wheeler. “It was designed to operate in an austere environment like we have in Afghanistan, where the coverage is difficult to provide due to the great distances and lack of Role II facilities.”\textsuperscript{8} The SORT concept survived the ARSOF logistical support reorganization that eliminated the 528th Special Operations Support Battalion.

“In putting together the Modified Table of Organization and Equipment (MTO&E), we had to take into account that the Special Forces physician’s assistants (PA) and medical teams had gone to the Special Forces Group Support Battalions (GSBs) when the 528th Battalion was disbanded in 2005,” said CPT Riesberg. “By MTO&E, the SORT had a physician with emergency room or family medicine training, a registered nurse (RN) with emergency medicine or critical care experience, two SOCMs, a licensed practical nurse (LPN), one X-ray technician, one laboratory technician, and one patient administration specialist. A PA from the GSB was optional.”\textsuperscript{9} The team did not have all these personnel for the 2008 Afghanistan mission.

The SORT supported the 7th Special Forces Group (SFG) from April to December 2008. The 7th SFG staff formed the nucleus of Combined Joint Special Operations Task Force-Afghanistan (CJSOTF-A), which controlled Coalition Special Operations Forces throughout the country. It was a multi-national and multi-service organization. The 7th SFG surgeon, Lieutenant Colonel (LTC) Andrew L. Landers, was dual-hatted as the CJSOTF surgeon.

“I requested the SORT because we needed a scaled-down package to provide their Role II (medical and surgical) capability in Farah,” said Landers. “The operating environment there was austere and the distances for evacuation were long.”\textsuperscript{10} Farah was a four-hour flight to Bagram on the other side of the country. “The SORT gave us an agile capability that we could move as necessary, said LTC Landers. “They provided the ability to stabilize casualties and, if necessary, their people could accompany the patient during the evacuation to the next level of care. They did that several times.”\textsuperscript{11} The initial SORT mission was to support the Marine Special Operations Command (MARSOC) forces in Farah, in extreme western Afghanistan. Having been alerted for deployment, the team conducted an intensive pre-mission training program.

Riesberg was the team physician. CPT E. Edward Dunton, RN, was the SORT Team Leader. SSG Brian P. Moore, one of two X-ray technicians, served as the Team Sergeant. SSG Michael R. Fulghum and SGT Antujuan Brown were the two SOCMs. Specialists (SPC) Donnell B. Smith, an X-ray technician, Ronnie M. Heflin, a laboratory technician, and Dwayne A. Bostic, a patient administration specialist, rounded out the team. There would be no PA or LPN. Cross-training provided medical specialty redundancy. The team trained to cover their requirements for communications, supply, and maintenance. Surgical support was to come from in-country Army medical assets.
“We had to make sure everyone was cross-trained,” said SSG Brian P. Moore. “We were starting from a blank slate. We had to do weapons qualification, survival training, and our military occupation specialty (MOS) training to get ready. We had about a month and a half when we got the word for the deployment.” After one false alarm, the team got the deployment orders in February 2008.

“Originally 3rd SFG requested us for Afghanistan in October 2007,” said CPT Ed Dunton. “That got turned off in February 2008. The 7th SFG requested us when they took over the CJSOTF mission from 3rd SFG. When we first got the word that we were going with the 7th, we did not have an exact (operational) location. Consequently we loaded all our tentage, water purification systems, generators, and everything in three ISU-90 containers.” The SORT left Pope Air Force Base with all its equipment on 21 April 2008 aboard a

*An ISU-90 container. The SORT was designed so that all its equipment could be loaded into three of these units for shipment on Air Force cargo aircraft.*

Afghanistan is divided into five Regional Commands, North, South, East, West, and Kabul the capital. RC-West was under Italian and Spanish control.

*(R to L) CPT Jamie Riesberg and Dr. Moreno from the Italian Coalition forces prepare to load a casualty from the Provincial Reconstruction Team’s MRAP (Mine Resistant Ambush Protected) ambulance onto a U.S. Air Force C-130 Hercules for evacuation to Bagram. At left, the Air Force crew chief looks on.*
C-17 Globemaster III. After stopping briefly to refuel at Spangdahlem Air Base in Germany, they arrived at Bagram, Afghanistan, on 22 April.

