Appendix A
List of MEDEVAC Units

Note: Prior to their assignment as aeromedical units, many existed with other specializations and designations. As medical units, all had subidentifiers. Companies and separate platoons were designated as (AA) for air ambulance, any aircraft. Medical detachments were designated as (HA) for helicopter ambulance, any aircraft, or (RA) for UH-1 aircraft, or (RG) for UH-60 aircraft. Another designation (RC) was used for a short time for units assigned for crash and rescue duties.

Korea Era

1st Helicopter Detachment
- 8190th Army Unit
- 37th Medical Detachment (HA)
- 47th Medical Platoon (AA)

2d Helicopter Detachment
- 8191st Army Unit
- 49th Medical Detachment (HA)

3d Helicopter Detachment
- 8192d Army Unit
- 52d Medical Detachment (HA)

4th Helicopter Detachment
- 8193d Army Unit
- 50th Medical Detachment (HA),
  Air Ambulance Platoon, 326th Medical Battalion, Delta Company,
  326th Medical Battalion,
- 50th Medical Company (AA)

1st Helicopter Ambulance Company (Provisional)

Post–Korea

15th Medical Detachment (HA/RA/RG)
21st Medical Platoon (AA)
32d Medical Detachment (HA)
36th Medical Detachment (RA/RG) – U.S. Army Air Ambulance
          Detachment Fort Polk, Louisiana
36th Medical Battalion (Evacuation)
45th Medical Company (AA)
47th Medical Detachment (HA)
52d Medical Battalion (Evacuation)
53d Medical Detachment (HA)
54th Medical Detachment (HA/RA) – 54th Medical Company (AA)
56th Medical Detachment (HA) – 56th Medical Platoon (AA)
56th Medical Battalion (Evacuation)
57th Medical Detachment (HA/RA/RG) – 57th Medical Platoon (AA) – 57th Medical Company (AA)
58th Medical Detachment (HA)
58th Medical Battalion (Evacuation)
61st Medical Battalion (Evacuation)
63d Medical Detachment (HA/RA/RG)
68th Medical Detachment (RA/RC)
68th Medical Company (AA)
78th Medical Detachment (RA)
82d Medical Detachment (HA/RA)
85th Medical Battalion (Evacuation)
132d Medical Detachment (RC)
151st Medical Detachment (RA)
159th Medical Detachment (RA/RG) – 159th Medical Company (AA)
212th Medical Detachment (RA)
214th Medical Detachment (RC/RG)
218th Medical Detachment (RC)
229th Medical Detachment (RA) – U.S. Army Air Ambulance
          Detachment, Fort Drum, New York
236th Medical Detachment (RA/RG)
237th Medical Detachment (RA)
247th Medical Detachment (RA/RG) – U.S. Army Air Ambulance
          Detachment, Fort Irwin, California
254th Medical Detachment (RA)
274th Medical Detachment (HA)
283d Medical Detachment (RA/RG)
377th Medical Company (AA)
421st Medical Company (AA) – 421st Medical Battalion
          (Evacuation)
431st Medical Detachment (RA)
436th Medical Detachment (HA Provisional)
498th Medical Company (AA)
507th Medical Company (AA)
542d Medical Company (AA)
571st Medical Detachment (RA) – 571st Medical Company (AA)
Appendix

587th Medical Detachment (RA)
658th Medical Detachment (AA) – 658th Medical Company (AA) (Provisional)
Air Ambulance Platoon, 15th Medical Battalion

**Army Reserve**

136th Medical Detachment (RA)
145th Medical Detachment (RA)
273d Medical Detachment (RA)
312th Medical Detachment (RA)
316th Medical Detachment (RA)
317th Medical Company (AA)
321st Medical Detachment (RA)
336th Medical Detachment (RA)
341st Medical Battalion (Evacuation)
343d Medical Detachment (RA)
345th Medical Company (AA)
347th Medical Detachment (RA)
348th Medical Detachment (RA)
354th Medical Detachment (RA)
364th Medical Detachment (RA)
374th Medical Detachment (RA)
412th Medical Detachment (RA)
423d Medical Detachment (RA)
429th Medical Battalion (Evacuation)
872d Medical Detachment (RA) – 872d Medical Company (AA)
989th Medical Detachment (RA)
990th Medical Detachment (RA)
991st Medical Detachment (RA)

**Army National Guard**

Note: These units are organized under the 54 individual National Guard organizations. All have lineages that evolve from previous units of all Army branches. Unit redesignations are common and occur yearly. Any unit may have existed for decades, at one time as an infantry unit, then transportation, then aviation, then medical, etc. See Appendix B for an example.

24th Medical Company (AA) Nebraska
86th Medical Company (AA) Vermont
104th Medical Company (AA) Maryland
107th Medical Company (AA) Ohio
110th Medical Battalion (Evacuation) Nebraska
<table>
<thead>
<tr>
<th>Call Sign – Dustoff</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>112th Medical Company (AA) Maine</td>
<td></td>
</tr>
<tr>
<td>121st Medical Company (AA) Washington, DC</td>
<td></td>
</tr>
<tr>
<td>123d Medical Company (AA) Mississippi</td>
<td></td>
</tr>
<tr>
<td>126th Medical Company (AA) California</td>
<td></td>
</tr>
<tr>
<td>133d Medical Company (AA) Alabama</td>
<td></td>
</tr>
<tr>
<td>142d Medical Detachment (HA/RA) North Dakota</td>
<td></td>
</tr>
<tr>
<td>146th Medical Detachment (HA/RA) West Virginia</td>
<td></td>
</tr>
<tr>
<td>148th Medical Company (AA) Georgia</td>
<td></td>
</tr>
<tr>
<td>151st Medical Battalion (Evacuation) Georgia</td>
<td></td>
</tr>
<tr>
<td>157th Medical Detachment (HA/RA) Colorado</td>
<td></td>
</tr>
<tr>
<td>172d Medical Company (AA) Arkansas</td>
<td></td>
</tr>
<tr>
<td>198th Medical Company (AA) Delaware</td>
<td></td>
</tr>
<tr>
<td>199th Medical Company (AA) Florida</td>
<td></td>
</tr>
<tr>
<td>397th Medical Detachment (HA/RA) New Hampshire</td>
<td></td>
</tr>
<tr>
<td>400th Medical Detachment (HA/RA) Washington, DC</td>
<td></td>
</tr>
<tr>
<td>441st Medical Detachment (HA/RA) Kentucky</td>
<td></td>
</tr>
<tr>
<td>470th Medical Detachment (HA/RA) Kentucky</td>
<td></td>
</tr>
<tr>
<td>659th Medical Detachment (HA/RA) South Carolina</td>
<td></td>
</tr>
<tr>
<td>670th Medical Detachment (HA/RA) Tennessee</td>
<td></td>
</tr>
<tr>
<td>681st Medical Company (AA) Indiana</td>
<td></td>
</tr>
<tr>
<td>717th Medical Detachment (HA/RA) - 717th Medical Company (AA) New Mexico</td>
<td></td>
</tr>
<tr>
<td>812th Medical Detachment (HA/RA) - 812th Medical Company (AA) Louisiana</td>
<td></td>
</tr>
<tr>
<td>813th Medical Detachment (HA/RA) Louisiana then Minnesota</td>
<td></td>
</tr>
<tr>
<td>832d Medical Company (AA) Wisconsin</td>
<td></td>
</tr>
<tr>
<td>841st Medical Detachment (HA/RA) Wisconsin</td>
<td></td>
</tr>
<tr>
<td>867th Medical Detachment (HA/RA) Missouri</td>
<td></td>
</tr>
<tr>
<td>868th Medical Detachment (HA/RA) Missouri</td>
<td></td>
</tr>
<tr>
<td>920th Medical Detachment (HA/RA) Kansas</td>
<td></td>
</tr>
<tr>
<td>986th Medical Detachment (HA/RA) – 986th Medical Company (AA) Virginia</td>
<td></td>
</tr>
<tr>
<td>997th Medical Company (AA) Arizona</td>
<td></td>
</tr>
<tr>
<td>1022d Medical Detachment (HA/RA) - 1022d Medical Company (AA) Wyoming</td>
<td></td>
</tr>
<tr>
<td>1042d Medical Detachment (HA/RA) - 1042d Medical Company (AA) Oregon</td>
<td></td>
</tr>
<tr>
<td>1058th Medical Detachment (HA/RA) South Dakota</td>
<td></td>
</tr>
<tr>
<td>1059th Medical Detachment (HA/RA) Massachusetts/New Hampshire</td>
<td></td>
</tr>
<tr>
<td>1085th Medical Detachment (HA/RA) - 1085th Medical Company (AA) South Dakota</td>
<td></td>
</tr>
<tr>
<td>1133d Medical Company (AA) Alabama</td>
<td></td>
</tr>
</tbody>
</table>
Appendix

1136th Medical Detachment (HA/RA) Texas
1150th Medical Detachment (HA/RA) Nevada
1159th Medical Company (AA) New Hampshire
1187th Medical Company (AA) Iowa
1214th Medical Company (AA) North Dakota
1250th Medical Company (AA) Utah
1255th Medical Company (AA) Nevada
1259th Medical Company (AA) South Carolina
1267th Medical Company (AA) Missouri
1297th Medical Detachment (HA/RA) Alaska

Post–Transformation (Planned)

Charlie Company, 5-158 General Support Aviation Battalion (GSAB)
Charlie Company, 1-214 GSAB
Charlie Company, 3-10 GSAB
Charlie Company, 2-52 GSAB
Charlie Company, 1-52 GSAB
Charlie Company, 7-101 GSAB
Charlie Company, 2-3 GSAB
Charlie Company, 2-1 GSAB
Charlie Company, 3-82 GSAB
Charlie Company, 6-101 GSAB
Charlie Company, 3-25 GSAB
Charlie Company, 2-227 GSAB
Charlie Company, 2-4 GSAB

US Army Aviation Detachment – Fort Rucker
US Army Aviation Detachment – Fort Drum
US Army Aviation Detachment – Fort Irwin
US Army Aviation Detachment – US Army South
US Army Aviation Detachment – Fort Polk

Army National Guard

Charlie Company, 2-104 GSAB
Charlie Company, 1-111 GSAB
Charlie Company, 1-189 GSAB
Charlie Company, 2-211 GSAB
Charlie Company, 2-149 GSAB
Charlie Company, 3-238 GSAB
Charlie Company, 1-168 GSAB
Charlie Company, 3-126 GSAB
Charlie Company, 1-126 GSAB
Call Sign – Dustoff

Charlie Company, 1-169 GSAB
Charlie Company, 1-171 GSAB
Charlie Company, 2-238 GSAB
Charlie Company, 5-159 GSAB
Charlie Company, 7-158 GSAB
Charlie Company, 2-135 GSAB
121st Medical Company (AA)
249th Medical Company (AA)
812th Medical Company (AA)
832d Medical Company (AA)

Appendix B

Typical History of an ARNG MEDEVAC Unit

The 112th Med Co (AA), Maine ARNG, traces its origin as a unit back to 22 June 1927, when it was organized in Gardiner, Maine, as Headquarters Company, 1st Battalion – 103d Infantry Regiment. As a member of the 103d, it inherited a rich tradition in military history because the 103d was one of the oldest and most famous fighting forces in the history of the United States.

On 1 February 1929, the unit was redesignated “Mike” Company, 103d Infantry Regiment, and was known as the top machine-gun company in the entire regiment. As part of one of the three regimental combat teams in the 43d Infantry Division, “Mike” Company was mobilized and sailed 1 October 1942 from San Francisco, California, and arrived in Auckland, New Zealand, on 22 October 1942. The unit later landed and defended the central part of the New Caledonia Island until February 1943. The unit received its first battle casualties while occupying the Russell Islands. Throughout its tour in the Pacific Islands the unit took part in the battle of the Munda airstrip and in the New Georgia Island Group, and in July of 1943 it helped repulse a formidable Japanese offensive on New Guinea.

“Mike” Company was officially returned to National Guard status on 17 April 1946. In March of 1959 the proud company was reorganized and designated “Aviation Troop, 103d Armored Cavalry Regiment.” It was equipped with OH-13 Sioux helicopters.

In 1960 the unit was redesignated the Aviation Company, 103d Armored Cavalry Regiment. In June 1961, it was again reorganized as the 112th Aviation Company (Fixed wing, light transport). The company traded its OH-13 Sioux Helicopters for U-1A Otter fixed wing aircraft. Unit strength at this time was about 5 pilots and 45–50 enlisted personnel.

The unit was further reorganized in March of 1963 when it became the 112th Aviation Company (CORPS ARTILLERY). It was the most combat ready unit in the Maine Army National Guard for that year.

After a short period of stability, the company was redesignated and federally
recognized as the “112th Medical Company (Air Ambulance)” on 13 November 1967. Its headquarters was in Gardiner, Maine, with its flight facility at the Augusta Airport.

The 112th moved to Bangor, Maine, in July of 1968 and took up residence in the original Army Aviation Support Facility that was dedicated on 23 July 1977. Aircraft and maintenance were located in the old hangar, building 254, from July 1968 to July 1977. The unit Headquarters and Operations were located in building 255, now the Band Armory.

The 112th moved up on the hill to the current armory in the summer of 1980.

The 112th has gone through several airframes over the years, including the CH-34 Choctaw and OH-23 Raven. In 1972 the 112th received its first UH-1H Huey and they continued to arrive until there were a total of 25 Hueys in the unit, six for each of the four flight platoons, and one for the Company Headquarters. The unit now had slots for 53 pilots, and a total of 142 personnel.

The 112th has saved many persons since receiving the UH-1H helicopter. One program, the Maine Incubator Transfer Service for Infant Emergencies (MITSIE) flew more than 400 premature babies. During the 1970s and 1980s the 112th gained a reputation as one of the most mission capable MEDEVAC companies in the entire U.S. Army. During this period the company participated in numerous exercises including “REFORGER,” “WINGED WARRIOR,” and many MEDEVAC support missions throughout the United States and foreign countries, performing hundreds of real world rescues.

On 6 December 1990, the 112th was again called into active federal service in support of Operation DESERT SHIELD/DESERT STORM. It deployed to Germany to support MEDEVAC operations in the European theater and remained in Europe up through and including Operation PROVIDE COMFORT. Distinguishing itself as reliable and highly mission capable, 112th was praised by General Crosby Saint, the commander of all U.S. Army forces in Europe.

The company returned to the United States and was released from active federal service on 4 September 1991.

From January 1994 through June 1994, 3 aircraft and 15 personnel deployed as MEDEVAC Support of Task Force Dirigo, an engineer mission to build roads, bridges, and schools near Salama, Guatemala.

From 1993 through 1997 the company underwent a total of five U.S. Army Aviation evaluations where it was validated as combat ready and deemed capable of performing its mission worldwide. As a result the 112th was designated as a “Force Support Package” and was selected to begin receiving the UH-60 “Blackhawk” helicopter in 1997. The program required the unit to maintain a high state of readiness and be prepared to mobilize and integrate with active duty counterparts on very short notice, a responsibility still taken very seriously today.

The first two Blackhawks to enter the state arrived in August of 1997.

From 19 August 1999 until 31 March 2000, 77 unit members successfully deployed to Bosnia-Herzegovina, where they provided MEDEVAC and peacekeeping support to the Stabilization Force 6 mission.
On 10 February 2003, the 112th was activated and mobilized through Fort Drum, New York, in support of Operation IRAQI FREEDOM. The unit arrived in Kuwait on 29 March and was based there with forward support medical teams at several locations throughout Iraq until April 2004. The unit flew more than 3,600 hours and evacuated more than 1,000 patients. The unit received the Master Readiness Award for the Highest Operational Readiness of any aviation unit in theater.

In the summer of 2005, 3 aircraft and 15 crewmembers voluntarily deployed to Louisiana in support of Hurricane Katrina relief efforts. They operated out of Belle Chasse Naval Air Station, where they augmented the 812th Med Co (AA) of the Louisiana ARNG.

Over the years the 112th has provided medical and aviation support to many organizations, both domestic and foreign. Unit members and equipment have frequently been called to other states and even other countries including Germany, Panama, Guatemala, Japan, Newfoundland, Bosnia-Herzegovina, Kuwait, Iraq, and most recently Louisiana.

Within Maine, the 112th is often requested to assist in search and rescue for lost persons, emergency medical evacuations, and medical assistance and rescue to accident victims in remote areas of the Maine wilderness.

(112th Med Co Unit History provided by 2d Lt. Jasmine Chase, Unit Historian, Maine ARNG)
# Appendix C
## MEDEVAC Losses Post–Vietnam Era through Operation IRAQI FREEDOM 1

### UH-1 Aircraft

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Unit</th>
<th>Crewmembers killed</th>
<th>Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Mar 75</td>
<td>Germany</td>
<td>421st</td>
<td>WO1 Desmond Downey CW2 John Johnson SP5 Earl Rankhorn SP5 Harvey Salas</td>
<td>Crash</td>
</tr>
<tr>
<td>13 Jul 77</td>
<td>Korea</td>
<td>377th</td>
<td>Capt. William Lashley CW2 James Miles S.Sgt. Horace Robinson Unknown</td>
<td>Crash</td>
</tr>
<tr>
<td>4 Jan 78</td>
<td>Tennessee (MAST)</td>
<td>326th Bn</td>
<td>Capt. John Dunnavant Capt. Terry Woolever Sgt. Floyd Smith Lt. Col. Ray Maynard Four Unknown</td>
<td>Crash</td>
</tr>
<tr>
<td>4 Mar 80</td>
<td>Kentucky (MAST)</td>
<td>326th Bn</td>
<td>WO1 Sheryl Siroonian Three Unknown</td>
<td>Crash</td>
</tr>
<tr>
<td>4 Sep 82</td>
<td>Colorado (MAST)</td>
<td>571st</td>
<td>Maj. Richard Bulliner Capt. William Inklebarger Pfc. Mark Welch S.Sgt. Gregg Penn</td>
<td>Crash</td>
</tr>
<tr>
<td>17 Sep 84</td>
<td>Indiana</td>
<td>412th USAR</td>
<td>Capt. Tom Heaverin CW2 Robert Machholz</td>
<td>Crash</td>
</tr>
</tbody>
</table>
23 Nov 90  | Oklahoma  | 374th USAR | CIV Philip Walker | Crash
14 Dec 90  | Texas  | 1267th Missouri ARNG | 1st Lt. Peter Rose, CW2 Carol McKinney, Sgt. Dallas Cooper | Crash
7 Feb 91  | S. Arabia | 229th | CW3 Richard Lee | Crash
27 Feb 91  | Iraq | 507th | 1st Lt. Daniel Graybeal, WO1 Kerry Heine, S.Sgt. Mike Robson | Shot down
13 May 91 | Honduras California ARNG | 126th | 1st Lt. Vicki Boyd, Capt. Sashai Dawn, S.Sgt. Linda Simonds | Crash
1 March 97 | Indiana | 681st | CW2 Thomas Miller | Crash


**UH-60 Aircraft**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Unit</th>
<th>Crewmembers killed</th>
<th>Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 Aug 88</td>
<td>Germany</td>
<td>236th</td>
<td>Capt. Kim Strader</td>
<td>Ground accident</td>
</tr>
<tr>
<td>30 Nov 89</td>
<td>Panama</td>
<td>214th</td>
<td>S.Sgt. Adrian Rosado</td>
<td>Water crash</td>
</tr>
<tr>
<td>19 Jan 91</td>
<td>S. Arabia</td>
<td>236th</td>
<td>S.Sgt. Garland Hailey</td>
<td>Crash</td>
</tr>
<tr>
<td>9 May 03</td>
<td>Iraq</td>
<td>571st</td>
<td>CW2 Hans Gukeisen, CW3 Brian Van Dusen, Cpl. Richard Carl</td>
<td>Combat loss</td>
</tr>
</tbody>
</table>

