

THE  
EXERCISE OF ARMS  
IN THE  
CONTINENTAL INFANTRY

*Being a Study  
of the  
Manual of the Firelock  
as set forth by  
Major-General von Steuben  
to which is added  
the Motions for the Manual of the  
Non-Commissioned Officer,  
the Esponton and the Sword  
as prescribed by contemporary Authorities  
and explained in the Minutiae  
through the utilization of a live Model  
displayed in 1,000 photographic  
and artistic Plates*

*by*  
Capt. Ernest W. Peterkin, USNR (Ret.)

MUSEUM RESTORATION SERVICE

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# BIBLIOGRAPHY

## PRIMARY SOURCES

*An Abridgement of the English Military Discipline, Printed by Especial Command for the Use of His Majesties Forces*, London: Printed by Charles Bill, Henry Hills, and Thomas Newcomb, Printers to the Kings most Excellent Majesty, 1686.

Barriffe, Lieut. Col. William, *Military Discipline: or The Young Artilleryman*, 6th ed., London: Gertrude Dawson, 1661.

"Battalion, in the Military Art," *Cyclopaedia: or a New Universal Dictionary of Arts and Sciences*, Vol. 4, ed. by Abraham Rees, Philadelphia: Robert Carr, ca. 1800.

Baxter, Lieut. Col. D.W.C., *Baxter's Volunteer Manual*, Philadelphia: King & Baird, 1861.

Blackwell, John, *A Compendium of Military Discipline*, London: Printed for the Author, 1726.

Blakaney, General, *The New Manual Exercise*, Philadelphia: B. Franklin, 1741.

Bland, Lieut. Col. Humphrey, Esq., *A Treatise of Military Discipline*, 4th ed., London: Samuel Buckley, 1740.

Bland, Humphrey, *Abstract of Military Discipline*, Boston: Henry De Forest, 1754.

Bland, Lieut. General Humphrey, *A Treatise of Military Discipline*, 9th ed., London: R. Baldwin, J. Richardson, T. Longman, S. Crowder & Co., and H. Woodgate, 1762.

Breton, William, *Militia Discipline*, 3rd ed., London: Harbin, 1717.

———, *Militia Discipline*, Boston: D. Henchman, 1737. Reprinted by Museum Research Associates, 1975.

Commonwealth of Pennsylvania. Adjutant General's Office, *Rules and Regulations for the Field Exercise and Manoeuvres of Infantry*, Philadelphia: Anthony Finely, 1824.

Cooper, Brevet Captain S., *A Concise System of Instructions and Regulations for the Militia and Volunteers of the United States*, Philadelphia: Robert P. Desilver, 1836.

Cuthbertson, Bennet, *A System for the Compleat Interior Management and Oeconomy of a Battalion of Infantry*, Dublin: Boulter Grierson, 1768.

Darrow, Lieut. Col. Pierce, *Scott's Militia Tactics*, Hartford: Oliver D. Cooke, 1821.

*Drill and Rifle Instruction for Volunteer Rifle Corps*, by authority of the Secretary of State for War, London: W. Clowes and Sons, 1859.

Duane, William, *The American Military Library*, Vol. I, Philadelphia: William Duane, 1809.

———, *Handbook for Infantry*, Philadelphia, 1814.

———, *The System of Discipline and Manoeuvres of Infantry*, Philadelphia: William Duane, 1807.

Ellsworth, Col. E. Elmer, *Light Infantry Drill*, Philadelphia: King & Baird, 1861.

*Exercice de l'Infanterie Francoise, Ordonne par le Roy le 6 May 1755*, engraved by S.R. Baudouin, 1755. Reprinted in Historical Arms Series No. 7, by Edward P. Hamilton, *The French Army in America*, Ottawa: Museum Restoration Service, 1967.

Faucitt, William, *Regulations for the Prussian Infantry*, London: J. Nourse, 1759. Reprinted in the *West Point Military Library Series*, New York: Greenwood Press, 1968.

Finke, Detmar H., "Notes from the Standing Orders of the First Regiment of Infantry, 1802," *Military Collector and Historian*, Vol. III, No. 3, September 1951.

Grant, George, *The New Highland Discipline*, London: George Bickhan, 1757. Reprinted in the Historical Arms Series No. 10, Ottawa: Museum Restoration Service, 1967.

Grose, Francis, *Military Antiquities, Respecting a History of the English Army*, Vol. 1, Picadilly, 31 July 1812.