The SORT remained at Camp Vance, in Bagram for ten days. During that time they secured additional supplies and coordinated procedures with the theater hospital for the reception of patients. The 3rd SFG handed off the CJSOTF mission to the 7th on 1 June 2008. The CJSOTF surgeon, LTC Andrew L. Landers, wanted the SORT to cover operations in RC-West.

“I was able to meet with the team prior to their deployment,” said LTC Landers. “I told them their goal was to ensure that anyone who was alive when they were received by the SORT would remain alive as long as they were under the team’s control and were handed off to the next higher level of medical care.” Landers reminded the team not to forget their primary mission.

“His guidance to me was pretty straightforward,” said CPT Ed Dunton. “Do not degrade your capability.” The mission for the SORT was to support the MARSOC element and all coalition units operating in Regional Command-West (RC-West). A city of roughly 40,000 inhabitants, Farah was the primary urban center in the region. An Afghan district hospital was there.

Less than a mile out of Farah, the team found three small, closely spaced compounds. There was an airfield that could handle large transport aircraft. The compounds and the airfield were enclosed by a concertina wire perimeter fence. Adjoining the MARSOC compound was a second base used by the Afghan National Army (ANA).

Sponsored by the various Coalition nations, the American Provincial Reconstruction Team (PRT) is a multiservice organization with military and civilian personnel. Their mission is to facilitate humanitarian relief and reconstruction. Among the personnel in the PRT was a medical team of U.S. Navy Reservists with two physicians, a PA, a laboratory technician, and two corpsmen. The PRT base also housed the surgical team from Task Force-Med (TF-Med) from the U.S. Army Theater Medical Organization. The TF-Med team had been in Farah for six months. The team was made up of U.S. Army Reserve personnel and had a general surgeon, a nurse-anesthetist, two operating room technicians, an intensive care nurse, an LPN, and two medics. They provided the surgery capability the SORT did not have. Now three medical teams would operate out of the ten-room hospital on the PRT compound.

The medical facilities, while better than expected, were quite small and austere by U.S. standards. The largest room in the hospital was the four-bed trauma ward for incoming patients. There was an operating room, a pair of intensive care holding areas for patients coming out of surgery with two beds, and an intermediate holding area with two beds for stabilized patients awaiting evacuation. The hospital had a pharmacy, a central supply room that doubled as the area for sterilizing the surgical equipment, a small laboratory, a room where the SORT set up their communications equipment, and a break room. The air-conditioned building had a dedicated generator and an emergency back-up system. Space was at a premium so the SORT medical supplies were stored in 40-foot MILVAN containers. With three different medical teams using the same facility, a mutually acceptable routine and standard operating procedures (SOPs) had to be established.

“Initially we had three chains of command,” said CPT Ed Dunton. “Our mission was trauma. The PRT medical personnel took care of their routine sick call as well as for
locals and the TF-Med guys did surgery.”20 To reduce confusion in the trauma ward, the SORT demonstrated their well-practiced system. “At first, the guys had different ways of setting up the equipment for each bed,” said SSG Brain Moore. “I set up one bed the way we do it, with everything in a certain spot. The other teams agreed it was a good method and we set up all four that way.”21 That done, the SORT quickly fell into a daily routine; one that kept every member professionally busy in their specialty and with their additional duties.

SPC Donnell B. Smith was the primary X-ray technician on the team because SSG Moore filled the role of Team Sergeant and LPN. “Every patient we received had a chest X-ray, as a minimum. If the doctors needed other shots, I took them there at bedside,” said Smith. “My system is portable. I roll it up to the bedside and shoot it there. The X-ray is digital and can be read on my laptop. I store each patient in a separate computer file and the doctors can call up who they want to see.”22 If more than one patient arrived at once, the small trauma ward got very busy.

Trauma cases require that several actions occur simultaneously. “When we get more than one patient at a time, it gets pretty hectic around the beds. I have to get the patient information from the medics as they are working, fit my X-ray system in there, and get my shots. It can be like one of those automatic carwashes, just moving along,” said SPC Smith.23 The mission of the SORT was to stabilize the patients and evacuate them to the next higher level of medical care as quickly as possible. Initiating the evacuation request was the responsibility of SPC Dwayne A. Bostic, the SORT patient administrator.

