U.S. Army Military History Institute 950 Soldiers Drive Carlisle Barracks, PA 17013-5021 20 Jan 2012

#### **MACHINE GUNS**

A Working Bibliography of MHI Sources

#### **CONTENTS**

General Sources.....p.1 Prototype-Machine Guns -General Sources....p.3 -Vandenberg Volley Gun.....p.3 -Requa.....p.3 Early MGs in US Army......p.4 WWI Era.....p.5 Aerial MG Trainer, WWII......p.6 The Lewis MG......p.6 Browning Cal.50 MG......p.7 Other....p.8

#### **GENERAL SOURCES**

Applin, R.V.K. Machine-Gun Tactics. London: Rees, 1910. 265 p. UF157.32.A66.

- Armstrong, David A. <u>Bullets and Bureaucrats: The Machine Gun and the United States Army, 1861-1916</u>. Westport, CT: Greenwood, 1923. 239 p. UC263.A75.
- Barthorp, Michael. "Early Use of Machine Guns in the British Army." <u>Military History Illustrated</u> (May 1992): pp. 31-36. Per.
- Canfield, Bruce N. <u>U.S. Infantry Weapons of WWII</u>. Lincoln, RI: Mowbray, 1994. 301 p. UC383.C36. See Chap. 8.
- Colvin, Fred H., & Viall, Ethan. <u>United States Rifles and Machine Guns</u>. NY: McGraw Hill, 1917. 332 p. UD390.C64.
- Däniker, Gustav. <u>Die Maschinenwaffen im Rahmen der Taktik</u>. Berlin, Germany: E. S. Mittler & Sohn, 1942. 133 p. UD338.D36.

- Dupuy, Trevor N., ed-in-chief. International Military and Defense Encyclopedia. 6 vols. Wash, DC: Brassey's, 1993. pp. 1590-94. U24.I58.
- Ellis, John. The Social History of the Machine Gun. NY: Pantheon, 1975. 186 p. UL310.A2.E38.
- Ford, Roger. <u>The Grim Reaper: The Machine-gun and Machine-gunners</u>. NY: Sarpedon, 1996. 314 p. UF620.A2.F67.
- Hallahan, William H. <u>Misfire: The History of How America's Small Arms Have Failed Our Military</u>. NY: Scribners, 1994. 565 p. UD383.H35. See Pt. IV.
- Hutchinson, G.S. <u>Machine Guns: Their History and Tactical Employment</u>. London: Macmillan, 1938. 349 p. UL310.M33.
- Johnson, Melvin M., Jr. "That Elusive Light Machine Gun." <u>Infantry Journal</u> (Feb 1947): pp. 24-27. Per. Analysis and photos, WWII types.
- Jones, Charles A. "The M240B General Purpose Machine Gun." <u>On Point</u> (Winter 2008/2009): pp. 14-17. Per.
- McKellar, K.B. Machine Gun Practice and Tactics. NY: Macmillan, 1917. 165 p. UL310.M3.
- Machine Gun "Dreyse" (Short Description). [Germany?: s.n., 19--?]. 14 p. UD395.D74.M3313. At head of title: Rheinische Metallwaaren- und Maschinenfabrik, Düsseldorf. English translation from the German title: Maschinengewehr "Dreyse".
- Popenker, M. R., & Williams, Anthony G. <u>Machine Gun: The Development of the Machine Gun from</u> <u>the Nineteenth Century to the Present Day</u>. Ramsbury, England: Crowood, 2008. 384 p. UF620.A2.P66.
- Schreier, Konrad F., Jr. <u>Guide to United States Machine Guns</u>. Forest Grove, OR: Normount, 1971.
  178 p. UL311.3.S3. More historical than descriptive.
- Short, Walter C. Employment of Machine Guns. Wash, DC: US Infantry Association, 1922. 222 p. UF157.32.S56.
- U.S. War Dept. <u>German 7.9-mm Dual Purpose Machine Gun MG 34</u>: <u>Technical Manual E9-206A</u>, dated Apr 1943. 72 p. TM.
- Walter, John. <u>Machine-Guns of Two World Wars</u>. Mechanicsburg, PA: Stackpole, 2005. 144 p. UF620.A2.W34.

**See also:** -Bibliography on Gatling Guns in Weapons-Crew

# PROTOTYPE-MACHINE GUNS: General Sources

James, Garry. "The Search for the Ultimate Weapon." <u>Civil War Times Illustrated</u> (Jan/Feb 1993): pp. 48-50 & 52-55. Per. CW experimental machine guns.