Abbreviations and Acronyms

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2C2</td>
<td>Army airspace command and control</td>
</tr>
<tr>
<td>AA</td>
<td>Air Ambulance</td>
</tr>
<tr>
<td>ABIP</td>
<td>Aviation Branch Implementation Plan</td>
</tr>
<tr>
<td>ACLS</td>
<td>Advanced cardiac life support</td>
</tr>
<tr>
<td>ACR</td>
<td>Armored cavalry regiment</td>
</tr>
<tr>
<td>AD</td>
<td>Armored Division</td>
</tr>
<tr>
<td>ADA</td>
<td>Air defense artillery</td>
</tr>
<tr>
<td>AFB</td>
<td>Air Force Base</td>
</tr>
<tr>
<td>AHR</td>
<td>Attack Helicopter Regiment</td>
</tr>
<tr>
<td>AHS</td>
<td>Academy of Health Services</td>
</tr>
<tr>
<td>AMEDD</td>
<td>Army Medical Department</td>
</tr>
<tr>
<td>AMES</td>
<td>Army Medical Evacuation System</td>
</tr>
<tr>
<td>AMS</td>
<td>Army Medical Service</td>
</tr>
<tr>
<td>AOC</td>
<td>Area of occupational concentration</td>
</tr>
<tr>
<td>ARI</td>
<td>Aviation Restructuring Initiative</td>
</tr>
<tr>
<td>ARMS</td>
<td>Aviation Resource Management Survey</td>
</tr>
<tr>
<td>ARNG</td>
<td>Army National Guard</td>
</tr>
<tr>
<td>ARS</td>
<td>Air Rescue Squadron</td>
</tr>
<tr>
<td>ARVN</td>
<td>Army of the Republic of Vietnam</td>
</tr>
<tr>
<td>ATI</td>
<td>Aviation Transformation Initiative</td>
</tr>
<tr>
<td>ATLS</td>
<td>Advanced trauma life support</td>
</tr>
<tr>
<td>AU</td>
<td>Army Unit</td>
</tr>
<tr>
<td>AVIM</td>
<td>Aviation intermediate maintenance</td>
</tr>
<tr>
<td>AVUM</td>
<td>Aviation unit maintenance</td>
</tr>
<tr>
<td>AXP</td>
<td>Ambulance transfer point</td>
</tr>
<tr>
<td>BAE</td>
<td>Brigade aviation element</td>
</tr>
<tr>
<td>BCT</td>
<td>Brigade combat team</td>
</tr>
<tr>
<td>BIAP</td>
<td>Baghdad International Airport</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>C2</td>
<td>Command and control</td>
</tr>
<tr>
<td>CALL</td>
<td>Center for Army Lessons Learned</td>
</tr>
<tr>
<td>CASH</td>
<td>Combat Army Surgical Hospital</td>
</tr>
<tr>
<td>CAT</td>
<td>Crisis action team</td>
</tr>
<tr>
<td>CD</td>
<td>Cavalry Division</td>
</tr>
<tr>
<td>CEOI</td>
<td>Communications electronic operating instructions</td>
</tr>
<tr>
<td>CHS</td>
<td>Combat health support</td>
</tr>
<tr>
<td>C/JFLCC</td>
<td>Combined/Joint Force Land Component Command</td>
</tr>
<tr>
<td>CMF</td>
<td>Contingency Medical Force</td>
</tr>
<tr>
<td>CMTC</td>
<td>Combat Maneuver Training Center</td>
</tr>
<tr>
<td>CONUS</td>
<td>Continental United States</td>
</tr>
<tr>
<td>COSCOM</td>
<td>Corps Support Command</td>
</tr>
<tr>
<td>CSAR</td>
<td>Combat Search and Rescue</td>
</tr>
<tr>
<td>CSH</td>
<td>Combat Support Hospital</td>
</tr>
<tr>
<td>CTC</td>
<td>Combat training center</td>
</tr>
<tr>
<td>CTF</td>
<td>Combined task force</td>
</tr>
<tr>
<td>DAART</td>
<td>Downed aircraft or aircrew recovery team</td>
</tr>
<tr>
<td>DASC</td>
<td>Direct air support center</td>
</tr>
<tr>
<td>DCE</td>
<td>Defense coordination element</td>
</tr>
<tr>
<td>DCO</td>
<td>Defense coordination officer</td>
</tr>
<tr>
<td>DCSOPS</td>
<td>Deputy chief of staff for operations</td>
</tr>
<tr>
<td>DCSPER</td>
<td>Deputy chief of staff for personnel</td>
</tr>
<tr>
<td>DISCOM</td>
<td>Division Support Command</td>
</tr>
<tr>
<td>DMOC</td>
<td>Division medical operations center</td>
</tr>
<tr>
<td>DOD</td>
<td>Department of Defense</td>
</tr>
<tr>
<td>DOMS</td>
<td>Director of Military Support</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transportation</td>
</tr>
<tr>
<td>EAC</td>
<td>Echelon above corps</td>
</tr>
<tr>
<td>EMAC</td>
<td>Emergency Management Assistance Compact</td>
</tr>
<tr>
<td>EMT</td>
<td>Emergency medical technician</td>
</tr>
<tr>
<td>ESSS</td>
<td>External stores support system (UH-60)</td>
</tr>
<tr>
<td>FARP</td>
<td>Forward arming and refueling point</td>
</tr>
<tr>
<td>FASCOM</td>
<td>Field Army Support Command</td>
</tr>
<tr>
<td>FC</td>
<td>Field Circular</td>
</tr>
<tr>
<td>FEAF</td>
<td>Far East Air Force</td>
</tr>
<tr>
<td>FECOM</td>
<td>Far East Command</td>
</tr>
<tr>
<td>FHP</td>
<td>Force health protection</td>
</tr>
<tr>
<td>FLIR</td>
<td>Forward Looking Infrared</td>
</tr>
<tr>
<td>FLOT</td>
<td>Forward Line of Troops</td>
</tr>
<tr>
<td>FM</td>
<td>Field Manual</td>
</tr>
<tr>
<td>FOB</td>
<td>Forward Operating Base</td>
</tr>
<tr>
<td>FORSCOM</td>
<td>U.S. Army Forces Command</td>
</tr>
<tr>
<td>FSMT</td>
<td>Forward Support MEDEVAC Team</td>
</tr>
<tr>
<td>FST</td>
<td>Forward surgical team</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FTX</td>
<td>Field training exercise</td>
</tr>
<tr>
<td>GPS</td>
<td>Global positioning system</td>
</tr>
<tr>
<td>GSAB</td>
<td>General Support Aviation Battalion</td>
</tr>
<tr>
<td>HCA</td>
<td>Humanitarian civilian assistance</td>
</tr>
<tr>
<td>HF</td>
<td>High frequency</td>
</tr>
<tr>
<td>HSS</td>
<td>Health service support</td>
</tr>
<tr>
<td>HSSALB</td>
<td>Health service support to AirLand Battle</td>
</tr>
<tr>
<td>ID</td>
<td>Infantry Division</td>
</tr>
<tr>
<td>IFOR</td>
<td>Implementation Force, Bosnia</td>
</tr>
<tr>
<td>ISAF</td>
<td>International Security Assistance force</td>
</tr>
<tr>
<td>JAAF</td>
<td>Joint Army Air Force</td>
</tr>
<tr>
<td>JFLCC</td>
<td>Joint Forces Land Component Command</td>
</tr>
<tr>
<td>JFS</td>
<td>Joint force surgeon</td>
</tr>
<tr>
<td>JNA</td>
<td>Yugoslav National Army</td>
</tr>
<tr>
<td>JOC</td>
<td>Joint operations center</td>
</tr>
<tr>
<td>JOPES</td>
<td>Joint Operation Planning and Execution System</td>
</tr>
<tr>
<td>JP</td>
<td>Joint Publication</td>
</tr>
<tr>
<td>JPMRC</td>
<td>Joint patient movement requirements center</td>
</tr>
<tr>
<td>JROC</td>
<td>Joint Requirements Oversight Council</td>
</tr>
<tr>
<td>JRTC</td>
<td>Joint Readiness Training Center</td>
</tr>
<tr>
<td>JTF</td>
<td>Joint task force</td>
</tr>
<tr>
<td>JVX</td>
<td>Joint vertical aircraft experimental</td>
</tr>
<tr>
<td>KFOR</td>
<td>Kosovo Force</td>
</tr>
<tr>
<td>KIA</td>
<td>Killed in action</td>
</tr>
<tr>
<td>KKMC</td>
<td>King Khalid Military City, Saudi Arabia</td>
</tr>
<tr>
<td>KLA</td>
<td>Kosovo Liberation Army</td>
</tr>
<tr>
<td>LHX</td>
<td>Light helicopter experimental</td>
</tr>
<tr>
<td>LSA</td>
<td>Logistics support area</td>
</tr>
<tr>
<td>MASCAL</td>
<td>Mass casualty event</td>
</tr>
<tr>
<td>MASH</td>
<td>Mobile Army Surgical Hospital</td>
</tr>
<tr>
<td>MAST</td>
<td>Military Assistance to Safety and Traffic</td>
</tr>
<tr>
<td>MAW</td>
<td>Marine Aircraft Wing</td>
</tr>
<tr>
<td>MDW</td>
<td>Military District of Washington</td>
</tr>
<tr>
<td>MEB</td>
<td>Marine Expeditionary Brigade</td>
</tr>
<tr>
<td>MEDCOM</td>
<td>Medical Command</td>
</tr>
<tr>
<td>Med Co (AA)</td>
<td>Medical Company (Air Ambulance)</td>
</tr>
<tr>
<td>MEDDAC</td>
<td>Medical Department Activity</td>
</tr>
<tr>
<td>Med Det (HA)</td>
<td>Medical Detachment (Helicopter Ambulance)</td>
</tr>
<tr>
<td>Med Det (RA)</td>
<td>Medical Detachment UH-1</td>
</tr>
<tr>
<td>Med Det (RC)</td>
<td>Medical Detachment (Crash Rescue)</td>
</tr>
<tr>
<td>Med Det (RG)</td>
<td>Medical Detachment UH-60</td>
</tr>
<tr>
<td>MEF</td>
<td>Marine Expeditionary Force</td>
</tr>
<tr>
<td>MEU</td>
<td>Marine Expeditionary Unit</td>
</tr>
<tr>
<td>MEPAO</td>
<td>Medical Evacuation (Air/Ground) Proponency Action Office</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>MEPD</td>
<td>Medical Evacuation Proponency Directorate</td>
</tr>
<tr>
<td>METT-TC</td>
<td>Mission, enemy, terrain, troops, time, civilian considerations</td>
</tr>
<tr>
<td>MFO</td>
<td>Multinational force and observers</td>
</tr>
<tr>
<td>MF2K</td>
<td>Medical Force 2000</td>
</tr>
<tr>
<td>MHS</td>
<td>Military health system</td>
</tr>
<tr>
<td>MNB</td>
<td>Multinational brigade</td>
</tr>
<tr>
<td>MND</td>
<td>Multinational division</td>
</tr>
<tr>
<td>MND-N</td>
<td>Multinational division - North</td>
</tr>
<tr>
<td>MOASS</td>
<td>Mother of all Sandstorms (in Iraq, 24–25 March 2003 during Operation IRAQI FREEDOM)</td>
</tr>
<tr>
<td>MOOTW</td>
<td>Military operations other than war</td>
</tr>
<tr>
<td>MOS</td>
<td>military occupational specialty</td>
</tr>
<tr>
<td>MRI</td>
<td>Medical Reengineering Initiative</td>
</tr>
<tr>
<td>MSC</td>
<td>Medical Service Corps</td>
</tr>
<tr>
<td>MSPR</td>
<td>Medical System Program Review</td>
</tr>
<tr>
<td>MTF</td>
<td>Medical task force</td>
</tr>
<tr>
<td>NATO</td>
<td>North Atlantic Treaty Organization</td>
</tr>
<tr>
<td>NCO</td>
<td>Noncommissioned officer</td>
</tr>
<tr>
<td>NTC</td>
<td>National Training Center</td>
</tr>
<tr>
<td>NVGs</td>
<td>Night vision goggles</td>
</tr>
<tr>
<td>OPCON</td>
<td>Operational control</td>
</tr>
<tr>
<td>OPMS</td>
<td>Officer personnel management system</td>
</tr>
<tr>
<td>OTSG</td>
<td>Office of The Surgeon General</td>
</tr>
<tr>
<td>QRF</td>
<td>Quick reaction force</td>
</tr>
<tr>
<td>PDF</td>
<td>Panamanian Defense forces</td>
</tr>
<tr>
<td>PET</td>
<td>Patient evacuation team</td>
</tr>
<tr>
<td>RCT</td>
<td>Regimental combat team</td>
</tr>
<tr>
<td>RIF</td>
<td>Reduction in Force</td>
</tr>
<tr>
<td>RL</td>
<td>Readiness level</td>
</tr>
<tr>
<td>ROTC</td>
<td>Reserved Officers’ Training Corps</td>
</tr>
<tr>
<td>RSOI</td>
<td>Reception, staging, onward movement, and integration</td>
</tr>
<tr>
<td>SAR</td>
<td>Search and Rescue</td>
</tr>
<tr>
<td>SC</td>
<td>Specialty code</td>
</tr>
<tr>
<td>SFOR</td>
<td>Stabilization Force, Bosnia</td>
</tr>
<tr>
<td>SIPRNET</td>
<td>SECRET Internet Protocol Router Network</td>
</tr>
<tr>
<td>SOP</td>
<td>Standard operating procedure</td>
</tr>
<tr>
<td>SPINs</td>
<td>Special instructions</td>
</tr>
<tr>
<td>SRC</td>
<td>Standard requirements code</td>
</tr>
<tr>
<td>SRT</td>
<td>Special reaction team</td>
</tr>
<tr>
<td>TDA</td>
<td>Table of distribution and allowances (organizations that are part of the base infrastructure of an Army garrison)</td>
</tr>
<tr>
<td>TF</td>
<td>Task Force</td>
</tr>
<tr>
<td>TFME</td>
<td>Task Force Medical Eagle (deployment to Bosnia)</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>TFMF</td>
<td>Task Force Medical Falcon (deployment to Kosovo)</td>
</tr>
<tr>
<td>TO&amp;E</td>
<td>Table of Organization and Equipment</td>
</tr>
<tr>
<td>TOC</td>
<td>Tactical operations center</td>
</tr>
<tr>
<td>TPMRC</td>
<td>Theater patient movement requirements center</td>
</tr>
<tr>
<td>TRADOC</td>
<td>U.S. Army Training and Doctrine Command</td>
</tr>
<tr>
<td>TROAA</td>
<td>TRADOC Review of Army Aviation</td>
</tr>
<tr>
<td>TTP</td>
<td>Tactics, techniques, and procedures</td>
</tr>
<tr>
<td>UA</td>
<td>Unit of action</td>
</tr>
<tr>
<td>UE</td>
<td>Unit of employment</td>
</tr>
<tr>
<td>UN</td>
<td>United Nations</td>
</tr>
<tr>
<td>UNMIK</td>
<td>United Nations Mission, Kosovo</td>
</tr>
<tr>
<td>UNOSOM</td>
<td>United Nations Operation in Somalia</td>
</tr>
<tr>
<td>UNPROFOR</td>
<td>United Nations Protection Force</td>
</tr>
<tr>
<td>USAAAD</td>
<td>U.S. Army Air Ambulance Detachment</td>
</tr>
<tr>
<td>USAAVNC</td>
<td>U.S. Army Aviation Center</td>
</tr>
<tr>
<td>USAR</td>
<td>U.S. Army Reserve</td>
</tr>
<tr>
<td>USAREUR</td>
<td>U.S. Army Europe</td>
</tr>
<tr>
<td>USASAM</td>
<td>U.S. Army School of Aviation Medicine</td>
</tr>
<tr>
<td>USASCV</td>
<td>U.S. Army Support Command Vietnam</td>
</tr>
<tr>
<td>USASGV</td>
<td>U.S. Army Support Group Vietnam</td>
</tr>
<tr>
<td>USCENTCOM</td>
<td>U.S. Central Command</td>
</tr>
<tr>
<td>USNORTHCOM</td>
<td>U.S. Northern Command</td>
</tr>
<tr>
<td>USSOCOM</td>
<td>U.S. Special Operations Command</td>
</tr>
<tr>
<td>USSOUTHCOM</td>
<td>U.S. Southern Command</td>
</tr>
<tr>
<td>VNAF</td>
<td>Vietnamese Air Force</td>
</tr>
<tr>
<td>ZOS</td>
<td>Zone of separation, Bosnia</td>
</tr>
</tbody>
</table>
Endnotes

Preface

3. Ibid.

Chapter One
An Honorable Heritage

3. Ibid.
5. Ibid., 27.
7. Ibid., 604.
8. Ibid., 605.
10. Fardink, 6.
12. Ibid., 81, 91.
14. Ibid., 36. (This mission is noted as both the first helicopter rescue and first helicopter MEDEVAC, although technically since Harmon did not have a medic onboard, it would now be considered CASEVAC. Both the MEDEVAC and rescue communities celebrate it as a key event in their respective heritages.)
15. Van Wagner, 93.
27. Ibid., 586.
28. Ibid., 590. As can be seen by these events Air Force Rescue and Army MEDEVAC are close cousins. In addition to Harmon’s rescue in World War II, both communities claim some of these same Korea events as part of their own heritage. Many years later an Air Force Rescue unit, the 33d Expeditionary Rescue Squadron, would be dispatched for MEDEVAC duty in Afghanistan in 2005.
29. Ibid., 589; Marion, 10.
32. Ibid., 291.
33. Ibid., 291.
35. Driscoll, 291.
36. Hamner, 158, Directory and Station List of the United States Army, June 1953.
38. Neel/Gaudiano interview.
41. Driscoll, 295.
42. Cowdrey, 165.
43. Driscoll, 292.
44. Ibid., 293.
45. Ibid., 293.
46. Ibid., 293.
47. Marion, 15.
49. Driscoll, 294.
54. Marion, 17.
56. Marion, 18.
57. Driscoll, 295.
58. Cowdrey, 167, 342.

Chapter Two
From Korea through Vietnam

7. History of the 54th Medical Detachment, 6 January 1958, MEDEVAC Files, Office of Medical History, Falls Church, VA.
16. Ibid., 2–8
17. Ibid., 9–11.
18. Ibid., 11.
19. Ibid., cover letter.
21. Hough, 227, 232; Historical data for the 24th Med Co (AA), supplied by Col. Tom Schuurmans, Nebraska ARNG, MEDEVAC Unit files, Office of Medical History, Falls Church, VA.
28. Ibid., 76.
30. Cook, 86.
32. Cook, 93.
34. Dorland, 26–27; Ginn, 322.
35. Dorland, 28–29
36. Ibid., 118.
39. Ibid., 35, 53.
40. Ibid., 37.
42. Ginn, 337.
43. Moore interview.
45. Dorland, 39; Truscott interview.
46. History, Headquarters 15th Medical Battalion, 1st Cavalry Division, 1 January–31 December 1968, 10 January 1969. NARA RG 112, Stack 390, Box 1, Aeronautical Units, 15th Medical Battalion.
47. Cook, 80; Ginn, 339.
48. Cook, 82.
49. Dorland, 49.
50. Cook, 84.
51. Dorland, 52.
52. Ibid., 44.
53. Moore interview.
55. Pamphlet, 421st Medical Company, March 1966, MEDEVAC Files, Office of Medical History, Falls Church, VA.
56. Truscott interview.
57. Dorland, 54.
58. Ibid., 78.
59. Cook, 90.
60. Ibid., 91.
61. Ibid., 81.
62. Moore interview.
63. Truscott interview.
64. Directory and Station List of the United States Army, December 1967.
67. Dorland, 69; Moore interview.
68. Directory and Station List of the United States Army, December 1968.
69. MFR, DASG – HCA files, 16 August 1968, Office of Medical History, Falls Church, VA.
70. Historical data for the 24th Med Co (AA), supplied by Col. Tom Schuurmans, Nebraska ARNG, MEDEVAC Unit files, Office of Medical History, Falls Church, VA.
71. DASG-HCA files, MFR 29 January 1970, Office of Medical History, Falls Church, VA.
72. Dorland, 63.
xxxviii  Call Sign – Dustoff

76. Pamphlet, Dustoff Europe, 1969, MEDEVAC Files, Office of Medical History, Falls Church, VA.
77. Dorland, 95; “Dustoff” Newsletter, 50th Med Det (RA) June 1968, 50th Med Co History, Fort Campbell, KY.
78. USARV Aviation Operational Procedures Guide, 1 June 1970, page 5-1, MEDEVAC Files, Office of Medical History, Falls Church, VA.
80. Ibid., 96.
81. Ibid., 102–105.
82. Truscott interview.
87. TOE 8-660H, 17 April 1970, Box 228, Office of Medical History, Falls Church, VA.
88. TOE 8-137H, 23 May 1972, Box 224, Office of Medical History, Falls Church, VA.
90. Directory and Station List of the United States Army, October 1971.
91. Foust interview.
93. Dorland, 113.
94. Ginn, 328.
95. Dustoff Association Newsletter, Fall 1997, 1.
96. Dorland, 118–119.
97. Ibid., 119.
98. Neel, Helicopter Evacuation, 698; Dorland, 120.
99. Cook, 147.
100. Ibid., 147.
101. Neel/Bullard interview; Ginn, 321.
104. Ginn, 322.

Chapter Three
Quiet Years, 1973–1980

4. Novier interview.
8. Ibid.
9. Ibid.
15. Foust interview.
18. Moore interview.
20. Ibid., 398.
23. Truscott interview.
24. Hapner interview.
27. Hough, 205–226.
29. Letter from Dr. Charles Atkinson, to Col. Neel, 16 February 1968, and response 26 February 1968, MAST Files, Office of Medical History, Falls Church, VA.
33. Historical data for the 24th Med Co (AA), supplied by Col. Tom Schuurmans, Nebraska ARNG, MEDEVAC Unit files, Office of Medical History, Falls Church, VA; MEMORANDUM FOR the Secretary of the Army From the Secretary of Defense, 12 August 1969, Item 3 MAST Book 2 of 2, U.S. Army Aviation Museum Archives, Fort Rucker, AL.
34. MEMORANDUM SUBJECT: Results of MAST Study Group Meeting 13 May 1970, Item 5 MAST Book 2 of 2, U.S. Army Aviation Museum Archive, Fort Rucker, AL.

35. Annex E, MAST Military Assistance to Safety and Traffic, Appendices to Report of Test Program by the Interagency Study Group, March 1971, 12–13, Box HCO-FD (AVN), Office of Medical History, Falls Church, VA.

36. Ibid.

37. Ibid.

38. Ibid., 16–24.

39. Ibid., 3–5.


41. Annex B1, MAST Military Assistance to Safety and Traffic, Appendices to Report of Test Program by the Interagency Study Group, March 1971, Box HCO-FD (AVN) Office of Medical History, Falls Church, VA.

42. “Over Two Decades of Service: An Update on MAST,” no author, 1987, Box HCO-FD (AVN), Office of Medical History, Falls Church, VA.

43. Ibid.

44. Ibid., 5.


46. Foust interview.


48. Ibid.


54. Truscott interview.


61. Field Manual 8-10, 2 October 1978, 1, and 2-1.


63. Field Manual 8-10, 2 October 1978, 2-4, 4-3.

64. MAST File, Office of Medical History, Falls Church, VA.

65. 326th Med Bn Quarterly Historical Summary, 1 January–31 March 1978, 7 April 1978, Historical Files, 101st ABN Div, Fort Campbell, KY.