“My key role was tracking the patients, collecting all their personal and medical information, and getting a file going on each one,” said Bostic. “My computer system is called Medical Communications for Combat Casualty Care (MC-4) and it collects all the patient’s vital information as I input it. This record follows the patient.”24 Once the doctor determined that the patient was sufficiently stable for evacuation, Bostic coordinated the pick-up.

“I would call the guys in Bagram that handled the evacuations at the combat support hospital. Getting a flight could sometimes be a real hassle,” said Bostic.25 Because medical evacuation flights were a coalition effort, in RC-West, the primary responsibility lay with the Italian and Spanish forces in charge in the region. “The Italians and Spanish had a four-hour launch time and they didn’t fly at night or in low visibility,” said CPT Ed Dunton. “If we could, we tried to get Air Force or Marine C-130s. Their response time was quicker.”26

“If we couldn’t get an Air Force aircraft, we could sometimes get the British in RC-South to take patients to their hospital,” said CPT Jamie Riesberg. Not all the patents went
directly to Bagram. “In some cases, we would fly the patient directly to the U.S. Army Hospital at Landstuhl.” In 18 to 20 hours he could be in Germany, said Riesberg. The SORT was responsible for the patient from his initial battlefield evacuation until he was passed to the next level of medical care.

“LTC Landers required that there be a SORT medic on each of the MEDEVAC birds,” said CPT Dunton. “This meant that the two SOCMs (Fulghum and Brown), Dr. Riesberg, or myself were involved in every MEDEVAC mission.” SORT personnel were well-qualified for this mission. “Both of the SOCMs were trained as flight medics at Fort Rucker, Alabama. CPT Dunton was a qualified flight nurse, and I was the flight surgeon for TF-101 flight crews,” said CPT Riesberg. As the deployment unfolded, the well-trained SORT members assumed additional duties and responsibilities.

“After the 26 June ambush, we began sending one of the SOCMs with every MARSOC operation,” said CPT Ed Dunton. “We lived and worked with those guys and there was a lot of trust built up that served us well in supporting their operations.” SORT members also supported the PRT operations when requested. “I went along on a medical civil action program (MEDCAP),” said SSG Brain P. Moore.
“I went out several times with the Civil Affairs (CA) guys on missions,” said SPC Smith. “I was a driver and a gunner on one of the vehicles, depending on what they needed.”

To SSG Moore, this was all part of the SORT mission. “If the teams asked and we could help, we did. Little things can mean a lot. When the MARSOC patrols came back, our guys would bring Gatorade and water out to them as soon as they hit the gate.” The SORT did more than help the Coalition Forces. They sponsored a free medical clinic for the local Afghans twice a week.

On Tuesday and Thursday, select members saw patients from the local villages. “We had an interpreter contracted by the PRT,” said SSG Michael Fulghum. “We called him ‘Dutch’. His English wasn’t that great, but he was willing. We ran an immunization program. We probably saw as many as a thousand people a week.” The team’s emphasis on cross-training paid off during these missions.

SPC Donnell Smith when not taking X-rays, ordered supplies. “We have a system called a computerized logistical program (D-Cams) for ordering supplies. CPT Dunton would figure out what we needed and I’d work up the order. The request would go up to the CJSTOL medical logistics planner who would get the stuff from the medical company at Bagram and send it to us,” said Smith. “Getting the stuff by air was the preferred method. If it was sent by ‘Ginga truck’ we might never see it.” The SORT also did most of the ordering of supplies for the TF-Med team.

CPT Clayton C. Langdon, the medical logistics planner for the 528th Sustainment Brigade commented, “The team deployed with a 30-day supply. This included blood and plasma products. Afghanistan is a different theater from Iraq; it is much more austere. Oftentimes it was easier, especially early in the deployment, for the team to call back to us and we would send their requests directly from Fort Bragg. One of the things we learned was that we needed was a medical logistician on the team. That guy could be at Bagram taking care of the SORT.” Despite a less than reliable supply system and at times a makeshift evacuation capability, the SORT for CJSTOL-Afghanistan demonstrated the validity of the concept.

“It all came together on 26 June. The first Marine we saw walked in with a bullet literally sticking out of his head. A round had hit his NVG [night vision goggles] helmet bracket,
split, and stuck in his skull,” said CPT Dunton. “When they brought the corpsman in, we were looking at what we call a ‘circle in the drain’ patient. He was literally ‘spiraling down’ and going fast. With him and the others, we were in a true mass casualty situation. Everyone worked all out and we had everyone stabilized pretty well inside of five hours. Except for the corpsmen, they were all evacuated in 18 hours (the corpsmen was evacuated after 36 hours.) That event justified all the training and preparation.38 Not only did the SORT save and preserve lives of those injured on the battlefield; it reduced the administrative load on the ARSOF Team medics.

