National Park Service U.S. Department of the Interior



FINDING AID

DEPARTMENT OF THE ARMY, CHIEF OF ORDNANCE, SPRINGFIELD ARMORY RECORDS 1795-1969, undated (bulk dates: 1860-1968)

Prepared by History Associates Incorporated 2012

National Park Service

Catalog Number: SPAR 15455

Accession Number: SPAR-00004, SPAR-00069

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HISTORY

In order to support the efforts of the Colonies in the midst of the Revolutionary War, Colonel Henry Knox and General George Washington established the Continental Arsenal at Springfield, Massachusetts in 1777. Springfield was an attractive choice for the site of the arsenal because of its large concentration of gunsmiths and advantageous geographic location. Following the Revolutionary War, arms work at Springfield continued at a reduced rate and the Arsenal was maintained for the storage of arms and ammunition. In 1787, following a series of mob actions stopping state courts from seizing property in payment for debts, an army of distraught citizens led by Captain Daniel Shays tried to overtake Springfield Arsenal. Use of artillery fire and militia forced the rebels to retreat and scatter. This uprising became known as Shays' Rebellion, and helped bring reforms to the state government and convince states to adopt the new U.S. Constitution. Otherwise, the site at Springfield remained relatively quiet until the establishment of the National Armory.

At the recommendation of Secretary of War Knox, President Washington persuaded Congress to establish a national armory at Springfield. On April 2, 1794, an act of Congress established two national armories. The current Springfield Arsenal location and nearby Mill River were selected as the site for the northern arsenal, and Harpers Ferry, Virginia (now West Virginia) was selected for the southern arsenal. Springfield native and manufacturer David Ames was named as the Armory's first civilian superintendent, and was tasked with establishing arms production. The Armory began weapons production in 1795 with a workforce of forty skilled craftsmen manufacturing U.S. Model 1795 muskets. These early flintlock muskets were essentially copies of French "Charleville" muskets.

The government gained the rights to build a dam on the Mill River to the south of the original arsenal site in 1795, which allowed it to utilize the river's waterpower for a new portion of the factory. This dam site would eventually become the Lower Water Shops, and the additional purchase of land and water rights allowed for its expansion and the creation of the Upper and Middle Water Shops by the 1840s.

Over the first few decades of the nineteenth century, the Armory continued to expand and develop into a site of technological and industrial innovation. It witnessed increased activity during the War of 1812 and was considered a large industrial site for the time. Many weaknesses in the Model 1795 were revealed during the War, so the Armory produced the Model 1812 in an attempt to correct those issues. Springfield Armory was under the leadership of civilian superintendent Colonel Roswell Lee from 1815 through 1833. During Lee's superintendency, the Armory was transformed into a much larger industrial complex and saw many innovations in both weapons design and industrial production. This included the replacement of the Model 1812 musket with an improved standardized version known as the Model 1816. In 1819, Thomas Blanchard, a contractor at the Armory, developed a special lathe for the consistent mass production of rifle stocks. The Blanchard Lathe allowed unskilled workers to turn out identical irregular shapes quickly and easily and helped move the Armory toward the use of completely interchangeable parts.

In 1841, the Armory came under the leadership of a figure who would prove very influential to its growth, Major James W. Ripley. Major Ripley was first appointed to the Armory as a civilian superintendent, but retained his rank of Major in the Ordnance Department. When Congress passed a law in 1842 requiring that all National Armories be commanded by military officers, Major Ripley became the first military Commander of the Post. Ripley was a controversial figure throughout his tenure due to unpopular changes in policies and conflicts with local land owners, but he accomplished his ambitious goals and greatly improved the efficiency and appearance of the Armory. His work led to increasingly streamlined production, the acquisition of additional lands at the hill site, and the construction of new buildings to support the growth of the Armory. The Mexican War also helped fuel an increase in production during this period which, combined with Ripley's leadership, contributed to the increased employment of workers of diverse religious and ethnic backgrounds. The next major development in muskets came during this time with the Model 1842, which was the first Springfield weapon assembled entirely from machine made, totally interchangeable parts. The Model 1842 also marked the replacement of the flintlock with a more dependable percussion ignition lock. The innovations at the Armory would continue after Ripley's departure in 1854, and the leadership would change back between civilian and military appointments one more time.

The Armory provided more powerful and accurate muzzle-loading arms with the introduction of the first rifle musket, the Model 1855. The Model 1855 used a Maynard primer system, which proved unreliable; it was replaced during the Civil War with the Model 1861, which used a percussion ignition lock, improving upon the previous Model. The Model 1861 eventually became the most commonly carried weapon in the Union infantry. Older models of Springfield muskets were also used due to arms shortages. Activity at the Armory increased in response to the needs of the Union Army and following the destruction of the U.S. Armory at Harpers Ferry in April 1861. At the height of its Civil War production, Springfield Armory was producing 1,000 rifle muskets per day. This was a dramatic increase over the 1,000 guns per month produced at the very start of the war. The Armory remained the only federal manufacturing point for small arms until the 1900s.

In the two decades immediately following the Civil War, there were only a small number of major changes at Springfield Armory. Notably, the Armory established the Small Arms Museum in this period. The Museum was started with the collection of Superintendent Colonel J.G. Benton (1866-1881), and included a variety of models of small arms, swords, and antique weaponry. Benton began collecting arms for the museum in 1866 and the museum was opened to the public in 1871. The Small Arms Museum, later the Benton Small Arms Museum, operated under the Armory's control until 1968, closing briefly after a 1931 fire, and again during World War II. The museum continued to collect weapons and related objects through outside acquisition, and transfer from Research and Development divisions.

By the 1890s the Armory had assumed a growing role in small arms research and development. The establishment of the Experimental Department in 1891 officially created a division responsible for the design and testing of small arms. This department would go on to examine, develop, design, and test all subsequent U.S. rifle designs. Innovations during this time period included the Springfield breech-loading metallic cartridge "Trapdoor" rifle Models 1868, 1869,

1870, and 1873 used by U.S. soldiers and Native Americans in the Western Plains conflicts, and smokeless powder weapons. The volunteers in the Spanish American War used "Trapdoors," and the regulars used Krag-Jorgensens, which were adopted by the U.S., and manufactured by the Armory beginning in 1892. Deficiencies with the Krag-Jorgensens that were noticed during the Spanish American War led directly to the development and adoption of the Model 1903.

In the early twentieth century much of the Armory's infrastructure was updated and modernized, including the development of electric service at the site. Manufacturing at the Armory decreased following each war, though experimentation and development of arms continued. When the United States entered World War I in 1917, production increased again dramatically. The Armory produced over 265,000 bolt-action M1903 rifles for American troops during the war. This rifle is considered one of the most accurate weapons ever made and is still used in U.S. Marine shooting matches.

Experimental work following WWI resulted in the mass production of the M1 Rifle, designed by John C. Garand. The M1 was the first successful semi-automatic rifle to be put into active military service and officially replaced the M1903 in 1936. At the same time, the Works Progress Administration (WPA) was carrying out improvements and repairs to the physical plant and buildings. The automation and improvement of the manufacturing process in the early 1930s allowed for increased production of the M1 rifle, which was the primary infantry rifle during World War II. Springfield Armory's production before the U.S. entry to WWII was seen as vital to the war effort. The Army recognized the need for materiel well before the war started – this was in stark contrast to all previous conflicts. Previously, the Armory would not receive funding until after war was declared, and production lagged behind. Over 3.5 million M1 rifles were produced through 1945 for the use of U.S. troops around the world. The workforce at the Amory reached its height during 1943 with a total of 13,500 employees. At this time, 43 percent of the Armory workers were Women Ordnance Workers (WOWs).

In the decades following WWII, work at Springfield Armory focused more on technology and scientific research at the sacrifice of manufacturing. The Armory took a leading role in research and development of small arms for U.S. military use. The M1 continued to be the standard service rifle for the United States Armed Forces in the Korean War. In 1957, the Armory began production of the selective-fire M14 rifle. This marked the first time that private sector contractors produced more shoulder arms than the Armory, and thus it marked the beginning of the Armory's decline. The M14 was the last shoulder weapon to be produced at the Armory. It replaced the M1 for use in the Vietnam War. Although replaced by the M16 in the late 1960s, the M14 continues to be issued in a limited capacity today.

The Armory was declared a National Historic Landmark in 1960, and was added to the National Register of Historic Places in 1966. In 1964, the Defense Department determined that private suppliers could provide the necessary weapons to the U.S. military going forward. Springfield Armory was scheduled to be phased out as a military installation by 1968, with many of the workers transferring to Rock Island Arsenal in stages. Upon the Armory's official deactivation in April1968, Springfield Armory Museum, Inc. (SAM, Inc.) was established as a non-profit museum. It incorporated the Armory's museum and research collections documenting small arms manufacture and experimentation, and displayed a portion of these arms in the Main Arsenal. At

that time, rest of the hill site was granted to the Commonwealth of Massachusetts for use as the campus of Springfield Technical Community College (STCC), where it continues to operate today. Congress established the Springfield Armory National Historic Site in 1974 with the passage of Public Law 93-486, 93 Congress H.R. 13157. Today, the National Park Service preserves the site, historic structures, and museum and archives collections.

References:

-Lee, J. J. III. (2011). Building 27: Historic Structure Report. Lowell, MA: Historic Architecture Program, Northeast Region, National Park Service, U.S. Department of the Interior.

-National Park Service. (c. 2000). Springfield Armory (Visitor information pamphlet). Washington, DC: U.S. Department of the Interior.

-Whittlesey, D. S. (1920). The Springfield Armory: a Study in Institutional Development. (Unpublished doctoral dissertation). University of Chicago, Chicago, IL.

-U.S. Army, Springfield Armory. (1966). Springfield Armory Regulation #10-6: Organization Manual. U.S. Army, Springfield, MA.

SCOPE AND CONTENT

DEPARTMENT OF THE ARMY, CHIEF OF ORDNANCE, SPRINGFIELD ARMORY RECORDS 1795-1969, undated (bulk dates: 1860-1968)

CATALOG NUMBER	SPAR 15455
VOLUME	211.70 LF
VOLUME DESCRIPTION	Springfield Armory was responsible for the research, design, engineering, production, procurement, quality assurance, and other functions of the development and manufacture of small arms and armament systems for the United States Military. The Armory made significant contributions to the history of manufacturing and small arms development, including standardization and interchangeability of parts, mass production techniques, and the design of modern small arms weapons systems. The Armory designed and produced a number of notable small arms, including the Model 1842, Model 1903, M1 Garand, and M14. The Department of the Army, Chief of Ordnance, Springfield Armory Records contain manuals, orders, reports, correspondence, photographic prints, aperture cards, directories, catalog cards, organizational charts, plans, newsletters, technical drawings, brochures, patents, and other materials related to the mission, operation, and output of the Springfield Armory throughout its history. In particular the materials document management, production, testing, employment, research, public relations, and site
	operations at the Armory. Of note are a large number of materials used for reference by the Research and Engineering Division, and materials recording the acquisition, maintenance, and exhibition of the Armory's museum collections. The collection also includes a
	significant number of photographic prints documenting the buildings and grounds, events, employees, test activities, and weapons at the Armory.

	The organization of the Armory underwent many changes throughout its operation and consequently, a number of divisions were created, modified, or replaced as official responsibilities required. In 1968, the Administration Office, Plans and Management Office, Personnel and Training Office, Research and Engineering Division, Quality Assurance Division, Operations Division, Services Division, Information Office, Legal Office, Comptroller and Programs Office, Data Processing Office, and Safety Office were under the purview of the Commanding Officer. This collection is organized in accordance with the hierarchical structure of the Armory at that time, as outlined in the Organization Manual.
	Records at the Armory were surveyed as part of a Works Progress Administration (WPA) project in the 1930s. Records deemed "temporary" were discarded and many permanent records were transferred to the National Archives and Records Administration (NARA). Upon the Armory's closure in 1968 the Army transferred additional records to NARA in accordance with the Federal Records Act. Record types held at NARA include correspondence, payrolls, orders, personnel files, statements of expenditures, and scrapbooks. Microfilm copies of many of these records are held by Springfield Armory National Historic Site.
ORGANIZATION	This collection is organized into twelve series; Series I: Administration Office; Series II: Plans and Management Office; Series III: Personnel and Training Office; Series IV: Research and Engineering Division; Series V: Quality Assurance Division; Series VI: Operations Division; Series VII: Services Division; Series VIII: Information Office; Series IX: Legal Office; Series X: The Office of the Commanding Officer; Series XI: Comptroller and Programs Office; and Series XII: Associated Groups.
PROVENANCE	This collection was primarily given to Springfield Armory Museum, Inc. upon the Armory's closure in 1968. The National Park Service acquired the collection when the Armory site was transferred to their stewardship in 1978. Some of the material was donated to SAM, Inc. or the National Park Service by former employees.
RESTRICTIONS	NO
ASSOCIATED	Permanent records held by the National Archives and

MATERIALS

Records Administration.

HIERARCHY

- I. SERIES I: ADMINISTRATION OFFICE, 1795-1969, undated (bulk dates: 1795-1968)
 - A. SUBSERIES I.A: MAIL AND RECORDS BRANCH, 1795-1968, undated (bulk dates: 1795-1968)
 - 1. SUB-SUBSERIES I.A.1: TECHNICAL AND FIELD MANUALS, 1868-1968, undated (bulk dates: 1942-1968)
 - 2. SUB-SUBSERIES I.A.2: ORDERS, 1828-1967, undated (bulk dates: 1867-1950)
 - 3. SUB-SUBSERIES I.A.3: SPRINGFIELD ARMORY LANDS RECORDS, 1795-1963, undated (bulk dates: 1795-1952)
 - 4. SUB-SUBSERIES I.A.4: SPRINGFIELD ARMORY HISTORY RECORDS, 1806-1968, undated (bulk dates: 1874-1968)
 - 5. SUB-SUBSERIES I.A.5: CORRESPONDENCE, 1843-1967, undated (bulk dates: 1843-1864)
 - B. SUBSERIES I.B: MICROFILMING AND REPRODUCTION BRANCH, 1869-1968, undated (bulk dates: 1957-1968)
 - C. SUBSERIES I.C: MUSEUM BRANCH, 1875-1969, undated (bulk dates: 1937-1968)
 - D. SUBSERIES I.D: SECURITY BRANCH
- II. SERIES II: PLANS AND MANAGEMENT OFFICE, 1921-1966, undated (bulk dates: 1959-1963)
 - A. SUBSERIES II.A: PLANS BRANCH (ORGANIZATIONAL CHARTS), 1921-1966, undated (bulk dates: 1959-1963)
 - B. SUBSERIES II.B: MANAGEMENT SCIENCE BRANCH
 - C. SUBSERIES II.C: MANPOWER BRANCH
 - D. SUBSERIES II.D: PROPERTY COORDINATION BRANCH
- III. SERIES III: PERSONNEL AND TRAINING OFFICE, 1804-1968, undated (bulk dates: 1895-1968)
 - A. SUBSERIES III.A: DIRECTORIES, 1939-1968, undated (bulk dates: 1952-1968)

- B. SUBSERIES III.B: MILITARY PERSONNEL MATERIALS, 1893-1904, undated (bulk dates: 1895-1907)
- C. SUBSERIES III.C: CIVILIAN PERSONNEL MATERIALS, 1804-1968, undated (bulk dates: 1940-1968)
- IV. SERIES IV: RESEARCH AND ENGINEERING DIVISION, 1865-1968, undated (bulk dates: 1866-1968)
 - A. SUBSERIES IV.A: PROGRAM AND CONTROL BRANCH, 1935-1968, undated (bulk dates: 1942-1968)
 - 1. SUB-SUBSERIES IV.A.1: PROJECT CONTROL CONTRACTS, c. 1939-1968, undated (bulk dates: 1950-1965)
 - 2. SUB-SUBSERIES IV.A.2: PROGAMS AND REPORTS, 1935-1966, undated (bulk dates: 1942-1966)
 - B. SUB-SUBSERIES IV.B: SUPPORT RESEARCH BRANCH, 1865-1968, undated (bulk dates: 1911-1967)
 - 1. SUB-SUBSERIES IV.B.1: PHOTO LAB, 1884-1966, undated (bulk dates: 1911-1965)
 - a. SUB-SUB-SUBSERIES IV.B.1.a: PHOTO LAB RECORDS, 1950-1965, undated (bulk dates: 1950-1965)
 - b. SUB-SUB-SUBSERIES IV.B.1.b: PHOTOGRAPHIC REGISTERS, 1913-1964, undated (bulk dates: 1941-1964)
 - c. SUB-SUB-SUBSERIES IV.B.1.c: COPY PORTRAITS OF COMMANDING OFFICERS, undated (bulk dates: undated)
 - d. SUB-SUB-SUBSERIES IV.B.1.d: PHOTOGRAPHIC PRINTS, 1884-1966, undated (bulk dates: 1911-1964)
 - 2. SUB-SUBSERIES IV.B.2: TECHNICAL REPORTS AND REFERENCE MATERIALS, 1865-1967, undated (bulk dates: 1944-1967)
 - 3. SUB-SUBSERIES IV.B.3: WEAPONS AND MANUFACTURERS' REPORTS, 1894-1968, undated (bulk dates: 1944-1965)
 - 4. SUB-SUBSERIES IV.B.4: WEAPONS MANUFACTURERS CARD INDEX, undated (bulk dates: undated)