Schreier, Konrad F., Jr. "Civil War Machine Guns." Army (May 1985): pp. 61-64. Per.

# -Vandenberg Volley Gun (Civil War)

- Chin, George M. <u>The Machine Gun: History, Evolution and Development...</u>. Vol. 1. Wash, DC: GPO, 1951. pp. 43-45. UL310.C45v.1.
- Ripley, Warren. <u>Artillery and Ammunition of the Civil War</u>. NY: Van Nostrand, 1970. p. 185. UF23.R562.
- Vandenburgh, O. "A New System of Artillery for Projecting a Group of Cluster of Shot." Journal of the <u>Royal United Service Institute (RUSI)</u> (1862): pp. 377-90. Per. Speech of 9 May 1862.

## -Billinghurst-Requa Battery Gun

The Requa gun participated not only in the 1863 siege of Charleston but also in the 1864 Battle of Petersburg, fired by a detachment of the 16<sup>th</sup> New York Heavy Artillery Regiment. See Q.A. Gillmore's <u>Engineer and Artillery Operations Against the Defence of Charleston Harbor in 1863</u> (E475.62.G485) and D. Eldredge's <u>The Third New Hampshire</u> (E520.5.3d.E53). See also:

-Paul Wahl's and Donald R. Toppel's <u>The Gatling Gun</u> (UF620.G3.W3), p. 9.
-G.S. Hutchinson's <u>Machine Guns</u> (UL310.3), pp. 7-8.
-Calvin Goddard's "The Machine Gun" in <u>Army Ordnance</u> (Jul/Aug 1942): p. 109.
-<u>Farrow's Military Encyclopedia</u>, Vol. 1, p. 158. U24.F24.
-Jack Coggins' <u>Arms and Equipment of the Civil War</u> (UC23.1861/65/66), p. 144.
-Francis A. Lord's <u>Civil War Collector's Encyclopedia</u> (UC23.1861/65-L6), pp. 105-07.

## MACHINE GUNS IN U.S. ARMY

The US Army did not adopt a specific machine gun model as standard before World War I. Most widely used before 1912 was the .30 caliber Vickers-Maxim model of 1904. The Benet-Mercie air-cooled, gasoperated automatic machine rifle, model of 1909, also known as the Hotchkiss portable machine gun, was tested and adopted in 1909. John M. Browning's model, intensively tested in 1913 and manufactured by Colt, was widely employed during World War I, along with the Lewis machine gun. See:

- Fisher, Ernest F., Jr. "Weapons and Equipment Evolution and Its Influence Upon Organization and Tactics in the American Army from 1775-1963." Mimeo, OCMH, n.d. pp. 39-40. U165.F57.
- Grisell, Elbert L. "Machine Guns with Cavalry." Jrnl Mil Svce Inst US (1910): pp. 59-64. Per.
- Handbook of the Maxim Gun (.303 Inch).. Aldershot, Gale & Polden, 1912. 105 p., drawings. UL311.M4.H36.
- Handbook for the .303-in. Vickers Machine Gun (Magazine Rifle Chamber) Mounted on Tripod Mounting, Mark IV. NY: Harvey, 1917. 82 p., drawings. UL311.V5.H36.
- Hatcher, Julian S., et al. <u>Machine Guns</u>. Menasha, WI: Banta, 1917. 343 p. UL310.M33. See text, pp. 23-29; photos of Benet-Mercie, p. 65; Browning Colt, p. 175; and Maxim, p. 158.
- Hotchkiss Portable Machine Gun: Handbook. London: Iliffe & Sons, 1917. 42 p., 11 plates. UL311.H8.H67.
- Johnston, D.J. Hand Book of the Colt Gun. Hythe, England: Paine, n.d. 30 p. UL311.C7.J63.
- "The New Army Automatic Machine Rifle." <u>Army & Navy Register</u> (28 Feb 1910): p. 1. Per. Adoption of the Benet-Mercie and mention of Maxim.
- U.S. War Dept. <u>Notes on the Employment of Machine Guns</u>. Wash, DC: GPO, 1918. 56 p. UF157.32.T72.
- U.S. War Dept. Ord Dept. <u>Report of Board of Officers on Test of Maxim Solid-Action Gun and Vickers</u> <u>R.C. Automatic Machine Gun</u>. Wash, DC: GPO, 1901. 23 p., plates. UL311.M4.R46.
- Williston, Edward B. "Machine Guns and the Supply of Small-arm Ammunition on the Battle-field." Journal of the Military Service Institution of the US (1886): pp. 121-. Per.