66. Foust interview.

67. Brady interview.
Chapter Four

1. MEMORANDUM FOR the Chief of Staff, Army, SUBJECT: Aviation Branch Composition – Action Memorandum, 13 Apr 1983, MEDEVAC File, Notebook AVN BR vs 67J, Office of Medical History, Falls Church, VA.
3. Hapner interview.
4. Ibid.
5. Ibid.
7. 326th Medical Battalion Quarterly History, 1 October 1980 to 30 September 1981, 101st ABN Division History Office, Fort Campbell, KY; Scofield interview; Novier interview
8. Lockard interview; Scofield interview.
9. Novier interview.
10. Ibid.
11. After Action Report AHUAS TARA II, Box 157E, Office of Medical History, Falls Church, VA).
12. Foust interview.
13. Ibid.
22. MFR, Subject: General Officer Aviation Branch Composition Meeting 7 April 1983. MEDEVAC File, Notebook AVN BR vs 67J, Office of Medical History, Falls Church, VA.
23. MEMORANDUM FOR Deputy Chief of Staff for Personnel, SUBJECT: Inclusion of Medical Service Corps (67J) Aviators in the Aviation Branch, 7 April 1983, MEDEVAC File, Notebook AVN BR vs 67J, Office of Medical History, Falls Church, VA.
24. Scofield interview.
25. MEMORANDUM FOR Deputy Chief of Staff for Operations and Plans, SUBJECT: TRADOC Proposal to Centralize Aviation Proponency and Form an Aviation Branch, 8 April 1983, MEDEVAC File, Notebook AVN BR vs 67J, Office of Medical History, Falls Church, VA.
26. MEMORANDUM FOR the Chief of Staff, Army, SUBJECT: Aviation Branch Composition – Action Memorandum, 13 Apr 1983, MEDEVAC File, Notebook AVN BR vs 67J, Office of Medical History, Falls Church, VA.
29. Ginn, 398.
30. Lockard interview.
31. Scofield interview.
32. Thresher interview; Greenwood, 159.
33. Truscott interview.
37. Ibid.
38. MacDonald interview.
39. McAndrews, Kevin, “Helicopter crew seeks gubernatorial rider,” The Prairie Rider, June 1986, 1; Historical data for the 24th Med Co (AA), supplied by Col. Tom Schuurmans, Nebraska ARNG, MEDEVAC Unit files, Office of Medical History, Falls Church, VA.
40. Lockard interview.
41. Ibid.
42. Ibid.
43. Gower interview.
44. Ibid.
45. Ibid.
46. Heintz interview.
48. Ibid.
49. Ibid.
51. “Over Two Decades of Service: An Update on MAST,” no author, 1987, Box HCO-FD (AVN), MAST Files, Office of Medical History, Falls Church, VA.
52. Nomination Package for Mr. Craig Honaman to the DUSTOFF Association Hall of Fame, 16 April 2007, Box HCO-FD (AVN), Office of Medical History, Falls Church, VA.
53. Hapner interview.
54. Ginn, 423; American Military History Volume II, 396.
55. Hapner interview.
58. Hapner interview
60. Dustoff Follies Notebook, unpublished, in six volumes and still being used, Hohenfels Dustoff Alert Facility, Germany.
64. Ginn, 399.
67. Greenwood, 156; FC 8-45, October 1986, front page.
68. FC 8-45, October 1986, 1–5.
69. FC 8-45, 2–6.
70. FC 8-45, 4–10.
71. FC 8-45, 5–2.
72. FC 8-45, 5–5.
74. “Joint Services Operational Requirement for the Advanced Vertical Lift Aircraft (JSX JSOR),” April 1985, MEDEVAC Files, Box HCO-FD (AVN), MEDEVAC Files, Office of Medical History, Falls Church, VA.
75. MFR, V-22 Joint Working Group Meeting, 4 March 1976, MEDEVAC Files, Box
HCO-FD (AVN), Office of Medical History, Falls Church, VA.


77. Novier interview; Heintz interview.


83. Heintz interview.

84. Thresher interview.

85. Smart interview.

86. Ibid.

87. MacDonald interview.

88. Smart interview, Thresher interview.

89. Thresher interview.

90. Ibid.

91. Ibid.

92. Smart interview, MacDonald interview.

93. Thresher interview.


96. Ginn, 425.


99. Carnazza interview.

100. 214th Medical Detachment (RG) Presentation to AMEC 27 Feb, 90, NARA RG 334, File 870-5b-6/40aaa, Carnazza interview.

101. Carnazza interview.

102. 214th Medical Detachment (RG) Presentation to AMEC 27 February 90, NARA RG 334, File 870-5b-6/40aaa.

103. Carnazza interview.


105. 214th Medical Detachment (RG) Presentation to AMEC 27 February 1990, NARA RG 334, File 870-5b-6/40aaa.

106. 214th Medical Detachment (RG) Presentation to AMEC 27 February, 90, NARA RG 334, File 870-5b-6/40aaa; Memorandum, Subject: Operation JUST CAUSE Lessons Learned Report, Academy of Health Sciences, Fort Sam Houston, TX, 1 June 1990.

107. Carnazza interview.


111. MEDICAL SYSTEM PROGRESS REVIEW, Army Medical Department, January 31, 1989, Academy of Health Sciences, Fort Sam Houston, TX; White Paper, Health Services Support futures, Final Draft, Academy of Health Sciences, Fort Sam Houston, TX, March 1989.


113. Ibid., 20.


Chapter Five

1. Ginn, 428.


3. Ibid., 413.


5. American Military History Volume II, 413.

6. Ibid., 414.


9. Ginn, 428; Foust interview.


16. Email to author from Sgt. Maj. (ret) Jeff Mankoff to author, 1 April 2008.


18. Smart interview.

19. The Dustoff Report, 13, Hough, 58, 90, 125.

22. Hough, 131; Carnazza interview.
27. Hough, 205–224.
28. AAR: 44th Medical Brigade Operations DESERT SHIELD and DESERT STORM, Office of Medical History, Falls Church, VA, DESERT STORM Collection, Box 29; *United States Army Reserve in Operation DESERT STORM*, 89–95; Hough, 6, 215, 220.
32. Novier interview.
33. Carnazza interview.
34. Ibid.
35. Hough, 131, Carnazza interview.
37. Carnazza interview.
39. Carnazza interview.
40. Ibid.
41. Ibid.
43. Hough, 220.
47. Ibid.
48. Ibid.
49. Ibid.
50. Ibid.
51. Ibid.
52. Ibid.
53. Ibid.
55. Schwallie, *DESERT Dustoff*.
56. Hough, 228.
57. Hough, 90.
58. Hough, 125; Fristoe interview.
61. Griffin, Lonestar DUSTOFF in DESERT SHIELD/STORM.
62. Ibid.
63. Ibid.
65. Hough, 135.
66. Griffin, Lonestar DUSTOFF in DESERT SHIELD/STORM.
67. The Dustoff Report, 34; Hough, 207.
69. The Dustoff Report, 37; Hough, 211.
70. The Dustoff Report, 51; Hough, 259.
71. The Dustoff Report, Hough, 240.
72. The Dustoff Report, 58; Hough, 269.
73. Hough, 93.
75. Hough, 257.
76. The Dustoff Report, 38; Hough, 214.
77. AAR, 108 Med Bn Command Report for Operation DESERT STORM, Office of Medical History, Falls Church, VA, DESERT STORM Collection, Box 30.
78. The Dustoff Report, 38; Hough, 212.
80. Hough, 317; Webb interview.
81. Hough, 223.
82. Smart interview.
83. The Dustoff Report, 4; Hough, 16, 84; Email from Sgt. Maj. (ret) Jeff Mankoff to author, 1 April 2008.
84. The Dustoff Report, 25.
85. MacDonald interview.
86. Heintz interview; MacDonald interview.
87. Smart interview.
88. The Dustoff Report, various unit sections.
Chapter Six

2. MEMORANDUM FOR Director for Operational Plans and Interoperability, J7 Joint Staff, Washington, DC, 20318, 29 Jan 1992, SUBJECT: USCINCEUR After Action Report on Operation PROVIDE COMFORT, AMEDD C&S MCCS-FD Historical Files, Fort Sam Houston, TX.
3. Lockard interview; Note, at the time, her married name was Pauline Knapp.
5. Foust interview.
6. Ibid.
8. Ibid., 14, 45.
10. Ibid., 49.
13. JOINT TASK FORCE ANDREW AFTER ACTION REPORT, Enclosure 7 (AVIATION) to Tab J (J3), Army Aviation Museum Archives, Fort Rucker, AL, 071830ROCT92, File 87020A, 3.
15. MEMORANDUM FOR JTF Andrew Aviation, October 12, 1992, Army Aviation Museum Archives, Fort Rucker, AL, File 870.20A, JOINT TASK FORCE ANDREW AVIATION AFTER ACTION REPORT (TAB R) 090730ROCT92, U.S. Army Aviation Museum, Fort Rucker, AL, File 870.20A.
19. Ibid., 2-9.
21. Ibid., 3-1, 3-2.
22. Ibid., 3-8, 3-11.
23. Ibid., 3-11.
24. Ibid., 4-11.
26. Ibid.
27. Ibid.
30. The U.S. Army in Bosnia and Herzegovina, AE Pamphlet 525-100, 7 October 2003, 6.
32. Doubler, I am the Guard, 345–346.
34. Schwallie, DESERT Dustoff, 116.
36. MSG dtg 071800Z APR 92, from FORSCOM to numerous addressees, MAST File, Office of Medical History, Falls Church, VA.
39. Hough, 30; Quarterly History of the 326th Medical Bn, 1 October 1991 to 30 September 1992, 31 October 1992; MacDonald interview; Truscott interview.
41. Novier interview.
42. Ibid.
43. Ginn, 490; Foust interview.
44. American Military History Volume II, 429.
46. Smart interview.
47. Ibid.
49. Ibid., 67.
50. Ibid., 76.
52. Ingram, Somalia Medical Operations, 131.
54. Ibid., 2-17, 2-24.
55. Ibid., 4-5.
56. Ibid., 5-1.
57. Ibid., 12-12.
58. Ibid., 13-5.
60. Ibid., 2-29.
61. Ibid., 4-17.
64. Ibid., ix.
65. Ibid., II-1, 5, 6.
67. Ibid., 21.
Chapter Seven
The Balkans, 1992–Ongoing

1. TRADOC Pam 525-50, 1 October 1996, 2.
4. The U.S. Army in Bosnia and Herzegovina, 8.
5. Ibid., 11.
7. The U.S. Army in Bosnia and Herzegovina, 14.
8. Ibid., 25.
9. Lamoureux interview.
10. Ibid.
11. Ibid.
15. Ibid., 3.
16. Ibid., 10.
17. Ibid., 11.
18. Joint Publication 4-02.2, 30 December 1996, i.
21. Hough, 16; Novier interview.
23. Hough, 84.
24. Hough, 93; Bosnia Deployment AAR (SFOR4), Bosnia File, Office of Medical History, Falls Church, VA.
27. Matt Brady interview.
28. Ibid.
29. Ibid.
30. Lockard interview.
32. Dynamic Response Mass Casualty (MASCAL) Exercise AAR, 7 May 2001, Bosnia File, Office of Medical History, Falls Church, VA.
33. Gentry interview.
34. Pouncey, Maj. Michael, 498th Med Co (AA) AAR, 10 April 2002, 498th Med Co, MEDEVAC Files, Office of Medical History, Falls Church, VA; Gentry interview.
35. Task Force 1-25 Aviation SFOR AAR, undated, 25th Infantry Division Museum, Schofield Barracks, HI.
37. Email to author from Capt. Roger Drury, Vermont ARNG, 21 August 2007.
40. Unit History, Capt. Jason Hauk, Commander, USAAAD Honduras.
41. DUSTOFF Association Newsletter, Winter/Fall 2000, 8; Drennon interview.
42. American Military History Volume II, 446.
43. Ibid., 447.
44. Ibid., 446.
45. TTP From Task Force Hawk Deep Operations, Volume I, Box 157, Office of Medical History, Falls Church, VA.
52. TFMF Information Paper, 6 October 2000, Box 197, Office of Medical History, Falls Church, VA.
53. Avila interview.
55. TTP From Task Force Hawk Deep Operations, Volume II, Combat Health Support, Box 157, Office of Medical History, Falls Church, VA; also reflected in “TF Hawk CAAT Initial Impressions Report (IIR) Final AAR, Chapter 11, Topic C: Evacuation, Box 157, Office of Medical History, Falls Church, VA, and CALLCOMS File number 10004-39128.
56. Interview – Lt. Col. Alan Moloff, Commander 212th CMF, TF Hawk, 17 May 1999, Box 157, Office of Medical History, Falls Church, VA.
57. Interview – Lt. Col. James Bruckart, TF Hawk Surgeon, undated, Box 157, Office of Medical History, Falls Church, VA.
58. American Military History Volume II, 451; Smart interview.
59. Fristoe interview.
61. Email from Lt. Col. Jon Fristoe, 5 August 2007; MEDEVAC Kosovo File, Office of Medical History, Falls Church, VA.
62. Email to author from Lt. Col. Jon Fristoe, 5 August 2007; Smart interview; Email to author from Maj. Bill Howard, 22 October 2007.
63. Briefing: Army Medical Department in Support of Peacekeeping Operations in Kosovo, undated, Office of Medical History, Falls Church, VA, Box 190.
64. Briefing: Dustoff Kosovo, 50th Medical Company (AA), undated, MEDEVAC File, Office of Medical History, Falls Church, VA; Phonecon author and CW4 Andrew Feris, 17 September 2007.
66. Email to author from Maj. John Fishburn, 717th Med Co (AA) New Mexico ARNG, to author, 6 Sep 2007
70. Email to author from Mr. Rick Deitz, FORSCOM G3/5/7, 18 October 2007; Email to author from Maj. John Fishburn, 717th Med Co (AA), 5 Sep 2007. All in chapters 5–8.
71. Operation FOCUS RELIEF, 30th Med Brigade AAR, MEDEVAC Lessons Learned File, Office of Medical History, Falls Church, VA.
73. Field Manual 8-10-26, 16 February 1999, vi.
Chapter Eight
To 9/11, 2000–2001

3. MacDonald interview.
4. MacDonald interview; Email to author from Maj. Andrew Risio, 19 February 2009.
5. Ibid.
6. Lamoureux interview.
7. Heintz interview.
10. Air Force Joint Instruction 16-401, Army Regulation 70-50, 1 September 1997, Attachment 3-1; Smart interview; Lamoureux interview.
13. Ibid., II-4-7.
15. Change 1, Field Manual 8-10-26, 30 May 2002, 3-5, B-8.
18. Ibid., 2-1.
19. Ibid., 5-3.
20. Ibid., 6-1 through 10, 7-1 through 5, 8-1 through 8-3.
28. Email to author from Col. (ret) Scott Heintz, 11 October 2007; expansive comments by Col. (ret) Scott Heintz to author by email, 17 December 2008.
30. Email to author from Maj. Michael Charnley, 10 October 2007. At the time, he was the Battalion S2.
32. Email to author from Col. Frank Leith, New Hampshire State Army Aviation Officer, ARNG, 9 October 2007.
33. Matt Brady interview.
34. Avila interview.
35. Mitchell interview.
38. Email to author from Maj. Mike Pouncey, 9 October 2007.
40. Ibid., 23.

**Chapter Nine**

**Again, Into Battle, 2001–2003**

2. Ibid., 33.
4. Ibid., 466.
5. Ibid., 466.
6. Ibid., 469–470.
9. “Crewmember of the Year” Award Citation, *Dustoff Association Newsletter*, Fall-Winter 2002, 3.
11. 50th Medical Company (AA) Detachment AAR for Operation ENDURING FREEDOM, 13 September 2002, Capt. James Stanley, Unit historical file, Office of Medical History, Falls Church, VA.


14. Matt Brady interview.

15. Ibid.


21. Ibid.

22. Fontenot, Col. (ret) Gregory. On Point: The United States Army in Operation IRAQI FREEDOM, 482–494; 3d MEDCOM EAC OIF AAR, undated, OIF MEDEVAC File, Office of Medical History, Falls Church, VA.

23. Fontenot, Col. (ret) Gregory. On Point: The United States Army in Operation IRAQI FREEDOM, 469.

24. Weightman interview.


30. American Military History Volume II, 482.


33. Ibid., 164.


36. Ibid., 485.

37. Ibid., 485.


41. Matt Brady interview.

42. Weightman interview.


Call Sign – Dustoff

45. Jackson interview, Drennon interview.
47. Harp/Robinson interview.
48. Ibid.
49. Maj. William “Casey” Clyde interview, 16 February 2007; Gentry interview.
50. Gentry interview; Salvetti/Ginn interview.
51. Gentry interview.
52. Clyde interview.
53. Gentry interview; Clyde interview.
54. Salvetti/Ginn interview.
55. Gentry interview.
57. Clyde interview; Gentry interview.
58. Salvetti/Ginn interview.
59. Clyde interview.
60. Gentry interview.
61. Email to author from Adrian Salvetti, 8 January 2008.
64. Ibid.
65. Dahlen/Ginn interview.
66. Mallory/Ginn interview.
67. Clyde interview.
68. Clyde interview; Gentry interview.
69. Salvetti/Ginn interview.
70. Phonecon with Maj. Brian Veneziano, commander Charlie Company, 1st Battalion, 126th Aviation Regiment, Maine ARNG, 7 January 2008; 112th Med Co (AA) Unit History provided by 2d Lt. Jasmine Chase, Unit Historian, Maine ARNG.
71. Schwartz/Barger interview; Ortiz/Barger interview.
72. Ibid.
73. Email to author from Capt. Justin Avery, 20 March 2008.
74. Schwartz/Barger interview.
75. S.Sgt. Dan Ledbetter, 82d Med Co crewmember/Barger interview.
76. Personnel Recovery Team/Barger interview.
77. Email to author from Capt. Jason Avery, 20 March 2008.
78. CW2 Scott Van Hoagland, 82d Med Co crewmember/Barger interview.
79. S.Sgt. Dan Ledbetter, 82d Med Co crewmember/Barger interview.
80. Schwartz/Barger interview.
81. Schwartz/Barger interview; Ortiz/Barger interview.
82. Schwartz/Barger interview.
84. Schwartz/Barger interview; Ortiz/Barger interview; email to author from Capt. Jason Avery, 20 March 2008.
85. Ortiz/Barger interview.
86. Schwartz/Barger interview.
87. Jackson interview.
88. Ibid.
89. Ibid.
90. Ibid.
91. Ibid.
92. Ibid.
94. Ibid.
96. Drennon interview.
97. Ibid.
98. Ibid.
99. Ibid.
100. Maj. Scott, 507th Med Co (AA) OIF-AAR, undated, 507th Med Co, MEDEVAC File, Office of Medical History, Falls Church, VA.
101. Ibid.
102. Ibid.
104. Drennon interview.
105. Lamoureux/Barger interview.
106. Ibid.
107. Ibid.
108. Ibid.
109. Ibid.
110. Ibid.
111. Lamoureux interview.
112. LaChance interview.
113. Ibid.
114. Ibid.
115. Ibid.
116. Ibid.
117. Pecor interview.
118. Ibid.
119. 62d Medical Brigade Annual Historical Reports, 1 January 2003–31 December 2003 and 1 January 2004–31 December 2004, Fort Lewis, WA; MEDEVAC/54th Med Co (AA) File, Office of Medical History, Falls Church, VA; OIF unit History supplied by Lt. Col. Martin Kerkenbush, undated, MEDEVAC Unit Files, Office of Medical History, Falls Church, VA.
121. MacDonald interview.
122. MacDonald interview; Decision Briefing, 56th Med Bn CDR, MEDEVAC/OIF File, undated, Office of Medical History, Falls Church, VA.
123. OIF External After Action Review (AAR) 56th Medical Battalion (Evacuation), 30 June 2003, MEDEVAC File, Office of Medical History, Falls Church, VA.


126. CW4 Jim Brennan interview, 1 April 2007.

127. Ibid.


Chapter Ten
Aviation Transformation and Domestic Operations, 2002–2005


2. Lockard interview.


5. Ibid., 32.


7. Sinclair interview.

8. Lockard interview.

9. Smart interview.


11. Fristoe interview.


14. Fristoe interview.

15. Executive Summary Subject: MEDEVAC “3 Deep” Aviation Oversight, 6 October 2003, MEDEVAC Transformation File, Office of Medical History, Falls Church, VA.