- C. SUBSERIES IV.C: TEST BRANCH, 1866-1967, undated (bulk dates: 1866-1967)
 - 1. SUB-SUBSERIES IV.C.1: METEOROLOGICAL RECORDS, 1848-1960, undated (bulk dates: 1848-1948)
 - 2. SUB-SUBSERIES IV.C.2: WEAPONS TEST RECORDS, 1869-1967, undated (bulk dates: 1940-1966)
 - 3. SUB-SUBSERIES IV.C.3: BENTON EXPERIMENTS RECORDS, 1866-1870 (bulk dates: 1866-1870)
 - 4. SUB-SUBSERIES IV.C.4: ELLIOTT ANDERSON MATERIALS, 1939-1967, undated (bulk dates: 1961-1967)
- V. SERIES V: QUALITY ASSURANCE DIVISION, 1818-1968, undated (bulk dates: 1951-1968)
- VI. SERIES VI: OPERATIONS DIVISION, 1820-1966, undated (bulk dates: 1940-1966)
 - A. SUBSERIES VI.A: PRODUCTION ENGINEERING BRANCH, 1820-1966, undated (bulk dates: 1940-1966)
 - 1. SUB-SUBSERIES VI.A.1: TOOL ENGINEERING SECTION, 1930-1966 (bulk dates: 1941-1966)
 - a. SUB-SUB-SUBSERIES VI.A.1.a: TOOL DRAWING APERTURE CARDS PROJECT #P73386, 1941-1966, undated (bulk dates: 1941-1966)
 - b. SUB-SUB-SUBSERIES VI.A.1.b: TOOL DRAWING APERTURE CARDS PROJECT #P73387, 1941-1966, undated (bulk dates: 1941-1966)
 - c. SUB-SUB-SUBSERIES VI.A.1.c: TOOL DRAWING APERTURE CARDS PROJECT #P73388, 1941-1966, undated (bulk dates: 1941-1966)
 - d. SUB-SUB-SUBSERIES VI.A.1.d: TOOL DRAWING APERTURE CARDS PROJECT #P73389, 1941-1966, undated (bulk dates: 1941-1966)
 - e. SUB-SUB-SUBSERIES VI.A.1.e: TOOL DRAWING APERTURE CARDS UNIDENTIFIED PROJECT, 1930-1966, undated (bulk dates: 1930-1966)
 - 2. SUB-SUBSERIES VI.A.2: PRODUCTION PROCESSING SECTION, 1820-1966, undated (bulk dates: 1940-1966)
 - B. SUBSERIES VI.B: PRODUCTION PLANNING AND CONTROL BRANCH
 - C. SUBSERIES VI.C: PERSONNEL AND ADMINISTRATIVE SERVICE OFFICE

D. SUBSERIES VI.D: IN-PROCESS INSPECTION BRANCH

VII. SERIES VII: SERVICES DIVISION, 1831-1967, undated (bulk dates: 1834-1967)

- A. SUBSERIES VII.A: INSTALLATION AND FACILITIES BRANCH, 1831-1967, undated (bulk dates: 1930-1967)
- B. SUBSERIES VII.B: PROCUREMENT BRANCH, 1834-1964, undated (bulk dates: 1834-1902)
- C. SUBSERIES VII.C: SUPPLY BRANCH, 1902-1956, undated (bulk dates: 1918-1956)
- D. SUBSERIES VII.D: TRANSPORTATION BRANCH
- VIII. SERIES VIII: INFORMATION OFFICE, c. 1845-1968, undated (bulk dates: 1918-1967)
 - A. SUBSERIES VIII.A: INFORMATION RELEASES, c. 1845-1967, undated (bulk dates: 1944-1967)
 - B. SUBSERIES VIII.B: SPRINGFIELD ARMORY NEWSLETTERS, 1918-c. 1968 (bulk dates: 1918-1919, 1941-1967)
- IX. SERIES IX: LEGAL OFFICE, 1818-1950, undated (bulk dates: 1846-1917)
 - A. SUBSERIES IX.A: PATENTS, 1818-1950, undated (bulk dates: 1846-1917)
 - **B. SUBSERIES IX.B: CONTRACTS**
- X. SERIES X: THE OFFICE OF THE COMMANDING OFFICER, 1840-1968 (bulk dates: 1929-1963)
- XI. SERIES XI: COMPTROLLER AND PROGRAMS OFFICE, 1888-1967, undated (bulk dates: 1935-1967)
 - A. SUBSERIES XI.A: FINANCE AND ACCOUNTING BRANCH, 1888-1967, undated (bulk dates: 1935-1967)
 - B. SUBSERIES XI.B: INTERNAL REVIEW AND EXTERNAL AUDIT BRANCH
- XII. SERIES XII: ASSOCIATED GROUPS, 1866-1868, undated (bulk dates: 1866-1868)
 - A. SUBSERIES XII.A: SPRINGFIELD ARMORY GUARD RECORDS, 1866-1868, undated (bulk dates: 1866-1868)

B. SUBSERIES XII.B: RESERVED FOR FUTURE ADDITIONS TO THE COLLECTION

SERIES DESCRIPTIONS

I. SERIES I: ADMINISTRATION OFFICE, 1795-1969, undated (bulk dates: 1795-1968)

This series is organized into four subseries; Subseries A: Mail and Records Branch; Subseries B: Microfilming and Reproduction Branch; Subseries C: Museum Branch; and Subseries D: Security Branch.

The Administration Office was responsible for the supervision and coordination of administrative services for the Springfield Armory. The Office directed the activities of the Mail and Records Branch, Microfilming and Reproduction Branch, Museum Branch, Security Branch, and Adjutant's Office.

This series contains a wide range of materials relating to the functions of the Administration Office including manuals, orders, deeds, plans, correspondence, materials relating to the functions of the Springfield Armory Museum, and programs, brochures and manuscripts relating to the history of Springfield Armory. Also contains materials related to printing, microfilming and other reproduction tasks.

A. SUBSERIES I.A: MAIL AND RECORDS BRANCH, 1795-1968, undated (bulk dates: 1795-1968)

This subseries is arranged into five sub-subseries: Sub-subseries 1: Technical and Field Manuals; Sub-subseries 2: Orders; Sub-subseries 3: Springfield Armory Lands Records; Sub-subseries 4: Springfield Armory History Records; and Sub-subseries 5: Correspondence.

The Mail and Records Branch was responsible for the administrative support of various activities within Springfield Armory. This included, among other duties, coordinating mail services, maintaining of a publication library of manuals, directives, regulations, and other related materials, and retaining files as central office of record.

This subseries contains manuals, orders, deeds, plans, reports, correspondence, and other material relating to the day-to-day operation of Springfield Armory. Also includes programs, newspaper scrapbooks, manuscripts, and other materials that were retained by the Branch to document the history of the Armory.

1. SUB-SUBSERIES I.A.1: TECHNICAL AND FIELD MANUALS, 1868-1968, undated (bulk dates: 1942-1968)

Arranged numerically by manual number when possible, and alphabetically by title when no manual number is present.

This sub-subseries contains manuals, pamphlets, handbooks, regulations, and bulletins maintained by the Mail and Records Branch as part of their reference library. These materials were issued primarily by the Department of the Army, Department of the Air Force, War Department, and Springfield Armory for the design, engineering, use, operation, and maintenance of various weapons, vehicles, and equipment. Also included are firing tables, quality assurance pamphlets, and inspector training manuals. The bulk of the titles include a manual number that represents the subject of the manual. The full title of each manual is included in the container list.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

2. SUB-SUBSERIES I.A.2: ORDERS, 1828-1967, undated (bulk dates: 1867-1950)

Arranged by order type and thereunder chronologically.

This sub-subseries contains orders, directives, policies, regulations, and rules relating to the day-to-day operations of Springfield Armory. Order types include: administrative, civilian travel, detachment, memorandum, and post. The bulk of the orders are housed in bound volumes organized by year.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

3. SUB-SUBSERIES I.A.3: SPRINGFIELD ARMORY LANDS RECORDS, 1795-1963, undated (bulk dates: 1795-1952)

Arranged by record type, and thereunder chronologically.

This sub-subseries contains agreements, correspondence, deeds, grants, leases, memorandums, plans, reports, surveys, and other materials related to land ownership and usage at Springfield Armory. The bulk of these materials were copied from original deeds by hand in the 1840s in response to disputes over Armory land ownership. Also included is a volume documenting the United States' leases, licenses, reserved rights and reversionary interests at the Armory, and a card file of former folder locations for a portion of the land documents.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

4. SUB-SUBSERIES I.A.4: SPRINGFIELD ARMORY HISTORY RECORDS, 1806-1968, undated (bulk dates: 1874-1968)

Arranged chronologically.

This sub-subseries contains manuscripts, scrapbooks, newspaper articles, correspondence, programs, photographic prints, ephemera, and other materials assembled by the Mail and Records Branch to document the history of Springfield Armory up to its closure in 1968. Also includes copies of Derwent S. Whittlesey's "The Springfield Armory – A Dissertation" and Constance McLaughlin Green's manuscripts for "History of Springfield Armory." Includes a large number of programs and other materials from balls, dinners, concerts, and other events at the Armory, as well as packets of materials related to the phaseout of the Armory in 1968.

Approximately half of the series is made up of scrapbooks containing newspaper clippings about Springfield Armory arranged by date. These scrapbooks have been microfilmed and copied for use, as they are in fragile condition. The microfilm use copy numbers are listed on a sheet inside each scrapbook box.

Oversized materials have been rehoused separately and are included in the container lists. Separations sheets have been placed in their original locations when appropriate.

5. SUB-SUBSERIES I.A.5: CORRESPONDENCE, 1843-1967, undated (bulk dates: 1843-1864)

Arranged chronologically.

This sub-subseries contains correspondence and memoranda related to the day-to-day operation of Springfield Armory. Includes a large number of letters from Ridgway and Rufe regarding bayonets, an envelope signed by Major Dyer, and an envelope bearing the wax seal of the Armory.

B. SUBSERIES I.B: MICROFILMING AND REPRODUCTION BRANCH, 1869-1968, undated (bulk dates: 1957-1968)

Arranged by document type.

The Microfilming and Reproduction Branch coordinated, administered, and implemented the micro-reproduction program at the Armory. The Section operated reproduction equipment to reproduce white prints, reproducible intermediates, and photostats. It produced direct work for printed material including publications, authorized office and shop forms, memoranda, and data by a multilith process. It was the successor to the earlier Print Shop at the Armory. This subseries contains prints, negative prints, original and technical drawings and layouts created and copied under the auspices of the Branch.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

C. SUBSERIES I.C: MUSEUM BRANCH, 1875-1969, undated (bulk dates: 1937-1968)

Arranged by record type.

Following the Civil War the Armory established the Small Arms Museum. The Museum was started with the collection of Superintendent Colonel J.G. Benton (1866-1881) and included a variety of models of small arms, swords, and antique weaponry. Benton began collecting arms for the museum in 1866 and the museum was opened to the public in 1871. The Small Arms Museum, later the Benton Small Arms Museum, operated under the Armory's control until 1968, closing briefly after a 1931 fire and during World War II. The museum continued to collect weapons and related objects through outside acquisition and transfer from Research and Development divisions. Upon the Armory's official deactivation in April1968, Springfield Armory Museum, Inc. (SAM, Inc.) was established as a non-profit. It incorporated the Armory's museum and research collections documenting small arms manufacture and experimentation, and displayed a portion of these arms in the Main Arsenal.

This subseries contains shipping tickets, catalog cards, correspondence, reports of surveys, issue and turn-in slips, record books, brochures, subject files, and other materials related to the operation of the Springfield Armory Museum and the acquisition, maintenance, and exhibition of its collection. Included are documents relating to the loan of collection items to other armories and museums, including Aberdeen Proving Ground, Frankford Arsenal, the Smithsonian, and Rock Island Arsenal, as well as internal transfers and loans. Includes annual inventory lists, as well as documentation on lost or stolen weapons. Also included are visitor registers from 1948-1957. This sub-subseries also documents the creation of presentation weapons for Senator John F. Kennedy and General Mohammed Musa of Pakistan, and weapons used in the National Match. Many of the files were assembled by Thomas Wallace, Curator, and Joseph A. Polcetti, Assistant Curator, and remain intact as subject files with their original titles.

Of note are a large number of Army Catalog cards, in order by the original Army accession number, which document the history, condition, value, identifying marks, and inventory status of items in the Museum collection. There are also hundreds of metal tags formerly attached to items to identify the Army accession number.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

D. SUBSERIES I.D: SECURITY BRANCH

Reserved for future additions to the collection.

II. SERIES II: PLANS AND MANAGEMENT OFFICE, 1921-1966, undated (bulk dates: 1959-1963)

This series is organized into four subseries: Subseries A: Plans Branch; Subseries B: Management Science Branch;

Subseries C: Manpower Branch; and Subseries D: Property Coordination Branch.

The Plans and Management Office was responsible for the staff supervision and implementation of all Management Engineering activities at the Armory, including formulating, receiving, and recommending policies, programs, and methods of operation. The Office conducted management research, feasibility studies, manpower utilization surveys, and the Work Simplification Program in order to ensure the proper management and effective use of all resources at the Armory. Responsibilities also included the supervision and coordination of the Springfield Armory Performance Standards Program, and the Springfield Armory Cost Reduction Program.

This series contains organizational charts that document the organizational hierarchies of Springfield Armory, both overall and within specific divisions.

A. SUBSERIES II.A: PLANS BRANCH (ORGANIZATIONAL CHARTS), 1921-1966, undated (bulk dates: 1959-1963)

Arranged chronologically.

This subseries contains organizational charts for the entire Springfield Armory system as well as specific divisions, such as Research and Development, Inspection, Engineering, and Quality Assurance. Most of the charts are photographic prints.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

B. SUBSERIES II.B: MANAGEMENT SCIENCE BRANCH

Reserved for future additions to the collection.

C. SUBSERIES II.C: MANPOWER BRANCH

Reserved for future additions to the collection.

D. SUBSERIES II.D: PROPERTY COORDINATION BRANCH

Reserved for future additions to the collection.

III. SERIES III: PERSONNEL AND TRAINING OFFICE, 1804-1968, undated (bulk dates: 1895-1968)

This series is organized into three subseries: Subseries A: Directories; Subseries B: Military Personnel Materials; and Subseries C: Civilian Personnel Materials.

The Personnel and Training Office was responsible for supervising and administering all phases of a comprehensive personnel program designed to recruit, compensate, train, develop, utilize, and retain a qualified and efficient workforce at the Armory. It was also

responsible for the development and administration of local civilian personnel policies and programs. The Office was in charge of dissemination of all information and publications pertaining to personnel matters, including manuals, policies, regulations, and announcements.

This series contains directories, service papers, index cards, handbooks, payrolls, forms, employee lists, information packets, and other materials related to the management of the civilian and military workforce at Springfield Armory.

A. SUBSERIES III.A: DIRECTORIES, 1939-1968, undated (bulk dates: 1952-1968)

Arranged chronologically.

This series contains telephone directories and supplemental directories of Springfield Armory offices and employees from 1942-1968. Also includes Ordnance Corps and Washington extensions directories.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

B. SUBSERIES III.B: MILITARY PERSONNEL MATERIALS, 1893-1904, undated (bulk dates: 1895-1907)

Arranged chronologically.

The series contains lists, papers, certificates, and index card rosters relating to military personnel who were stationed at the Armory.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

C. SUBSERIES III.C: CIVILIAN PERSONNEL MATERIALS, 1804-1968, undated (bulk dates: 1940-1968)

Arranged chronologically.

This subseries contains payrolls, handbooks, manuals, regulations, announcements, receipts, pamphlets, reports, memoranda, lists, and newsletters relating to the recruitment, hiring, training, development, compensation, and evaluation of the Armory's civilian personnel. Some documents, such as payroll and tax receipts, time books, and identification cards include personal information of Armory employees. Of note are a set of index cards recording the classification, title, name, and pay rate of civilian employees, including many Women Ordnance Workers (WOWs). This subseries contains a number of documents given to employees in anticipation of the phase-out of Springfield Armory, including offers of transfer to Rock Island Arsenal and retirement information.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

IV. SERIES IV: RESEARCH AND ENGINEERING DIVISION, 1865-1968, undated (bulk dates: 1866-1968)

This series is organized into three subseries: Subseries A: Program and Control Branch; Subseries B: Support Research Branch; and Subseries C: Test Branch.

The Research and Engineering Division was responsible for planning, coordinating, directing, and reviewing all phases of the research, development, industrial engineering, design, and maintenance engineering programs and activities for small arms systems, subsystems, major items and secondary items. It ensured the effective utilization of facilities, procedures, and personnel through reviews of objectives and activities, and by issuing instructions. The Division was responsible for overseeing a number of offices and branches including the Program and Control Branch, Support Research Branch, and Test Branch.

This series contains reports, correspondence, photographic prints, charts, registers, ledgers, studies, specifications and other materials relating to the work of the Research and Engineering Division.

A. SUBSERIES IV.A: PROGRAM AND CONTROL BRANCH, 1935-1968, undated (bulk dates: 1942-1968)

This series is organized into two sub-subseries: Sub-subseries 1: Project Control Contracts; and Sub-subseries 2: Programs and Reports.

The Program and Control Branch carried out a project management role by planning, coordinating, and directing all phases of effort, internal or external, required in the execution of each Research and Engineering project. By determining the degree of participation of the Research and Engineering Division's branches, it provided for the integration of tasks related to research, development, quality assurance, engineering, packaging, standardization, specifications, and prototype fabrication. These tasks included determining or interpreting the objectives of all Research and Engineering programs, scheduling, providing directions, creating budgets and cost estimates, monitoring technical data, compiling and disseminating progress reports, and providing technical assistance and direction for all contracts. The Branch acted as liaison within and outside of the Armory by representing the Division or Amory at meetings, conferences, presentations, and in program discussions. It was also responsible for forecasting project accomplishment and effective execution.

This subseries contains reports, technical notes, correspondence, meeting minutes, proposals, manuals, specifications, illustrations for presentations, and studies relating to project management in the Research and Engineering Division.

1. SUB-SUBSERIES IV.A.1: PROJECT CONTROL CONTRACTS, c. 1939-1968, undated (bulk dates: 1950-1965)

Arranged alphabetically by project.