Harvey, Edward, Adjutant General, *A New Manual, and Platoon Exercise: with an Explanation, Published by Order of His Majesty*, Williamsburg: Dixon & Hunter, 1775.

Heitman, Francis B. *Historical Register of Officers of the Continental Army During the War of the Revolution*, Baltimore: Genealogical Publishing Company, 1967.

Lacroix, Col. Irenee Amelot De, *Rules and Regulations for the Field Exercise, and Manoeuvres of the French Infantry*, Issued August 1, 1791, Vol. 1-3, Boston: T.B. Wait and Co., 1810.

Lens, Bernard, *The Grenadiers Exercise 1735* (National Army Museum Series), 1967.

Maltby, Brigadier General Isaac, *The Elements of War*, 2nd ed., Boston: T.B. Wait and Co., 1813.

*The Manual Exercise, As Ordered, in 1764. Together with Plans and Explanations of the Method generally practis'd at Reviews and Field-Days, Etc.*, New-York: H. Gaine, 1775.

*The Manual Exercise, As Ordered by His Majesty, In the Year 1764. Together With the Plans and Explanations of the Method Generally Practiced at Reviews and Field-Days*, Philadelphia: R. Aitken, 1775.

Mitchell, Major T.L., *Series of Figures Shewing All the Motions in the Manual and Platoon Exercises, and Different Firings, According to His Majesty's Regulations*, London: William Clowes, 1828. Reprinted in Historical Arms Series No. 5, *His Majesty's Regulations—1828*, Ottawa: Museum Restoration Service, 1965.

Nesmith, James H., *The Soldier's Manual*, Philadelphia: James H. Nesmith, 1824. Reprinted by Riling and Lentz, Philadelphia, 1963.

*Orderly Book No. 17 (Lt. Col. Smith's Orderly Book), June 1, 1777-March 25, 1780*, War Department Collection of Revolutionary War Records, Record Group 93, Washington: National Archives.

*Ordonnance Du Roi, Pour Regler L'Exercice de L'Infanterie, Du 1 Janvier 1766, a Paris: de L'Imprimerie Royale, 1766.*

*The Papers of General Frederick Wilhelm von Steuben, Guide and Index to the Microfilm Edition*, ed. by Edith von Zemenszky, Milwood, New York: Krause International Publications, 1984.

*The Photographic History of the Civil War in Ten Volumes*, ed. by Francis Trevelyan Miller, New York: The Review of Reviews, 1911.

Pickering, Timothy, Jr., *An Easy Plan of Discipline for a Militia*, Salem: Samuel and Ebenezer Hall, 1775.

*Reglement fuer die Hessische Infanterie, zu Cassel, 1754.*

"Return of Ordnance and Military Stores at Suchesumma Plains, West Point, Fishkill and Litchfield, 1 March 1780," *Von Steuben Papers*, Roll 4, New Jersey Historical Society, Newark, N.J.

Saxe, Field-Marshal Count, *Reveries or Memoirs Upon the Art of War*, London: J. Nourse, 1757.

Scott, Major General [Winfield], *Infantry Tactics*, New Edition, Vol. 1, New York: Harper and Brothers, Publishers, 1861.

Senate of the United States, *A Compendious Exercise, for Garrison and Field Ordnance, as Practiced in the United States*, Washington City: R.C. Weightman, 1810.

Simes, Thomas, *The Military Guide for Young Officers*, 2nd ed., London: J. Millan, 1776.

*The Sinews of Independence, Monthly Strength Reports of the Continental Army*, ed. by Charles H. Lesser, Chicago: The University of Chicago Press, 1976.

"Treatise on Military Affairs," *The New Royal Encyclopaedia*, Vol. II, ed. by William Henry Hall, 2nd ed., London: C. Cooke, ca. 1795-1801.