17. Lockard interview, Joy interview, Sinclair interview.

18. Lockard interview.


20. Fristoe interview.
21. Ibid., Sinclair interview.
22. Sinclair interview.
23. Fristoe interview.
24. Lockard interview, Fristoe interview, Sinclair interview.
25. Lockard interview.
26. Fristoe interview, Sinclair interview.
27. Lockard interview; Lamoureux interview.
30. MEMORANDUM FOR MG JAMES D. THURMAN, DIRECTOR, ARMY AVIATION TASK FORCE, 450 ARMY PENTAGON, WASHINGTON DC 20310, 5 January 2004, MEDEVAC Files, Office of Medical History, Falls Church, VA.
31. MEMORANDUM FOR VCSA, SUBJECT: MEDEVAC Force Structure Decisions, 05 February 2004. Office of Medical History, Falls Church, VA, Box 454D.
32. Ibid.
34. “Statement by: MG James D. Thurman, Director, Army Aviation Task Force, Office of the Deputy Chief of Staff, G-3 United States Army,” before the Tactical Air and Land Forces Subcommittee Committee on the Armed Services United States House of Representatives, on Aviation Industrial Base and Department of Defense Rotorcraft Programs, 4 March 2004. MEDEVAC ATI File, Office of Medical History, Falls Church, VA.
35. Ibid.
37. Email to author from Lt. Col. Bill Goforth, 10 March 2008.
38. Point Paper, DASG-HCF, Subject: SRC 08 MEDEVAC Discussion, 11 July 2004, MEDEVAC Transformation File, Office of Medical History, Falls Church, VA.
39. MEDEVAC Charter, 1 May 2004, procured from the MEPD Director, Col. Dave MacDonald, Fort Rucker, AL, MEDEVAC ATI File, Office of Medical History, Falls Church, VA.
41. MEMORANDUM FOR ARMY G3, SUBJECT: Request to Retain Unit Designation for Air Ambulance Company, 28 April 2004, Office of Medical History, Falls Church, VA, Box 454D.
43. Ibid.
44. Ibid.
45. Ibid.
49. Lockard interview; MacDonald interview; Joy interview.
51. Total ARMY (Active and Reserve Component) MEDEVAC Sourcing (05-07), Provided by the MEPD, Fort Rucker, AL, MEDEVAC Transformation File, Office of Medical History, Falls Church, VA.
52. Ibid.
53. Ibid.
54. 2003, Current MTOE, data supplied by Lt. Col. Pete Smart, Utility Helicopters Project Office, Redstone Arsenal, AL.
55. Mitchell interview.
56. Fristoe interview; Mitchell interview.
57. Mitchell interview.
58. Ibid.
59. Ibid.
62. Message from: Army Operations Center, DTG: 222251Z FEB 05, MAST Files, Office of Medical History, Falls Church, VA.
71. Barger, Maj. Lewis, Katrina AMEDD Briefing HCO-MH, 13 December 2005, Katrina File, Office of Medical History, Falls Church, VA, Box 181F, slides 108-110. (Barger Katrina Briefing)
72. Ibid., slides 110–112.
73. MFR Nomination for the Army Aviation Association of America Award for Air/Sea Rescue for 2005, from the 812th Med Co (AA) Louisiana ARNG, 29 October 2005, copy received from 1st. Sgt. Greg Patin, MEDEVAC File, Office of Medical History, Falls Church, VA.
77. Ibid.
79. Barger Katrina Briefing, slide 21.
81. Ibid.
82. Ibid.
83. Email to author from Capt. Boudreau to author, 11 December 2007.
84. Barger Katrina Briefing, slide 22; email from Capt. Boudreau to author, 11 December 2007.
85. Email to author from S.Sgt. Steve Vacula, Det 1, C/104th Aviation Battalion (GSAB), Tennessee ARNG [formerly Det 1, 146th Med Co (AA)], 11 October 2007.
87. Ibid.
91. Barger Katrina Briefing slide 28; Author – phonecon with CW3 Jason Graff, 24th Med Co (AA), 5 October 2007.
96. Email to author from CW2 Robert Hetrick, 148th Med Co, 29 August 2007, Brennan interview.
Chapter Eleven
Warriors of Compassion

2. Neel/Bullard interview, 29.
3. MacDonald interview.
4. Ginn, 322.
5. Thresher interview.
6. Smart interview.
18. Cook, 36.
20. Email to CW2 Gerald McGowen, given to author 2 April 2007.
23. 57th Medical Company (AA) Inactivation Ceremony, 56th Multifunctional Medical Battalion, Fort Bragg, NC, 26 January 2007.
24. Charles Kelly, Jr., Inactivation of the 57th Med Co (AA) Fort Bragg, NC, 26 Jan 2007, remarks recorded by author.
25. Ibid.
Bibliography

Books


__________, 1974.
__________, 1975.


Condon-Rall, Mary E. Disaster on the Green Ramp. Washington, DC: Center of Military History, United States Army, 1996.


______, *Stabilization Force X*. Crystal City, VA: NGB-PA/MTCI Archives, undated.


______, *Stabilization Force 14, One Mission – One Team*. Crystal City, VA: NGB-PA/MTCI Archives, undated.

Articles, Pamphlets, and Studies


“Commander’s CASEVAC System,” number 89-5, Fort Leavenworth, KS: Center for Army Lessons Learned, November 1989.


Sommers, Larry, “A Determined Rescue,” At Ease Magazine, Wisconsin ARNG, undated, received from Lt. Col. Al Koenig, Katrina Historian, First Army Historical Office, Fort Gillem, GA.


**Archival Material**

**Air University Library, Maxwell AFB, Alabama**

United States Army Medical Service Combat Development Group Project NR AMSCD 56-6, Aeromedical Evacuation Final Report, December 1959. M-41566-NC (AMSCD 56-6)

**Office of Medical History, Falls Church, Virginia**

After Action Report: AHUAS TARA II, Box 157E.

After Action Report: 44th Medical Brigade Operations DESERT SHIELD and DESERT STORM, undated, DESERT STORM Collection, Box 29.


Army Aviation Plan 2004 [ATP-04], undated, procured from the MEPD Office, Fort Rucker, AL, Transformation File.

ARNORTH AAR Briefing, 8 December 2006.


Briefing: Army Medical Department in Support of Peacekeeping Operations in Kosovo, undated, AMEDD History Office, Box 190.

Briefing: Dustoff Kosovo, 50th Medical Company (Air Ambulance), undated, Box 452H.


Decision Briefing, 56th Medical Battalion, CDR, MEDEVAC/OIF File, undated.

Drennon, Maj. Scott, 507th Med Co (AA) OIF-AAR, undated, 507th Med Co, MEDEVAC File, Office of Medical History, Falls Church, VA.


“Joint Services Operational Requirement for the Advanced Vertical Lift Aircraft (JSX JSOR),” April 1985, Box HCO-FD (AVN).

Katrina AMEDD Briefing prepared by Maj. Lew Barger, HCO-MH, 12 December 2005, Box 181F. (Barger Katrina Briefing)


MEDEVAC Charter, 1 May 2004, MEDEVAC ATI File.

Medical Support for Operation RESTORE DEMOCRACY, HCO Files, Box 204.

Memorandum for Army G3, Subject: Request to Retain Unit Designation for Air Ambulance Company, 28 April 2004, Box 454D.

Memorandum For Record, Subject: V-22 Joint Working Group Meeting, 4 March 1986, MEDEVAC Files, Box HCO-FD (AVN).

Memorandum for Deputy Chief of Staff for Personnel, Subject: Inclusion of Medical Service Corps (67J) Aviators in the Aviation Branch, 7 April 1983, MEDEVAC File, Notebook AVN BR vs 67J.

Memorandum For Mg James D. Thurman, Director, Army Aviation Task Force, 450 Army Pentagon, Washington, DC 20310, 5 January 2004, MEDEVAC Files.

Memorandum For Record, Subject: General Officer Aviation Branch Composition Meeting, 7 April 1983. MEDEVAC File, Notebook AVN BR vs 67J.

Memorandum for Deputy Chief of Staff for Operations and Plans, Subject: TRADOC Proposal to Centralize Aviation Proponency and Form an Aviation Branch, 8 April 1983, MEDEVAC File, Notebook AVN BR vs 67J.

Memorandum for the Chief of Staff, Army, Subject: Aviation Branch Composition – Action Memorandum, 13 April 1983, MEDEVAC File, Notebook AVN BR vs 67J.

MEPD Current Focus Brief 10 August 2005. MEDEVAC MEPD File.

Message from: Army Operations Center, DTG: 222251Z FEB 05. MAST Files.


Nomination Package for Mr. Craig Honaman to the DUSTOFF Association Hall of Fame, 16 April 2007, Box HCO-FD (AVN).


Call Sign – Dustoff

Pouncey, Maj. Michael, 498th Med Co (AA) AAR, 10 April 2002, 498th Med Co, MEDEVAC Files, Office of Medical History, Falls Church, VA.


Somalia Medical Operations, Ingram, Sandra, Camber Corporation, 9 September 1996, Box 185.


TF Hawk CAAT Initial Impressions Report (IIR) Final AAR, Chapter 11, Topic C: Evacuation, Box 157.

TF Medical Falcon Information Paper, 6 October 2000, Box 197.

Transformation Briefing, MEPD, Fort Rucker, AL, undated, MEDEVAC Transformation File.


U.S. Army Center for Military History, Washington, DC


(U.S. Army Military History Institute, Carlisle Barracks, PA)


(National Archives and Records Administration (NARA))


214th Medical Detachment (RG) Presentation to AMEC 27 February 90, Record Group 334, File 870-5b-6/40aaa.


Ixxviii Call Sign – Dustoff

History, Headquarters 8055th MASH, APO 301, 1 October–31 October 1950. NARA, Record Group 407, Stack 270, Box 23.

History, Aeromedical Units, NARA, Record Group 112 Stack 390, 57th Medical Detachment.

History, Headquarters 15th Medical Battalion, 1st Cavalry Division, 1 January–31 December 1968, 10 January 1969. NARA Record Group 112, Stack 390, Aeronautical Units, 15th Medical Battalion, Box 1.

History of JTF-Bravo, NARA, Record Group 338, file 870-5b-6/36.


*Tropic Lightening* Museum, Schofield Barracks, HI

Task Force 1-25 Aviation SFOR AAR, undated.


**Uniformed Services University of the Health Sciences,**

James A. Zimble Learning Resource Center, Bethesda, MD


**U. S. Army Aviation Museum Archives, Fort Rucker, AL**

“Fact Sheet” Subject: V-22 (Osprey) Program, Purpose: To Inform the CG TRADOC about the rationale of the SECDEF and HQDA in their decision to cancel the V-22 Program. 11 May 1989. From Historian, U.S. Army Aviation Center, Fort Rucker, AL.

JOINT TASK FORCE ANDREW AVIATION AFTER ACTION REPORT (TAB R) 090730ROCT92, File 870.20A.

Enclosure 7 (AVIATION) to Tab J (J3), 071830ROCT92, File 87020A.


MAST: Military Assistance to Safety and Traffic, Book 2 of 2


Item 5. MEMORANDUM SUBJECT: Project MAST, several documents and memoranda.


MEMORANDUM for JTF Andrew Aviation, 12 October 1992, File 870.20A.

MSG from HQDA Washington, DC, dtg 132225Z Apr 79, Subject: Commissioned Officer Aviation Management, Aviation Branch Implementation File.


Army Medical Department Museum Archives, Fort Sam Houston, TX


Army Medical Department Center and School, Fort Sam Houston, TX

MEDICAL SYSTEM PROGRESS REVIEW, Army Medical Department, January 31, 1989, Academy of Health Sciences, Fort Sam Houston, TX.

MEMORANDUM FOR: Director for Operational Plans and Interoperability, J7 Joint Staff, Washington, DC, 29 Jan 1992, SUBJECT: USCINCEUR After Action Report on Operation PROVIDE COMFORT, AMEDD C&S MCCS-FD Historical Files, Fort Sam Houston, TX.

MEMORANDUM, SUBJECT: Operation JUST CAUSE Lessons Learned Report, Academy of Health Sciences, Fort Sam Houston, TX, 1 June 1990.

White Paper, Health Services Support Futures, Final Draft, Academy of Health Sciences, Fort Sam Houston, TX, March 1989.

Historian’s Office, Fort Bragg, NC

Call Sign – Dustoff

XVIII Airborne Corps Annual Historical Review, 2003, History Office.


Historian’s Office, Fort Campbell, KY

Historical Files of the 101st Airborne Division (Airmobile).

Historical Files of the 50th Medical Co (AA).

Historical Files of the 542nd Medical Co (AA).

Historian’s Office, Fort Gillem, GA


Interviews

By author:

Lt. Col. Art Jackson, Fort Sam Houston, TX, 12 February 2007.
Col. Randy Schwallie, Fort Sam Houston, TX, 12 February 2007.
Capt. Thomas Powell, Fort Sam Houston, TX, 13 February 2007.
Lt. Col. Brad Pecor, Fort Sam Houston, TX, 13 February 2007.
Col. (ret) Randy Maschek, Fort Sam Houston, TX, 15 February 2007.
Maj. William “Casey” Clyde, Fort Sam Houston, TX, 16 February 2007.
Sfc. Christopher Downey, Fort Hood, TX, 20 February 2007.
CW3 Leroy Thompson, Fort Hood, TX, 20 February 2007.
M.Sgt. Kevin Gillin, Fort Sam Houston, TX, 21 February 2007.
Col. (ret) Dan Gower, Fort Sam Houston, TX, 21 February 2007.
1st Sgt. Tim Barr, Indiana ARNG, Shelbyville, IN, 9 March 2007.
S.Sgt. Derrick Kuhns, Indiana ARNG, Shelbyville, IN, 9 March 2007.
CW2 Scott Osborne, Indiana ARNG, Shelbyville, IN, 9 March 2007.
Sgt. Terry Hansome, Indiana ARNG, Shelbyville, IN, 9 March 2007.
CW4 Jim Brennan, Georgia ARNG, Atlanta, GA, 1 April 2007.
SPC Aaron Tuten, Fort Campbell, KY, 2 April 2007.
CW3 James Van Meter, Fort Campbell, KY, 2 April 2007.
CW2 Gerald McGowen, Fort Campbell, KY, 2 April 2007.
Sgt. Michael Bishop, Fort Campbell, KY, 2 April 2007.
S.Sgt. Thomas Harris, Fort Campbell, KY, 3 April 2007.
CW2 Michael Espinoza, Wiesbaden Airbase, Germany, 4 June 2007.
CW3 Travis Workman, Wiesbaden Airbase, Germany, 4 June 2007.
Sfc. James Gambill, Landstuhl, Germany, 6 June 2007.
S.Sgt. Rusty Borders, Landstuhl, Germany, 6 June 2007.
CW4 Mike Carson, Landstuhl, Germany, 6 June 2007.
Maj. Andrew Risio, Landstuhl, Germany, 6 June 2007.
1st Sgt. Eric Blaine, Landstuhl, Germany, 6 June 2007.
Maj. Anthony Meador, Ketterbach, Germany, 8 June 2007.
CW2 Jason LaCrosse, Ketterbach, Germany, 8 June 2007.
Sfc. James Carwell, Ketterbach, Germany, 8 June 2007.
Other Interviews


Barger, Maj. Lewis, OIF Oral History File, Office of Medical History, Falls Church, VA. With:

Maj. James Schwartz, 82d Med Co (AA), 19 May 2003. (Schwartz/Barger)
Capt. Enrique Ortiz, 82d Med Co (AA), 19 May 2003. (Ortiz/Barger)
Several crewmembers of the 82d Med Co (AA), 19 May 2003. (crewmember name/ Barger)
Personnel Recovery Team, 19 May 2003 (Personnel Recovery Team/Barger)
Maj. John Lamoureux, 50th Med Co (AA), 1 October 2003. (Lamoureux/Barger)

Ginn, Col. (ret) Richard V., In Their Own Words: The 498th in Iraq 2003, Office of Medical History, Army Medical Command, Falls Church, VA, undated. With:

Maj. Greg Gentry (Gentry/Ginn)
Capt. Jeremy McKenzie (McKenzie/Ginn)
Capt. Adrian Salvetti (Salvetti/Ginn)
Capt. Thomas Mallory (Mallory/Ginn)
CW2 Paul Bryant (Bryant/Ginn)
CW2 Al Hill (Hill/Ginn)
CW2 Jason Wright (Wright/Ginn)
S.Sgt. Gregory Givings (Givings/Ginn)
S.Sgt. Bryant Williams (Williams/Ginn)
Spc. Robert Dahlen (Dahlen/Ginn)
Spc. Michael Tilley (Tilley/Ginn)


Recorded Remarks by Author

Charley Kelly, Jr., Inactivation of the 57th Med Co (AA) Fort Bragg, NC, 26 January 2007.


Public Law

Title 10, U.S.C., Section 2635, Section 814, Public Law 93-155.

Joint Publications

JP 4-02, Doctrine for Health Service Support in Joint Operations, 30 July 2001

U.S. Army Field Circulars, Manuals, Pamphlets, Regulations

Army Regulation 95-1, HQ DA, Washington, DC, 1 September 1997.

FC 8-45, Medical Evacuation in the Combat Zone, October 1986.
FM 1, The Army, June 2005.
FM 8-10, Medical Support Theater of Operations, 10 April 1970.
FM 8-10, Health Service Support in a Theater of Operations, October 1978.
FM 8-10-6, Medical Evacuation in a Theater of Operations, Tactics, Techniques, and Procedures, 14 April 2000.
FM 8-10-26, Employment of the Medical Company (Air Ambulance), 16 February 1999.- Change 1, 30 May 2002.
FM 8-55, Planning for Health Service Support, 9 September 1994.
FM 100-5 Operations, 20 August 1982.
FM 100-5 Operations, 5 May 1986.
FM 100-5 Operations, 14 June 1993.
TRADOC Pamphlet 525-50, 1 October 1996.
TRADOC Pamphlet 525-72, 1 June 1996.

Newsletters

DUSTOFF Association Newsletter, November, 1995. (DAN)
___________________________________________, June 1996.
___________________________________________, Fall 1996.
___________________________________________, Summer 1997.
___________________________________________, Fall 1997.
___________________________________________, Spring 1998.
___________________________________________, Fall 1998.
___________________________________________, Summer 1999.
___________________________________________, Spring/Summer 2000.
___________________________________________, Fall/Winter 2000.
___________________________________________, Fall/Winter 2001.
___________________________________________, Spring/Summer 2002.
___________________________________________, Fall/Winter 2002.
___________________________________________, Spring/Summer 2003.
___________________________________________, Fall/Winter 2004.
___________________________________________, Spring/Summer 2005.
___________________________________________, Fall/Winter 2005.
___________________________________________, Spring/Summer 2006.
___________________________________________, Fall/Winter 2006.
On-line Research


Unpublished Documents

_Dustoff Follies Notebook_, unpublished, in six volumes and still being used, Hohenfels Dustoff Alert Facility, Germany.


Pamphlet _Task Force Eagle Disestablishment Ceremony, 24 November 2004_, courtesy of Charlie Company, 2d Battalion, 238th Aviation Regiment, Indiana ARNG.
lxxxvi Call Sign – Dustoff


Index

A

Abrams, Gen. Creighton
   reorganization of the Army, 225
   tribute to MEDEVAC units, 54
   views on the use of the Reserve Component in the Vietnam War, 67
Abrams, Gen. John, Aviation Restructuring Initiative and, 231
Afghanistan, Operation ENDURING FREEDOM and, 245–252
Agosta, Lt. Col. Rick, career and MEDEVAC role, 194
AH-64 Apache helicopters
   Operation DESERT SHIELD and, 149
   Operation ENDURING FREEDOM and, 247, 251
   Operation IRAQI FREEDOM and, 258, 275
   Task Force Hawk and, 213–214
   upgrades to, 121
AH-1 Cobra helicopters, MAST duties and, 300
Aideed, Mohammed, ambush of United Nations troops and, 183–184
“Air Ambulance Support for the Combat Division” (Moore), 63
Air Florida crash, rescue efforts after, 99
AirLand Battle concept
   description, 79
   doctrinal crystallization of, 117–120, 173, 225
   MEDEVAC support for, 104, 105
   Medical Force 2000 and, 141
   reorganization of the air ambulance MEDEVAC assets and, 117–120, 124
   UH-60 Black Hawk helicopter support for, 85
Al Qaeda, September 11, 2001 terrorist attacks and, 245–252
Albania
   Operation SHINING HOPE and, 215
   operations in, 211–215
Alison, Col. John, Project 9 role, 7–8
AMEDD. See Army Medical Department
Amos, Maj. Gen. James, Operation IRAQI FREEDOM and, 266
AMS. See Army Medical Service
Anderson, Lt. Col. Randall
   MEDEVAC role, 105
   MEDEVAC study, 307
Anderson, 1st Lt. Karen, first female MEDEVAC pilot, 65
Armstrong, Maj. Gen. Harry G., endorsement of helicopters for medical evacuation use, 14
Army After Next concept, description, 197
Army Aviation Task Force Study Report, description and recommendations, 313
Army Center for Lessons Learned, tactical view of medical evacuations, 134–135
Army Medical Department
   Aviation Branch proposal and, 102
   Aviation Restructuring Initiative and, 230–232
   Aviation Transformation Initiative and, 313–314, 317
doctrinal manual update, 51–52
Medical Force 2000 and, 141, 210–211
Medical Reengineering Initiative, 179
   proposed training of medical officers as pilots, 17
   role in developing and maintaining combat power, 173
UH-60Q aircraft procurement for MEDEVAC use and, 233
Army Medical Service
   review and study of aeromedical evacuation, 29–30
   updated TO&Es for MEDEVAC units, 52–53
Army Medical Service Planning Guide, October 1960 (FM 8-55), 31
Army of the Republic of Vietnam
   lack of MEDEVAC capability, 37
   transport helicopters for, 32
ARNG. See U.S. Army National Guard
ARVN. See Army of the Republic of Vietnam
Atkins, Maj. Garry, force realignment and, 179
Atkinson, Dr. Charles, MAST project and, 68–69
Atkinson, Rick, comments on the value of MEDEVAC, 346
Austin, Lt. Gen. Lloyd J., III, inactivation of the 57th Medical Company and, 348
Autogiros, uses in casualty evacuation, 6
Avery, Capt. Justin
   comments on the value of MEDEVAC, 347
   Operation IRAQI FREEDOM and, 275–276, 278
AVI. See Aviation Transformation Initiative
Aviation Restructuring Initiative, MEDEVAC issues, 230–232
Aviation Section
   activation of, 17
   post-Korean War efforts on behalf of the MEDEVAC force, 25
Aviation Transformation Initiative. See also Medical Evacuation Proponency Directorate
   Army Aviation Task Force Study Report, 313
   background, 303–304
decision on, 313–314
   implementation phase, 314–318
   MAST program and, 327–328
personal perspectives on, 324–326
post-decision debate, 318–322
post-transformation MEDEVAC units, planned, xix–xx
process, 305–312
realignment of 25-ship companies and six-ship companies into 15-ship companies
and, 178–179, 309–310
Task Force Aviation and, 305–318
Task Force Modularity and, 305
unit inactivations, 326–327
unit transformation plans, 322–324
Avila, Maj. Michael
  Operation DESERT STORM and, 158
  September 11, 2001 terrorist attacks and, 237–238, 240
  Task Force Falcon and, 216
  Task Force Hawk and, 213, 215