## WWI ERA

- Braun, Hauptmann. <u>Das Maxim-Maschinegewehr und seine Verwendung</u>. Berlin: Eisenschmidt, 1905. 145 p., 19 foldout charts and diagrams. UF620.M4.B82. Also 1903 edition, 97 p., 3 foldouts.
- Bruce, Robert. <u>Machine Guns of World War I</u>. London: WItherow & Breene, 1997. 128 p. UG620.A2.B78.
- Cornish, Paul. <u>Machine Guns and the Great War</u>. South Yorkshire, England: Pen & Sword Military, 2009. 169 p. UF620.A2.C67.
- <u>Die Maxim-Maschinenkanone und ihre Verwendung</u>. Berlin: Eisenschmidt, 1901. 51 p. UF620.M4.M46.
- Fleck, A. <u>Maschinengewehre: Ihre Technik und Tactic</u>. Berlin: Mittler, 1909. pp. 22-36; 15 illustrations. UF620.F62.
- Graham, Dominick. "The British Expeditionary Force in 1914 and the Machine Gun." <u>Military Affairs</u> (Dec 1982): pp. 190-93. Per.
- Great Britain. Army. General Staff. <u>Signal Organisation for Heavy Branch Machine Gun Corps</u>. [London, England: s.n.], 1917. 3 p. UG575.G7.S53. Variant title. <u>Signal Organization for Heavy Branch Machine Gun Corps</u>.
- Hatcher, Julian S., et al. Machine Guns. Menasha, WI: Banta, 1917. 251 p. Ul310.M33.
- Helmer, William J. <u>The Gun that Made the Twenties Roar</u>. NY: Macmillan, 1969. 286 p. UF620.T5.H45.
- Korzen, Anton. <u>Maschinengehehre</u>. Vienna: Seidel, 1908. 120 p., foldout charts. pp. 41-58. UF620.A3.K86.
- Musgrave, Daniel D., & Oliver, Smith. <u>German Machine Guns</u>. Wash, DC: MOR, 1971. pp. 71-105. UL310.M87.
- "The Reliable Working of the Maxim Machine Gun." [Translated from <u>Kriegtechnische Zeitschrift</u>, Pt 4, (1905) by CPT Fredrick L. Knudsen, 8<sup>th</sup> U.S. Infantry] In <u>Selected Translations Pertaining</u> to the Tactical Use and Value of Machine Guns, April 1, 1906. Wash, DC: GPO, 1906. pp. 13-18. UF620.A2.U3.

## **AERIAL MACHINE GUN TRAINER, WWII**

On Machine Gun Trainer, Cal .22, M5, adapted from a Browning .30 cal machine gun, and on the antiaircraft machine Gun Trainer M9, which fired plastic pellets, see:

- U.S. War Dept. <u>Aerial Gunnery Practice and Record Firing</u>. Technical Manual 1-270, 10 Apr 1941. 27 p. TM.
- \_\_\_\_\_. <u>Antiaircraft Machine Gun Trainer M9: Technical Manual 9-222</u>, dated 19 Jun 1943. 104 p. MilPub-TM.
- . <u>Browning Machine Gun, Cal. .30, M2, Aircraft–Fixed and Flexible: TM 9-205</u>, dated 31 Mar 1944. 31 p. MilPub-TM.

## **LEWIS MACHINE GUN**

Bull, Stephen. "Belgian Rattlesnake: The Lewis Gun." Military Illustrated (Apr 994): pp. 36-39. Per.

- The Complete Lewis Gunner. London: Gale & Polden, 1918. 76 p. UL311.L4.C65.
- Great Britain. Army. General Staff. <u>Notes on the Employment of Lewis Guns in Desert Warfare in</u> <u>Egypt</u>. London: HMSO, 1917. 4 p. UF620.L5.N68.
- Great Britain. Royal Air Force. Instructional Notes on the Lewis Gun. n.p., 1918. 43 p. UG625.G7.L6.A25.
- Great Britain. War Office. General Staff. <u>Instructions for Wearing the Equipment for Carrying Lewis Gun Magazines</u>. France: Army Printing and Stationery Services, 1917. 4 p. UC525.G7.I57.
- \_\_\_\_\_. War Office. <u>Handbook for the .303-in. Lewis Gun, Marks I and II</u>. London: HMSO, 1918. 68 p., photos, drawings. Ul305.G753.GH36.
- <u>Handbook (Provisional) for the .303-in. Lewis Machine Gun (Magazine Rifle Chamber) (Part I)</u>. London: HMSO, 1915. 52 p. UL311.L4.H364.
- \_\_\_\_\_. Method of Instruction in the Lewis Gun. London: HMSO, May 1917. 31 p. UL311.L4.M47.
- \_\_\_\_\_. Three plates illustrating the Lewis machine gun. UF625.G3.L6.A21.