This sub-subseries contains reports, technical notes, correspondence, meeting minutes, proposals, lists, manuals, specifications, and studies relating to Research and Engineering contracts. These contracts were held by external vendors in the private sector and document the development, evaluation, fabrication, production, and use of weapons and technology for Springfield Amory. The bulk of the material was produced by vendors and submitted over the course of contracted projects to the Armory.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

2. SUB-SUBSERIES IV.A.2: PROGAMS AND REPORTS, 1935-1966, undated (bulk dates: 1942-1966)

Arranged chronologically.

This sub-subseries contains reports, meeting minutes, transcripts, photo files, presentation slides, lists, and memoranda used in representing the work of Research and Engineering Division. Most of these materials were used to present the work of the Division at meetings, conferences, and in program discussions, both internal and external. Of note are files recording the technical responsibility of particular programs at the Armory, and cost estimates for various Research and Engineering projects.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

B. SUB-SUBSERIES IV.B: SUPPORT RESEARCH BRANCH, 1865-1968, undated (bulk dates: 1911-1967)

This subseries is organized into four sub-subseries: Sub-subseries 1: Photo Lab; Subsubseries 2: Technical Reports and Reference Materials; Sub-subseries 3: Weapons and Manufacturers' Reports; and Sub-subseries 4: Weapons Manufacturers Card Index.

The Support Research Branch was responsible for acquiring, evaluating, formulating, investigating, and disseminating scientific processes and their application in regards to the design, development, manufacture, operation, and testing of small caliber weapons systems. Significantly, it was responsible for the study, analysis, and preparation of new and future weapons concepts or projects. The Branch was responsible for formulating policies and procedures for the control, direction, and coordination of the Branch sections and reviewed the objectives of the Branch to assure effective utilization.

This subseries contains reports, brochures, charts, articles, project supporting papers, photographs, registers, and other materials maintained by the Support Research Branch as reference and support for the formulation of Armory Research and Engineering projects. A large portion of the material relates to the function and output of the Photo Lab.

1. SUB-SUBSERIES IV.B.1: PHOTO LAB, 1884-1966, undated (bulk dates: 1911-1965)

This sub-subseries is organized into four sub-sub-subseries; Sub-sub-subseries a: Photo Lab Records; Sub-sub-subseries b: Photographic Registers; Sub-sub-subseries c: Copy Portraits of Commanding Officers; and Sub-sub-subseries d: Photographic Prints.

The Photo Lab operated and maintained processing facilities for black and white and color photography, providing studio and field photographs in support of the work at Springfield Armory. It also initiated and conducted research programs in engineering photo analysis, operated and maintained cameras and related equipment, and analyzed and evaluated photographic film records. It also kept abreast of technological advances in the field of photography.

This sub-subseries contains work requests, brochures, manuals, photographic registers, and photographic prints documenting the day-to-day operations and output of the Photo Lab.

a. SUB-SUB-SUBSERIES IV.B.1.a: PHOTO LAB RECORDS, 1950-1965, undated (bulk dates: 1950-1965)

Arranged chronologically.

This sub-subseries contains work orders, regulations, correspondence, memoranda, pamphlets, and classifications pertaining to the day-to-day operations of the Photo Lab. The records document the regulations, internal and external, pertaining to the facilities for processing black and white and color photographs. Also contained are the classifications used by the Photo Lab when providing studio and field photographs in support of the scientific, industrial, training, and public relations efforts at the Armory.

b. SUB-SUB-SUBSERIES IV.B.1.b: PHOTOGRAPHIC REGISTERS, 1913-1964, undated (bulk dates: 1941-1964)

Arranged chronologically, and index card boxes are arranged by subject.

This sub-subseries contains index cards and negative, slide, and film registers documenting the black and white and color photography completed by the Photo Lab. The registers were used to analyze, evaluate, utilize, and organize negatives, slides, and film in the Photo Lab. The registers include detailed information about

each photograph including subject, date, time, film and negative or serial number. The index cards are organized by subject of the photograph and also include similar detailed information.

c. SUB-SUB-SUBSERIES IV.B.1.c: COPY PORTRAITS OF COMMANDING OFFICERS, undated (bulk dates: undated)

Arranged chronologically by Commanding Officer or Superintendent's date of service.

This sub-subseries contains photographic prints and lists of Commanding Officers of Springfield Armory. The photographs are facial portraits of many of the Commanding Officers throughout the Armory's history. The early portraits are photographic reproductions of drawings. The lists include detailed information regarding each of the Officers pictured including dates of service at the Armory.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

d. SUB-SUB-SUBSERIES IV.B.1.d: PHOTOGRAPHIC PRINTS, 1884-1966, undated (bulk dates: 1911-1964)

Arranged by negative number when possible, and by subject when no negative number is present.

This sub-subseries contains photographic prints and photo albums documenting the scientific, industrial, training, and public relations efforts of the Armory. The prints document the buildings and grounds, events, and people of the Amory. Also contained are prints related to the development, manufacture, testing, and use of Armory weapons. When possible the prints are organized by Photo Lab assigned negative number, but if no negative number is present the prints were organized into the following subject categories: Buildings and Grounds, Events and Visitors, Group Portraits, Manufacturing, Museum Exhibits and Displays, Portraits, Testing, and Weapons. The photo albums primarily contain prints of Works Progress Administration (WPA) projects at the Armory, parade floats, and museum exhibits. One photo album contains French photographs of the Hotchkiss Rifle.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

2. SUB-SUBSERIES IV.B.2: TECHNICAL REPORTS AND REFERENCE MATERIALS, 1865-1967, undated (bulk dates: 1944-1967)

Arranged by record type and chronologically thereunder.

This sub-subseries contains reports, articles, fact sheets, charts, project supporting papers, development histories, articles, and other materials that were maintained by the Support Research Branch as a reference library for the Research and Engineering Division. The majority of the material was not produced by the Armory, and covers a wide range of weapons, ammunition, manufacturers, development and testing programs, and other subjects. Also includes material related to the history of weapons and weapons production.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

3. SUB-SUBSERIES IV.B.3: WEAPONS AND MANUFACTURERS' REPORTS, 1894-1968, undated (bulk dates: 1944-1965)

Arranged alphabetically by manufacturer.

This sub-subseries contains reports, brochures, manuals, fact sheets, and handbooks produced by non-Springfield Armory weapons manufacturers. These were collected by the Support Research Branch as reference materials. These materials were produced primarily for promotional purposes, rather than as operational manuals or technical reports. A large number of the materials are in German or French, and come from manufacturers such as Hispano Suiza, Oerlikon, and Mauser.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

4. SUB-SUBSERIES IV.B.4: WEAPONS MANUFACTURERS CARD INDEX, undated (bulk dates: undated)

Arranged alphabetically by manufacturer.

This sub-subseries contains index cards with the contact information of early weapons manufacturers, both individuals and corporations, arranged in alphabetical order. Includes dates of operation and manufacturing specializations.

C. SUBSERIES IV.C: TEST BRANCH, 1866-1967, undated (bulk dates: 1866-1967)

This subseries is organized into four sub-subseries: Sub-subseries 1: Meteorological Records; Sub-subseries 2: Weapons Test Records; Sub-subseries 3: Benton Experiments Records; and Sub-subseries 4: Elliott Anderson Materials.

The Test Branch was responsible for planning, conducting, and reporting on development, engineering, and acceptance testing for aircraft and ground weapons systems, and small arms weapons. These tests were conducted to determine structural,

electrical, and physical properties, as well as safety attributes and functionality under a variety of environmental conditions. In order to fulfill its responsibilities the Branch designed testing equipment and devices. The Branch maintained all records pertaining to testing, including charts, correspondence, firing records, gun books, notes, photographic prints, procedures, reports, ledgers of experiments, and meteorological registers.

1. SUB-SUBSERIES IV.C.1: METEOROLOGICAL RECORDS, 1848-1960, undated (bulk dates: 1848-1948)

Arranged chronologically.

The Armory was a site for cooperative weather observations for the United States Department of Commerce Weather Bureau. The Test Branch documented and tracked the day-to-day meteorological conditions and patterns through observations recorded in registers and diaries. This data was essential to planning, directing, and conducting the development and engineering testing of weapons in order to examine safety features and functionality under diverse environmental conditions.

This sub-subseries contains registers, diaries, reports, scrapbooks, and awards related to the collection of meteorological data at Springfield Armory. The majority of the material is compiled in bound volumes.

2. SUB-SUBSERIES IV.C.2: WEAPONS TEST RECORDS, 1869-1967, undated (bulk dates: 1940-1966)

Arranged by record type and chronologically thereunder.

This sub-subseries contains charts, correspondence, firing records, gun books, notes, photographic prints, instructions, procedures, and reports relating to the development, engineering, and acceptance testing conducted at Springfield Armory on experimental small arms weapons, as well as aircraft and ground weapons systems. The material also documents the designs of testing equipment and devices. Of note is a copy of the 1931 deposition given by John C. Garand regarding the alleged malfunctioning of the Garand Semi-Automatic Rifle, Caliber .30, T1E1 at Aberdeen Proving Ground, and a clip ejector and clip latch provided as related exhibits.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

3. SUB-SUBSERIES IV.C.3: BENTON EXPERIMENTS RECORDS, 1866-1870 (bulk dates: 1866-1870)

Arranged chronologically.

This sub-subseries contains a ledger created by Colonel James G. Benton to document experimentation on various models of guns between 1866 and 1870.

Colonel Benton served as the Commanding Officer at Springfield Armory from 1866 to 1881. The ledgers have been photocopied and microfilmed for use.

4. SUB-SUBSERIES IV.C.4: ELLIOTT ANDERSON MATERIALS, 1939-1967, undated (bulk dates: 1961-1967)

Arranged alphabetically.

This sub-subseries contains charts, brochures, correspondence, memoranda, manuals, receipts, reports, subject files, and other material from the personal files of Elliott Anderson, an Ordnance Engineer in the Test Branch. The material documents the day-to-day operations and activities of the Test Branch. Of note are research and engineering test files for the Cal. 224 S.I Rifle and M14 Rifle.

V. SERIES V: QUALITY ASSURANCE DIVISION, 1818-1968, undated (bulk dates: 1951-1968)

Arranged chronologically.

The Quality Assurance Division was responsible for ensuring that the services and supplies being procured or manufactured by Springfield Amory complied with applicable standards and that the materiel, as designed, would function adequately. As a part of this function it designed the methods, test procedures, and equipment for inspection and planned, directed, and coordinated the training, inspection engineering, and metrology. This series contains reports, lists, memoranda, inspector listings, and other material relating to the functions of the Quality Assurance Division.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

VI. SERIES VI: OPERATIONS DIVISION, 1820-1966, undated (bulk dates: 1940-1966)

This series is organized into four subseries: Subseries A: Production Engineering Branch; Subseries B: Production Planning and Control Branch; Subseries C: Personnel and Administrative Service Office; and Subseries D: In-Process Inspection Branch.

The Operations Division was responsible for the production engineering, planning, scheduling, pilot manufacture and rebuild of weapons, and rehabilitation of machinery pertaining to its assigned missions. The Division controlled the operation of its activities by formulating policies and procedures, reviewing objectives, and directing and coordinating the activities of staff. It also reviewed and analyzed the Division operating budget requirements, costs, and expenditures.

This series contains aperture cards, reports, lists of weapons, technical drawings, production graphs, regulations, charts, fabrication statements, inventories, and requisitions related to production and manufacturing at the Armory.

A. SUBSERIES VI.A: PRODUCTION ENGINEERING BRANCH, 1820-1966, undated (bulk dates: 1940-1966)

This subseries is organized into two sub-subseries; Sub-subseries 1: Tool Engineering Section; and Sub-subseries 2: Production Processing Section.

The Production Engineering Branch was responsible for processing techniques, tool engineering, plant layout, and engineering activities as related to the pilot manufacturing operations. The Branch prepared cost estimates, analyzed and studied new component or end item designs, advised on production programs, and developed processes for production. It was also responsible for the engineering and design of all tools needed for manufacturing, and laying out machinery and equipment in the production line for each project. The Branch also maintained files of process, tooling, and equipment drawings and distributed them as necessary.

This subseries contains aperture cards, reports, lists of weapons, technical drawings, production graphs, regulations, charts, fabrication statements, inventories, and requisitions related to production and manufacturing at the Armory.

1. SUB-SUBSERIES VI.A.1: TOOL ENGINEERING SECTION, 1930-1966 (bulk dates: 1941-1966)

This sub-subseries is organized into five sub-sub-subseries: Sub-sub-subseries a: Tool Drawing Aperture Cards Project #P73386; Sub-sub-subseries b: Tool Drawing Aperture Cards Project #P73387; Sub-sub-subseries c: Tool Drawing Aperture Cards Project #P73388; Sub-sub-subseries d: Tool Drawing Aperture Cards Project #P73389; and Sub-sub-subseries e: Tool Drawing Aperture Cards Unidentified Project.

The Tool Engineering Section was responsible for designing and developing tooling, special manufacturing, and manufacturing gages required for the production of small arms weapons in accordance with applicable process sheets and component drawings. It maintained tool and gage drawings keeping them current and legible, as well as redrawing and revising them as needed. This sub-subseries contains hundreds of thousands of tool-drawing aperture cards and associated index card files created by the Tool Engineering Section.

a. SUB-SUB-SUBSERIES VI.A.1.a: TOOL DRAWING APERTURE CARDS PROJECT #P73386, 1941-1966, undated (bulk dates: 1941-1966)

Arranged numerically by drawing number, but some cards have non-numerical codes listed before the drawing number that are not factored into the arrangement.

This sub-subseries contains tool, jig, and fixture drawing aperture cards created and maintained by the Tool Engineering Section. The boxes in this sub-

sub-subseries were marked with the number P73386. The aperture cards include the following information: drawing number, drawing size, sheet number, date, title, revision number, and a microfilm negative of the drawing. The data on the cards was both type-written and punched in machine-readable code. The bulk of the cards in this sub-sub-subseries include handwritten titles such as "50 BMG M2," "30 BAR M18," "30 Cal Carb," "Savage Arms," "J.S. Richardson," and "Frigidaire." The drawing numbers in this sub-sub-subseries continue in sub-sub-subseries VI.A.1.d (#P73389).

b. SUB-SUB-SUBSERIES VI.A.1.b: TOOL DRAWING APERTURE CARDS PROJECT #P73387, 1941-1966, undated (bulk dates: 1941-1966)

Arranged by major item code and thereunder numerically by drawing number.

This sub-subseries contains tool, jig, and fixture drawing aperture cards and associated index card files created and maintained by the Tool Engineering Section. The boxes in this sub-sub-subseries were marked with the number P73387. The aperture cards include the following information drawing number, drawing size, sheet number, date, title, revision number, and a microfilm negative of the drawing. The data on the cards was both type-written and punched in machine-readable code.

The cards have been rearranged according to major item code as found on the associated index cards and individually sleeved. The major item code is sometimes included in the title field of the aperture card. The major item codes consist of three digits. In the item level catalog records, these are represented strictly numerically, such as "000," "100," "125." In the actual boxes, however, the cards are divided into smaller sections, labeled "0001" "0002", etc. but this is not reflected in the item level catalog records, and the smaller divisions are not consistent. Starting in Box 29, there are no longer individual sleeves, and the cards are divided by the name of the items with original tabs, such as "30 BAR M18 A2." The formatting of the numbers looks slightly different, so it is possible that there are not index cards for these cards and they could not be rearranged in the same manner as the previous 28 boxes.

c. SUB-SUB-SUBSERIES VI.A.1.c: TOOL DRAWING APERTURE CARDS PROJECT #P73388, 1941-1966, undated (bulk dates: 1941-1966)

Arranged by major item code and thereunder numerically by drawing number.

This sub-subseries contains tool, jig, and fixture drawing aperture cards and associated index card files created and maintained by the Tool Engineering Section. The boxes in this sub-sub-subseries were marked with the number P73388. The aperture cards include the following information: drawing number, drawing size, sheet number, date, title, revision number, and a microfilm negative

of the drawing. The data on the cards was both type-written and punched in machine-readable code.

The cards have been rearranged according to major item code as found on the associated index cards and individually sleeved. The major item code is sometimes included in the title field of the aperture card. The major item codes consist of three digits. In the item level catalog records, these are represented strictly numerically, such as "000," "100," "125." In the actual boxes, however, the cards are divided into smaller sections, labeled "0001" "0002", etc. but this is not reflected in the item level catalog records, and the smaller divisions are not consistent. Starting in Box 27, there are no longer individual sleeves, and the cards are divided by the name of the items with original tabs, all of which are number codes. Boxes 27-32 have numbered tabs and boxes 33-37 have handwritten major item code tab divisions. The formatting of the numbers looks slightly different, so it is possible that there are not index cards for these cards and they could not be rearranged in the same manner as the previous 26 boxes.

d. SUB-SUB-SUBSERIES VI.A.1.d: TOOL DRAWING APERTURE CARDS PROJECT #P73389, 1941-1966, undated (bulk dates: 1941-1966)

Arranged numerically by drawing number, but some cards have non-numerical codes listed before the drawing number that are not factored into the arrangement.

This sub-subseries contains tool, jig, and fixture drawing aperture cards created and maintained by the Tool Engineering Section. The boxes in this sub-sub-subseries were marked with the number P73389. The aperture cards include the following information: drawing number, drawing size, sheet number, date, title, revision number, and a microfilm negative of the drawing. The data on the cards was both type-written and punched in machine-readable code. The bulk of the cards in this sub-sub-subseries include handwritten titles such as "50 BMG M2," "30 BAR M18," "30 Cal Carb," "Savage Arms," "J.S. Richardson," and "Frigidaire." The drawing numbers in this sub-sub-subseries are continued from sub-sub-subseries VI.A.1.a (#P73386).

e. SUB-SUB-SUBSERIES VI.A.1.e: TOOL DRAWING APERTURE CARDS UNIDENTIFIED PROJECT, 1930-1966, undated (bulk dates: 1930-1966)

Arranged numerically by drawing number.