“One of the biggest things the SORT does is free up the Special Operations medic to remain with his team,” said CPT Jamie Riesberg. “Before we came on the scene, the medic had to stay on the patient. It takes up to eight man-hours to do the coordination and record keeping to move a patient through the system. The ARSOF team medic was responsible for this, taking him away from his team. Now we take the patient off his hands well forward and streamline the system.”39

The Special Operations Resuscitation Team served in Farah from May until December 2008. The team averaged one to two trauma casualties a day from the RC-West units: the U.S. Army and Marines, ANA, Afghan National Police, and local civilians. Their greatest “surge” was handling 17 trauma patients in 18 hours. During its first employment in combat, the team demonstrated their value added to CJSOTF-Afghanistan. LTC Andrew Landers credited their success to “having the right people. It doesn’t just happen. They had the right combination of skills and motivation to do the job.”40

The author would like to thank the 528th Sustainment Brigade SORT members for the time and photographs that made this article possible.
Endnotes

1. Michael R. Fulghum, 528th Sustainment Brigade, Special Operations, interview by Dr. Kenneth Finlayson, 5 February 2009, Fort Bragg, NC, digital interview, USASOC History Office Classified Files, Fort Bragg, NC, Special Operations Combat Medic (SOCMs) are highly trained combat medics who have completed the first half of the year-long Special Forces Medic. They are expert in the treatment of combat casualties.

2. Fulghum interview, 5 February 2009.

3. Fulghum interview, 5 February 2009.


5. The earliest antecedents of the SORT were developed and deployed in 2004 and 2005 by the Joint Special Operations Command. A pruning process eliminated the dental and veterinary capability and resulted in the present SORT configuration. Fulghum interview, 5 February 2009.


10. Andrew L. Landers, 7th Special Forces Group, interview by Dr. Kenneth Finlayson, 10 February 2009, Fort Bragg, NC, digital interview, USASOC History Office Classified Files, Fort Bragg, NC.

11. Landers interview, 10 February 2009.


13. E. Edward Dunton, II., 528th Sustainment Brigade, Special Operations, interview by Dr. Kenneth Finlayson, 4 February 2009, Fort Bragg, NC, digital interview, USASOC History Office Classified Files, Fort Bragg, NC.


15. Dunton interview, 4 February 2009.


18. Task Force Med (TF-Med) was the Army Theater medical support organization. Headquartered at Bagram, it was comprised of the 396th Combat Support Hospital and the 550th Area Medical Support Company. These units staffed Craig Theater Hospital in Bagram and provided Area Medical Support to Coalition units throughout Afghanistan.

19. Dunton interview, 9 February 2009. The SORT communications package consisted of a regular telephone, a satellite telephone, and secure and unsecure computer networks. Most of the communications with the CISOTF were done with the MIRC, Military Instant Relay Chat internet system. Operational information had to be obtained from the MARSOC Tactical Operations Center.


22. Donnell B. Smith, 528th Sustainment Brigade, Special Operations, interview by Dr. Kenneth Finlayson, 4 February 2009, Fort Bragg, NC, digital interview, USASOC History Office Classified Files, Fort Bragg, NC.


24. Dwayne A. Bostic, 528th Sustainment Brigade, Special Operations, interview by Dr. Kenneth Finlayson, 4 February 2009, Fort Bragg, NC, digital interview, USASOC History Office Classified Files, Fort Bragg, NC.


32. Smith interview, 4 February 2009.

33. Moore interview, 4 February 2009.

34. Fulghum interview, 5 February 2009.

35. Bostic interview, 4 February 2009.

36. Smith interview, 4 February 2009.

37. Clayton C. Langdon, 528th Sustainment Brigade, Special Operations, interview by Dr. Kenneth Finlayson, 5 February 2009, Fort Bragg, NC, digital interview, USASOC History Office Classified Files, Fort Bragg, NC.

38. Dunton interview, 4 February 2009.


40. Landers interview, 10 February 2009.

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