B

Bailey, Maj. Sean, Operation IRAQI FREEDOM and, 265
Bailey, Maj. Tom, career and MEDEVAC role, 194
Balkans conflict. See 1992-ongoing: the Balkans; specific countries
Barnett, CW3, Operation IRAQI FREEDOM and, 270
Barrios de Chamorro, Honduran Pres. Violeta, 133
Beebe, 1st Lt. Hugh, rescue of downed airmen, 26
Bell Helicopter Corporation, design competition for utility and MEDEVAC helicopter
and, 26–27
Bellamy, Lt. Col. Maureen, Hurricane Katrina and, 338
Berlin crisis, background and resolution of, 31–32
bin Laden, Osama, al Qaeda and, 245–246
Bitterman, Maj. Dave, career and MEDEVAC role, 195
Blair, Spc. Chad, rescue of, 203
Blake, 1st Lt. William, Korean War role, 18
Blakely, Col. Frank, September 11, 2001 terrorist attacks and, 241
Blanck, Lt. Gen. Ron, Operation IRAQI FREEDOM and, 292
Bliss, Maj. Gen. Raymond W., Korean War role, 14
Bloomquist, Capt. Paul
dead of, 54
  57th Medical Detachment leadership role, 38
Blunt, Lt. Col. James, proposal for the formation of a provisional Medical Company, 40
Boeing Aircraft, V-22 aircraft design, 120
Boies, Maj. Marc, Operation IRAQI FREEDOM and, 300
Bolint, Maj. Steve, MAST mission, 222–223
Bordelon, S.Sgt. Eugene, Hurricane Katrina and, 332
Borowski, 1st Lt. Anthony, Operation IRAQI FREEDOM and, 261
Bosnia-Herzegovina
  independence of, 200, 201
  operations in, 205–210
two political “entities” for, 201
Boudreau, Capt. Cory
Hurricane Katrina and, 335
Operation IRAQI FREEDOM and, 263
Boyd, 1st Lt. Vicki, death of, 145–146
Brady, Maj. Gen. (ret.) Patrick
  Aviation Transformation Initiative and, 310, 321
  Medal of Honor award, 46, 55
  MEDEVAC unit mission debate and, 344
  mentoring of Thresher, 127–128
  Reserve Component views, 82
  326th Medical Battalion leadership, 63
  Vietnam War role, 44, 56
Brady, Maj. Mathew
  career and MEDEVAC role, 207–208, 251–252
  Operation ANACONDA and, 251–252
  September 11, 2001 terrorist attacks and, 240
Brennan, CW4 Jim
  Hurricane Katrina and, 338
  Operation IRAQI FREEDOM and, 300
Brocato, Maj. Matt, Hurricane Katrina and, 332–333
Brown, 1st Lt. James, World War II medical evacuation role, 9–10
Bruckart, Lt. Col. James, Task Force Falcon and, 217
Buker, Maj. Gen. Robert, Aviation Branch proposal and, 102
Bush, Pres. George H.W.
  call up of Reserve Components to support Operation DESERT SHIELD, Operation
  DESERT STORM, and Operation DESERT SABRE, 140
  Hurricane Andrew disaster relief mission and, 171
  mission objective for Operation DESERT SHIELD, 140
  Operation JUST CAUSE in Panama and, 129
  Operation PROVIDE RELIEF and, 181
  Operation RESTORE HOPE and, 181
Bush, Pres. George W.
  “Bush Doctrine,” 242–243
  Hurricane Katrina and, 332
  Operation ENDURING FREEDOM and, 245
  removal of Saddam Hussein and, 253–254
  September 11, 2001 terrorist attacks and, 237, 242–243
  ultimatum to Saddam Hussein and his sons, 257
  visit to Kosovo, 220
Byrnes, Gen. Kevin, Task Force Modularity and, 305

C

C-47 aircraft
  Korean War role, 12
  World War II role, 7–8
Camp David Peace Accords
  enforcement of the ceasefire, 236–237
  signing of, 99
Carle, 2d Lt. Louis, World War II medical evacuation role, 9–10
Appendix

Carnazza, Capt. Vinny  
Operation DESERT SHIELD role, 145, 151–153  
Operation JUST CAUSE and, 130–132, 133

Carter, Pres. Jimmy  
Camp David Peace Accords and, 99  
Mount St. Helens eruption disaster relief mission and, 89  
seizure of U.S. hostages by Iran and, 114

Casey, Gen. George  
Aviation Transformation Initiative and, 318  
comments on the value of MEDEVAC, 346

Caudill, Sgt. Frank, Operation ENDURING FREEDOM and, 248

Central America. See also specific countries  
Joint Task Force Bravo role, 116, 328  
U.S. support for friendly nations, 93

Central Intelligence Agency, Operation IRAQI FREEDOM and, 257

CFLCC. See Combined Forces Land Component Command

CH-46 aircraft, Operation IRAQI FREEDOM and, 267, 270

CH-47 aircraft  
Aviation Transformation Initiative and, 322  
MEDEVAC role, 263  
upgrades to, 121

CH-53 helicopters, crash in Korea, 127

Chase, 2d Lt. Jasmine, history of the 112th Medical Company, xxi–xxiii

Cheney, Secretary of Defense Dick, military reductions in force and, 176

CHS. See Combat health support system

Clark, Lt. Gen. Robert, Hurricane Rita and, 338

Clinton, Pres. Bill  
Operation RESTORE HOPE and, 184  
Operation UPHOLD DEMOCRACY and, 189, 191

Clyde, Capt. Casey, Operation IRAQI FREEDOM and, 265–273

Cochran, Col. Philip, Project 9 role, 7–8

Aviation Transformation Initiative and, 306, 310, 311, 317  
procurement of HH-60L helicopters for MEDEVAC use and, 233  
Task Force Falcon and, 213

Coffman, CW2 Ezekial, Operation ENDURING FREEDOM and, 248

Collins, Col. In, Air Evac Lifeteam and, 327

Colombia, humanitarian relief mission, 116

Combat health support system, description and role, 204, 223–225

Combat Maneuver Training Center, description and activities, 90–91

Combined Forces Land Component Command, Operation IRAQI FREEDOM and, 254–255, 260. See also specific units and commanders

Communications issues, Operation IRAQI FREEDOM, 263–264, 267, 276–277, 281, 283, 286, 290

Connelly, Maj. Mark, death of, 160

Conway, Lt. Gen. James T., Operation IRAQI FREEDOM and, 255

Cook, Lt. Col. (ret.) John, comments on Vietnam War helicopter use, 35–36

Cowdry, Albert, critique of MEDEVAC in Korea, 22

Cowgill, 1st Lt. Robert, World War II medical evacuation role, 9–10
Crest, Pfc. Claude C., Jr., rescue of, 12
Croatia
elections in, 199
local militia formation, 200
Crook, Lt. Col. Ken
command of the 421st Medical Battalion, 203
MAST missions and, 110–111
Crosby, Maj. Leonard, Aviation Section leadership, 17
Curtis Eagle aircraft, modifications for carrying casualties, 6
Cypert, Spc. Courtney, rescue mission, 203
Czerwinski, Spc. Donarita, MAST missions and, 74

D

Dahlen, Spc. Robert, Operation IRAQI FREEDOM and, 272
D’Araujo, Maj. Gen. John, Jr., reduction in forces and, 176–177
David, 1st Lt. Neal, Operation DESERT STORM and, 158
Dawn, Capt. Sashai, death of, 145–146
DePuy, Gen. William E.
doctrinal changes and, 78–79
MAST project and, 69
Determan, CW2 Doug, Hurricane Katrina and, 337
Deuberry, S.Sgt. Patrick, Hurricane Katrina and, 337
DH-4 aircraft, modifications for carrying casualties, 5
Dire, Col. Dan, command of the 5th Medical Group, 210
Disaster relief missions
Air Florida crash, 99
“Blizzard of the Century” rescue efforts, 179–180
disaster on the Green Ramp, Fort Bragg, 188–189
eruption of Mt. Saint Helens, 86–90
Hurricane Andrew, 171–173
Hurricane Iniki, 173
Hurricane Katrina, 328–338
Hurricane Mitch, 211
Hurricane Rita, 338–339
Doctrinal manuals. See also specific manuals and publications
AirLand Battle concept, 79, 173
changes and additions for 1973-1980, 78–81
changes and additions for 1992-1995, 173–175, 185–188
changes and additions for the Vietnam War period, 51–53
changes and additions for 2001-2003, 233–236
combat health support system and, 204, 223–224
force health protection, 234, 235–236
Doctrine for Health Service Support in Joint Operations, April 1995 (Joint Publication 4-02), 187–188
Doctrine for Health Service Support in Joint Operations, July 2001 (Joint Publication 4-02), 234
DOD. See U.S. Department of Defense
Dominican Republic, civil unrest in, 38
Donaldson, CW2 P.A., death of, 153
DOT. See U.S. Department of Transportation
Dovell, Col. Chauncey E., Eighth Army Chief Surgeon role, 12–14, 343
Drennon, Maj. Scott
  career and MEDEVAC role, 283–284
  command of the 214th Medical Detachment, 211
  Operation DESERT SABRE and, 152
  Operation IRAQI FREEDOM and, 284–288
Driggers, CW2 Huey, MEDEVAC role, 110
Dunnavant, Capt. John, MAST mission and, 82
Dustoff Association, formation of, 92
Dustoff Follies Notebook, 115

E

Eads, CW2 Jerry, Hurricane Katrina, 336
Echelons Above Corps. See also specific units
  Operation DESERT STORM and, 162–164
  units assigned to for Operation DESERT SHIELD, 141, 147–148
Egypt
  Operation BRIGHT STAR and, 112–113, 135
  Sinai Peninsula mission, 99, 236–237
Eichel, Capt. Scott, MAST mission, 222–223
832d Medical Company
  Balkans conflict and, 206
  Hurricane Katrina and, 337
  Hurricane Rita and, 339
  Operation IRAQI FREEDOM and, 299–300
872d Medical Detachment, Operation DESERT STORM and, 163
XVIII Airborne Corps
  Joint Task Force Andrew disaster relief mission, 172
  Operation DESERT SHIELD, Operation DESERT STORM, and Operation DESERT SABRE and, 140, 148–149, 150–158
  Operation JUST CAUSE and, 129
Eighth Army. See also specific units and leaders
  format for MEDEVAC requests, 19–20
  helicopter detachment designation changes, 16
  Korean War role, 12, 19
8th Field Hospital, arrival in Vietnam, 32–33
812th Medical Company
  Balkans conflict and, 206
  Hurricane Katrina and, 331, 332
  Hurricane Rita and, 339
  MAST duties, 289
  Operation DESERT STORM and, 162
  Operation IRAQI FREEDOM and, 299
8055th Mobile Army Surgical Hospital, Korean War role, 12, 13
8056th Mobile Army Surgical Hospital, Korean War role, 12
8076th Mobile Army Surgical Hospital, Korean War role, 15
82d Airborne Division
  Operation DESERT SABRE and, 153
  Operation URGENT FURY and, 114
82d Medical Company
  Operation IRAQI FREEDOM and, 262, 263, 273–279, 297–298, 309
  Operation RESTORE HOPE and, 183–184
82d Medical Detachment
  activation of, 26
  designation of “the originals,” 39
  MAST missions, 73
  Medical Force 2000 realignment, 178
  Operation DESERT SABRE and, 153
  Operation DESERT SHIELD and, 145
  Vietnam War role, 39, 54
86th Evacuation Hospital
  Operation RESTORE HOPE and, 181–184
86th Medical Company, Balkans conflict and, 210
El Salvador
  civil unrest in, 91–92, 93
  terrain, 93
  U.S. government sanctions against, 93
Elder, Capt. Dustin, Operation IRAQI FREEDOM and, 261, 279
Ellenberger, Maj. Richard, career and MEDEVAC role, 143
EMAC. See Emergency Management Assistance Compact
Emergency Management Assistance Compact, Hurricane Katrina and, 330, 333, 337
Employment of the Medical Company (Air Ambulance), February 1999 (FM 8-10-26), 223–224
Employment of the Medical Company (Air Ambulance), May 2002 (FM 8-10-26), 235
Estrada, Sgt. David, rescue mission, 219
Europe. See also specific countries
  challenges of MEDEVAC flying in, 77–78
  concepts of FC 8-45 and, 122
  consolidation of MEDEVAC units, 47–48
  Dustoff Europe activities, 115
  locations of MEDEVAC units in, 1953-2005 (map), 118
  Partnership for Peace program, 193–194
  Warsaw Pact country threat to, 78–79, 91
European Union, Operation ALTHEA and, 210
Evacuation of the Sick and Wounded, December 1983 (FM 8-35), 98
Evacuation of the Sick and Wounded, January 1977 (FM 8-35), 79–80
Exxon Valdez disaster, MEDEVAC role, 135

F

F-16 aircraft, crash at Fort Bragg, 188–189
Far East Air Forces, Korean War role, 12, 13–14
FARPs. See Forward arming and refueling points
Faulk, Capt. Ryan, Hurricane Katrina rescue missions, 332
FCs. See Field Circulars
FEAF. See Far East Air Forces
Federal Republic of Yugoslavia, establishment of, 199
FHP. See Force health protection
Field Circular 8-45: *Medical Evacuation in the Combat Zone, October 1986*, 117–120, 122, 124, 135
Field Manual 3.0: *Operations, June 2001*, 233–234
Field Manual 8-10: *Health Service in a Theater of Operations, October 1978*, 80–81
Field Manual 8-35: *Transportation of the Sick and Wounded, 1970*, 52
Field Manual 100-5: *Operations, July 1976*, 78–79, 90
Field Manual 100-5: *Operations, June 1993*, 185–186
Field Manual 8-10-26: *Employment of the Medical Company (Air Ambulance), February 1999*, 223–224
Field Manual 8-10-26: *Employment of the Medical Company (Air Ambulance), May 2002*, 235

15th Medical Detachment
  Berlin crisis and, 31–32
deployment to Europe, 47–48
Dustoff Europe activities, 115
role in Germany, 76

52d Medical Battalion
deployment to Korea, 194–195
MEPAO and, 105

52d Medical Detachment
movement out of Korea, 26
reactivation of in Germany, 27

53d Medical Detachment
activation of, 16
proposed training of medical officers as pilots, 17

56th Medical Battalion
Balkans conflict and, 206
Operation DESERT SHIELD and, 141, 150–158
Operation IRAQI FREEDOM and, 295, 297–298, 309
Operation UPHOLD DEMOCRACY and, 189

50th Medical Company
Balkans conflict and, 219–220
Operation ANACONDA and, 247
Operation ENDURING FREEDOM and, 247–248
Operation IRAQI FREEDOM and, 256, 263, 274–275, 288–292, 298, 309
redesignation of the 326th Medical Battalion as, 179
reorganization of, 309
54th Medical Company
MAST duties, 300
Operation IRAQI FREEDOM and, 296–297, 299–300, 309
57th Medical Company
Balkans conflict and, 208–209
F-16 aircraft crash at Fort Bragg and, 188–189
inactivation of, 347–351
MacDonald’s leadership of, 192
MAST missions, 192
Operation ENDURING FREEDOM and, 248
Operation IRAQI FREEDOM and, 294–296, 298–299, 309
Operation UPHOLD DEMOCRACY and, 189
50th Medical Detachment, Vietnam War role, 44, 48
54th Medical Detachment
Dominican Republic civil unrest and, 38
MAST missions, 70, 71, 74, 193
Medical Force 2000 realignment, 178
Mount St. Helens eruption disaster relief mission, 86–90
Vietnam War role, 44
56th Medical Detachment
movement to Japan, 25
re-equipment of with UH-1s, 28
William J. Kossler Award for rescue operations in Chile, 28
57th Medical Detachment
activation of, 16
Hurricane Andrew disaster relief mission and, 172
MAST missions, 73, 110–111
Medical Force 2000 realignment, 178–179
mission statement for, 37
Operation BRIGHT STAR and, 112–113, 143
Operation DESERT SABRE and, 153
Operation JUST CAUSE and, 130
Operation URGENT FURY and, 114–115
post-Korean War support role, 27
re-equipment of with UH-1s, 28
rivalry with the 82d, 26
Vietnam War role, 33, 35, 36–37, 39–41, 53–54
William J. Kossler Award for rescue operations in Chile, 28
58th Medical Detachment
activation of, 16
inactivation of, 26
55th Medical Group, Hurricane Andrew disaster relief mission and, 172
Firehawk aircraft, MAST missions and, 193
Index xcvii

Fischer, Lt. Col. Carl, debate over MEDEVAC unit mission and, 36
Fishburn, Capt. John, September 11, 2001 terrorist attacks and, 241
542d Medical Company, formation of, 194
502d Mobile Army Surgical Hospital, Balkans conflict and, 200
5502d U.S. Army Hospital, Balkans conflict and, 210
571st Medical Company, Operation IRAQI FREEDOM and, 262, 292–294, 298–299, 309
571st Medical Detachment
  Medical Force 2000 realignment, 178, 179
  self-deployment to Honduras, 142
  Vietnam War role, 43, 53–54
507th Medical Company
  inactivation ceremony, 326–327
  MAST missions, 70–71, 74, 75, 107–110, 164
  Operation DESERT SHIELD and Operation DESERT STORM and, 145, 159–160
  September 11, 2001 terrorist attacks and, 240
  training for MEDEVAC crews and, 40, 47
507th Medical Detachment, Medical Force 2000 realignment, 178
587th Medical Detachment, transfer of wounded from Vietnam to Japan and, 41
V Corps. See also specific units and leaders
  exercise in Poland, 279
Fix, 1st Lt. Greg, Operation DESERT STORM and, 158
Fixed-wing aircraft. See also specific types and designations
  medical evacuation role, 5, 7–9, 12
Flint, Capt. Glen, crash rescue mission, 76
FM.  See Field Manuals
Force health protection
  application in classic offensive and defensive operations, stability operations, and support operations, 236
  focus on, 235–236
  three pillars, 234
  updates to Joint Publication 4-02, 234
Force Health Protection in a Global Environment, February 2003 (FM 4-02), 235–236
Force XXI
  Army After Next and, 197
  description, 171
  Louisiana Maneuvers and, 171
Forrestal, Secretary of Defense James V., realignment of U.S. military forces and, 10
Forrester, Col. Bill
  Aviation Transformation Initiative and, 320–321
  Operation IRAQI FREEDOM and, 289
Fort Bragg, NC, disaster on the Green Ramp, 188–189
42d Field Hospital, Operation RESTORE HOPE and, 183
49th Armored Division, Balkans conflict and, 208
44th Medical Brigade
  F-16 aircraft crash at Fort Bragg and, 188–189
  Hurricane Andrew disaster relief mission and, 172
  Operation DESERT SHIELD and, 141, 150–158
Operation JUST CAUSE in Panama and, 129–130
Operation UPHOLD DEMOCRACY and, 189
Vietnam War role, 40, 46–47, 55
44th Medical Company, Balkans conflict and, 206
45th Medical Company
   Balkans conflict and, 206, 217–219, 220–221
   Berlin crisis and, 31–32
   formation of, 28
   Operation DESERT SABRE and, 164
   Operation DESERT SHIELD and, 142–143
   Operation DESERT STORM and, 163–164
   Operation RESTORE HOPE and, 183
   self-deployment of to Saudi Arabia, 143–144, 163
   Vietnam War role, 43
47th Medical Detachment, activation of, 25
Forward arming and refueling points
   Operation ANACONDA and, 247
   Operation IRAQI FREEDOM and, 290–291
Forward Support MEDEVAC Teams
   Operation ANACONDA and, 247, 251
   Operation ENDURING FREEDOM and, 248
   Operation IRAQI FREEDOM and, 261, 263, 268–270, 278, 279, 288, 289–290, 294
   Foster, CW2 C.D., Operation IRAQI FREEDOM and, 286
423d Medical Detachment, Operation DESERT SHIELD and, 146
421st Medical Battalion
   Operation IRAQI FREEDOM and, 262, 279, 292, 293
   reorganization of the 421st Medical Company as, 122
421st Medical Company
   Berlin crisis and, 31–32
   Dustoff Europe activities, 115
   reorganization of, 122
   role in Germany, 76, 78
421st Medical Detachment, REFORGER exercises and, 115
431st Medical Detachment
   MAST missions, 74, 91
   Medical Force 2000 realignment, 178
   Operation DESERT SHIELD and Operation DESERT STORM and, 144–145, 157
4th Aviation Regiment, Hurricane Katrina and, 334–335
4th Infantry Division
   Charlie Company of the 2d/4th, formation of under the Aviation Transformation Initiative, 322
   Operation IRAQI FREEDOM and, 293–294, 296–297, 298
436th Medical Company, Vietnam War role, 41–42
498th Medical Company
   Balkans conflict and, 206, 209
   Exxon Valdez disaster and, 135
   Hurricane Katrina and, 334
   Hurricane Rita and, 338
   MAST missions, 73, 110
Medical Force 2000 realignment, 178
Operation DESERT SABRE and, 151–152
Operation DESERT SHIELD and, 145, 151
Operation IRAQI FREEDOM and, 265–273
Operation UPHOLD DEMOCRACY and, 189
Vietnam War role, 40, 53
400th Medical Detachment, Air Florida crash rescue effort, 99
412th Medical Detachment
  MAST missions and, 91
  Operation DESERT SHIELD and, 146
498th Medical Detachment, formation and equipment of, 38
Foust, Brig. Gen. Jerome (Jerry)
  after-action reports and lessons learned from Operation DESERT SHIELD and Opera-
  tion DESERT STORM, 169
  comments on women recruits, 64
  deployment to Europe, 47–48
  MAST missions and, 73–74, 82
  MEDEVAC risk assessment issues and, 344
  mentoring of young officers, 97
  Operation DESERT SHIELD and, 141
  Operation JUST CAUSE in Panama and, 129–130
  post-war career, 53
  training of medics and, 97
  UH-60 helicopter and, 96, 180
  UH-60Q helicopter and, 180
  Vietnam War role, 44, 53, 56
Fowler, 1st Lt. Joseph, Korean War role, 15
France, Operation DESERT SHIELD and, 149–150
Franks, Gen. Tommy
  Operation ENDURING FREEDOM and, 245
  Operation IRAQI FREEDOM and, 254, 257
  Task Force Horse and, 256
Freeman, CW3 Tyron, MAST mission, 222–223
Friedman, Milton, comments on the standing army, 60
Fristoe, Lt. Col. Jon
  Aviation Transformation Initiative and, 307–308, 310–312, 316
  Balkans conflict and, 219
  career and MEDEVAC role, 145, 157
FSMTs. See Forward Support MEDEVAC Teams