This sub-subseries contains tool-drawing aperture cards created and maintained by the Tool Engineering Section. The boxes in this sub-sub-subseries were not identified by a project number. The aperture cards include the following information: drawing number, drawing size, sheet number, date, title, revision number, and a microfilm negative of the drawing. The data on the cards was both type-written and punched in machine-readable code. 2. SUB-SUBSERIES VI.A.2: PRODUCTION PROCESSING SECTION, 1820-1966, undated (bulk dates: 1940-1966)

Arranged chronologically.

The Production Processing Section was responsible for studying new components of end item designs, establishing processes for manufacture of weapons and components, determining machine tools and equipment to be used in manufacture, developing processing techniques, and reviewing manufacturing processes for suitability for production requirements. The Section also prepared and maintained process drawings and initiated changes to drawings.

This sub-subseries contains reports, lists of weapons, production graphs, regulations, charts, fabrication statements, inventories, requisitions, and technical specifications related to the production processes at Springfield Armory. Includes technical drawings of weapons and components manufactured at the Armory. Of note are production instructions for a variety of weapons, and information on component parts and their prices.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

B. SUBSERIES VI.B: PRODUCTION PLANNING AND CONTROL BRANCH

Reserved for future additions to the collection.

C. SUBSERIES VI.C: PERSONNEL AND ADMINISTRATIVE SERVICE OFFICE

Reserved for future additions to the collection.

D. SUBSERIES VI.D: IN-PROCESS INSPECTION BRANCH

Reserved for future additions to the collection.

VII. SERIES VII: SERVICES DIVISION, 1831-1967, undated (bulk dates: 1834-1967)

This series is organized into four subseries: Subseries A: Installation and Facilities Branch; Subseries B: Procurement Branch; Subseries C: Supply Branch; and Subseries D: Transportation Branch.

The Services Division administered the Installation and Facilities Branch, Procurement Branch, Supply Branch, and Transportation Branch. These branches were responsible for property at Springfield Armory, including the management of real property, and acquiring and handling supplies needed for manufacturing. The Division also oversaw the management of transportation at the Armory, including traffic and parking. This series contains plans, contracts, correspondence, historical records, reports, specifications, memoranda, and other materials related to the management of property and transportation at the Armory.

A. SUBSERIES VII.A: INSTALLATION AND FACILITIES BRANCH, 1831-1967, undated (bulk dates: 1930-1967)

Arranged by record type, and thereunder chronologically.

The Installation and Facilities Branch was responsible for the administration, management, operation, design, and construction of all real property and utility plants and systems at Springfield Armory. The Branch undertook the construction, modification, maintenance, repair, and improvement of real property and utility plants and systems, and provided studies, designs, plans, data, and specifications to ensure the technical sufficiency of these projects. It was also in charge of administering space requirements at the Armory and allocating necessary space to divisions and offices.

This subseries contains plans, contracts, historical records, manuals, reports, specifications, and other materials related to the construction, use, and maintenance of buildings and other structures at the Armory, as well as information on utility systems. Of note are a large number of files on building improvements including elevators, air conditioning, and utilities in the 1940s, 1950s, and 1960s, and information on repurposing existing Armory buildings. Also includes specifications for building testing facilities on Armory grounds, and information on fire suppression systems. This subseries also contains Historical Record forms from 1930-1942, which document the status, value, dimensions, utility connections, and other statistics for all Armory land, land improvements, and buildings.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

Note: there are a large number of photographs of Armory buildings and grounds in Series IV.B.1.d: Photographic Prints.

B. SUBSERIES VII.B: PROCUREMENT BRANCH, 1834-1964, undated (bulk dates: 1834-1902)

Arranged chronologically.

The Procurement Branch was responsible for the planning and execution of the acquisition of all materials and services required by the Armory, including the delivery of procured items. It served as the principle point of contact for outside vendors. This subseries contains correspondence, requisitions for stock and stores, index cards with vendor information, notes, historical summaries, and manuals relating to the procurement of supplies and services for the Armory.

C. SUBSERIES VII.C: SUPPLY BRANCH, 1902-1956, undated (bulk dates: 1918-1956)

Arranged chronologically.

The Supply Branch was responsible for the effective and efficient management of all Springfield Armory property. It developed and implemented procedures and methods of inventory, receiving, handling, utilization, storage, issue, preservation, and disposal of materials. This subseries contains reports, reference books, memoranda, inventories, and files related to the work of the Supply Branch.

D. SUBSERIES VII.D: TRANSPORTATION BRANCH

Reserved for future additions to the collection.

VIII. SERIES VIII: INFORMATION OFFICE, c. 1845-1968, undated (bulk dates: 1918-1967)

This series is organized into two subseries; Subseries A: Information Releases; and Subseries B: Springfield Armory Newsletters.

The Information Office was responsible for planning, developing, and administering the information and public relations program of the Springfield Armory. The Office's responsibilities included liaising with and addressing the public, coordinating special events such as Armed Forces Week, and developing and distributing informational programs. It acted as a representative for the Armory and Commanding Officer at community gatherings and education programs, and maintained contact with newspaper editors, reporters, educational institutions, and the like.

The Office also created, edited, and adapted news releases, articles, editorials, and promotional materials regarding Armory activities, and cleared technical articles for national publication. It developed promotional material for the Armory, and administered publication of the Armory's various employee newsletters: "the Armorer," "the Springfield Armorer," and "the Armory News."

This series contains information releases, newspaper clippings, drafts of publications, information packets, pamphlets, correspondence and other materials regarding the public relations and promotion efforts of the Information Office. Also included are Armory employee newsletters.

A. SUBSERIES VIII.A: INFORMATION RELEASES, c. 1845-1967, undated (bulk dates: 1944-1967)

Arranged chronologically.

This subseries contains information releases, newspaper clippings, drafts of publications, information packets, pamphlets, and correspondence regarding public relations and the

promotion of Springfield Armory events and objectives. Of note are draft layout copies of publications on Small Arms Ordnance, the Research and Engineering Division, and the future of Springfield Armory. This subseries also includes promotional brochures about the Armory, and informational packets given away to visitors and event participants.

B. SUBSERIES VIII.B: SPRINGFIELD ARMORY NEWSLETTERS, 1918-c. 1968 (bulk dates: 1918-1919, 1941-1967)

Arranged alphabetically by title, and thereunder chronologically.

This subseries contains copies of Springfield Armory's employee newsletters: "the Armorer," "the Springfield Armorer," and "the Armory News." "The Armorer" was published in 1918, and again from approximately 1955 to its final issue in September 1967. "The Springfield Armorer" appeared from 1918 to 1919, and "the Armory News" was published from September 1941 through August 1943. These newsletters were intended for Armory employees, and contain articles on Armory events, advice columns, opinion pieces, personal announcements, cartoons, and other entertainment pieces. Some of the newsletters are bound in volumes, and the newsletters vary in size throughout the years.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

IX. SERIES IX: LEGAL OFFICE, 1818-1950, undated (bulk dates: 1846-1917)

This series is organized into two subseries; Subseries A: Patents; and Subseries B: Contracts.

The Legal Office served as the general counsel for the Commanding Officer and all of the operating Divisions and Offices of the Amory. Its responsibilities included providing legal advice and opinions related to purchasing, contracts, labor relations, and potential legislative actions, collecting related supplemental information, and preparation of documentary evidence. The Office primarily focused on intellectual property law and provided legal advice pertaining to patents, copyrights, and royalties and maintained a patent library to assist in novelty and infringement searches. It also prepared patent applications arising out of research and development at the Springfield Armory and other designated arsenals, and reviewed the research and development activities for possible new patents or infringement of existing patents. This series contains copies and certifications of patents, receipts, correspondence, memoranda, and technical drawings related to the work of the Legal Office.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

A. SUBSERIES IX.A: PATENTS, 1818-1950, undated (bulk dates: 1846-1917)

Arranged chronologically.

This subseries contains copies and certifications of patents, receipts, correspondence, memoranda, and technical drawings related to the intellectual property work of the Legal Office. These documents were created and maintained by the Legal Office to supplement their work on patents, copyrights, and royalties, and to assist in novelty and infringement searches. These materials were also used in the preparation of new patents and the prosecution of patent infringements.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

B. SUBSERIES IX.B: CONTRACTS

Reserved for future additions to the collection.

X. SERIES X: THE OFFICE OF THE COMMANDING OFFICER, 1840-1968 (bulk dates: 1929-1963)

Arranged chronologically.

The Office of the Commanding Officer was responsible for supporting the Commanding Officer's work at the Springfield Armory. It ensured the efficient and economical operation of the Armory, making Armory-wide policies, interpreting and applying the policies of the Army Weapons Command and Army Materiel Command, and selecting or changing the status or assignment of Heads of major elements of Amory. The Office also corresponded with and reported to important persons, including high government officials and representative of foreign governments. This series contains correspondence, memoranda, speeches, reports, subject files, and invitations created or received by the Office of the Commanding Officer. Of note are a telegram from Senator John F. Kennedy to Col. C.L.P. Medinnis regarding Armed Forces Week in 1960, and information regarding the phaseout of the Armory, including reports and official invitations to the Closing Ceremonies in 1968.

Oversized materials have been rehoused separately and are included in the container list. Separation sheets have been placed in their original locations when appropriate.

XI. SERIES XI: COMPTROLLER AND PROGRAMS OFFICE, 1888-1967, undated (bulk dates: 1935-1967)

This series is arranged into two subseries; Subseries A: Finance and Accounting Brach; and Subseries B: Internal Review and External Audit Branch.

The Comptroller and Programs Office was responsible to the Commanding Officer and other operating officials for the financial management of the installation through the continuous analysis and appraisal of the Armory's programs, operations, and financial, manpower, and material resources. The Office coordinated the budgets covering Armory activities, supervised general accounting, cost accounting, cost analysis, and property accounting. All

stages of the military and civilian payroll also fell under the purview of the Comptroller and Programs Office.

This series contains actual cost studies, cost statements, total expenditures, and ledgers related to financial management of the Springfield Armory.

A. SUBSERIES XI.A: FINANCE AND ACCOUNTING BRANCH, 1888-1967, undated (bulk dates: 1935-1967)

Arranged chronologically.

The Finance and Accounting Branch was responsible for developing and recommending policies, plans, and procedures for accounting and financial management at the Armory. It provided financial data and advice, detailed accounting statements, and controlled all government funds. The Branch also summarized data in order to provide financial statements to the Comptroller and Programs Office and other offices.

This subseries contains actual cost studies, cost statements, total expenditures, and ledgers related to financial management of the Springfield Armory.

B. SUBSERIES XI.B: INTERNAL REVIEW AND EXTERNAL AUDIT BRANCH

Reserved for future additions to the collection.

XII. SERIES XII: ASSOCIATED GROUPS, 1866-1868, undated (bulk dates: 1866-1868)

This series is organized into two subseries; Subseries A: Springfield Armory Guard Records; and Subseries B: Reserved for Future Additions to the Collection.

Springfield Armory was home to many employee groups, clubs, and organizations, including the Springfield Armory Guard. Some performed official functions, while others were focused on recreational activities.

This series contains by-laws, minutes, correspondence, resolutions, and other materials related to employee organizations at the Armory.

A. SUBSERIES XII.A: SPRINGFIELD ARMORY GUARD RECORDS, 1866-1868, undated (bulk dates: 1866-1868)

Arranged by record type and thereunder chronologically.

The Armory Guard was created at Springfield Armory in 1866 by Colonel J.G. Benton. The Guard was a military company responsible for the protection of the Post and government property, under the control of the Commanding Officer. The Armory Guard also assembled in instances of fire, participated in parades and memorial events, and threw clam bakes, dances, and other events at the Armory. The group consisted of a 1st Captain, 2nd Captain, 1st Lieutenant, 2nd Lieutenant, five Sergeants, four Corporals, and no more than 88 Privates. Candidates were admitted to the Guard via committee, and the Guard also appointed honorary members. The members of the Armory Guard were required to be employed at the Armory or Water Shops, and their weapons and other accoutrements were supplied by the government. The members were required to provide their uniforms at their expense.

This subseries contains by-laws, correspondence, minutes, resolutions, and other materials related to the operation of the Springfield Armory Guard.

B. SUBSERIES XII.B: RESERVED FOR FUTURE ADDITIONS TO THE COLLECTION

Reserved for future additions to the collection.

CONTAINER LIST

Series I.A.1, Box 001: Technical and Field Manuals

File 01: No. 52-1-1 – U.S. Army Ordnance Department Specification – Rifle, U.S., Caliber .30, Model of 1903, February 9, 1923

File 02: No. 310-3 – Military Publications – Index of Training Publications, September 1958 File 03: No. 672-5-2 – Army Regulations – Decorations and Awards – Illustrations of Awards, October 1961

File 04: 850 – List of War Department Pamphlets on Military Training – Prepared in the War Plans Divisions, General Staff, February 1920

File 05: 898 (Addendum to) – Adaptation of Release Mechanism Mark V to Carry Fragmentation Drop Bombs Mark II-B or Chanard Incendiary Drop Bombs, October 1919 File 06: 1005-231-10 – Operating and Maintenance Manual – Caliber .50 Machine Gun M85

(Fixed), June 1963

File 07: 1055 – Elementary Electricity – Training Pamphlet No. 1 (Third Edition), January 1921 File 08: 1070 – Service Handbook of Machines, Tools, etc. and Allowance of Supplies Issued to

Ordnance Repair Shops and List of Tools for Engineer Power Plant Repairs, June 1921

File 09: 1074 – Service Handbook of the 155-mm. Gun Motor Carriage Model of 1920, April 1920

File 10: 1078 – Service Handbook of the "Caterpillar" Adapters for the 8-Inch Howitzer Carriages Marks VI and VII and 155-mm Gun Carriages Model of 1918 (Filloux), August 1921 File 11: 1082 – Service Handbook of the Panoramic Sight Model of 1917, January 1922

File 12: 1085 – Service Handbook of the Sighting Telescope No. 4, Marks I, II, and III (British), January 1922

File 13: 1086 – Service Handbook of the Sight Clinometers – Mark II (U.S) and Mark III (British), January 1922

File 14: 1087 – Service Handbook of the Tripod, Type A, January 1922

File 15: 1089 – Service Handbook of the Dial Sight No. 1, Mark II – (United States and British), January 1922

File 16: 1100 – Service Handbook of the Pressure Gauge Outfits for Determining Pressures in Cannon, April 1922

File 17: 1102 – Service Handbook of the Horizontal Distance Altimeter Model of 1917 – Battery Commander's Station Instrument and Distant Station Instrument, April 1922 File 18: 1104 – Service Handbook of the Speed Computer – Models 1917 and 1917 M1, April

File 18: 1104 – Service Handbook of the Speed Computer – Models 1917 and 1917 M1, April 1922

File 19: 1110 – Service Handbook of the Artillery Cart, Model of 1918 and the Artillery Reel, Model of 1909 M1, July 1922

File 20: 1116 – Regulations Governing the Mobilization of Man Power for Military Purposes, May 1923

File 21: No. 1467 – List of Blanks, Pamphlets, etc. of the Ordinance Department, United States Army, April 1918

File 22: No. 1656 – Description and Instructions for Use of Warner and Swasey Azimuth Instrument – Model of 1910, December 14, 1911 File 23: No. 1754 – No. 5060 – Handbook of the Colt Machine Gun Model of 1917 Caliber .30, August 1917

File 24: No. 1775 – No. 601 – Handbook of the Vickers Machine Gun – Model of 1915 with Pack Outfits and Accessories, March 1917

File 25: No. 1851 – Description and Instructions for the Care and Operation of the 155mm Howitzer Materiel – Model of 1915 (Schneider) – Translated from the French, October 1, 1917 File 26: No. 1866 – No. 34257 – Description of the Automatic Pistol, Caliber .45 Model of 1911 with Rules for the Management, Memoranda of Trajectory and Description of Ammunition, 1917

File 27: No. 1990 – Description of Decapping and Cleaning Tools for Small-Arms Cartridges, October 1912

File 28: No. 2020 – Handbook of 12-Inch Gun Railway Carriage – Model of 1918 and Ground Platform Car, March 27, 1919 [Cover Only]

File 29: AFP 200-2-3 – Air Force Pamphlet – Intelligence Characteristics of the Far East USSR and Russian Language Guide, April 1, 1955

File 30: AMCP 1-1 – Administration – Directory of U.S. Army Materiel Command Installations and Activities, September 1966

File 31: AMCP 11-4 – AMC Pamphlet – Army Programs- AMC Cost Reduction Program Directory, January 1967

File 32: AMCP 310-1 – AMC Pamphlet – Military Publications – Index of AMC Publications and Blank Forms, January 1966

File 33: AMCP 350-1 – AMC Pamphlet – Education and Training – Security Training Education Program, July 1964

File 34: AMCP 385-68 – AMC Pamphlet – Safety Digest, November 1965

File 35: AMCP 385-69 - AMC Pamphlet - Safety Digest, January 1966

File 36: AMCP 601-1 – Personnel Procurement – Guide for the Unit Commander and Career Counselors, May 1965

File 37: AMCP 705-1 – AMC Pamphlet – Research and Development of Materiel – Planning – Volume 4 – Qualitative Materiel Development Objectives Planning Guide (QMDO-P), July 1965

Series I.A.1, Box 002

File 01: AMCP 705-1 – AMC Pamphlet – Research and Development of Materiel – Planning – Volume I – Principles and Philosophy, January 1966