- U.S. Congress, *Regulations for the Order and Discipline of the Troops of the United States*, Philadelphia, Styner and Cist, 1779.
- , *Regulations for the Order and Discipline of the Troops of the United States*, Boston: William Norman, 1802.
- , *Regulations for the Order and Discipline of the Troops of the United States*, Albany: Daniel and Samuel Whiting, 1803.
- , *Regulations for the Order and Discipline of the Troops of the United States*, New York: Evert Duyckinck, 1807.
- U.S. War Department, *Abstract of Infantry Tactics*, Philadelphia: Moss, Brother & Co., 1860.
- , *Infantry Tactics: Explanation of the Plates*, Washington: Davis and Force, 1825.
- , *Rules and Regulations for the Field Exercise and Manoeuvres of Infantry*, New York: T. & W. Mercein, 1815.
- , *Regulations for the Field Exercise, Manoeuvres, and Conduct of the Infantry of the United States*, Philadelphia: Fry and Kammerer, 1812.
- War Office, *Drill (All Arms) 1951* London: Her Majesty's Stationary Office, 1958.
- Washington, George, *The Writings of George Washington*, ed. by John C. Fitzpatrick, 39 Vols., Washington: Government Printing Office, 1931-1944.
- Windham, William, *A Plan of Discipline Composed for the Use of the County of Norfolk*, London: J. Shuckburgh, 1759. Reprinted in the Limited Edition Military Series, Ottawa: Museum Restoration Service, 1969.
- Wolfe, Major General James, *Instructions to Young Officers*, London: J. Millan, 1780. Reprinted in the Limited Edition Military Series, Ottawa: Museum Restoration Service, 1967.
- Young, William, *An Essay on Small Detachments*, London: J. Millan, 1766.
- Miller, A.E. Haswell and Dawnay, N.P., *Military Drawings and Paintings in the Collection of Her Majesty the Queen*, Vol. 1, London: Phaiden Press Ltd., 1970.
- Mollo, Boris, "Poise Your Musket! Early Drill Books in the National Museum," *Some Treasures of the National Army Museum*, Reprinted from *Connoisseur*, November 1971.
- Moore, Warren, *Weapons of the American Revolution*, New York: Promontory Press, 1967.
- Neuman, George C., *Swords & Blades of the American Revolution*, Harrisburg: Stackpole Books, 1973.
- The Oxford Dictionary*, Oxford: Clarendon Press, 1933.
- Palmer, John McAuley, *General von Steuben*, New Haven: Yale University Press, 1937.
- Patterson, C. Meade, "U.S. Military Flintlock Parts," *Muzzle Blasts*, Vol. XIII, October and November, 1951.
- Paulson, Ronald, *Hogarth's Graphic Works*, revised ed., Vols. 1 and 2, New Haven: Yale University Press, 1970.
- Peterson, Harold L., *Arms and Armor in Colonial America*, New York: Bramhall House, 1956.
- , *The Book of the Continental Soldier*, Harrisburg: Stackpole Co., 1968.
- Riling, Joseph R., *Baron von Steuben and His Regulations*, Philadelphia: Ray Riling Arms Books Co., 1966.
- Scott, David B., *A Smaller School History of the United States* New York: Harper & Brothers, 1872.
- Spaulding, Thomas M. and Karpinski, Louis C., *Early Military Books in the University of Michigan Libraries*, Ann Arbor: University of Michigan Press, 1941.
- Steuben, Secret Aid for the Americans*, ed. by Werner Giesebrecht, Wurzberg, Handelsdruck, [1981].
- Webster's Biographical Dictionary*, Springfield, Mass., G. & C. Merriam Co., Publishers, 1963.
- Wright, Col. John C., *Some Notes on the Continental Army* New Windsor Cantonment Publication No. 2, Vails Gate, N.Y.: Hope Farm Press, 1963.
- Wright, Robert K. Jr., *The Continental Army*, Army Lineage Series, Center of Military History, Washington D.C.: Government Printing Office, 1983.

## SECONDARY SOURCES

- American Heritage Book of the Revolution*, ed. by Richard M. Ketchum, New York: American Heritage Publishing Co., Inc., 1971.
- American Heritage Dictionary of the English Language*, ed. by William Morris, New York: American Heritage Publishing Co., Inc., 1969.
- Ashdown, Charles Henry, *British Continental Arms and Armour*, New York: Dover Publications, Inc., 1970.
- Bannerman Military Goods Catalog, No. 26, 1946-1947 ed.*, New York: Francis Bannerman Sons, January 1945.
- Berg, Fred Anderson, *Encyclopedia of Continental Army Units*, Harrisburg: Stackpole, 1972.
- Bolton, Charles Knowles, *The Private Soldier Under Washington*. Port Washington, N.Y., Kennikat Press, 1902.
- Clary, David A. and Whitehorne, Lt. Col. Joseph W. A., *The Inspectors General of the United States Army, 1777-1903*, Office of the Inspector General and Center of Military History, United States Army, Washington: U.S. Government Printing Office, 1987.
- Flexner, John Thomas, *George Washington in the American Revolution*, Boston: Little, Brown & Co., 1968.
- , *Washington, the Indispensable Man*, Boston: Little, Brown & Co., 1974.
- Godfrey, Carlos E., *The Commander-in-Chief's Guard, Revolutionary War*, Washington, D.C.: Stevenson-Smith Co., 1904.
- Ketchum, Richard M., *The World of George Washington*, New York: American Heritage Publishing Co., Inc., 1974.
- Klinger, Robert L. and Wilder, Richard A., *Sketch Book 76*, Arlington, Va.: Cooper-Trent, 1967.