G

Gagliano, Col. Donald, Operation IRAQI FREEDOM and, 297
GAO. See General Accounting Office
General Accounting Office, effectiveness study of the medical force deployed to the
  Persian Gulf, 169–171
General Framework Agreement for Peace, signing of, 201
General Support Aviation Battalions
Call Sign – Dustoff

Aviation Transformation Initiative and, 309, 310, 312, 315, 316, 321–322
Operation IRAQI FREEDOM and, 292, 294

Gentry, Lt. Col. Greg
Balkans conflict and, 209
Operation IRAQI FREEDOM and, 265–273
Operation UPHOLD DEMOCRACY and, 189–190

Gerber, Col. Fred, support for MacDonald, 192

Germany

Berlin crisis, 31–32
challenges of MEDEVAC flying in, 76–78
fall of the Berlin Wall, 136
Ramstein Air Base disaster, 122–123
terrorist bombing of V Corps’ officers’ club, 54

Givings, S.Sgt. Greg, Operation IRAQI FREEDOM and, 271–272

Gold Book, 164–165, 340
Golson, Col. Ellis, Aviation Transformation Initiative and, 306
Gomez, S.Sgt. Felix, Balkans conflict and, 218

Gosman, Capt. George H.R., development of aircraft modified to carry casualties, 5

Gower, Capt. Dan

correction of deficiencies in the 507th Medical Company, 107–110
MAST missions and, 74, 107–110

Graybeal, 1st Lt. Daniel, death of, 160
Green, 2d Lt. Harold, World War II medical evacuation role, 9–10
Grenada, Operation URGENT FURY and, 113–115
Griffin, Maj. Greg, Operation DESERT SHIELD and Operation DESERT STORM role, 145, 159–160

H

H-5 helicopters
Korean War role, 12–14
tests of, 10
H-13 helicopters
Korean War role, 13, 17–18, 20
limitations of, 17–18, 25
H-19 helicopters
Korean War role, 20
Vietnam War role, 43
H-21 helicopters, Vietnam War role, 37
H-23 helicopters, Korean War role, 17
Hackworth, CW3 Mike, Operation IRAQI FREEDOM and, 282
Haiti, Operation UPHOLD DEMOCRACY and, 189–191
Hammer, Capt. Louis, Korean War role, 15–16
Hamrick, Brig. Gen. William, advice to Moore, 45
Hapner, Lt. Col. Art
career and MEDEVAC role, 53, 66, 94, 112–113, 122
mentoring of female soldiers, 94
Operation BRIGHT STAR and, 112–113, 143
Operation URGENT FURY and, 114–115
Harmon, 1st Lt. Carter, Project 9 role, 8
Harp, Lt. Col. Bryant
    career and MEDEVAC role, 110, 262
    Operation IRAQI FREEDOM and, 262–264, 281–282, 297, 298–299
Harrington, 1st Lt. Jan, MEDEVAC role, 106
Hartmann, S.Sgt. Eric, Operation IRAQI FREEDOM and, 282–283
Hartnett, Maj. Tim, rescue mission, 203
Hatfield, Sen. Mark, comments on the MAST program, 193
Hauge, Maj. E.T., recommendation for helicopter use, 10
Haverkorn, Sp5 Tom, MAST missions and, 74
Hawaii, Hurricane Iniki and, 173
Health Service in a Theater of Operations, October 1978 (FM-8-10), 80–81
Health Service Support in a Theater of Operations, March 1991 (FM 8-10), 173
Heath, 1st Lt. Charles, rescue of downed airmen, 26
Heine, WO1 Kerry, death of, 160
Heintz, Col. Scott
    Aviation Restructuring Initiative and, 231–232
    Aviation Transformation Initiative and, 310
    career and MEDEVAC role, 84, 110, 122, 142, 164–165, 231–232, 284
    co-author of lessons learned and tactics, techniques, and procedures, 164–165
    command of the 52d Medical Battalion, 194–195
    design of a field competitive training exercise, 195
    Medical Evacuation Proponency Directorate and, 303–304
    mentoring role, 124–125
    Operation DESSERT SHIELD and Operation DESSERT STORM role, 142, 158, 164
    Operation ENDURING FREEDOM and, 251
    September 11, 2001 terrorist attacks and, 238–239
Heithier, 1st Lt. Florian, Hurricane Katrina and, 338
Helicopters. See also specific types and designations
advantages of, 18–19
    Blue Force Trackers for, 263
    comparison of units, 44–45
    design competition for utility and MEDEVAC helicopter, 25–27
devolution of, 5, 6–7
    “Dustoff” radio call sign, 37, 104, 158
    fleet commonality for, 25
    hoists for jungle rescues, 42–43
    Korean War role, 12–23, 25
    light helicopters, 121
    limitations of, 17–18, 25, 344
    medical helicopter detachment formation, mission, and activation, 15
    Neel’s detailed lessons learned for MEDEVAC operations in Korea, 21–22
    red crosses on, 35, 37–38
    Vietnam War role, 33–56
    warrant officer pilots, 39
    World War II use, 6–7, 8–10
Hendrix, Lt. Gen. John W., Task Force Hawk and, 213
HH-60L helicopters
  Hurricane Katrina and, 334–335
  Operation IRAQI FREEDOM and, 284
  redesignation of UH-60Q helicopters as, 233
Hightower, Lt. Col. Charles, Operation IRAQI FREEDOM and, 299
Highway Safety Act, 69
Hildebrandt, Sgt. George, Operation ANA CONDA and, 247
Historical background
  Aviation Transformation Initiative, 303–304
  Balkans conflict, 199–200
  Berlin crisis, 31–32
  Dominican Republic civil unrest, 38
  early efforts, 5–6
  Hussein’s attacks on the Kurds, 167
  Korean War, 12–23
  MEDEVAC unit mission debate, 36, 343–351
  military coup in Panama, 128–129
  Operation DESERT SHIELD and Operation DESERT STORM, 139–140
  Operation ENDURING FREEDOM, 245
  Operation IRAQI FREEDOM, 252–254
  post-World War II, 10
  typical history of an ARNG MEDEVAC unit, xxi–xxiii
  Vietnam War, 32
  World War II, 6–10
Holiday, Lt. Col. Chris, September 11, 2001 terrorist attacks and, 239
Honaman, Craig, MBB Golden Hour Award and Distinguished Flying Cross, 112
Honduras
  Joint Task Force Bravo role, 142, 328
  Operation AHUAS TARA II, 96
Houston, Capt. Brian, Operation IRAQI FREEDOM and, 261
Huey. See UH-1 helicopters
Hurricane Andrew, disaster relief mission, 171–173
Hurricane Iniki, disaster relief mission, 173
Hurricane Katrina
  background, 328–332
  MEDEVAC units and, 334–338, 339–340
  military unit response to, 332–334, 339–340
Hurricane Mitch, disaster relief mission, 211
Hurricane Rita, MEDEVAC response, 338–339
Hyer, WO Jason, Balkans conflict and, 220

I

Iacovetta, Lt. Col. Glen, Aviation Transformation Initiative and, 322
Ideus, Col. Eldon
  FC 8-45 and, 117
  MAST missions, 84
MEPAO and, 105
Operation DESERT SHIELD and, 141
IEDs. See Improvised explosive devices
IFOR. See Implementation Force, Bosnia
Implementation Force, Bosnia, Balkans conflict and, 201–203, 205
Improvised explosive devices, Operation IRAQI FREEDOM and, 259
Ippolito, Maj. Anastasia, career and MEDEVAC role, 195
Iran, seizure of U.S. hostages, 91, 114
Iraq. See Operation DESERT SABRE; Operation DESERT SHIELD; Operation DESERT STORM; Operation IRAQI FREEDOM
Iroquois. See UH-1 helicopters
Italy, Operation IRAQI FREEDOM and, 259

J

Jackson, Lt. Col. Art
career and MEDEVAC role, 279
Operation IRAQI FREEDOM and, 279–283
Jackson, Maj. Morris, career and MEDEVAC role, 96
Jacob, S.Sgt. David, Hurricane Katrina rescue missions and, 332
Jenson, Lt. Col. Garrett, Hurricane Katrina and, 336
Johnson, Pres. Lyndon B., Dominican Republic civil unrest and, 38
Johnson, Tom “Egor,” address at the inactivation ceremony for the 57th Medical Company, 348
Johnston, Maj. John, Balkans conflict role, 210
Joint Publication 4-02: Doctrine for Health Service Support in Joint Operations, April 1995, 187–188
Joint Publication 4-02: Doctrine for Health Service Support in Joint Operations, July 2001, 234
Joint Publication 4-02.2: Joint Tactics, Techniques, and Procedures for Patient Movement in Joint Operations, December 1996, 205
Joint Readiness Training Center, description and activities, 90–91
Joint Tactics, Techniques, and Procedures for Patient Movement in Joint Operations, December 1996 (Joint Publication 4-02.2), 205
Joint Task Force Bravo
role in Honduras, 142, 328
role in Panama, 116
Jones, Gen. James, “social contract” between the military and its troops, 347
Jordan, Operation Nighthawk and, 135
Joseph, 1st Lt. Rebecca, inactivation of the 57th Medical Company and, 348
Joy, Maj. Van
Aviation Transformation Initiative and, 306, 308–309, 322
career of, 304
Medical Evacuation Proponency Directorate and, 303–304
views on the assignment of MEDEVAC units to aviation brigades, 175
JVX aircraft, debate over, 120–121
K

Karzai, Hamid, election as President of Afghanistan, 246
Kazan, Rep. Abraham, support for MAST missions, 72, 75
Keeling, Col. Barry, Hurricane Katrina and, 329–330, 331
Keiser, Maj. Gen. Lawrence, comments on the value of helicopters for MEDEVAC operations, 22
Keith, Lt. Col. Ray, career and MEDEVAC role, 122, 143
Keller, Mayor Franklin, support for MAST missions, 72
Kelly, Charles, Jr., inactivation of the 57th Medical Company and, 349–351
Kelly, Maj. Charles
  Distinguished Service Cross award, 38
  57th Medical Detachment leadership role, 37–38, 56
  final mission and death of, 38
  MEDEVAC unit mission debate and, 344
Kennedy, Pres. John F.
  Berlin crisis and, 31–32
  Vietnam War and, 32
Kerkenbush, Maj. Martin, Operation IRAQI FREEDOM and, 296
Kiley, Maj. Gen. Kevin C.
  Aviation Restructuring Initiative and, 231
  Aviation Transformation Initiative and, 304
  September 11, 2001 terrorist attacks and, 241
  UH-60Q aircraft procurement for MEDEVAC use and, 233
Kirkland, Capt. Richard, Korean War role, 14–15
Kleinfelter, Pfc. Debra, MAST missions and, 74
Klingenhagen, Col. John, MEDEVAC unit mission debate and, 36
Knight, 2d Lt. Mark, Operation IRAQI FREEDOM and, 286
Korea
  MEDEVAC unit crash near the DMZ, 47
  377th Medical Company role, 125–128, 194
Korean War
  advantages of helicopter use, 18–19
  format for MEDEVAC requests, 19–20
  ground transportation difficulties, 12, 13
  harsh conditions and, 12, 13
  helicopter role in MEDEVACs, 12–23
  lessons learned from, 21–22, 25
  limitations of helicopters, 17–18
  MEDEVAC units involved, list, xv
  mission prioritization, 19
  post-war MEDEVAC units, list, xv–xvii
  reorganization of the helicopter detachments, 20
  requests by divisions for their own MEDEVAC helicopters, 19
  training of medical officers as helicopter pilots, 17
Kosovo
  NATO security presence in, 215
  Operation JOINT GUARDIAN and, 215
operations in, 211–213
Kozlowski, Maj. Lou, career and MEDEVAC role, 195
Kruse, Capt. Bill
  mentoring of Lt. Thresher, 61
  MEPAO and, 105
Kurds, Operation PROVIDE COMFORT and, 167–168
Kuwait. See also Operation DESERT SABRE; Operation DESERT SHIELD; Operation DESERT STORM
  Operation IRAQI FREEDOM and, 254, 256
  Saddam Hussein’s invasion of, 139–140

L

L-1 aircraft, World War II role, 7–8
L-5 aircraft
  Korean War role, 12
  World War II role, 8
LaBerge, Under Secretary of the Army Walter B., MAST missions and, 81
LaChance, Lt. Col. Bill
  career and MEDEVAC role, 177–178
  Operation IRAQI FREEDOM and, 292–294
Laird, Secretary of Defense Melvin
  MAST missions and, 69, 70
  “Total Force” concept, 67
Lamoureux, Maj. John
  Aviation Restructuring Initiative and, 231
  Balkans conflict and, 201–203
  Operation IRAQI FREEDOM and, 288–292
  September 11, 2001 terrorist attacks and, 240–241
  UH-60Q aircraft procurement and, 232–233
Lawrence, Lt. Col. G.P., autogiro article, 6
Leach, Maj. Jack, Operation IRAQI FREEDOM and, 288
Ledbetter, S.Sgt. Dan, Operation IRAQI FREEDOM and, 275
Leopold, Pfc. Ray, comments on the value of MEDEVAC, 346
Leukert, Sgt. Eric, Hurricane Katrina and, 337
Lockard, Col. Pauline
  Aviation Transformation Initiative and, 303–322
  Balkans conflict and, 208
  comments on “gender challenges” for women, 106–107
  early career, 85–86
  flight training, 96
  Operation PROVIDE COMFORT role, 168
  Operation RESTORE HOPE and, 181–182
  posting to the 54th Medical Detachment, 103
  retirement of, 322
  September 11, 2001 terrorist attacks and, 239
Lyle, Capt. Clay, Operation IRAQI FREEDOM and, 258
MacArthur, Gen. Douglas, U.S. Far East Command role, 12, 14
MacDonald, Lt. Col. Dave
  Aviation Restructuring Initiative and, 230–231
  Aviation Transformation Initiative and, 318–322
  co-author of lessons learned and tactics, techniques, and procedures, 164–165
  early career, 97
  leadership of the 57th Medical Company, 192
  MEDEVAC risk assessment issues and, 344–345
  MEPAO and, 105–106
  Operation ANACONDA and, 251
  Operation DESERT SHIELD and Operation DESERT STORM role, 142, 158, 164–165
  Operation IRAQI FREEDOM and, 295–296, 298–299
  “Quad Charts” briefing, 340–341
  replacement of Lockard with, 340
  service in the 377th Medical Company in Korea, 126–127
  service with Maj. Van Joy, 175
Macedonia, operations in, 213–215
Mackmull, Maj. Gen. Jack V., career and MEDEVAC role, 95
Maddox, Maj. Gen. William J., Jr., MAST missions and, 72
Madrano, Lt. Col. Joseph, 498th Medical Detachment leadership, 38, 40
Mahaffey, Lt. Gen. Fred K., Aviation Branch proposal and, 101
Maks, 1st Lt. J.D., death of, 153
Mallory, Capt. Tom, Operation IRAQI FREEDOM and, 272
Mankoff, 1st Sgt. Jeff, Operation DESERT SHIELD and, 143
Marsh, Secretary of the Army John O., Jr., Army Aviation Branch and, 100
Maschek, Maj. Randy
  MEDEVAC role, 115
  Operation DESERT SHIELD role, 145
MASH units. See specific Mobile Army Surgical Hospitals
MAST. See Military Assistance to Safety and Traffic
Maxwell, 1st Lt. Stuart, Hurricane Katrina rescue missions, 332
Mayes, Lt. Col. Tom, career and MEDEVAC role, 142
McGowen, CW2 Gerald, thank-you note from a soldier to, 347
McKiernan, Lt. Gen. David
  CFLCC command, 254–255
  comments of the value of MEDEVAC, 346
McLamb, Capt. Sam, MAST test and, 70
McMillon, Sfc. Donald, rescue attempt role, 208–209
McNabb, S.Sgt. Shawn
  death of, 351
  inactivation of the 57th Medical Company and, 348
McNamara, Secretary of Defense Robert, proposal to combine the ARNG and the USAR into one unit, 67
McWilliam, Capt. Bob, career of, 44
Medcalf, Maj. Rex, 45th Medical Company leadership, 31
MEDCOM. See 3d Medical Command
MEDEVAC losses, post-Vietnam era through Operation IRAQI FREEDOM, xxv–xxvi
MEDEVAC unit mission debate
  medical operation versus aviation operation, 36, 343–351
  risk assessment issues, 344–345
MEDEVAC units, list of, xvi–xx
Medical Evacuation (Air/Ground) Proponenty Action Office, objective and role of, 105–106
Medical Evacuation in a Theater of Operations, Tactics, Techniques, and Procedures, April 2000 (FM 8-10-6), 224–225
Medical Evacuation in a Theater of Operations, Tactics, Techniques, and Procedures, October 1991 (FM 8-10-6), 174–175
Medical Evacuation in the Combat Zone, October 1986 (FC 8-45), 117–120, 122, 124, 135
Medical Evacuation Proponenty Directorate. See also Aviation Transformation Initiative
  Lockard’s efforts with, 303–304
  refocusing of, 340–341
Medical Force 2000
  consolidation of MEDEVAC units, 178–179
  description, 141, 170
  realignment of current 25-ship companies and six-ship companies into 15-ship companies, 178–179
  unit realignments, 210–211
Medical Reengineering Initiative, description, 179
Medical Service Corps, recruitment of women for, 64–65
Medical Support Theater of Operations, April 1970 (FM 8-10), 51–52
MEF. See Marine Expeditionary Force
MEPAO. See Medical Evacuation (Air/Ground) Proponenty Action Office
MEPD. See Medical Evacuation Proponenty Directorate
Merryman, Maj. Gen. James H., Aviation Branch proposal and, 100–101
Meyer, Gen. Edward, Aviation Branch proposal and, 100–101
Meyers, Maj. David, comments on female soldiers, 106
MF2K. See Medical Force 2000
Middle East. See specific countries
Military Assistance to Safety and Traffic. See also specific operations
  Aviation Transformation Initiative and, 307, 327–328
  “Blizzard of the Century” rescue efforts, 179–180
  civilian operations, 112
  concept, 68–69
  continued operations, 72
  expansion of the program, 81–84, 111–112
  first mission, 70–72
  Gower’s role, 107–110
  growth of the program, 74–76
  Interagency Group conclusions, 71–72
  legislation and political support, 72–74
  missions during 1999, 222–223
missions during the 1992-1995 period, 191–193
Mitchell’s role, 110–111
purpose of, 327
success of, 309
test phase, 69–72
25th anniversary of the program, 193
Miller, CW3 Clint, Operation IRAQI FREEDOM and, 282–283
Miller, Sgt. Jeremy, Hurricane Katrina rescue missions and, 332
Millward, Maj. Steven, Balkans conflict and, 219–220
Milosevic, Slobodan
    conflict in Kosovo and, 211–213
    ethnic rivalries and, 199
    Military Technical Agreement and, 215
    peace negotiations and, 201
Mitchell, Lt. Col. Bob
    Aviation Transformation Initiative and, 324–326
    MAST missions and, 110–111
    Operation UPHOLD DEMOCRACY and, 190
    September 11, 2001 terrorist attacks and, 240
    standardization of Army flight procedures and, 111
Mittemeyer, Lt. Gen. Bernard
    Aviation Branch proposal and, 101
    MEDEVAC views, 101
    Vietnam War role, 48
Moloff, Lt. Col. Alan
    Task Force Falcon and, 217
    Task Force Hawk and, 213
Montagno, Lt. Col. Gino, Medical Evacuation Proponency Directorate and, 303
Montenegro, formation of the Federal Republic of Yugoslavia, 199
Montoya, Maj. Michael, Balkans conflict and, 220
Moore, CW2 Kevin, inactivation of the 57th Medical Company and, 348
Moore, Lt. Col. Doug
    “Air Ambulance Support for the Combat Division” report, 63
    Aviation Branch proposal and, 102–103
    career and leadership role, 28, 41, 45, 56, 64
    deployment to Vietnam, 39
    MAST missions, 86–90
Moore, Lt. Col. Hal, jungle rescue challenges, 43
Mount St. Helens eruption, disaster relief mission, 86–90
Mruz, Sgt. Laura, MEDEVAC role, 106
MSC. See Medical Service Corps
Mumm, S.Sgt. Judy, rescue mission role, 214
Muse, Kurt, imprisonment and rescue of, 132