File 02: AMCP 706-106 – AMC Pamphlet – Research and Development of Materiel – Engineering Design Handbook – Elements of Armament Engineering – Part One – Sources of Energy, August 1964

File 03: AMCP 706-107 – Research and Development of Materiel – Engineering Design Handbook – Elements of Armament Engineering – Part Two – Ballistics, September 1963 File 04: AMCP 706-111 – Engineering Design Handbook – Experimental Statistics – Section 2 –

Analysis of Enumerative and Classificatory Data, April 1965

File 05: AMCP 706-112 – AMC Pamphlet – Engineering Design Handbook – Experimental Statistics Section 3 – Planning and Analysis of Comparative Experiments, April 1965 File 06: ACMP 706-114 – AMC Pamphlet – Research and Development of Materiel Engineering

Design Handbook – Experimental Statistics – Section 5 – Tables, July 1965

File 07: AMCP 706-135 – AMC Pamphlet – Research and Development of Materiel –

Engineering Design Handbook - Inventions - Patents and Related Matters, February 1964

File 08: AMCP 706-136 – AMC Pamphlet – Engineering Design Handbook – Servomechanisms – Section 1 – Theory, April 1965

File 09: AMCP 706-139 - AMC Pamphlet - Research and Development of Materiel -

Engineering Design Handbook – Servomechanisms – Section 4 – Power Elements and System Design, August 1963

File 10: AMCP 706-140 – ORDP 20-140 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Exterior Ballistics Series – Trajectories – Differential Effects and Data for Projectiles, October 1957

File 11: AMCP 706-140 – AMC Pamphlet – Research and Development of Materiel – Engineering Design Handbook – Trajectories – Differential Effects and Data for Projectiles, August 1963

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File 01: AMCP 706-150 – AMC Pamphlet – Engineering Design Handbook – Ballistics Series – Interior Ballistics of Guns, February 1965

File 02: AMCP 706-175 – AMC Pamphlet – Engineering Design Handbook – Explosives Series – Solid Propellants – Part One, September 1964

File 03: AMCP 706-185 - AMC Pamphlet - Engineering Design Handbook - Military

Pyrotechnics Series - Part One - Theory and Application, April 1967

File 04: AMCP 706-186 – AMC Pamphlet – Research and Development of Materiel – Engineering Design Handbook – Military Pyrotechnics Series – Two – Safety, Procedures and Glossary, October 1963

File 05: AMCP 706-187 – AMC Pamphlet – Research and Development of Materiel – Engineering Design Handbook – Military Pyrotechnics Series – Part Three – Properties of Materiels Used in Pyrotechnic Compositions, October 1963 (1 of 2)

File 06: AMCP 706-187 - AMC Pamphlet - Research and Development of Materiel -

Engineering Design Handbook – Military Pyrotechnics Series – Part Three – Properties of Materiels Used in Pyrotechnic Compositions, October 1963 (2 of 2)

File 07: AMCP 706-242 – AMC Pamphlet – Engineering Design Handbook – Design for Control of Projectile – Flight Characteristics, September 1966

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File 01: AMCP 706-244 – AMC Pamphlet – Research and Development of Materiel – Engineering Design Handbook – Ammunition Series – Section 1, Artillery Ammunition – General, with Table of Contents, Glossary and Index for Series, September 1963 File 02: AMCP 706 – 746, ORDP-20-246 – Ordnance Corps Pamphlets – Ordnance Engineering Design Handbook – Artillery Ammunition Series – Section 3, Design for Control of Flight Characteristics, May 1957

File 03: AMCP 706-247 – Research and Development of Materiel – Engineering Design Handbook – Ammunition Series – Section 4, Design for Projection, July 1964 File 04: AMCP 706-248, ORDP 20-248 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Artillery Ammunition Series – Section 5, Inspection Aspects of Artillery Ammunition Design, May 1957

File 05: AMCP 706-249 – Research and Development of Materiel – Engineering Design Handbook – Ammunition Series – Section 6, Manufacture of Metallic Components of Artillery Ammunition, July 1964 File 06: AMCP 706-250 – Research and Development of Materiel – Engineering Design Handbook – Guns Series – Guns – General, August 1964

File 07: AMCP 706-252 – Research and Development of Materiel – Engineering Design Handbook – Guns Series – Gun Tubes, February 1964

File 08: AMCP 706-270, ORDP 20-270 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Propellant Actuated Devices, July 1961

File 09: AMCP 706-282, ORDP 20-282 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Ballistic Missile Series – Propulsion and Propellants, May 1960 File 10: AMCP 706-283 – Engineering Design Handbook – Ballistic Missile Series – Aerodynamics, April 1965

File 11: AMCP 706-291, ORDP 20-291 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Surface-to-Air Missile Series – Part One, System Integration, June 1962 (1 of 2)

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File 01: AMCP 706-291, ORDP 20-291 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Surface-to-Air Missile Series – Part One, System Integration, June 1962 (2 of 2)

File 02: AMCP 706-292 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Surface-to-Air Missile Series – Part Two, Weapon Control, June 1962 (1 of 2)

File 03: AMCP 706-292 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Surface-to-Air Missile Series – Part Two, Weapon Control, June 1962 (2 of 2)

File 04: AMCP 706-293 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook – Surface-to-Air Missile Series – Part Three, Computers, June 1962

File 05: AMCP 706-296 – Ordnance Engineering Design Handbook – Surface-to-Air Missile Series – Part Six, Structures and Power Sources, June 1962 (1 of 2)

File 06: AMCP 706-296 – Ordnance Engineering Design Handbook – Surface-to-Air Missile Series – Part Six, Structures and Power Sources, June 1962 (2 of 2)

File 07: AMCP 706-302 – Ordnance Materials Handbook – Copper and Copper Alloys, August 1956

File 08: AMCP 706-303 – AMCP 706-303 – Ordnance Materials Handbook – Magnesium and Magnesium Alloys, September 1956

File 09: AMCP 706-308 - Ordnance Materials Handbook - Glass, August 1958

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File 01: AMCP 706-331 – AMC Pamphlet – Research and Development of Materiel –

Engineering Design Handbook – Fire Control Series – Compensating Elements, September 1963 File 02: AMCP 706-340 – AMC Pamphlet – Research and Development of Materiel –

Engineering Design Handbook – Carriages and Mounts Series – Carriages and Mounts Series – Carriages and Mounts – General, March 1964

File 03: AMCP 706-341 - AMC Pamphlet - Research and Development of Materiel -

Engineering Design Handbook - Carriages and Mounts Series - Cradles, September 1963

File 04: AMCP 706-342 – AMC Pamphlet – Research and Development of Materiel –

Engineering Design Handbook – Carriages and Mounts Series – Recoil Systems, September 1963

File 05: AMCP 706-343 – AMC Pamphlet – Research and Development of Materiel – Engineering Design Handbook - Carriages and Mounts Series - Top Carriages, December 1963 File 06: AMCP 706-344 - AMCP Pamphlet - Research and Development of Materiel -Engineering Design Handbook - Carriages and Mounts Series - Bottom Carriages, December 1962 File 07: AMCP 706-345 – Ordnance Corps Pamphlet – Ordnance Engineering Design Handbook - Carriages and Mounts Series - Equilibrators, April 1960 File 08: AMCP 706-346 - AMC Pamphlet - Research and Development of Materiel -Engineering Design Handbook - Carriages and Mounts Series - Elevating Mechanisms, December 1964 File 09: AMCP 706-355 - AMC Pamphlet - Research and Development of Materiel -Engineering Design Handbook – Automotive Series – The Automotive Assembly, December 1962 (1 of 2) File 10: AMCP 706-355 - AMC Pamphlet - Research and Development of Materiel -Engineering Design Handbook - Automotive Series - The Automotive Assembly, December 1962 (2 of 2) Series I.A.1, Box 007 File 01: AMCP 706-355 - AMC Pamphlet - Engineering Design Handbook - Automotive Series - The Automotive Assembly, February 1965 File 02: AMCP 746 - 1 - AMC Pamphlet - Marking and Packing of Supplies and Equipment -Quarterly Summary of Damaged or Improper Shipments (DO Form 6) – 2D Quarter – Fiscal Year 1967, February 1967 File 03: AMCP 746-3 – AMC Pamphlet – Marking and Packing of Supplies and Equipment – Preparation of Southeast Asia Shipments, January 1967 File 04: AMCR 18-12 - AMC Regulation - AMC Information and Data Systems - Napalm Pilot Plan, August 1967 File 05: AMCR 715-505 – AMC Regulation – Procurement – Ammunition Ballistic – Acceptance Test Methods - Volume 3 - Test Procedures for 7.62-mm Cartridges - U.S. Army Materiel Command, February 1964 File 06: AMCR 715-505 - AMC Regulation - Procurement - Ammunition Ballistic -Acceptance Test Methods - Volume 8 - Test Procedures for 20mm Cartridges, October 1964 File 07: AMSWE-P-715-400-WTV – Quality Assurance Pamphlet – Cannon, 105mm Gun, M68 – U.S. Army Weapons Command, February 1964 File 08: AMSWE-P-715-401-WTV – Quality Assurance Pamphlet – Cannon, 155mm Howitzer, M126 – U.S. Army Weapons Command, September 1964 File 09: AMSWE-P-715-402-WTV – Quality Assurance Pamphlet – Cannon, 105mm Howitzer, M137 – U.S. Army Weapons Command, April 1965 File 10: AMSWE-P-715-403-WVT – Quality Assurance Pamphlet – Cannon, 8-Inch Howitzer: M21A1E1 and Cannon, 175mm Gun: M113, December 1965 File 11: AMSWE-P-715-404-WVT – Quality Assurance Pamphlet – Cannon, 165mm Gun XM135 – U.S. Army Weapons Command, January 1968 Series I.A.1, Box 008

File 01: AMSWE-P-715-434 SA – Quality Assurance Pamphlet – Barrel Evaluation, Small Arms – U.S. Army Weapons Command, October 1964 (1 of 2)

File 02: AMSWE-P-715-434 SA – Quality Assurance Pamphlet – Barrel Evaluation, Small Arms – U.S. Army Weapons Command, October 1964 (2 of 2)

File 03: AMSWE-P-715-435-SA – Quality Assurance Pamphlet – Machine Gun, Caliber .50: Fixed, M85 – U.S. Army Weapons Command, May 1964 (1 of 2)

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File 01: AMSWE-P-715-435-SA – Quality Assurance Pamphlet – Machine Gun, Caliber .50: Fixed, M85 – U.S. Army Weapons Command, May 1964 (2 of 2)

File 02: AMSWE-P-715-436 SA – Quality Assurance Pamphlet – Machine Gun, 7.62mm: Fixed, M73 – U.S. Army Weapons Command, June 1964 (1 of 2)

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File 01: AMSWE-P-715-436 SA – Quality Assurance Pamphlet – Machine Gun, 7.62mm: Fixed, M73 – U.S. Army Weapons Command, June 1964 (2 of 2)

File 02: AMSWE-P-714-437-SA – Quality Assurance Pamphlet – Armament Subsystem, Helicopter, 7.62 Machine Gun: Twin, M2, December 1965

File 03: AMSWE-P-715-438-SA – Quality Assurance Pamphlet – Guns, Machine, 7.62mm: M60, M60C, M60 (Mod), May 1965 (1 of 2)

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File 01: AMSWE-P-715-438-SA – Quality Assurance Pamphlet – Guns, Machine, 7.62mm: M60, M60C, M60 (Mod), May 1965 (2 of 2)

File 02: AMSWE-P-715-439-SA – Quality Assurance Pamphlet – Launcher, Grenade, 40mm: M75 – Weapons Command, June 1966 (1 of 2)

File 03: AMSWE-P-715-439-SA – Quality Assurance Pamphlet – Launcher, Grenade, 40mm: M75 – Weapons Command, June 1966 (2 of 2)

File 04: AMSWE-P-715-440-SA – Quality Assurance Pamphlet – Launcher, Grenade: M79 – Weapons Command, May 1966 (1 of 2)

Series I.A.1, Box 012

File 01: AMSWE-P-715-440-SA – Quality Assurance Pamphlet – Launcher, Grenade: M79 – Weapons Command, May 1966 (2 of 2)

File 02: AMSWE-P-715-441-SA – Quality Assurance Pamphlet – Mount, Grenade Launcher: 40mm, Helicopter Armament Subsystem – Weapons Command, October 1966 (1 of 2) File 03: AMSWE-P-715-441-SA – Quality Assurance Pamphlet – Mount, Grenade Launcher:

40mm, Helicopter Armament Subsystem – Weapons Command, October 1966 (2 of 2)

File 04: AMSWE-P-715-442-SA – Machine Gun, 7.62mm: Electric Drive, XM134, July 1967

File 05: AR 1-10 – List of Current Pamphlets and Changes; Distribution, October 1928

File 06: AR 30-340 – Quartermaster Corps. – Leather and Leather Equipment, June 1928

File 07: AR 30-940 – Quartermaster Corps. – Transportation of Troop; Preparation and Listing of Property for Shipment, June 1923

File 08: AR 30-3000 – Quartermaster Corps. – Clothing Money Allowance and Price List of Clothing and Equipage, June 1928

File 09: AR 30-3010 – Quartermaster Corps. – Price List of Miscellaneous Supplies, October 1923

File 10: AR 35-1640 – Finance Department – Pay of Officers, Rates, September 1928

File 11: AR 35-2320 – Finance Department – Payments to Enlisted Men; General Provisions, October 1923

File 12: AR 35-2340 – Finance Department – Pay of Enlisted Men; Rates of Pay, October 1923 File 13: AR 35-2400 – Finance Department – Pay of Enlisted Men; Specialist Rating, October 1923

File 14: AR 35-2420 – Finance Department – Pay of Enlisted Men; Enlistment Allowance, October 1923

File 15: AR 35-6520 – Finance Department – Property Accountability and Responsibility, December 1923

File 16: AR 35-6640 – Finance Department – Lost, Destroyed, Damaged, or Unserviceable Property, June 1923

File 17: AR 120-10 – Mobilization, July 1928

File 18: AR 320-5 – Military Terms, Abbreviations, and Symbols – Authorized Abbreviations and Brevity Codes, November 1960

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File 01: AR 340-15 – Correspondence – How Conducted, May 1928

File 02: AR 345-125 – Military Records – Service Record, June 1928

File 03: AR 345-200 – Army Regulation – Records Management – Program Policies and Procedures, February 1967

File 04: AR 345-210 - Records Management Files Systems and Standards, October 1962

File 05: AR 370-10 - Qualification in Arms - Competition in Small Arms, October 1954

File 06: AR 415-31 - Construction - Basic Facilities and Space Allowances for Peacetime

Missions at Army Installations, February 1967

File 07: AR 600-15 – Personnel – Rank and Precedence, September 1928

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File 12: AR 600-70 – Personnel – Badges, March 1954

File 13: AR 600-185 - Personnel - Efficiency Reports, December 1927

File 14: AR 611-103 – Personnel – Selection and Classification – Officer Qualification and Classification, November 1962

File 15: AR 622-10 - Qualifications in Arms - Competition in Small Arms, April 1958

File 16: AR 850-100 - Miscellaneous - Promotion of Rifle Practice, August 1926

File 17: AR 870-5 – Historical Activities – Military History – Responsibilities, Policies and Procedures, October 1962

File 18: AR 920-30 - Rules and Regulations for National Matches, April 1955

File 19: B.S.D.-AR.-1 – Ordnance Field Service – Base Shop Data – Rifle, Auto., Cal. .30, Browning – M1918A2, February 1943

File 20: B.S.D.-MG.-8 – Ordnance Field Service – Base Shop Data – Gun, Machine, Cal. .30, Browning – M1917A1, February 1943

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HD, CG) Charge, Propelling, M36, Charge, Propelling, M6, October 1954

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File 05: Ordnance Pamphlet No. 1897, Price List of Seacoast Targets, Photoprinting and Drafting Articles, Resizing and Reloading Outfit for Drill Primer and Pressure Gauges, Revision, August 1914

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Subsystem, Helicopter, 40mm Grenade Launcher: M5 – Springfield Armory, July 1964

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File 06: TM 5-5021 – Department of the Army Technical Manual – Instruction Manual for Onan Electric Generating Plants, Model 3ABG-4E/240A, 3000 Watt, 120 Volt, Single Phase, 120-208 Volt, Three Phase, 60 Cycle, Portable, A.C. Generator SNL 17-4780.520-550, March 1953

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File 08: TM 5-5033-1 – Department of the Army Technical Manual – Frequency Converter Motor, Generator Set, 30-KW, 60/400 Cycle Across-The-Line and Reduced Voltage Starter, Hollingsworth Model JH-30, May 1956

File 09: TM 5-5033-2 – Department of the Army Technical Manual – Field and Depot Maintenance, Frequency Converter, Motor Generator Set 30KW, 60/400 Cycle with Across-the-Line and Reduced-Voltage Starter, Hollingsworth Model JH-30, May 1956

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File 12: TM 5-5038 – Department of the Army Technical Manual – Generator Set, Diesel Driven, Stationary, 300 KW, 2400-4160 Volt, 3 Phase, 4 Wire, Wye Connected, Convertible to 2400 Volt, 3 Phase, 3 Wire, Delta Connected, 60 and 50 Cycle, Caterpillar, Model D-397 (Less Engine, August 1955

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File 01: TM 5-5039 – Department of the Army Technical Manual – Frequency Converter Motor Alternator, 220-440 Volt, 3-Phase, 60 Cycle to 120-208 Volt, 4 Wire, 400 Cycle, 3 Phase, Continental Motor Model, June 1956

File 02: TM 5-5062 – Department of the Army Technical Manual – Compressor, Air, Skid Mounted, Gasoline Driven, 60 CFM, Schramm Model 60, December 1955

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File 02: TM 5-5166 – Department of the Army Technical Manual – Engine, Gasoline, Continental, Model M330, September 1952