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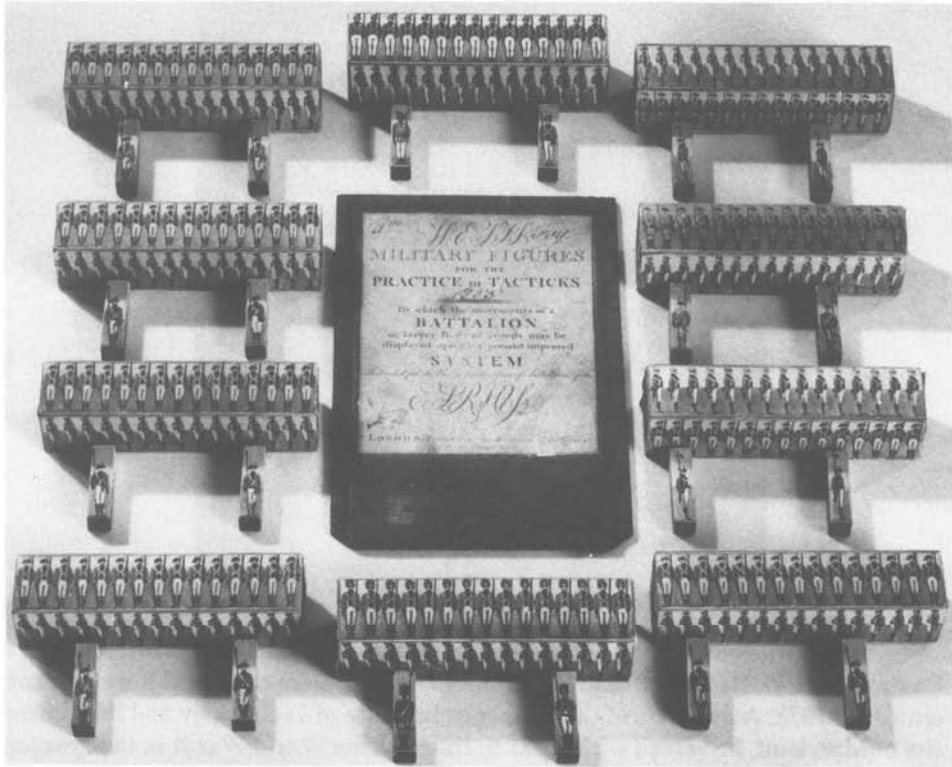
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Tailpiece. A 1797 "Tactics" set of miniature "Military Figures" probably similar to that given to General Washington by Secretary of War McHenry in 1799.



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ERRATA

*Exercise of Arms in the Continental Infantry*

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viii	12	6		"No" to "No."
xi	2	9		"spontoon" to "espontoon"
xii	1	20		"Revolutinary" to "Revolutionary"
xiii	2	10		"1799" to "1779"
9		32	2-1	"-L" to "L."
12	1	fn.9		Delete "1," after " <i>Steuben,</i> "
22	2	48		" <i>Contributiouons</i> " to " <i>Contributions</i> "
25	1	37		"Granger" to "Grainger"
39	1	7		"Von" to "von"
43	1	26		"6." to "6.1."
48			6-6(top)	Extend arrow to "Tumbler Pin" on cock
63			7-10	Interchange views
70	1	fn. 39		Insert "Washington:" after " <i>Plates,</i> "
77			8-7	Interchange letters "c" and "d"
91	2		8-23	Rotate foot diagram clockwise 90 degrees
94	1	1		"Part 3" to "Part 2"
182	2	29		Add "2" before " <i>Shut,Pans!</i> "
193	1	8		" <i>Shoulder Firelock</i> " to " <i>Shoulder, Firelock!</i> "
253			14-4	Reverse picture, right to left
280	2	36		Delete "1740"
283	1	17		"Atteention!" to "Attention!"
283	1	35		"Espontoon" to "Espontoon!"