N

Nash, Maj. Gen. William L., Balkans conflict and, 201
National Guard. See U.S. Army National Guard
National Training Center
  AirLand Battle training, 134–135
  description and early activities, 90–91
  Partnership for Peace program and, 194
Natural disasters. See Disaster relief missions
Neel, Maj. Gen. (ret.) Spurgeon
  analysis of MEDEVAC in Vietnam, 56
  Aviation Section leadership, 26
  command of the 30th Medical Group, 20
  comments on the value of helicopters for medical evacuation, 10, 20–21
  considerations and doctrine for helicopter ambulance medical detachments, 16–17
  death of, 322
  design competition for utility and MEDEVAC helicopter and, 25–27
  detailed lessons learned for MEDEVAC operations in Korea, 21–22
  establishment of the aviation medicine branch and, 25–26
  MAST project and, 68–69, 83
  MEDEVAC unit mission debate and, 343
  recommendations for MEDEVAC employment and, 54–55
  views on UH-60 Black Hawk helicopters, 85
Nicaragua, civil unrest in, 91–92
Nichols, Lt. Col. Bill, command philosophy, 190
Nigeria, Operation FOCUS RELIEF and, 222
991st Medical Detachment, Operation DESERT SHIELD and, 146
1973-1980
  civil unrest in Central America, 91–92
  crash review mission, 76
  disaster relief for the eruption of Mt. Saint Helens, 86–90
  doctrinal issues, 78–81
  end of the military draft, 60–61
  European operations, 76–78
  garrison duty, 61–63
  Iran’s taking of U.S. hostages, 91, 114
  MEDEVAC units and locations, 65
  Military Assistance to Safety and Traffic, 68–76, 81–84
  new aircraft, 84–85
  new personnel, 84, 85–86
  operations, 61–63
  organizational issues, 65–66
  personnel movements, 66
  reassignment and relocation of units, 66
  recruiting strategies, 60–65
  refocusing on the future, 76–81
  Reserve Component units in the Total Force, 66–68
  societal changes after the Vietnam War, 59–61
  tactical training, 90–91
1981-1990
  Aviation Branch debate, 100–103, 135–136
  doctrinal issues, 97–99, 117–120, 135–136
  domestic disaster relief, 135
Exxon Valdez disaster, 135
increasing role of women, 106–107
MAST missions, 107–112
Medical Evacuation (Air/Ground) Proponency Action Office, 105–106
Operation BRIGHT STAR, 112–113, 135
Operation JUST CAUSE, 128–133
Operation NIGHTHAWK, 135
Operation URGENT FURY, 113–115
organizational issues, 95–97, 100–107, 120–125, 135–136
problems in Central America, 93, 116, 128–133
Ramstein Air Base disaster, 122–125
reactivation of MEDEVAC battalions, 103–104
tactical training, 134–135
V-22 aircraft project, 120–121

1990-1991
combat operations, 149–150
combat units deployed, 140–141
Echelons Above Corps role, 162–164
historical background for operations, 139–140
MEDEVAC operations, 150–158
medical units deployed, 141–145, 165
mission totals, 165
Reserve Component units and, 145–149
return home, 164–165
VII Corps role, 158–162

1992-1995
doctrinal issues, 173–175, 185–188
MAST missions, 191–193
MEDEVAC units in existence, 195–197
military operations other than war, 181–197
operations, 167–173, 181–184, 188–194
organizational issues, 176–181, 194–197
Partnership for Peace program, 193–194
reorganizing and reducing the forces, 176–181

1992-ongoing: the Balkans
doctrinal issues, 204–205, 223–225
“ethnic cleansing” and, 200, 212
historical background, 199–200
MAST missions, 222–223
Operation ALTHEA and, 210
Operation JOINT ENDEAVOR, 201–203
Operation JOINT GUARD, 205–210
Operation JOINT GUARDIAN, 215, 219
operations, 200–203, 205–210, 211–222
signing of the General Framework Agreement for Peace, 201
Task Force Falcon, 216–222
Task Force Hawk, 213–215
Task Force Medical Eagle, 201–203
unit realignments, 210–211
986th Medical Detachment, Operation DESERT STORM and, 162
989th Medical Detachment, Operation DESERT SHIELD and, 146
92d Medical Battalion, Operation DESERT STORM and, 163
Nixon, Pres. Richard M., support for MAST missions, 72–73
Nolan, Maj. Gerry, mentoring of Lt. Heintz, 84
Noll, 1st Lt. John, World War II medical evacuation role, 9–10
Noriega, Gen. Manuel, role in Panama, 128–129
North, Lt. Col. Oliver, criticism of Salvetti’s team, 269–270, 278
North Atlantic Treaty Organization
  Balkan conflicts and, 200–201, 205–210, 211–222
  formal declaration of the end of a Soviet Bloc invasion of western Europe, 176
  military reductions in force and, 176
  Partnership for Peace program, 193–194
  Warsaw Pact country threat to, 78–79, 91
Novier, Col. Frank
  Balkan conflicts and, 206
  career and MEDEVAC role, 95, 96, 110, 121–122, 145, 151, 180–181
  comments on post-Vietnam War changes, 60
  support for UH-60Q helicopters, 180–181
Novosel, Chief Warrant Officer Michael
  Medal of Honor award, 49, 56
  MEDEVAC unit mission debate and, 344
O

OIF. See Operation IRAQI FREEDOM
142d Medical Battalion, Operation JUST CAUSE and, 132
123d Medical Company
  Berlin crisis and, 32
  formation of, 31
1022d Medical Company
  Balkan conflicts and, 209
  Hurricane Katrina and, 336
  Operation DESERT SHIELD and Operation DESERT STORM and, 161
  Operation IRAQI FREEDOM and, 299
1042d Medical Company
  Balkans conflict and, 207–208
  formation of, 193
  Operation ANACONDA and, 251–252
  Operation IRAQI FREEDOM and, 261, 262, 263, 267, 279, 309
1133d Medical Company, Operation DESERT SHIELD and, 146
132d Medical Detachment, crash rescue mission, 76
173d Medical Group, Operation DESERT SHIELD and, 141
1st Air Calvary Division, Vietnam War role, 39
101st Airborne Division
  Gold Book, 164–165, 340
  Operation DESERT SHIELD and, 140, 149–150
  Operation ENDURING FREEDOM and, 247, 248
Operation IRAQI FREEDOM and, 288–292, 296–297
1st Armored Division, Balkans conflict and, 201–203, 205, 206–207
1st Cavalry Division, Balkans conflict and, 207
1st Infantry Division, Balkans conflict and, 205, 206, 216–222
1st Marine Division, Operation IRAQI FREEDOM and, 255, 257
1st Medical Brigade, Operation IRAQI FREEDOM and, 256, 293, 297–298
151st Medical Detachment, Vietnam War role, 53
128th Aviation Brigade, Operation JUST CAUSE in Panama and, 130
159th Aviation Brigade, Operation IRAQI FREEDOM and, 291–292
125th Aviation Company, air traffic control system operation, 48
115th Field Hospital, Balkans conflict and, 206
108th Medical Battalion, Operation DESERT STORM and, 162
110th Medical Battalion, Operation IRAQI FREEDOM and, 262, 263
112th Medical Company
  history of, xxi–xxiii
  Hurricane Rita and, 339
  Operation DESERT SHIELD and Operation DESERT STORM and, 146–147, xxii
  Operation IRAQI FREEDOM and, 262, 273, xxiii
  REFORGER exercise and, xxii
  September 11, 2001 terrorist attacks and, 239–240
  WINGED WARRIOR exercise, xxii
126th Medical Company
  Balkans conflict and, 207
  Operation DESERT SHIELD and, 145–146, 309
146th Medical Company
  Balkans conflict and, 221
  Hurricane Katrina and, 335–336
  Operation DESERT SHIELD and Operation DESERT STORM and, 161–162
  Operation IRAQI FREEDOM and, 299
148th Medical Company
  Hurricane Katrina and, 337–338
  Operation IRAQI FREEDOM and, 300
  September 11, 2001 terrorist attacks and, 238
149th Medical Company
  Balkans conflict and, 210
  Hurricane Katrina and, 336–337
  Hurricane Rita and, 338
159th Medical Company
  Operation DESERT SHIELD and, 146
  Operation FOCUS RELIEF and, 222
  Operation IRAQI FREEDOM and, 261, 262, 263, 264, 277, 279–283, 298, 309
  Operation PROVIDE COMFORT and, 168
  Operation RESTORE HOPE and, 181–184
  Task Force Hawk and, 213
199th Medical Company, Operation DESERT SHIELD and, 146
1085th Medical Company, Balkans conflict and, 209
1159th Medical Company
  Balkans conflict and, 210
Operation DESERT SHIELD and, 146
September 11, 2001 terrorist attacks and, 239
1187th Medical Company, Operation DESERT SHIELD and, 146
1256th Medical Company, Balkans conflict and, 210
1267th Medical Company, Operation DESERT SHIELD and Operation DESERT STORM and, 162
145th Medical Detachment, Operation DESERT SHIELD and, 146
159th Medical Detachment
  Dustoff Europe activities, 115
  formation and equipment, 37
  role in Germany, 76
  Vietnam War role, 44, 53–54
127th Medical Group, Operation DESERT SHIELD and, 141
Operation AHUAS TARA II, description, 96
Operation ALTHEA, Balkans conflict and, 210
Operation ANACONDA, description and units involved, 247, 251–252
Operation BRIGHT STAR, description and MEDEVAC role, 112–113, 135
Operation DESERT SABRE. See also 1990-1991; Operation DESERT SHIELD; Operation DESERT STORM
  combat operations, 149–153
  mission totals, 165
Operation DESERT SHIELD. See also 1990-1991; Operation DESERT SABRE; Operation DESERT STORM
  after-action reports and lessons learned, 168–171
  combat operations, 149–150
  combat units deployed, 140–141
  Echelons Above Corps units involved, 141, 147–148
  failure of diplomatic efforts, 149
  Forward Surgical MEDEVAC Teams and, 142, 158, 164
  Iraqi forces, 141
  locations of MEDEVAC units (map), 150
  MEDEVAC operations, 150–158
  medical units deployed, 141–145, 147–148, 165
  mission objective, 140
  mission totals, 165
  night vision goggle use, 151, 159, 161
  Reserve Component units deployed, 145–149
  types of injuries seen compared with Operation JUST CAUSE, 152
Operation DESERT SPRING, description, 274
Operation DESERT STORM. See also 1990-1991; Operation DESERT SABRE; Operation DESERT SHIELD
  after-action reports and lessons learned, 168–171
  cessation of hostilities, 164–165
  Echelons Above Corps units involved, 162–164
  mission totals, 165
Operation ENDURING FREEDOM
  initial engagements, 246
  MEDEVAC unit activities, 247–252
Operation FOCUS RELIEF, description, 222
Operation IRAQI FREEDOM
- ARNG MEDEVAC units activated for Continental U.S. backfill duty, 299–300
- combat units involved, 254–255
- communications issues, 263–264, 267, 276–277, 281, 283, 286, 290
- conflict description, 257–261
- evacuation battalions, 262–264
- improvised explosive devices and, 259
- local populace attitude toward U.S. troops, 260–261
- locations of MEDEVAC units in operation in (map), 280
- maintenance challenges, 272, 276, 287, 296
- MEDEVAC units involved, 255–257, 261–300
- Mother of all Sandstorms and, 258–259, 270, 287
- Operation NOBLE EAGLE and, 299–300
- postconflict planning, 260–261
- rotation of units, 297–299
- seizure of Baghdad, 260
- seizure of the Baghdad International Airport, 259, 264, 278
- severity of wounds and, 270–271
- Task Force Gabriel and, 261, 263, 275–276
- Task Force Horse and, 254, 256, 262, 292–293, 296
- Task Force Tarawa and, 260, 267
- Task Force Tripoli and, 260, 278
- Operation JOINT ENDEAVOR, Balkans conflict and, 201–203
- Operation JOINT FORGE, combat and medical units deployed, 206–210
- Operation JOINT GUARD
  - combat units deployed, 205–210
  - MEDEVAC units deployed to Bosnia, 206
- Operation JOINT GUARDIAN
  - description, 215
  - Task Force Falcon and, 219
- Operation JUST CAUSE, description, 128–133
- Operation NOBLE EAGLE, description and activities, 299–300
- Operation PROVIDE COMFORT
  - after-action reports, 168
  - historical background, 167
- Operation PROVIDE RELIEF, description, 181
- Operation RESTORE HOPE
  - termination of, 183
  - units involved, 181–183
- Operation SHINING HOPE, humanitarian effort, 215
- Operation SKY-AID, 45–46, 69
- Operation UPHOLD DEMOCRACY
  - forces involved, 189–191
  - handing over of responsibility to a United Nations Mission, 191
  - objective of, 189
- Operation URGENT FURY, description and MEDEVAC role, 113–115

Operational Concept for Combat Health Support, October 1996 (TRADOC Pamphlet 525-50), 204–205
Operations, August 1982 (FM 100-5), 97–98
Appendix

Operations, July 1976 (FM 100-5), 78–79, 90
Operations, June 2001 (FM 3.0), 233–234
Operations, June 1993 (FM 100-5), 185–186
Ortiz, Capt. Ricky, Operation IRAQI FREEDOM and, 274, 275, 278–279
Otis, Gen. Glen K., Aviation Branch proposal and, 100–101

P

Panama
  Joint Task Force Bravo and, 116
  Operation JUST CAUSE, 128–133
  U.S. Army responsibility for health care in, 116
Park, Capt. Benjamin, death of, 47
Parnell, S.Sgt. Robert, Balkans conflict and, 220
Partnership for Peace program, participants and activities, 193–194
Pataki, Gov. George, September 11, 2001 terrorist attacks and, 239
Peake, Lt. Gen. James
  Aviation Restructuring Initiative and, 231
  Aviation Transformation Initiative and, 312, 313–315
  UH-60Q aircraft procurement for MEDEVAC use and, 233
Pecor, Maj. Brad
  career and MEDEVAC role, 142, 294–295
  Operation IRAQI FREEDOM and, 295–296
Persian Gulf War. See Operation DESERT SABRE; Operation DESERT SHIELD; Operation DESERT STORM
Peru, Spc. Jose, Operation ENDURING FREEDOM and, 248
Peterson, CW2 Roderick, Hurricane Katrina and, 335
Philips, CW2 Michael, rescue attempt role, 208–209
Phillips, Spc. K.D., death of, 153
Phillips, Texas Highway Patrolman Ken, MAST mission and, 75–76
Pickle, Rep. J.J., support for MAST missions, 72
Planning for Health Service Support, February 1985 (FM 8-55), 98–99
Planning for Health Service Support, September 1994 (FM 8-55), 186–187
Plock, Sgt. Linda, MEDEVAC role, 106
Porter, Sgt. Maj. Terry, career and MEDEVAC role, 195
Post-World War II period, realignment of U.S. military forces, 10
Potts, Col. Curtis, Operation IRAQI FREEDOM and, 284, 286, 288
Pouncey, Maj. Mike, September 11, 2001 terrorist attacks and, 241
Powell, 2d Lt. Tom, Operation IRAQI FREEDOM and, 282–283
Powell, Gen. Colin
  Reserve Component reductions in force and, 176
  V Corps command, 104
Powell, Secretary of State Colin, Operation IRAQI FREEDOM and, 254
Project 9, description, 7–8
Putzier, Lt. Col. Scott, inactivation of the 57th Medical Company and, 348, 349
Q

Q Birds. See UH-60Q helicopters
Quayle, Vice Pres. Dan, visit to Honduras, 133

R

R-4 helicopters, World War II use, 6–10
R-6 helicopters, World War II use, 9–10
Ramstein Air Base (Germany) disaster, description and MEDEVAC role, 122–123
Reagan, Pres. Ronald, Operation URGENT FURY in Grenada and, 114
Recruiting strategies
“Be all that you can be” recruiting slogan, 60–61
disappointing early results, 63
recruitment of women, 63–65
reduction-in-force for officers, 63
Reed, Maj. Tom, career and MEDEVAC role, 94
Reel, CW2 Derek, rescue mission role, 214
REFORGER exercises, description and participants, 115, xxii
Reimer, Gen. Dennis, Army After Next concept, 197
Reserve Components. See also U.S. Army National Guard; U.S. Army Reserve; specific units and leaders
Hurricane Andrew disaster relief mission and, 171–173
Joint Task Force Hawaii disaster relief mission and, 173
McNamara’s proposal to combine the ARNG and the USAR into one unit, 67
Operation DESERT SHIELD, Operation DESERT STORM, and Operation DESERT SABRE and, 140, 145–149
Pres. Bush’s call up of to support Operation DESERT SHIELD, Operation DESERT STORM, and Operation DESERT SABRE, 140
reductions in force and, 176–178
“Total Force” concept and, 67, 140
Vietnam War and, 66
Reserve Officers’ Training Corps, acceptance of women in, 64
Resor, Secretary of the Army Stanley, MAST project and, 69
Retzlaff, Lt. Col. Don, medical evacuation battalion proposal, 103
Rice, Lt. Col. Jim, Operation IRAQI FREEDOM and, 299
Richardson, CW3 Craig, Operation IRAQI FREEDOM and, 286
Richey, CW3 William, Hurricane Katrina and, 337
Rieske, Maj. Michael, Balkans conflict and, 222
Rigsby, S.Sgt. Richard, rescue attempt role, 208–209
Robson, S.Sgt. Michael, death of, 160
Rocco, Sfc. Louis
Medal of Honor award, 50, 56
MEDEVAC unit mission debate and, 344
Rogers, Gen. Bernard, career management for aviators and, 100
Rohrbeck, WO Michael, Balkans conflict and, 220
Romines, Lt. Col. Bob, mentoring of Capt. LaChance, 177–178
Rosato, S.Sgt. Adrian, death of, 130
Rose, Maj. Bob, mentoring of Lt. Thresher, 61
Rose, Maj. Brady, inactivation of the 57th Medical Company and, 348–349
ROTC. See Reserve Officers’ Training Corps
Rothwell, Maj. J.C., death of, 47
Rumsfeld, Secretary of Defense Donald
  Aviation Transformation Initiative and, 304
  Operation IRAQI FREEDOM and, 255
Russ, 2d Lt. Andrew, comments on the value of MEDEVAC, 3–5
Russell, CW3 Lori, Hurricane Katrina and, 335–336

S

Saddam Hussein
  attack on at Dora Farms, 257, 290
  attacks on the Kurds, 167
  Bush’s ultimatum to, 257
  chemical weapons use, 141
  no-fly zones and, 252–253
  Operation DESERT SHIELD and Operation DESERT STORM and, 139–140
  Pres. Bush’s actions in the removal of, 253–254
  renewed aggression against Kuwait, 252
  suppression of the Shia sect, 252
Sage, Spc. Robert, Balkans conflict and, 220
Saint, Gen. Crosby E., comments on training of the 112th, 146
Salmon, Capt. Ray, advice to Hapner, 53
Salvetti, Capt. Adrian, Operation IRAQI FREEDOM and, 266–267, 268–270, 278
Sandler, Maj. Gen. Roger, reduction in forces and, 176–177
Saudi Arabia
  Operation DESERT SHIELD and, 141–143
  Operation IRAQI FREEDOM and, 254, 256
Schloesser, Col. Jeff, rescue mission role, 214
Schoomaker, Gen. Peter, Aviation Transformation Initiative and, 304, 313, 322–323
Schwallie, Capt. Randy, Operation DESERT SHIELD and, 153–157
Schwartz, Maj. James
  career and MEDEVAC role, 273–279
  Operation DESERT SPRING and, 274
  Operation IRAQI FREEDOM and, 274–279
Schwarzkopf, Maj. Gen. Norman
  Aviation Branch proposal and, 101, 102
  comments on the performance of MEDEVAC units during Operation DESERT SHIELD and Operation DESERT STORM, 165
Scofield, Lt. Col. Tom
  Aviation Branch proposal and, 101
  career, 95
  FC 8-45 and, 117
  mentoring of 2d Lt. Pauline Lockard, 96
  reactivation of medical evacuation battalions and, 103
  UH-60 Black Hawk helicopter debate and, 95
Sears, Lt. Col. Robert
“Air Medical Evacuation System” proposal, 69
MAST missions and, 69, 72
September 11, 2001 terrorist attacks
  Al Qaeda and, 245–252
  MEDEVAC personnel and, 237–241
  Pres. Bush’s comments on, 237
Serbia
  conflict in Kosovo and, 211–213
  formation of the Federal Republic of Yugoslavia, 199
7th Medical Command, Dustoff Europe activities, 115
717th Medical Company, Balkans conflict and, 220, 222
78th Medical Detachment
  MAST missions, 70
  Vietnam War role, 53
75th Ranger Regiment, Operation URGENT FURY and, 114
VII Corps. See also specific units and leaders
  Operation DESERT SHIELD, Operation DESERT STORM, and Operation DESERT SABRE role, 140–141, 148, 149, 158–162
SFOR. See Stabilization force
Shelton, Lt. Gen. Hugh, comments on the first responders to the F-16 aircraft crash at Fort Bragg, 189
Shinseki, Gen. Eric K.
  career and role of, 225–226
  FM 100-5 rewrite and, 233–234
  Operation IRAQI FREEDOM and, 254
  refocusing of the Army and, 229–230
  retirement of, 304
Sikorsky, Igor, helicopter development, 5, 6–7
Simonds, S.Sgt. Linda, death of, 145–146
Sinclair, Brig. Gen. Edward J.
  Aviation Transformation Initiative and, 309, 311
  Task Force Aviation and, 306
641st Medical Battalion, Operation IRAQI FREEDOM and, 299
658th Medical Company, formation of, 40
626th Support Battalion, 326th Medical Battalion reorganization and, 179
6th Light Division (France)
  Operation DESERT SABRE and, 153
  Operation DESERT SHIELD and, 149–150
62d Medical Brigade, Operation IRAQI FREEDOM and, 256, 292, 293, 296
63d Medical Detachment
  conversion to UH-60 helicopters, 121–122
  deployment to Europe, 41, 47–48, 66
  Dustoff Europe activities, 115
  Ramstein Air Base disaster and, 123–124
  replacement of the 274th Medical Detachment, 25
  role in Germany, 76, 94
62d Medical Group
  Operation DESERT SHIELD and, 141
  Operation RESTORE HOPE and, 181–184
61st Medical Battalion, Vietnam War role, 48–49
67th Combat Support Hospital, Balkans conflict and, 216, 220
68th Medical Company
  MAST missions, 222–223
  Medical Force 2000 realignment and, 211
68th Medical Detachment
  Hurricane Iniki disaster relief mission and, 173
  MAST missions, 73, 191
  Medical Force 2000 realignment, 178
  transition to UH-60s, 190
  Vietnam War role, 45, 46
Slaughter, Rep. Louise, comments on the value of MEDEVAC, 347
Slovenia
  elections in, 199
  local militia formation, 200
Smart, Lt. Col. Pete
  Aviation Transformation Initiative and, 306
  career and MEDEVAC role, 86, 125–126, 128, 144, 165, 182, 217–218, 305
  comments on the role of the 377th Medical Company in Korea, 126
  MAST mission coordination, 191
  MEDEVAC risk assessment issues and, 344–345
  Operation RESTORE HOPE and, 182
  Operation UPHOLD DEMOCRACY and, 190
  service with Maj. Van Joy, 175
  Task Force Falcon and, 217–218
Smelser, CW2 Kevin, rescue attempt role, 208–209
Smith, Col. Allen, comments on the value of helicopters for MEDEVAC operations, 22
Smith, Sgt. Floyd, MAST mission and, 81
Smith, Sgt. M.S., death of, 153
Smith, S.Sgt. Otis, mentoring of Lt. Heintz, 84
Snyder, Lt. Col. Merle
  MEDEVAC role, 110, 122
  Vietnam War role, 53
Somalia
  Operation PROVIDE RELIEF, 181
  Operation RESTORE HOPE, 181–184
South Vietnamese Air Force
  lack of MEDEVAC capability, 37
  transport helicopters for, 32
Soviet Union
  collapse of, 199, 225
  Partnership for Peace program and, 193–194
  threats against NATO and, 78–79, 91, 117
Spencer, Maj. Lloyd
  “Dustoff” radio call sign and, 37
  57th Medical Detachment leadership role, 36, 37
Stabilization force, Balkans conflict and, 205–210
Stanley, Capt. James, Operation ENDURING FREEDOM and, 247, 248, 250–251
Stewart, Sgt. Don, rescue mission role, 214
Stilwell, Brig. Gen. Joseph
   MEDEVAC unit mission debate and, 36
   response to Maj. Kelly’s death, 38
Stoller, Sp4c. Edwin, death of, 47
Stone, Capt. Michael, Operation ENDURING FREEDOM and, 248
Strader, Capt. Kim, death of, 123
Stratemeyer, Lt. Gen. George E., endorsement of helicopters for medical evacuation use, 13–14
Strawn, 1st Lt. Willis, Korean War role, 15
Sullivan, Gen. Gordon
   analysis of the data on the effectiveness of the medical force deployed to the Persian Gulf, 171
   reduction in forces and, 176–177
Sullivan, Maj. Mark, Operation IRAQI FREEDOM and, 273
Sylvester, Lt. Col. Ernie, mentoring of Lt. Heintz, 84