File 03: TM 5-5170 – TM19-100QA-2 – Department of the Army Technical Manual – Engine, Diesel, International Harvester, Models UD-18 and UD-18A, October 1952

File 04: TM 5-5173 – Department of the Army Technical Manual – Engine, Diesel, Buda Model, 6DA-844, December 1955

File 05: TM 5-5181 – Department of the Army Technical Manual – Operation and Maintenance Manual for WX-Series, WXL-Series, Gasoline Engines, Hercules Motors Corporation, March 1952

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File 08: TM 5-5201 – TO 19-100A-2 – Department of the Army Technical Manual – Engine Gasoline Continental Model F226-198 – Departments of the Army and the Air Force, March 1954

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File 11: TM 5-5214 – Department of the Army Technical Manual – Engine, Gasoline, Air-Cooled, Kiekhaefer Model KB6-F, February 1953

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KW, 120-208 or 240-416 Volt, 3 Phase, 400 Cycle, 3 Wire, Hercules Electric Machinery and Equipment Model HC-3Q-400 (Less Engine) (Winterized), January 1956 File 16: TM 5-6121 – Machine, Map Duplicating – Size 22 Inches x 29 Inches- Ditto Model

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File 01: TM 5-8022 – Department of the Army Technical Manual – Boat, Bridge-Erection,

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File 02: TM 5-9209 – Department of the Army Technical Manual – Trailer, Full, Low-Bed, 60-Ton, Steel Products Company (Great Dane) Model, January 1953

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File 05: TM 5-9212 – War Department Technical Manual – Trailer Low-Bed, 60 Ton Rodgers Model D-60-D-S-5 – War Department, May 1943

File 06: TM 5-9219 – Department of the Army Technical Manual – Pump Centrifugal for Petroleum Pipeline Direct Connected Gasoline-Driven, Skid-Mounted, 4-Stage, Horizontally Split, 3 Inch, 250-LB. Flanged Discharge and Suction with 4-Inch, Grooved Adapters, Reiner Model GP-60 with Continental Engine Model T-427, April 1955

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File 09: TM 5-9235 – Department of the Army Technical Manual – Sawmill, Portable Gasoline-Engine-Driven Head-Block Type, 4 x 7 Feet 60-Inch-Diameter Saw Corinth Model 2-C (Less Engine), November 1952

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File 11: TM 5-9257 – Department of the Army Technical Manual – Truck, Garbage, Load Packer 15 Cu Yd Capacity, 5 Ton, 4 x 2, Two Dual Tires Leach Model Packmaster (Less Truck), August 1955

File 12: TM 5-9277 – Department of the Army Technical Manual – Sweeper, Rotary 3-Wheel-Mounted Self-Propelled, Gasoline-Driven One-Way Sweeping Pick-Up Type with 36-In. Dia. X 4-FT. Pick-Up Broom One 32-In. Dia. Side Broom Digger Type and Sprayer Austin-Western Patrol Model, January 1953

File 13; TM 5-9305 – Department of the Army Technical Manual – Winch, General Utility, Reversible, Rear Mounting, 1 Drum Tractor Mounting Carco Model E, January 1953 File 14: TM 5-9311 – Department of the Army Technical Manual –Winch, General Utility, Reversible, Rear Mounting, 1 Drum for Tractor Mounting Berg Model CB-3, August 1955 File 15: TM 5-9317 – Department of the Army Technical Manual – Hoist, Pneumatic, Single Drum, 1- Ton Pull, Ingersoll, Rand Model HU, April 1956

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File 11: TM 5-9427 – Department of the Army Technical Manual – Pump – Centrifugal for Petroleum, Gasoline Driven, Skid Mounted, 2 Stage, 715 BPH at 555 Foot Head To 2,000 BPH at 275 Foot Head at 2,100 RPM Barnes Model CE6PE (Less Engine), December 1955

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File 14: TM 5-9455 – Department of the Army Technical Manual – Carrier, Crane-Shovel, 10-Ton, Gasoline- driven, Pneumatic Tires, 6 x 6 Available Truck, Model 1014-CE (Less Engine), November 1954

File 15: TM 5-9461 – Department of the Army Technical Manual –Air Conditioning Unit, Skid Mounted, Self Contained Type Water Cooled with Cooling Tower, 7 ½ HP Motor, 220 Volt, 60 Cycle, 3 Phase, 70,000 BTU Per Hr Carrier Model WS72-119, June 1952

File 16: TM 5-9465 – Department of the Army Technical Manual – Air Conditioning Unit, Trailer Mounted Self Contained Type Air Cooled Gasoline Engine Driven 26,500 BTU Per Hour Refrigeration Engineering Model TA 5226, August 1956

File 17: TM 5-9467 – Department of the Army Technical Manual – Air Conditioning Unit Trailer, Mounted Self-Contained Type Air-Cooled, Gasoline-Driven 26,500 BTV Per Hour Ready Power Model R60 C21, September 1954 Series I.A.1, Box 049

File 01: TM 5-9477 – TO40A1-5-4-1 – Department of the Army Technical Manual – Air Conditioning Unit, Skid-Mounted, Self-Contained Type, Water-Cooled with Cooling Tower Motor-Driven 5-HP, 270-Volt, 3-Phase, 60-Ccycle, 70,000 BTU Per Hour Typhoon Model SA-500 – Departments of the Army and the Air Force, May 1955

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CFM, 18,000 BTU Per Hour, Carrier Corp., Model MX-31/MP, February 1953

File 03: TM 5-9497 – Department of the Army Technical Manual –Carrier Crane Gasoline-Driven 6 x 4 Available Truck Model HC-70X (Less Engine), May 1955

File 04: TM 5-9498 – Department of the Army Technical Manual – Operation, Maintenance and Servicing Manual for Model W-1700-15-SP Rotary Snow Plow Chassis-Oshkosh 4 and 6 Wheel Drive Trucks, March 1953

File 05: TM 5-9501 – TO36C23-3-31-11 – Department of the Army Technical Manual – Carrier Crane-Shovel, 5-Ton, Gasoline Driven, Pneumatic Tires, 4 Wheel Drive, Coleman Model G-55A (Less Engine), March 1956

File 06: TM 5-9508 – Department of the Army Technical Manual – Crane-Shovel Power Unit, Revolving, Truck-Mounted, Pneumatic Tires, Two-Engine Drive, Gasoline-Driven, 20-Ton, ³/₄-CU YD, Thew-Lorain Model E6620 (Less Carrier, Engines, and Light Plant), February 1955 File 07: TM 5-9512 – TO 19-40AAA-8 – Department of the Army Technical Manual – Crane Shovel Power Unit Revolving Crawler Mounted 30-Ton Capacity at 12-Ft. Radius 1 ³/₄-Cu. Yd. Diesel-Driven Marion Model 372, April 1953

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File 01: TM 5-9524 – Department of the Army Technical Manual – Crane-Shovel Power Unit, Revolving, Truck Mounted, Pneumatic Tires, Two-Engine Drive, Gasoline-Driven, 6 to 10 Tons, ½ CU YD, Unit Crane and Shovel Co. Model 1014 (Less Carrier and Engines), December 1954 File 02: TM 5-9525-1 – Department of the Army Technical Manual – Crane-Shovel, Power Unit, Revolving, Truck Mounted, Pneumatic Tires, Two Engine Drive, Gasoline Driven, 20 Ton, ¾ CU YD, Unit Model 1220-CE (Less Carrier and Engines), November 1955

File 03: TM 5-9528 – TO 36C3-3-4-1 – Department of the Army Technical Manual – Crane, Revolving, Tractor-Mounted, End 7,000- to 12,000-LB Capacity at 12-Foot Radius 25- to 40-Foot Boom Hystaway for Mounting on Caterpillar Model D-7 and D-8 Tractors – Departments of the Army and the Air Force, January 1956

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File 03: TM 5-9633 – Department of the Army Technical Manual – Crane-Shovel Power Unit, Revolving Crawler-Mounted, GED 10-Ton, ³/₄-Cubic Yard Unit Model 1020YD, May 1952 File 04: TM 5-9634 – Department of the Army Technical Manual – Crane-Shovel Power Unit Revolving Crawler 30-Ton Capacity 1 ¹/₂ Cu. Yd. Lima Model 604 (Less Engine), July 1953 File 05: TM5-9686 – Department of the Army Technical Manual – Crane, Revolving, Tractor Mounting -12000 LB Capacity at 12 FT Radius, 30 FT Boom, Cardwell Model C, November 1954

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File 07: TM 5-9741 – Department of the Army Technical Manual – Heater, Gasoline Burning Engine, Coolant Type, 16,000 to 20,000 BTU PH-Vapor Heating Corporation Model A1-4901, September 1952

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Dehumidifying Unit, Silica Gel, Motor Driven, 3HP, 208 Volt, 3 Phase, 60 Cycles, Cargocaire Model W-120-27 – Departments of the Army and the Air Force, September 1955

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File 02: 5-9852-2 – TO 19-40BA-38 – Department of the Army Technical Manual – Crane-Shovel Power Unit, Revolving, Truck-Mounted, Pneumatic Tires, Two-Engine Drive, Gasolineor Diesel-Driven, ³/₄ CU YD Threw Lorain, 8- to 12-Ton Model MC-3 and 14- to 18-Ton Model MC-4 with Attachments (Less Engines and Generators) – Departments of the Army and the Air Force, June 1954

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File 06: TM 5-9861-2 – Department of the Army Technical Manual – Crane-Shovel, Power Unit, Revolving, Crawler- Mounted, Diesel-Driven, 30 to 40 Tons, 2 Cu. Yd., Vacuum-Controlled,

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File 09: TM 9-231 – War Department Technical Manual – Cal. .60 Machine Gun T17E3 – War Department, June 1944

File 10: TM 9-258 – Department of the Army Technical Manual – Technical Procedures – Elementary Optics and Application to Fire Control Instruments, February 1962

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File 02: TM 9-1000-213-35P – Department of the Army Technical Manual – Field and Depot Maintenance, Repair Parts and Special Tool List – Cannon, 105-mm Gun, M68 (T254E2),

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File 03: TM 9-1005-206-14P/2 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Repair Parts and Equipment for Commercial Shotguns, November 1962

File 04: TM 9-1005-206-14P/3 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Repair Parts and Tools and Equipment for Commercial Pistols, March 1963

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File 13: TM 9-1005-224-12 – Department of the Army Technical Manual – Operator's and Organizational Maintenance Manual 7.62-mm Machinegun Tripod Mount M122, June 1960 File 14: TM 9-1005-224-12 – Department of the Army Technical Manual – Operator, and Organizational Maintenance Manual Machine Gun, 7.62-mm, M60, W/E and Mount, Tripod, Machine Gun, M122, October 1963

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File 15: TM 9-1205 – War Department Technical Manual – Ordnance Maintenance – Browning Machine Gun, Caliber .30, All Types, and Ground Mounts, August 1944

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File 09: TM 9-1240-293-35P – Department of the Army Supply Manual – Field and Depot Maintenance Repair Parts and Special Tool Lists for Mount, Telescope: M137 (T186E3), October 1962

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File 09: TM 9-2210 – War Department – Technical Manual – Instruction Guide – Small Arms Accidents, Malfunctions, and Their Causes, July 1942

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File 03: TM 9-2300-216-10 – Department of the Army Technical Manual – Operator's Manual for Gun, Field Artillery, Self-Propelled: Full Tracked, 175-MM, M107 (T235E1) (2350-436-6635) and Howitzer, Heavy, Self-Propelled: Full Tracked, 8-Inch, M110 (T236E1) (2350-439-6243), June 1962

File 04: TM 9-2300-216-20P – Department of the Army Technical Manual – Organizational Maintenance Repair Parts and Special Tool Lists for Gun, Field Artillery, Self-Propelled: 175mm, M107 (T235E1) (2350-436-6635) and Howitzer, Heavy, Self-Propelled: 8-Inch, M110 (T236E1) (2350-439-6243), July 1962

File 05: TM 9-2300-216-35P/1 – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool Lists for Gun, Field Artillery, Self-Propelled: 175-MM, M107 (T285E1) (2350-436-6635) and Howitzer, Heavy, Self-Propelled: 8-Inch, M110 (T236E1) (2350-439-6243) Hull and Related Components, July 1962

File 06: TM 9-2300-216-35P/2 – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool Lists for Gun, Field Artillery, Self-Propelled: 175mm, M107 (T235E1) (2350-436-6635) and Howitzer, Heavy, Self-Propelled: 8-Inch, M110 (T236E1) (2350-439-6243) Elevating and Traversing Systems, July 1962

File 07: TM 9-2300-223-34P – Department of the Army Technical Manual – Consolidated Authorized Direct and General Support Stockage List of Repair Parts for Tank-Automotive Materiel, July 1965

File 08: TM 9-2300-224-10/3/2 – Department of the Army Technical Manual – Operator's Manual Part Two for Carrier, Command Post, Light, Armored, M577 (Gasoline) – 2320-856-6624 and M577A1, April 1965

File 09: TM 9-2300-224-20 – Department of the Army Technical Manual – Organizational Maintenance Manual for Carrier, Personnel, Full Tracked, Armored, M113 (2320-629-1294), December 1961

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File 04: TM 9-2300-224-20/3/4 – Department of the Army Technical Manual – Organizational Maintenance Manual Part Four for Flame Thrower, Self-Propelled: M132 (Gasoline) – 2350-987-8900 and M132A1 (Diesel) – 2350-056-6809, April 1965

File 05: TM 9-2300-224-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Carrier, Personnel, Full Tracked: Armored, M113 (2320-629-1294), August 1960

File 06: TM 9-2300-224-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Carrier, Personnel, Full Tracked: Armored, M113 (2320-629-1294), September 1961

File 07: TM 9-2300-224-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Carrier, Personnel, Full Tracked: Armored, M113 (2320-629-1294) and Carrier, Guided Missile Equipment: XM474E2 (14450-831-6942), September 1962

File 08: TM 9-2300-224-35 – Department of the Army Technical Manual – Carrier, Personnel, Full Tracked: Armored, M113 (2320-629-1294), Carrier, Guided Missile Equipment: XM474E2 (1450-831-6942) and Carrier, Command Post: Light Tracked, XM577 (2320-856-6624), January 1963

File 09: TM 9-2300-224-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tools List – Carrier, Personnel, Full Tracked: Armored, M113 (2320-629-1294), September 1960

File 10: TM 9-2300-224-ESC/2 – Department of the Army Technical Manual – Equipment Serviceability Criteria for Mortar 107-Millimeter, Self-Propelled, M106, January 1966 File 11: TM 9-2320-204-12 – Department of the Army Technical Manual – Operation and Organizational Maintenance – Heavy Tank Recovery Vehicle M1, April 1958

File 12: TM 9-2320-204-12 – Technical Manual – Heavy Tank Recovery Vehicle M51, December 1958

File 13: TM 9-2320-205-20P – Department of the Army Technical Manual – Organizational Maintenance Repair Parts and Special Tools List for Carrier, Cargo, Amphibious: M76 (2320-796-5986), August 1960

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File 01: TM 9-2320-206-20P – Department of the Army Technical Manual – Organizational Maintenance Repair Parts and Special Tool List for Truck Tractor: 10-Ton, 6 x 6, M123 (with Single Winch 2320-294-9552) (with Dual Winch 2320-395-1875) and Truck, Cargo: 10-Ton, 6 x 6, M125 (2320-219-7340), April 1961

File 02: TM 9-2320-218-10 – Department of the Army Technical Manual – Operator's Manual Truck, Utility: ¹/₄-Ton, 4 x 4, M151 (2320-542-4783), May 1960

File 03: TM 9-2320-222-20 – Department of the Army Technical Manual – Organizational Maintenance Manual: Recovery Vehicle, Full Tracked: Medium, M88 (T88) (2320-678-5772), March 1961

File 04: TM 9-2320-222-35/2 – Department of the Army Technical Manual – Field and Depot Maintenance Manual Recovery Vehicle Full Tracked: Medium, M88 (T88) (2320-678-5772) Winch, Power-Take-Off and Hoist System, May 1961

File 05: TM 9-2320-238-35/1 – Department of the Army Technical Manual – Field and Depot Maintenance Manual for Recovery Vehicle, Full Tracked: Light, Armored, M578 (T120E1) (2320-439-6242), Hull and Components Peculiar, December 1963

File 06: TM 9-2320-238-35/2 – Department of the Army Technical Manual – Field and Depot Maintenance Manual for Recovery Vehicle, Full Tracked: Light, Armored, M578 (T120E1) (2320-439-6242) – Winches and Crane Elevating and Traversing Systems, December 1963 File 07: TM 9-2320-238-35P/1 – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool Lists for Recovery Vehicle, Full Tracked: Light, Armored, M578 (T120E1), Hull and Components Peculiar, January 1964 File 08: TM 9-2320-238-35P/2 – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool Lists for Recovery Vehicle, Full Tracked: Light, Armored, M578 (T120E1) (2320-439-6242), Winches, Crane, and Elevating and Traversing Systems, March 1964

File 09: TM 9-2330-203-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual – Dolly, Trailer Converter: 6-Ton, 2-Wheel, M197 (2330-835-8615) and Dolly, Trailer Converter: 8-Ton, 2-Wheel, M198 (2330-287-5203), M198A1 (2330-563-7248), March 1961

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File 01: TM 9-2230-208-24P – Department of the Army Technical Manual – Organizational and Field Maintenance – Repair Parts and Special Tool List for Semitrailer, Tank: Gasoline, 12-Ton, 4-Wheel, M131 (2330-835-8565), February 1961

