

U.S. Army Military History Institute  
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Artillery-Pre 1900

## **CIVIL WAR ARTILLERY**

A Working Bibliography of MHI Sources

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### **GENERAL SOURCES**

Bell, Jack. Civil War Heavy Explosive Ordnance: A Guide to large Artillery Projectiles, Torpedoes, and Mines. Denton, TX: U No TX, 2003. 537 p. UF7335.B45.

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DeMarco, Austin. "The Gun that Made the War." North & South (Jul 2012): pp. 52-54. Per.  
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Downey, Fairfax. Sound of the Guns. NY: McKay, 1955. Chaps 6-8. UF23.D68.

Griffith, Paddy. Battle Tactics of the Civil War. New Haven, CT: Yale, 1987. 239 p. E470.G742.  
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Hubbell, H.W. "The Organization and Use of Artillery During the War of the Rebellion."  
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Katcher, Philip R.N. American Civil War Artillery, 1861-1865. 2 vols. Oxford, England: Osprey, 2001. UF23.K38.

Longacre, Edward G. The Man behind the Guns: A Biography of General Henry Jackson Hunt, Chief of Artillery, Army of the Potomac. NY: Barnes, 1977. 294 p. E467.1.H89.L66.

Lord, Francis A. Civil War Collector's Encyclopedia: Arms, Uniforms, and Equipment of the Union and Confederacy. 2 vols. Harrisburg, PA: Stackpole, 1963 & 1965. ca. 500 p. UC23.1861-65.L6.

Naisawald, L. Van Loan. Grape and Canister: The Story of the Field Artillery of the Army of the Potomac, 1861-65. NY: Oxford, 1960. 593 p. E492.6N3.

Romanek, Greg M. "Roles & Responsibilities Within Civil War Field Artillery Battery." The Artilleryman (Summer 2001): pp. 8-12. Per.  
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Tidball, John C. "The Artillery Service in the War of the Rebellion." Journal of the Military Service Institute of the US (1891): pp. 697-733. Per.

\_\_\_\_\_. "Remarks Upon the Organization, Command, and Employment of Field Artillery During War Based on Experiences of the Civil War, 1861-65." Photocopy of typescript, Montclair, NJ, Aug 1905. 239 p. E492.6.T52.

U.S. Army. Field Arty Sch. History of the Development of Field Artillery Materiel. Ft. Sill, OK: Memo, 1941. pp. 39-55. UF400.H57.

Wilson, Jerre W. "The Evolution of Field Artillery Organization and Employment During the American Civil War." AWC student paper, 1993. 82 p. Arch.

## **SPECIFIC BATTLES**

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Dougherty, Kevin. "The Use of Artillery During MOUT." Army Trainer (Summer 1991): pp. 16-17. Per.  
Uses historical examples of Monterey (1846) & Fredericksburg (1862).

Greer, Allen J. "The Roaring Guns From the Seven Days to Cold Harbor." Field Artillery Journal (Jan/Feb 1936): pp. 5-26. Per.  
Summary of operations.

Henry, Guy V., Sr. Papers.  
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Hunt, Henry J. Account of Gettysburg, written 28 Jul 1863. In Stanley Ford Papers. Arch.

Johnson, Curt, & Anderson, Richard C., Jr. Artillery Hell: The Employment of Artillery at Antietam. College Station, TX: TX A&M, 1995. 147 p. E474.65.J64.

Mrozek, Albert A., Jr. "Battle of Antietam: Creation of Artillery Hell." Field Artillery (Aug 1992): pp. 30-34. Per.

**See also:**

-Bibliographies on Civil War battles where artillery played a pivotal role.

**USA-Organization/Doctrine**

Anderson, Robert. Evolutions of Field Batteries of Artillery. Translated from the French, and Arranged for the Army and Militia of the United States. NY: Van Nostrand, 1860. 179 p. UF400.E9613.

Birkhimer, William E. Historical Sketch of the Organization, Administration, Materiel and Tactics of the Artillery, United States Army. Wash, DC: Chapman, 1884. 406 p. UA30.B57.

French, W.A., Barry, W.F., & Hunt, Henry J. Instruction for Field Artillery. Phila: Lippincott, 1863. UF403.A311.

Gibbon, John. The Artillerist's Manual.... NY: Van Nostrand, 1860. UF153.A77.

Jones, Willard L. "History of the Organization of United States Field Artillery." Draft study, OCMH, n.d. 211 p. RefColl.  
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Robert, Joseph. The Hand-Book of Artillery...with the Manual of Heavy Artillery, Including that of the New Iron Carriage. NY: Van Nostrand, 1863. 250 p. UF153.R64.