- Hatcher, Julian S., et al. <u>Machine Guns</u>. Menasha, WI: Banta, 1917. 251 p. UL310.H3. See Chap II.
- Hicks, P.M., et al. <u>Instructional Handbook of the .303 Lewis Automatic Machine Gun</u>. Hythe, England: Paine, 1915. 43 p. UL311L4.I57.
- Operation and Tactical Use of the Lewis Automatic Machine Rifle.... NY: Van Nostrand, 1917. 149 p. drawings. UL311.L40.
- Pridham, Charles H. B. <u>Lewis Gun Mechanism Made Easy</u>. East Sussex, England: Naval and Military & the Royal Armouries, 2008 reprint of 1941 edition. 20 p. UF620.L5.P75.
- Royal Armouries (Great Britain). <u>The Complete Lewis Gunner</u>. By an instructor. East Sussex, England: Naval and Military Pr, and the Royal Armouries, 2009. 76 p. UF620.L5.C66.
- Savage Arms Co. Lewis Automatic Machine Guns: The Vital Factor in The European War. n.p., 1917. 17 p., photos. UF620.L6.S26. Sales brochure with British testimonials.
- U.S. Army War College. <u>Machine Gun Notes No. 1</u>. Wash, DC: GPO, 1917. 207 p. UF620.A3.U5no.1.
- U.S. Army. Ordnance Department. <u>Handbook of the Lewis Machine Gun, Caliber .30, Model of 1917</u>, 16 Nov 1917. 72 p., photos, drawings. UL311.L4.H36.

### **BROWNING MACHINE GUN**

Goldsmith, Dolf L. <u>The Browning Machine Gun</u>. [Edited by R. Blake Stevens] 2 vols. Cobourg, Canada: Collector Grade Publications, 2005. UF620.B6.G65.

Vol. 1: Rifle Caliber Brownings in US Service

Vol. 2: Rifle Caliber Brownings Abroad

### **BROWNING-Field Manuals**

- U.S. War Dept. <u>Aircraft Artillery Field Manual; Service of the Piece, Caliber .50 AA Machine Gun:</u> <u>FM 4-155</u>, dated Oct 1943. 164 p. MilPub-FM.
- \_\_\_\_\_. <u>Basic Field Manual: Browning Machine Gun, Caliber .50, HB, M2 Ground: FM 23-60,</u> dated Sep 1940. 187 p. MilPub-FM.
- \_\_\_\_\_. <u>Browning Machine Gun, Caliber .50 HB, M2: FM 23-65</u>, dated 1940. 141 p. MilPub-FM. Also editions of Nov 1944 (169 p.), Dec 1955 (392 p.) and May 1972 (220 p.).

#### **BROWNING-Technical Manuals**

- U.S. War Dept. <u>Basic Aircraft Machine Guns, Cal. .50, T36 and T25E3 (M3): TM 9-219</u>, dated Apr 1945. 151 p. MilPub-TM. Also editions of Feb 1947 (147 p.), Sept 1949 (161 p.), and Sept 1951 (198 p.).
- \_\_\_\_\_. <u>Browning Machine Gun, Cal. .50, M2, Aircraft, Basic: TM 9-225</u>, dated Nov 1940. 51 p. MilPub-TM.

Also editions of Apr 1942 (54 p.), Dec 1943 (158 p.) and Jan 1947 (181 p.).

- Browning Machine Gun, Cal. .50, M2, Water-Cooled and Mounts: Tm 9-226, dated Dec 1940. 88 p. MilPub-TM. Also edition of Aug 1943 (278 p.).
- . Ordnance Maintenance, Browning Machine Gun, Cal. .50, All Types: TM 9-1225, dated Jan 1942. 31 p. MilPub-TM. Also edition of Jun 1942 (24 p.), Apr 1943 (146 p.) and Oct 1944 (214 p.).

#### **OTHER**

Fent, Patrick. "The M2 .50 Caliber Machine Gun." On Point (Winter 2012): pp. 13-16. Per.