File 02: TM 9-2330-210-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual for Chassis, Semitrailer: 6-Ton, 2-Wheel, M117, M117A1, Semitrailer, Stake: 6-Ton, 2-Wheel, M118, M118A1, Semitrailer, Van: Shop, 6-Ton, 2-Wheel, M119, M119A1, Semitrailer, Van: Shop, 6-Ton, 2-Wheel, M508 (Component of Semitrailer M457, M458, Semitrailer, Van: Shop, 6-Ton, 2-Wheel, M508C (Component of Semitrailer M459), February 1961 (1 of 2)

File 03: TM 9-2330-210-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual for Chassis, Semitrailer: 6-Ton, 2-Wheel, M117, M117A1, Semitrailer, Stake: 6-Ton, 2-Wheel, M118, M118A1, Semitrailer, Van: Shop, 6-Ton, 2-Wheel, M119, M119A1, Semitrailer, Van: Shop, 6-Ton, 2-Wheel, M508 (Component of Semitrailer M457, M458, Semitrailer, Van: Shop, 6-Ton, 2-Wheel, M508C (Component of Semitrailer M459), February 1961 (2 of 2)

File 04: TM 9-2330-211-24P – Department of the Army Technical Manual – Organizational and Field Maintenance Repair Parts and Special Tools List – Semitrailer, Low Bed: 15-Ton, 4-Wheel M172 (2330-735-9326) and Semitrailer, Low Bed: 25-Ton, 4-Wheel, M172A1 (2330-317-6448), January 1962

File 05: TM9-2330-212-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual for Trailer, Flat Bed: Fire Control/Acquisition Radar, 2-Ton, 4-Wheel, M243 (2330-835-8625), Trailer, Flat Bed: Guided Missile, M261 (2330-835-8637), M261A1 (2330-346-7563), Trailer, Low Bed, Antenna Mount, M260 (2330-835-8636), M260A1 (2330-046-7817), M424 (2330-629-9864), Trailer, Van: Electric Shop, M359 (2330-046-1734), M359A1 (2330-046-3984), M382 (2330-569-0783), M383 (2330-569-0781), Trailer, Van: Launching Control, M262 (2330-835-8638), M262A1 (2330-046-7818), M262A1C (2330-629-9863), Trailer, Van: Radar Tracking, Central, M258 (2330-835-8634), M258A1 (2330-047-3614), Trailer, Van: Radar Tracking, Station, M428 (2330-629-9866) (Including Heater, Vehicle Mounting, HD-164/XN-1/M, and Heater, Vehicular Compartment, HD-365/M) (Nike-Ajax and Hercules Air Defense Guided Missile Systems), March 1961 File 06: TM 9-2330-222-24P – Department of the Army Technical Manual – Organizational and Field Maintenance Repair Parts and Special Tools List for Semitrailer, Van: Refrigerator, 7 ¹/₂

Ton, 2-Wheel, M349A1 (2330-348-7799), March 1961

File 07: TM 9-2330-231-14P – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Instructions – Repair Parts and Special Tool Lists for Trailer, Ammunition: 1 ¹/₂ Ton, 2-Wheel, M332 (2330-200-1785), August 1962 File 08: TM 9-2330-232-14 – Department of the Army Technical Manual – Operator, Organizational, and Field Maintenance Manual: Trailer, Low-Bed: 3-Ton, 4-Wheel, XM114E1 (2330-631-2417) and Trailer, Low-Bed: 5-Ton, 4-Wheel, XM455 (2330-631-2418), May 1960 File 09: TM 9-2330-235-14 – Department of the Army Technical Manual – Operation, Organizational, and Field Maintenance Manual – Chassis, Trailer: 2-Ton, 2-Wheel, XM390 (2330-542-4120), June 1960

File 10: TM 9-2330-235-24P – Department of the Army Technical Manual – Organizational and Field Maintenance Repair Parts and Special Tools List for Chassis, Trailer: 2-Ton, 2-Wheel, XM390 (2330-542-4120), February 1961

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File 01: TM 9-2330-238-14 – Department of the Army Technical Manual – Operators, Organizational, and Field Maintenance Manual – Chassis, Semitrailer: 6-Ton, 4-Wheel, M295A1 (2330-649-8124) and Semitrailer, Van, Shop, Folding Sides, 6-Ton, 4-Wheel, M447 (2330-542-5709), October 1960

File 02: TM 9-2330-238-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual for Chassis, Semitrailer: 6-Ton, 4-Wheel M295A1 (2330-649-8124), Semitrailer, Van: Shop, Folding Sides, 6-Ton, 4-Wheel M447 (2330-542-5709) and Semitrailer, Van: Expansible, 6-Ton, 4-Wheel, M313 (2330-772-5273), March 1962

File 03: TM 9-2330-239-14 – Department of the Army Technical Manual – Operator, Organizational, and Field Maintenance Manual – Chassis, Trailer: 3-Ton, 4-Wheel, XM113E1 92330-542-5986), XM113E2 (2330-646-7638) and Chassis, Trailer: 5-Ton, 4-Wheel, XM456 (2330-542-5988), XM525 (2330-768-5355), May 1960

File 04: TM 9-2330-239-25P – Department of the Army Technical Manual – Organizational, Field, and Depot Maintenance Repair Parts List for Chassis, Trailer: 3-Ton, 4-Wheel, XM113E1 (2330-542-5986), Chassis, Trailer: 3-Ton, 4-Wheel, XM113E2 (2330-646-7638), Chassis, Trailer: 5-Ton, 4-Wheel, XM456 (2330-542-5988), December 1959

File 05: TM 9-2330-240-24P – Department of the Army Technical Manual – Organizational and Field Maintenance Repair Parts List for Trailer, Van: Electronic, 5-Ton, 4-Wheel, XM460 (2330-631-2416) and Trailer, Van: Electronic, 3-Ton, 4-Wheel, XM461 (2330-631-2419), February 1961

File 06: TM 9-2330-245-14 – TO 36A11-1-391 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual – Chassis, Trailer: 1 ½ Ton, 2-Wheel, M103A1 (2330-835-8629), M103A3 (2330-141-8052), December 1960

File 07: TM 9-2330-246-14 – TO 36A11-21-4-31 – Department of the Army Technical Manual – Operators, Organizational and Field Maintenance Manual – Semitrailer, Van: Electronic, 3-Ton, 2-Wheel, M348A1 (2330-696-5695) – Departments of the Army and the Air Force, June 1961 File 08: TM 9-2330-246-14 – Department of the Army Technical Manual – Operator,

Organizational and Direct Support, Maintenance Manual for Semitrailer, Van: Electronic, 6-Ton, 2-Wheel, M348A2 (2330-678-3838), November 1964

File 09: TM 9-2330-246-24P – Department of the Army Technical Manual – Organizational, Direct and General Support Maintenance Repair Parts and Special Tool List for Semitrailer, Van: Electronic, 6-Ton, 2-Wheel; M348A2 (2330-678-3838), M348A2C (2330-690-7724), M348A2D (2330-690-7725), M348A2F (2330-690-7726), M348A2G (2330-797-7405), M348A2H (2330-973-1262), M373A2 (2330-705-8932), M373A2C (2330-672-7496), November 1964 File 10: TM 9-2330-247-14 – TO 36A11-5-11-1 – Department of the Army Technical Manual – Operators, Organizational and Field Maintenance Manual Chassis, Trailer: General Purpose, 3 ¹/₂ Ton, 2-Wheel, M353 (2330-542-2831), September 1961

File 11: TM 9-2330-256-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual for Chassis, Trailer: ³/₄-Ton; 2-Wheel, M116 (2330-542-5987), January 1961

File 12: TM 9-2330-256-24P – Department of the Army Technical Manual – Organizational and Field Maintenance Repair Parts and Special Tool List for Chassis, Trailer: ³/₄-Ton, 2-Wheel, M116 (2330-542-5987), January 1961

File 13: TM 9-2330-257-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual for Semitrailer, Van: Electronic, 6-Ton, 2-Wheel, XM555 (2330-829-8619), Semitrailer, Van: Electronic, 6-Ton, 2-Wheel, XM556 (2330-525-1318), Semitrailer, Van: Electronic, 10-Ton, 4-Wheel, XM557 (2330-525-1323), Semitrailer, Van: Electronic, 10-Ton, 4-Wheel, XM558 (2330-525-1324), November 1961

File 14: TM 9-2330-257-24P – Department of the Army Technical Manual – Organizational and Field Maintenance Repair Parts and Special Tools List for Semitrailer, Van: Electronic, 6-Ton, 2-Wheel, XM555 (2330-829-8619), November 1961

File 15: TM 9-2330-264-14P – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Instructions Repair Parts and Special Tools List for Trailer, Air Conditioner: 2-Wheel, M463, August 1962

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File 01: TM 9-2330-272-14 – Department of the Army Technical Manual – Operator, Organizational, Direct and General Support Maintenance Instructions with Repair Parts and Special Tool List for Semitrailer, Tank: Fuel Servicing, 5,000-Gal., 4-Wheel, M131A4C (2330-994-9458), February 1965

File 02: TM 9-2330-275-14 – Department of the Army Technical Manual – Operator, organization, Direct and General Support Maintenance Manual (Including Repair Parts List) for Dolly Set, Life, Transportable Shelter: XM689 (23330-226-6076) Composed of Dolly, Trailer, Front: XM690 (2330-226-6077) and Dolly, Trailer, Rear: XM691 (2330-226-6078), June 1965 File 03: TM 9-2350-201-12 – Department of the Army Technical Manual – Operation and Organizational Maintenance 76-MM Gun Full Tracked Combat Tanks M41 (T41E1) and M41A1 (T41E2), July 1958 (1 of 2)

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File 01: TM 9-2350-206-12 – Department of the Army Technical Manual – Operation and Organizational Maintenance – Tank, Combat, Full Tracked, 120-mm Gun M103 (T43E1), October 1958

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File 03: TM 9-2350-210-12 – Department of the Army Technical Manual – Operation and Organizational Maintenance 155-mm Self Propelled Gun Cannon M53 (T97) and 8-Inch Self Propelled Howitzer Cannon M55 (T108), July 1959

File 04: TM 9-2350-210-20P – Department of the Army Technical Manual – Organizational Maintenance Repair Parts and Special Tools List for Gun, Self-Propelled, Full Tracked: 155-MM, M53 (T97) (2350-739-3840) and Howitzer, Self-Propelled, Full Tracked: 8-Inch, M55 (T108) (2350-739-3841), November 1959

File 05: TM 9-2350-212-12 – Department of the Army Technical Manual – Operator's and Organizational Maintenance – Rifle, Self-Propelled – Full Tracked, Multiple, 106-mm, M50, December 1959

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File 01: TM 9-2350-213-20 – Department of the Army Technical Manual – Organizational Manual – Gun, Self-Propelled, Full-Tracked: 90-mm, M56 (2350-508-1060), June 1958 File 02: TM 9-2350-213-20P – Department of the Army Technical Manual – Organizational Maintenance Repair Parts and Special Tools for Gun, Self-Propelled, Full Tracked, 90-mm, M56, June 1958

File 03: TM 9-2350-214-20 – Department of the Army Technical Manual – Organizational Maintenance Manual – Tank, Combat, Full Tracked: 120-MM Gun, M103A1 (T43E2) (2350-608-5603), January 1961

File 04: TM 9-2350-217-25P/1 – Department of the Army Technical Manual – Organizational, D, GS, and Depot Maintenance Repair Parts and Special Tool Lists for Howitzer, Light, Self-Propelled: 105MM, M108 (2350-440-8810) and Howitzer, Medium, Self-Propelled: 155MM, M109 (2350-440-8811) Hull, Suspension, and Related Items, February 1966

File 05: TM 9-2350-217-25P/2 – Department of the Army Technical Manual – Organizational, DS and GS and Depot Maintenance – Repair Parts and Special Tool List – Cab and

Miscellaneous Components Howitzer, Medium, Self-Propelled: 155mm, M109 2350-440-8811, November 1964

File 06: TM 9-2350-217-35P/2 – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool Lists for Howitzer, Light, Self-Propelled: 105-MM, T195E1 (2350-440-8810) and Howitzer, Medium, Self-Propelled: 155-Mm, T196E1 (2350-440-8811) Elevating and Traversing Systems, September 1962

File 07: TM 9-2350-222-10 – Department of the Army Technical Manual – Operator's Manual – Vehicle, Combat Engineer, Full Tracked: T118E1 W/E (2350-795-1797), August 1965

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File 01: TM 9-2350-222-25P – Department of the Army Technical Manual – Organizational, Direct and General Support, and Depot Maintenance Repair Parts and Special Lists for Vehicle, Combat Engineer, Full Tracked: T118E1 W/E (2350-795-1797), October 1965 File 02: TM 9-2350-222-35/1 – Department of the Army Technical Manual – Direct and General Support and Depot Maintenance Manual for Vehicle, Combat Engineer, Full Tracked: T118E1 W/E (2350-795-1797), December 1965

File 03: TM 9-2350-224-35 – Department of the Army Technical Manual – Tank, Combat, Full Tracked: 90-MM Gun, M48A3 (2350-895-9194), June 1963

File 04: TM 9-2520-215-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool List for Transmission, Cross-Drive, Assembly (7709707) (Allison Div. – GMC Model XT-1400-2A), Composed Of: Center Section Assembly (2320-692-5286), Output Reduction, LH, Assembly (2520-692-5258), Output Reduction, RH., Assembly (2520-692-5259) and Transmission, Cross-Drive, Assembly (8350910), (Allison Div.-GMC Model XT-1410-2), Composed of: Center Section Assembly (2520-678-7030), Output Reduction, LH, Assembly (2520-678-7031), Output Reduction, RH, Assembly (2520-678-7032), End Item Application: Recovery Vehicle, Full Tracked: Heavy, M51 (TM 9-2320-204) Recovery Vehicle, Full Tracked: Medium, M88 (TM 9-2320-222), May 1961

File 05: TM 9-2520-223-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tools List for Transmission, Cross-Drive, with Container, Assembly 2520-649-8542, 2520-774-8333, and 2520-068-7792 (Allison-GMC Models CD-850-5, CD-850-6 and CD-850-6 A), May 1963

File 06: TM 9-2520-236-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Transmission, Automatic Assembly 2520-679-8032 (Allison Div., GMC, Model TX-200-2) End Item Application Carrier, Personnel Full Tracked: Armored M113-TM 9-2300-224, June 1960

File 07: TM 9-2520-238-34P – Department of the Army Technical Manual – Direct and General Support Maintenance Manual (Including Direct and General Support and Depot Maintenance Repair Parts and Special Tool List) for Gearcase, Transfer, Assembly – 2520-020-2334, 2520-572-8605 and 2520-711-8377; Differential, Steering Control, Assembly – 2520-714-6135; Brake, Pivot Steer, Assembly – (10932285); and Cylinder, Brake, Master, Assembly – 2530-679-9169, April 1965

File 08: TM 9-2520-242-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Differential Assemblies, Front – 2520-720-4945, Rear-2520-727-5567, (Spicer-Model 27), End Item Application – Truck, Utility, ¹/₄ Ton, 4 x 4, Lightweight, M422 (2350-546-3099), April 1960

File 09: TM 9-2520-245-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool List for Transmission, Hydraulic with Container Assembly 2520-649-8541, 2520-649-8540, and 2520-971-5014 Detroit Transmission – GMC Models 301MG, 303M, 305MC, March 1963

File 10: TM 9-2520-246-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool List for Transmission (2520-347-4530) Transfer (2520-786-0206, 2520-741-2632, 2520-737-2006, 2520-692-6120), and Power Take-Off (2520-741-3281, 2520-706-1137, 2520-786-0208, 2520-706-1136), July 1962

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File 01: TM 9-2520-254-35 – Department of the Army Technical Manual – Direct and General Support and Depot Maintenance Repair Parts and Special Tools List) for Transmission, Automatic, w/ Container, Assembly 2520-066-4239 (Allison Div., GMC Model TX 100-1), August 1964

File 02: TM 9-2530-208-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual for Steer Gear and Container Assembly (2520-894-9531) (Allison Model GS100-3) End Item Application – Carrier, Cargo, Amphibious, Tracked-M116 (TM 9-2320-223) Carrier, Personnel, Full-Tracked Armored, T114 (TM 9-2320-224), July 1962

File 03: TM 9-2530-208-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tools List for Steer Gear and Container Assembly (2520-894-9531) (Allison Model GS100-3), July 1962

File 04: TM 9-2590-206-15 – Department of the Army Technical Manual – Operator, and Organizational, Field and Depot Maintenance Manual – Bulldozer, Earth Moving: Tank Mounting, M8A1 (M8E1) (2590-649-5937), September 1961

File 05: TM 9-2590-206-25P – Department of the Army Technical Manual – Organizational, Field and Depot Maintenance Repair Parts and Special Tool List for Bulldozer, Earth Moving: Tank Mounting, M8A1 (M8E1) (2590-649-5937), March 1962

File 06: TM 9-2590-209-14 – Department of the Army Technical Manual – Operator, Organizational and Field Maintenance Manual (Including Organization, and Field Maintenance Repair Parts List) for Bulldozer, Earth-Moving: Tank-Mounting, M9 (2590-708-3563), End Item Application: Tank, Combat, Full-Tracked: 105-MM Gun, M60 and M60A1 (TM9-2350-215-10), April 1963

File 07: TM 9-2805-203-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual for Engine, Assembly with Accessories (Continental Model R-6602) and Clutch (Rockford Model 15TM), January 1965

File 08: TM 9-2805-203-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tools List for Engine, Assembly w/ Accessories (Continental Model R-6602) and Clutch (Rockford Model 15 TM) w/ All Accessories, September 1963