\_\_\_\_\_. The Hand-Book of Artillery for the Service of the United States (Army and Militia). NY: Van Nostrand, 1863 & 1865. UF153.R6.R64.

U.S. Ordnance Department. The Ordnance Manual for the Use of the Officers of the United States Army. Phila: Lippincott, 1861. 590 p. UL153.O74.

U.S. War Department. Instruction for Field Artillery, Prepared by a Board of Artillery Officers. Phila: Lippincott, 1863. ca. 400 p. UF403.A311.

\_\_\_\_\_. Instruction for Heavy Artillery...for the Use of the Army of the United States. Wash, DC: GPO, 1863. ca. 300 p. UF153.I56.

**USA-Weapons/Equipment**

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Hazlett, James C. "The Federal Napoleon Gun." Military Collector & Historian (Winter 1965): pp. 103-08. Per.

\_\_\_\_\_, Olmstead, Edwin, & Parks, M. Hume. Field Artillery Weapons of the Civil War. Newark, DE: U DE, 1983. 322 p. UF23.H39.

Kerksis, Sydney C., & Dickey, Thomas S. Field Artillery Projectiles of the Civil War, 1861-65. Atlanta: Phoenix. 1968. 307 p. UF753.K4.

\_\_\_\_\_. Heavy Artillery Projectiles of the Civil War, 1861-65. Kennesaw, GA: Phoenix, 1972. 277 p. UF753.K42.

Lewis, Berkeley R. Notes on Ammunition of the American Civil War, 1861-65. Wash, DC: American Ordnance Association, 1959. 30 p. UF523.L45.

McCaul, Edward B., Jr. The Mechanical Fuze and the Advance of Artillery in the Civil War. Jefferson, NC: McFarland, 2010. 217 p. UF780.M33.

McKee, W. Reid, & Mason, M.E. Civil War Projectiles II: Small Arms & Field Artillery, with Supplement.... Mechanicsville, VA: Rapidan, 1980. 192 p. UL400.5.M34.

Melton, Jack W., Jr., & Pawl, Lawrence E. Introduction to Field Artillery Ordnance, 1861-65. Kennesaw, GA: Kennesaw Mountain, 1999. 280 p. UG523.M45.

\_\_\_\_\_. Melton & Pawl's Guide to Civil War Artillery Projectiles. Kennesaw, GA: Kennesaw Mountain, 1996. 96 p. UF753.M44.

Olmstead, Edwin, Stark, Wayne E., & Tucker, Spencer. The Big Guns; Civil War Siege, Seacoast and Naval Cannon. Alexandria Bay, NY: Museum Restoration Svce, 1997. 360 p. UF23.O46.

Peterson, Harold L. Notes on Ordnance of the American Civil War, 1861-65. Wash, DC: American Ordnance Association, 1959. 18 p. UL23.P4.

\_\_\_\_\_. Round Shot and Rammers. Harrisburg, PA: Stackpole, 1969. 128 p. UF15.P47.  
See Chap IV of this illustrated compendium on muzzle-loading land artillery.

Ripley, Warren. Artillery and Ammunition of the Civil War. NY: Promontory, 1970. 384 p. UF23.R56.

Contains numerous photos, illustrations, and data on gun types.

## **Civil War Artillery**

p.5

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Haythornthwaite, Philip J. Uniforms of the Civil War, 1861-65. NY: Macmillan, 1975. 192 p. UC483.H39.

LaFramboise, Leon W. History of the Artillery, Cavalry, & Infantry Branch of Service Insignia. Steelville, MO: Watson, 1976. 194 p. UC533.L33.

Smithsonian Institution. Uniform Regulations for the Army of the United States 1861. Hartford, CT: Connecticut Printing, 1961. 61 p. UC483.U47.  
Reprint, includes posed 1861-62 photo of uniforms. See pp. 36-46.

Todd, Frederick P. American Military Equipage, 1851-72. 2 vols. Providence, RI: Company of Military Historians, 1974. 510 p. UC483.T64.  
Descriptions & illus of equip, uniforms, standards, insignia, etc.

## **USA-Other Aspects**

Morelock, Jerry D. "Wait for the Wagon!: Combat Service Support for the Civil War Battery." Field Artillery Journal (Mar/Apr 1986): pp. 14-19. Per.

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Bruce, Kathleen. "Economic Factors in the Manufacture of Confederate Ordnance." Army Ordnance Vol. 6, No. 33 (Nov/Dec 1925): pp. 166-73; Vol. 6, No. 34 (Jan/Feb 1926): pp. 259-64. Per.  
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Chew, R. Preston. Report of his battalion and subordinate batteries, 1864. Lewis Leigh Coll, Arch. Book 50, No 106-113.