Task Force Aviation, Aviation Transformation Initiative and, 305–318
Task Force Eagle
   Balkans conflict and, 201–203, 205–210
Task Force Falcon
   MEDEVAC lessons learned, 217
   MEDEVAC units deployed, 217–222
   Task Force Medical Falcon and, 216
   weather challenges, 219
Task Force Gabriel, description and activities, 261, 263, 275–276
Task Force Hawk
   conflict in Kosovo and, 213–215
   night vision goggles and, 214
   Task Force 12 MEDEVAC role, 213–215
Task Force Horse, description and units involved, 254, 256, 262, 292–293, 296
Task Force Medical Eagle
   Balkans conflict and, 201–203, 206–210
   formation of, 201
Task Force Modularity, Aviation Transformation Initiative and, 305
Task Force Tarawa, description and activities, 260, 267
Task Force Tripoli, description and activities, 260, 278
Teeple, Col. David, Operation IRAQI FREEDOM and, 294, 298
Temperilli, Maj. John, Jr.
   57th Medical Detachment leadership, 33, 35, 36
   421st Medical Company leadership, 41
   MEDEVAC unit mission debate and, 36
   William J. Kossler Award for rescue operations in Chile, 28
Tender, Maj. Isaac, comments on the value of helicopters in medical evacuations, 13
10th Mountain Division
   Balkans conflict and, 207–208
   Hurricane Andrew disaster relief mission and, 172
Operation ANACONDA and, 247
Operation ENDURING FREEDOM and, 246
Operation RESTORE HOPE and, 181–184
Operation UPHOLD DEMOCRACY and, 189–190

Terrell, Sgt. Maj. Ricky, career and MEDEVAC role, 195

TFME. See Task Force Medical Eagle

32d Medical Detachment, Vietnam War role, 53
34th Infantry Division, Balkans conflict and, 210
35th Infantry Division, Balkans conflict and, 210
38th Infantry Division, Balkans conflict and, 210

34th Medical Battalion
  Operation DESERT SABRE and, 151–152
  Operation DESERT SHIELD and, 150–158

36th Medical Battalion, Operation IRAQI FREEDOM and, 262–263, 264, 274, 290, 297–298, 309

30th Medical Brigade
  Balkans conflict and, 201, 216, 219
  Operation IRAQI FREEDOM and, 256, 263, 278, 293, 297

36th Medical Detachment
  Medical Force 2000 realignment and, 211
  Operation BRIGHT STAR role, 135
  Operation DESERT SABRE and, 153
  Operation NIGHTHAWK role, 135
  UH-60 helicopters for, 135

37th Medical Detachment
  inactivation of, 27
  movement out of Korea, 26

30th Medical Group, Operation DESERT SHIELD and, 141
Thompson, 1st Sgt. Charles, Operation IRAQI FREEDOM and, 290

3d Air Rescue Squadron, Korean War role, 12–15
3d Infantry Division. See also specific units and leaders
  Balkans conflict and, 208–209
  Operation IRAQI FREEDOM and, 257, 258, 259–260, 276, 278

332d Medical Brigade
  Balkans conflict and, 222
  Operation DESERT SHIELD and Operation DESERT STORM and, 158

3d Medical Command
  Operation DESERT SHIELD and Operation DESERT STORM and, 141, 162
  Operation IRAQI FREEDOM and, 255–256, 263

343d Medical Detachment, Operation DESERT STORM and, 162
321st Medical Detachment, Operation DESERT SHIELD and Operation DESERT STORM and, 161

341st Medical Group, Operation DESERT SHIELD and, 141
301st Rescue Squadron, Hurricane Andrew disaster relief mission and, 171

307th Medical Battalion, Operation URGENT FURY and, 114

326th Medical Battalion
  Eagle Dustoff nickname, 95
  MAST missions, 74–75, 82, 97
  medical training for crew chiefs, 97
Operation AHUAS TARA II, 96
Operation DESERT SHIELD and Operation DESERT STORM and, 142, 149, 158, 164
reorganization of, 179–180
UH-60 helicopters for, 95, 96, 148
units comprising, 48
317th Medical Company
Berlin crisis and, 32
formation of, 27
recruitment of soldiers and equipment for, 46
377th Medical Company
aviation maintenance role, 125–128
crash in Korea, 47
split of assets and personnel, 194
316th Medical Detachment, Operation DESERT SHIELD and Operation DESERT STORM and, 161
347th Medical Detachment
Hurricane Andrew disaster relief mission and, 171–172
Operation DESERT SHIELD and, 153–157
348th Medical Detachment
Hurricane Andrew disaster relief mission and, 172
Operation DESERT STORM and, 163
364th Medical Detachment, Operation DESERT SHIELD and, 146
374th Medical Detachment, Operation DESERT SABRE and, 153
334th Medical Group, Balkans conflict and, 206
Third Army. See also specific units and leaders
Operation IRAQI FREEDOM and, 254–255
Thresher, Col. Bill
command of the 377th Medical Company, 125–128
eyearly training and career, 61
FC 8-45 and, 117
first operational mission, 61–62
MAST missions, 83–84
MEDEVAC risk assessment issues and, 344
medical evacuation battalion proposal and, 103–104
Medical Evacuation Proponency Directorate and, 303–304
service with Maj. Van Joy, 175
Thurman, Brig. Gen.(P) James D.
Aviation Transformation Initiative and, 308–309, 311, 315–316
Task Force Aviation and, 306
Thurman, Gen. Maxwell
MEDEVAC battalion proposal and, 104
Operation JUST CAUSE in Panama and, 129
Tito, Marshal Josip Broz, leadership and death of, 199
“Total Force” concept
description, 67
Operation DESERT SHIELD, Operation DESERT STORM, and Operation DESERT SABRE and, 140
Touchton, Sgt. Josh, inactivation of the 57th Medical Company and, 348
Tower, Sen. John, support for MAST missions, 72
TRADOC Pamphlet 525-50: Operational Concept for Combat Health Support, October 1996, 204–205
Transportation of the Sick and Wounded (FM 8-35), 52
Truby, Col. Albert E., airplane ambulance study, 6
Truscott, Maj. Jim
career and MEDEVAC role, 39, 41, 44, 50–51, 56, 66, 77–78, 82–83, 179
“Dustoff” radio sign and, 104
force realignment and, 179
mentoring efforts, 104–105
Operation DESERT SHIELD, Operation DESERT STORM, and Operation DESERT SABRE role, 140
retirement of, 179
Turkey
Operation IRAQI FREEDOM and, 259
Operation PROVIDE COMFORT and, 167
Task Force Horse and, 256, 292
21st Medical Platoon, formation of, 27
24th Infantry Division. See also specific units and leaders
Operation DESERT SABRE and, 151–152
Operation DESERT SHIELD and, 140, 150
25th Infantry Division. See also specific units and leaders
Balkans conflict and, 209
Operation UPHOLD DEMOCRACY and, 190–191
28th Infantry Division, Balkans conflict and, 209–210
29th Infantry Division, Balkans conflict and, 209
24th Medical Company
all-female MEDEVAC crew, 106
Balkans conflict and, 207, 221
Berliner crisis and, 32
formation of, 31
Hurricane Katrina and, 337
MAST missions, 70, 81
Operation DESERT SHIELD and, 157
UH-1 helicopters for, 45
2000-2001
Army Medical Department restructuring, 230–232
Aviation Restructuring Initiative, 230–232
doctrinal issues, 233–236
MEDEVAC aircraft variants (table), 232
new aircraft, 232–233
operations, 236–237, 238–241
refocusing the Army, 229–230
September 11, 2001 events, 237–243
2001-2003
Operation ENDURING FREEDOM, 245–252
Operation IRAQI FREEDOM, 252–301
2002-2005
Aviation Transformation Initiative, 303–327
Maj. Gen. Spurgeon Neel’s death, 322
operations, 327–339
organizational issues, 340–341
results of the military force response to Hurricanes Katrina and Rita, 339–340
202 Medical Group, Operation DESERT SHIELD and, 141
2d Marine Division, Operation URGENT FURY and, 114
273d Medical Detachment
   MAST missions, 73
   Operation DESERT SHIELD, Operation DESERT SABRE, and Operation DESERT STORM and, 160–161
   qualifications of personnel, 160
283d Medical Detachment
   formation of, 37
   Medical Force 2000 realignment, 178, 210–211
   Vietnam War role, 40
210th Aviation Battalion, role in Panama, 116
228th Aviation Regiment
   Joint Task Force Bravo and, 142, 328
   Operation JUST CAUSE in Panama and, 130
244th Aviation Regiment, Hurricane Katrina and, 331, 332, 334
249th General Hospital, Balkans conflict and, 206
236th Medical Company
   Balkans conflict and, 201, 207, 218–219, 220
   composition of, 124
   Operation DESERT SHIELD and Operation DESERT STORM and, 145, 146, 159–160, 162
249th Medical Company
   Hurricane Katrina and, 337
   Operation IRAQI FREEDOM and, 299, 300
   September 11, 2001 terrorist attacks and, 239
212th Medical Detachment, Vietnam War role, 47
214th Medical Detachment
   crash rescue mission, 76
   Medical Force 2000 realignment and, 211
   Operation JUST CAUSE in Panama and, 130–133
   role in Panama, 116
   Task Force 210 humanitarian relief mission, 116
218th Medical Detachment, crash rescue mission, 76
229th Medical Detachment
   MAST missions, 111–112
   Operation DESERT SHIELD and, 144–145, 157
236th Medical Detachment
   Dustoff Europe activities, 115
   role in Germany, 76
   Vietnam War role, 45, 46, 53
237th Medical Detachment
   MAST missions, 73, 75
   Medical Force 2000 realignment, 178
   Vietnam War role, 45, 46, 53–54
247th Medical Detachment
   Medical Force 2000 realignment and, 211
   National Training Center and, 91, 134
   Vietnam War role, 45, 46, 53–54
254th Medical Detachment
   formation of, 37
   Vietnam War role, 40
274th Medical Detachment, activation of, 25
244th Medical Group, Operation DESERT SHIELD and, 141
212th Mobile Army Surgical Hospital
   Balkans conflict and, 200
   Operation IRAQI FREEDOM and, 264, 275, 291
   Task Force Hawk and, 213

U

UH-60 Black Hawk helicopters
   Aviation Restructuring Initiative and, 230, 314, 321–322, 323–324
   debate over usefulness of, 95
   design and specifications, 79
   Hurricane Katrina and, 334, 336–337
   Hurricane Rita and, 339
   Joint Task Force Bravo and, 328
   losses, post-Vietnam era through Operation IRAQI FREEDOM, xxvi
   MEDEVAC fleet conversion to, 85, 95, 121–122, 170
   Operation ENDURING FREEDOM and, 247
   Operation IRAQI FREEDOM and, 261, 265–266, 274, 284, 289, 292–293, 296
   Operation JUST CAUSE and, 132
   Operation PROVIDE COMFORT role, 168
   Operation UPHOLD DEMOCRACY and, 190–191
   rate of accidents per 1,000 flight hours in UH-60A/L aircraft (table), 315
   replacement of UH-1s with, 84–85
   self-deployment of, 112–113
   Task Force Hawk and, 214
   upgrades to, 121
   use in the Sinai, 99, 236–237
   variants (table), 232

UH-1 helicopters
   crash rescue missions, 76
   Hurricane Katrina and, 331, 332, 337–338
   improvements to, 39, 48
   LORAN-C long-range navigation systems for, 145
   losses, post-Vietnam era through Operation IRAQI FREEDOM, xxv–xxvi
   navigational aids for, 48
   Operation DESERT SHIELD role, 145, 170
   Sinai Peninsula mission and, 99
   specifications for, 26–27
   specifications (table), 45
   two pilots for, 35
variations of, 44–45
Vietnam War role, 33, 35–38, 39, 41, 42, 43–44, 55

UH-60Q helicopters
  MEDEVAC usage of, 180–181
  Medical Reengineering Initiative and, 179
  procurement of for MEDEVAC use, 232–233
  redesignation as the HH-60L, 233

Underwood, Maj. Dave, Balkans conflict role, 210

United Kingdom, Operation IRAQI FREEDOM and, 255

United Nations
  Balkan conflicts and, 200–203, 205–210, 215–222
  International Security Assistance Force action in Afghanistan, 246
  Operation RESTORE HOPE and, 181–184
  Operation UPHOLD DEMOCRACY and, 189–191

United Nations Protection Force, Balkan conflicts and, 200–201

UNPROFOR. See United Nations Protection Force

U.S. Air Force. See also specific units and leaders
  agreement with the Army on MEDEVAC responsibilities, 14
  Balkans conflict and, 200
  creation of, 10
  hoists for jungle rescues, 43
  Hurricane Andrew disaster relief mission and, 171
  MAST missions, 70
  Operation PROVIDE COMFORT role, 168

U.S. Army. See also specific units and leaders
  Aviation Branch proposal, 100–103
  Aviation Restructuring Initiative, 229–230
  “Be all that you can be” recruiting slogan, 60–61
  design competition for utility and MEDEVAC helicopter, 25–27
  discipline problems, 59–60, 62, 63
  end of the military draft and, 60–61
  Force XXI, 171, 197
  Joint Task Force Hawaii disaster relief mission and, 173
  MEDEVAC responsibilities, 14
  medical helicopter detachment formation, mission, and activation, 15
  National Training Center, 90–91
  NCO educational system, 62
  quality of life improvements for soldiers, 62–63
  realignment of forces, 10
  recruiting strategies, 60–65
  refocusing of, 229–230
  reorganization and reduction in forces, 176–181
  V-22 aircraft debate, 120–121

U.S. Army Aviation Center, Aviation Transformation Initiative responsibilities, 317–318

U.S. Army National Guard. See also specific units and leaders
  Aviation Transformation Initiative and, 323–324
  Balkans conflict role, 208–210
  Hurricane Rita and, 338–339
Appendix

MAST missions, 81–84
MEDEVAC unit formation, 31, 45–46
MEDEVAC units, list, xvii–xx
Operation ENDURING FREEDOM and, 251
Operation IRAQI FREEDOM and, 299–300, 301
reduction in forces, 176–178
September 11, 2001 terrorist attacks and, 239–240
Task Force 50, 171–173
typical history of an ARNG MEDEVAC unit, xxi–xxiii
units and locations in the mid-1970s, 68
units deployed to support Operation DESERT SHIELD, 145–149

U.S. Army Reserve. See also specific units and leaders
acceptance of women in, 64
Aviation Transformation Initiative and, 324
Balkans conflict role, 208–210
MEDEVAC unit formation, 27, 46
MEDEVAC units, list, xvii
reduction in forces, 176–178
units and locations in the mid-1970s, 67
units deployed to support Operation DESERT SHIELD, 145–149

U.S. Army School of Aviation Medicine, MEDEVAC medic training course, 105

U.S. Congress. See also specific legislation
authorization for the use of U.S. forces against al Qaeda, 245
aviation incentive pay issue and, 100
funding for new Army programs for soldiers, 62–63
legislation authorizing the use of DOD helicopter resources in civilian communities, 73
recruiting bonuses for recruiters, 63
Tactical Air and Land Forces Subcommittee of the Committee on Armed Services of the U.S. House of Representatives, 315–316

U.S. Department of Defense. See also specific leaders
legislation authorizing the use of DOD helicopter resources in civilian communities, 73
MAST project and, 69–70
Medical Force 2000 and, 170, 178–179
review of the GAO report on the effectiveness of the medical force in the Persian Gulf War, 170

U.S. Department of Justice, September 11, 2001 terrorist attacks and, 238

U.S. Department of Transportation
MAST project and, 69–70
Operation SKY-AID, 45–46, 69

U.S. Far East Command, Korean War and, 12, xxxiv n28
U.S. Marine Corps. See Marine Expeditionary Force; 2d Marine Division
U.S. Military Academy, acceptance of women at, 64
U.S. Navy, Operation RESTORE HOPE and, 182–183
U.S. Special Forces, Operation ENDURING FREEDOM and, 246
USAR. See U.S. Army Reserve
V

V-22 aircraft, debate over, 120–121
Van Buskirk, Lt. Col. Kryder, comments on helicopter pilots, 18
Vietnam War. See also 1973-1980
    air traffic control and navigation innovations, 48
    command and control structure, 46–47
    doctrinal manual changes, 51–53
    first MEDEVAC unit sent, 32–35
    format for MEDEVAC requests, 42
    four Corps for, 33
    historical background, 32
    hoists for jungle rescues, 42–43
    landing zone safety issues, 42
    last MEDEVAC deployments, 46–47
    last units out of, 54–55
    Medal of Honor recipients, 46, 49–50, 55–56
    MEDEVAC crew composition, 35–36
    MEDEVAC crew training, 40–41
    National Guard units, 45–46
    Neel’s recommendations for MEDEVAC employment and, 54–55
    new units and redeployments, 53–54
    radio control centralization for helicopters, 42, 55
    red crosses on helicopters and, 35, 37–38
    reorganization of helicopter ambulance units, 48–49
    results of MEDEVAC transportation of casualties, 55–56
    SA-7 heat-seeking missile and, 54
    second combat tours, 45
    societal changes at home and, 59–61
    troop buildup, 35–38, 39–44
    troop drawdown, 48–49, 59
    unit realignments and activations, 35
    weather and terrain challenges, 41, 42–43, 54
VNAF. See South Vietnamese Air Force
Votipka, WO1 Joanne, MEDEVAC role, 106
VS-300 helicopters, World War II use, 6

W

Wall, Capt. Donald, William J. Kossler Award for rescue operations in Chile, 28
Warsaw Pact countries
    Partnership for Peace program and, 193–194
    threat to NATO, 78–79, 91
Waters, Gen. Johnny K., transfer of wounded from Vietnam to Japan and, 41
Webb, Capt. Pete
    command of the 68th Medical Detachment, 191
    Hurricane Andrew disaster relief mission and, 172
    Operation DESERT STORM role, 163
Weightman, Brig. Gen. George, Operation IRAQI FREEDOM and, 255, 261, 266, 279, 284
West, Maj. Johnny, Operation DESERT SHIELD and, 145
Westmoreland, Gen. William
  MEDEVAC equipment needs and, 43
  views on the end of the draft, 60
Wickham, Gen. John, Aviation Branch proposal and, 102
Wiester, Sheriff Bill, Mount St. Helens eruption disaster relief mission and, 89
WINGED WARRIOR exercise, description and participants, xxii
Winkler, Maj. Gen. William, Medical System Program Review and, 103, 104
Women
  active recruitment of, 63–65
  increasing role of, 106–107
  sexual harassment and fraternization guidelines and, 64
Women’s Army Corps, disestablishment of, 64
Wood, Maj. William, comments on challenges of MEDEVAC flying in Europe, 77
Woolever, Capt. Terrance, MAST mission and, 81
World War I, MEDEVAC experiments, 5–6
World War II. See also Post-World War II
  fixed-wing aircraft use in casualty evacuations, 7–9
  helicopter use in casualty evacuations, 6–7, 8–10
Wright, Spc. Nick, rescue of, 160
Wright, Wilbur, comments on the helicopter, 5

Y

Yocum, Sgt. Paul, rescue mission role, 214
Yugoslavia, dissolution of, 199, 200

Z

Zanchi, S.Sgt. Carrol, death of, 47
Zarzabal, Maj. Ed., Hurricane Katrina and, 335
Zimmerman, 1st Lt. Dave, rescue mission role, 214
Zuber, Capt. Charles, MAST mission, 193
Call Sign – Dustoff