Confederate States of America. Navy Dept. Ordnance Instructions for the Confederate States Navy...  
London: Saunders, Otley, 1864. 280 p. VF160.7.O72.

\_\_\_\_\_. Ordnance Office. The Ordnance Manual for the Use of Officers of the Confederate States Army.  
Charleston, SC: Evans & Cogswell, 1863. 546 p., 33 plates. UF523.5.A2.

Davis, Robert S., Jr. "Cannon Makers of the Confederacy: The Noble Iron Foundry in Georgia."  
The Artilleryman (Summer 2001): pp. 16-18. Per.

\_\_\_\_\_. Cotton, Fire, and Dreams: The Robert Findlay Iron Works and Heavy Industry in Macon, Georgia, 1839-1912. Macon, GA: Mercer, 1998. 198 p. TX330.R63.D38.

Dew, Charles B. Ironmaker to the Confederacy: Joseph R. Anderson and the Tredegar Iron Works.  
New Haven, CT: Yale, 1966. 345 p. HD9519.T7.D4.

Gorgas, Josiah. "Notes on the Ordnance Department of the Confederate States of America." Typescript  
carbon, 1911. 44 p. UF510.35.G66.

Lathrop, Barnes F. "A Confederate Artilleryman at Shiloh." Civil War History (Dec 1962): pp. 373-85.  
Per.

McIntosh, David G. Letters and memoirs reflecting his service as battery and battalion commander.  
CWMiscColl, Arch.

Ryan, Thomas M. "The Hardships of a Confederate Industry: Catesby Jones and the Selma Naval  
Ordnance Works." MA thesis, U So AL, 1998. 107 p. E596.R93.

U.S. War Dept. Rebel Archives Div. Artillery Organizations of the Confederate States, 1861-1865.  
Wash, DC: n.p., 1889. 186 p. E546.6.A74.

Vandiver, Frank E. Ploughshares Into Swords: Josiah Gorgas and Confederate Ordnance. Austin, TX:  
U TX, 1952. 349 p. E467.1.G68.V3.

Viele, Egbert L. Handbook of Field Fortifications and Artillery; Also Manual for Light and Heavy  
Artillery. Richmond: Randolph, 1861. UG403.V65.

Weller, Cornelia & Jac. "Nathan Bedford Forrest: A Redleg in Disguise." Field Artillery (Apr 1991):  
pp. 18-22. Per.

The noted Confederate cavalrymen learned to use arty well.

Wise, Jennings C. The Long Arm of Lee: The History of the Artillery of the Army of Northern Virginia.  
Richmond, VA: Owens, 1988 (2-vol) reprint of 1959 edition. E546.6.W5.

**NOTE: PERSONAL SIDEARMS**

A search in primary sources uncovered no evidence that gun crews were officially issued rifles or any other infantry weapons. However, drill with the sabre was an integral part of artillery training. See:

French, William H., et al. Instruction for Field Artillery.... Phila: Lippincott, 1860. pp. 84-86.  
UF407.A20.

Also later editions.

Lack of official documentation does not, preclude, or course, that soldiers serving in batteries carried sidearms. At war's onset, non-commissioned officers carried revolvers, as did gunners, and cannoneers carried revolvers by 1863, according to:

Buell, Augustus. "The Cannoneer": Recollections of Service in the Army of the Potomac. Wash, DC: National Tribune, 1890. pp. 58-59. #203-4.1890.

However, it does not appear that these weapons were standard issue. In fact, the following scattered references suggest that they armed themselves as circumstances deemed necessary and stocks permitted:

Connecticut. 1<sup>st</sup> Artillery Regiment. History of the First Connecticut Artillery and of the Siege Trains of the Armies Operating Against Richmond 1862-65. Hartford, CT: Case, Lockwood & Brainard, 1893. E499.7.1<sup>st</sup>C8.

Soldiers ordered to carry 40 rounds of small arms ammo (p. 17).

Davidson, Henry M. History of Battery A, First Regiment of Ohio Light Artillery. Milwaukee, WI: Daily Wisconsin Print, 1865. E525.8.1<sup>st</sup>D38.

See p. 137 on arming with Enfield rifles for anti-guerrilla action, 1865.

Jones, Jenkin Lloyd. An Artilleryman's Diary [6<sup>th</sup> Wisconsin Battery]. Madison, WI: WI Hist Comm, 1914. E537.8.6<sup>th</sup>66.

See p. 259 concerning arrival of ordnance train, 10 Oct 1864, delivering stores that included "sabres and guns."

Ward, George W. History of the Second Pennsylvania Veteran Heavy Artillery.... Phila: Ward, 1904. E527.7.2d.W37.

Wide variety of personal weapons mentioned, p. 14.