File 09: TM 9-2805-205-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts List for Engine Gasoline: "V" Type, Air Cooled 12-Cyclinder (Continental Model AV-1790-5-A) (2805-772-1825), (Continental Model AV-1790-5B) (2805-739-8577), (Continental Model AV-1790-7 (2805-735-5952), (Continental Model AV-1790-7B (2805-695-6207), (Continental Model AV-1790-7C) (2805-690-3009), November 1961 File 10: TM 9-2805-206-35 – Department of the Army Technical Manual – Field and Depot Maintenance Model Engine, Gasoline: "V" Type, Air Cooled, 12-Cylinder, Fuel Injected, Supercharged -2805-695-6237 (Continental Model AUSI-1790-6) and Fuel Injected, (Unsupercharged) -2805-293-9662 (Continental Model AVI-1790-8), End Item Application: Tank, Combat, Full Tracked, 90-MM, M48A2 (TM 92350-208), Tank Recovery Vehicle: heavy, M51 (TM 9-2320-204), November 1959

File 11: TM 9-2805-206-35, C1 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Engine, Gasoline: "V" Type, Air-Cooled, 12 Cylinder, Fuel Injected, Supercharged-2805-695-6237 (Continental Model AVSI-1790-6), Fuel Injected, Supercharged-2805-706-9059 (Continental Model AVSI-1790-6A), Fuel Injected, Unsupercharged-2805-293-9662 (Continental Model AVI-1790-8), End Item Application: Tank, Combat, Full Tracked: 90-MM Gun, M48A2 (TM 9-2350-208), Recovery Vehicle, Full Tracked: Heavy, M51 (TM 9-2320-204), Recovery Vehicle, Full Tracked: Medium, M88 (TM 9-2320-222), Tank, Combat, Full Tracked: Flame Thrower, M67A1 (TM 9-2350-208), May 1961 (1 of 3)

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File 01: TM 9-2805-206-35, C1 – Department of the Army Technical Manual – Field and Maintenance Manual Engine, Gasoline: "V" Type, Air-Cooled, 12 Cylinder Fuel Injected, Supercharged-2805-695-6237 (Continental AVSI-1790-6), Fuel Injected, Supercharged-2805-706-9059 (Continental Model AVSI-1790-6A), Fuel Injected, Unsupercharged-2805-293-9662 (Continental Model AVI-1790-8), End Item Application: Tank, Combat, Full Tracked: 90-MM Gun, M48A2 (TM 9-2350-208), Recovery Vehicle, Full Tracked: Heavy, M51 (TM 9-2320-204), Recovery Vehicle, Full Tracked: Medium, M88 (TM 9-2320-222), Tank, Combat, Full Tracked: Flame Thrower, M67A1 (TM 9-2350-208), May 1961 (2 of 3)

File 02: TM 9-2805-206-35, C1 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Engine, Gasoline: "V" Type, Air-Cooled, 12 Cylinder, Fuel Injected, Supercharged-2805-695-6237 (Continental Model AVSI-1790-6), Fuel Injected, Supercharged-2805-706-9059 (Continental Model AVSI-1790-6A), Fuel Injected, Unsupercharged-2805-293-9662 (Continental Model AVI-1790-8), End Item Application: Tank, Combat, Full Tracked: 90-MM Gun, M48A2 (TM 9-2350-208), Recovery Vehicle, Full Tracked: Heavy, M51 (TM 9-2320-204), Recovery Vehicle, Full Tracked: Medium, M88 (TM 9-2320-222), Tank, Combat, Full Tracked: Flame Thrower, M67A1 (TM 9-2350-208), May 1961 (3 of 3)

File 03: TM 9-2805-211-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts Allowances for Engine and Clutch 2805-698-0277 (Willy's Model AO-4-53), June 1958

File 04: TM 9-2805-212-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual Engine, Gasoline, Fuel Injected, Supercharged, Horizontal-Opposed, Air Cooled, Six Cylinder, Assembly-2805-528-6015 (Continental Model AOSI-895-5 and AOSI-895-5M), End Item Application: Gun, Self-Propelled, Full Tracked: Twin 40-MM, M42A1 (TM 9-2350-202); Howitzer, Self-Propelled, Full Tracked: 105-MM, M52A1 (TM 9-2350-209); Howitzer, Self-Propelled, Full Tracked: 155-MM, M44A1 (TM 9-2350-203); Tank, Combat, Full Tracked: 76-MM Gun, M41A2 (TM 9-2350-201); Tank, Combat, Full Tracked: 76-MM Gun, M41A3 (TM 9-2350-201); and Tractor, Full Tracked, High Speed: M8A2 (TM 9-2410-200), December 1959

File 05: TM 9-2805-212-35P – TO 38G2-6-154 – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool List for Engine, Gasoline: Fuel Injected, Supercharged, Horizontally-Opposed, Air Cooled, 6-Cylinder, w/ Container Assembly (2805-649-8551) (Continental Model AOSI-895-5 and AOSI-895-5M), Composed of: Engine Assembly (2805-528-6015) and Container Assembly (8115-695-8943), October 1962 File 06: TM 9-2805-213-34 – Department of the Army Technical Manual – Field Maintenance Manual Engine Assembly (2805-678-1820) and Clutch End Item Application: Truck, Utility: 1/4- Ton, 4 x 4, M151 (TM9-2320-218-10), December 1960

File 07: TM 9-2805-213-34 – Department of the Army Technical Manual – Field Maintenance Manual Engine Assembly (2805-678-1820) and Clutch End Item Application: Truck, Utility: ¹/₄-Ton, 4 x 4, M151 (TM 9-2320-218-10), January 1963

File 08: TM 9-2805-213-34P – Department of the Army Technical Manual – Field Maintenance Repair Parts and Special Tools List for Engine Assembly (2805-678-1820) and Clutch End Item Application: Truck, Utility: ¼-Ton, 4 x 4, M151 (TM 9-2320-218), October 1960

File 09: TM 9-2805-217-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual: Engine and Clutch AMC Model AU-108-4 End Item Application Truck, Utility: ¹/₄-Ton, Lightweight, M422, May 1960

File 10: TM 9-2805-222-35 – Department of the Army Technical Manual – Department of the Air Force Technical Order – Field and Depot Maintenance Manual for Engine (Reo Model OA-331) Clutch (Long Model 12-CF) (2805-643-8550), February 1964

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File 01: TM 9-2805-222-35P – TO 38V2-1-194 – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tools List for Engine with Accessories Assembly (2805-643-8550) (Reo Model OA-331) – Departments of the Army and the Air Force, April 1962

File 02: TM 9-2815-200-34 – Department of the Army Technical Manual – Field Maintenance for Engine, Diesel, Turbosupercharged, Fuel Injection, 10-Degree "V" Type, Air-Cooled, 12-Cylinder, Assembly (Continental Model AV05-1790-2), February 1963

File 03: TM 9-2815-204-35P – Department of the Army Technical Manual – Direct Support, General Support and Depot Maintenance Repair Parts and Special Tool Lists for Engine, Diesel (Multifuel): Turbocharged, Fuel Injected, Water Cooled, 6-Cylinder, Assembly (2815-897-5061) (Military Model LDS-427-2) and Clutch, Assembly (ORD 778995) (Long Model 13CF), End Item Application: Truck, Cargo: 2-1/2 Ton, 6 x 6, M44 Series (Multifuel) – (TM 9-2320-209), January 1965

File 04: TM 9-2815-205-34 – Department of the Army Technical Manual – Direct and General Support Maintenance Manual (Including Direct and General Support and Depot Maintenance Repair Parts and Special Tools List for Engine, Diesel, Liquid Cooled, V-Type, Six Cylinder, w/ Container-2815-022-6732 (Detroit Diesel – GMC Model 6V53), May 1965

File 05: TM 9-2815-207-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tools List for Engine, Assembly, w/ Accessories (Mack Model ENDT-673) (2815-980-7092) and Clutch (Rockford Model 15TM) w/All Accessories, May 1963

File 06: TM 9-2815-210-35 – Department of the Army Technical Manual – Direct Support, General Support, and Depot Maintenance for Engine, Diesel, (Multifuel): Turbocharged, Fuel Injected, Water Cooled, 6-Cylinder Assembly- 2815-076-5998 (Military Model LDS-465-1), July 1964

File 07: TM 9-2835 – Department of the Army Technical Manual – Lubrication, May 1949 File 08: TM 9-2857 – Department of the Army Technical Manual – Storage Batteries- Lead-Acid Type, May 1945

File 09: TM 9-2865 – Department of the Army Technical Manual – Instruction Guide: Repair of Slide Fasteners, January 1944

File 10: TM 9-2910-200-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual for Pump, Injector, Fuel Assembly 2910-33-5006 (Simmonds Model SU-15G3), Pump, Injector, Fuel Assembly 2910-571-6766 (Simmonds Model SU-570), Pump, Injector, Fuel Assembly 2910-571-6981 (Simmonds Model SU-15C5) and Pump, Injector, Fuel Assembly 2910-695-2962 (Simmonds Model SU-15D7), End Item Application: Engine, Gasoline: 6-Cylinder, Continental Model AOI-402-5 (TM 9-2805-210), 6-Cylinder, Continental Model AOI-402-5 (TM 9-2805-210), 6-Cylinder, Continental Model AVI-1790-8 (TM 9-2805-206), December 1959 File 11: TM 9-2910-202-35 – Department of the Army Technical Manual – Field and Depot Maintenance – Carburetor Assembly 2910-607-3530 (Tillotson Model MD-107A), June 1958

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File 01: TM 9-2910-202-35P – Department of the Army Technical Manual – Field and Depot Maintenance – Repair Parts Allowances for Carburetor 2910-607-3530 (Tillotson Model No. MD-107A), June 1958

File 02: TM 9-2910-203-35P – Department of the Army Technical Manual – Field and Depot Maintenance – Repair Parts Allowances for Fuel Pump 2910-587-1430 (A.C. Model No. 4426-FD), June 1958

File 03: TM 9-2910-206-34 – Department of the Army Technical Manual – Field Maintenance Manual – Carburetor Assembly (2920-678-1359) (Holley Model 2160) –End Item Application: Engine, Gasoline: 4-Cylinder, Ford Model M151 (TM 9-2805-213-34), September 1960 File 04: TM 9-2910-206-34P – Department of the Army Technical Manual – Field Maintenance Repair Parts for Carburetor Assembly (2910-678-1857) (Holley Model 2160) – End Item Application: Engine, Gasoline: 4-Cyclinder, Ford Model M151 (TM 9-2805-213-34), October 1963

File 05: TM 9-2910-208-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Carburetor (2910-724-3195) Holley 1904F – End Item Application: Engine: Gasoline – AMC Model AV-108-4 (TM 9-2805-217-35), April 1960

File 06: TM 9-2910-209-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Fuel Pump (7034643) AC Series EP – End Item Application: Truck, Utility: ¹/₄-Ton, 4x4, Lightweight, M422 (2320-546-3099), February 1960

File 07: TM 9-2910-223-35 – Department of the Army – Field and Depot Maintenance Manual (Including Field and Depot Maintenance Repair Parts and Special Tools List) for Pump, Metering, Fuel Injection, Assembly 2910-860-233 and 2910-968-6317 (American Bosch Model PSB-6A) – End Item Application: Engine Diesel (Multifuel): 6-Cylinder, Continental Model LDS-427-2 (TM 9-2815-104), January 1964

File 08: TM 9-2920-309-35 – Department of the Army – Field and Depot Maintenance Manual (Including Field and Depot Maintenance Repair Parts) for Generator Assembly (2920-737-4750) (Electric Autolite Model GHA-4802 UT) End Item Application: Engine, Gasoline: American Motors Model AV 108-4 (TM 9-2805-217), Ford Model M151 (TM 9-2805-213), Willys Model MD (TM 9-8015-1), Dodge Model T-245 (TM 9-1840A), GMC Model 302 (TM 9-8025-1), REO Model OA331 (TM 9-2805-222), Continental Model R 6602 (TM 9-2805-205), Le Roi Model T-H844 (TM 9-8003-1), Engine, Diesel: Mack Model ENDT 673 (TM 9-2815-207), Engine, Multifuel: Continental Model LDS-427-2 (TM 9-2815-204), Military Model LDS-465-1 (Tm 9-2815-210), March 1964

File 09: TM 9-2920-212-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual – Magneto, Ignition, Assembly – 2920-529-8247, 2920-740-3411, 2920-740-3411, 2920-740-3411, 2920-737-2995, and 2920-753-9854 (Bendix-Scintilla Types S4LN-32 and S6LN-32) – End Item Application: Engine, Gasoline: 4-Cylinder Continental Model AOI-268-3A and -3B (TM 9-7605-1), 6-Cylinder Continental Model AOI-402-5 (TM 9-2805-210), 6-Cylinder Continental Model AOS-895-3 (TM 9-1730A), 6-Cylinder Continental Model AO-895-4 (TM 9-1755BB), 6-Cylinder Continental Model AOSI-895-5 (TM 9-1805-212), 12-Cylinder Continental Model AV-1790-5B (TM 9-7009-1), 12-Cylinder Continental Model AV-1790-7B (TM 9-7009-1), 12-Cylinder Continental Model AV-1790-7C (TM 9-7009-1), 12-Cylinder Continental Model AVI-1790-8 (TM 9-2805-206), June 1960

File 10: TM 9-2920-214-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual (Including Field and Depot Maintenance Repair Parts) for Generator Assembly (2920-735-5736), March 1964

File 11: TM 9-2920-220-34P – Department of the Army Technical Manual – Field Maintenance Repair Parts for Distributor Assembly (2920-678-1399) (Autolite Model IAU 4020) – End Item Application: Engine, Gasoline: 4-Cylinder, Ford Model M151 (TM9-2805-213), July 1960 File 12: TM 9-2920-221-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual for Starter, Engine, Electrical, Assembly – 2920-710-1752 (Leece-Neville Model M001-7026MC) – End Item Application: Engine, Diesel: 12-Cylinder, Continental Model AVDS-1790-2 (TM 9-2815-200), June 1960

File 13: TM 9-2920-222-34 – Department of the Army Technical Manual – Direct and General Support – Maintenance Manual (Including Direct and General Support and Depot Maintenance Repair Parts List) for Starter, Electrical, Engine, Assembly 2920-784-1708 and 2920-953-9708 (Auto-Lite Models MEK-6001T and MEK-6001AT), June 1965

File 14: TM 9-2920-224-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual For Generator, Engine, Assembly (300-AMP) – 2920-294 File 15: TM 9-2920-224-35 – Department of the Army Technical Manual – Department of the Army Technical Manual – Field and Depot Maintenance Manual (Including Field and Depot Maintenance Repair Parts List) for Generator, Engine, Assembly (300-AMP) 2920-294-3472, 2920-445-0857, 2920-563-0299, 2920-786-1175, 2920-830-1293, 2920-830-6660, and 6115-629-1149 (Lear Siegler (formerly JACK and HEINTZ) Models G22, G22-2, G22-3, G22-6, G22-6F, G22-7, G22-7F, and G22-9), February 1964

File 16: TM 9-2920-224-35P - Department of the Army Technical Manual - Field Depot Maintenance Repair Parts List for Generator, Engine, Assembly (300-AMP) 2920-294-3472, 2920-607-2623, 2920-830-6660, and 2920-445-0857 (JACK and HEINTZ Models G22, G22-2, G22-3, G22-6, G22-7) – End Item Application: Gun, Self-Propelled, Full Tracked: 155-mm, M53 – (TM9-2350-210), Howitzer, Self-Propelled, Full Tracked: 8-Inch, M55 – (TM 9-2350-210), Recovery Vehicle, Full Tracked: Heavy, M51 – (TM 9-2320-204), Recovery Vehicle, Full Tracked: Medium, M88 - (TM 9-2320-222), Tank, Combat, Full Tracked: 90-mm Gun, M48, M48A1, M48C – (TM 9-7012), Tank, Combat, Full Tracked: 90-mm Gun, M48A2 – (TM 9-7022), Tank, Combat, Full Tracked: 105-mm, M60 – (TM 9-2350-215), Tank, Combat, Full Tracked: 120-mm Gun, M103 – (TM 9-2350-206), Tank, Combat, Full Tracked: 120-mm Gun, M103A1 – (TM 9-2350-214), Tank, Combat, Full Tracked: Flame Thrower, M67 – (TM 9-7012), Tank, Combat, Full Tracked: Flame Thrower, M67A1 – (TM 9-7022), May 1961 File 17: TM 9-2920-225-35 – Department of the Army Technical Manual – Direct and General Support and Depot Maintenance Manual (Including Direct and General Support and Depot Maintenance Repair Parts List) for Generator, Engine, Assemblies (Alternating Current) 2920-050-8221, 2920-314-0556, 2920-475-1446; 2920-818-8635, 7954722, and 10929868 (Leece-Neville Models 2134, 3002, 5258, 5300, 5230, and 5504), August 1964 File 18: TM 9-2920-232-34, TO 38X14-2-32 – Department of the Army Technical Manual – Field Maintenance Manual (Including Field and Depot Maintenance Repair Parts List) for Starter, Engine, Electrical, Assembly 2920-796-2616 and 2920-973-1557 (Delco-Remy – GMC Model 1109972) – End Item Application: Engine, Diesel: 12-Cylinder, Continental Model AVDS-1790-2 (TM 9-2815-200) and 12-Cylinder, Continental Model AVDS-1790-2A (TM 9-2815-200), November 1962

File 19: TM 9-2920-232-35 – Department of the Army Technical Manual – for Starter, Engine, Electrical, Assembly (2920-796-2616) (Delco-Remy Model 1109972), End Item Application Tank, Combat, Full Tracked: 105-mm Gun, M60 (TM 9-2350-215), August 1961

File 20: TM 9-2920-232-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts List for Starter, Engine, Electrical, Assembly (2920-796-2616) (Delco-Remy Model 1109972) – End Item Application – Tank, Combat, Full Tracked: 105-mm Gun, M60 (TM 9-2350-215), July 1961

File 21: TM 9-2920-236-35 – Department of the Army Technical Manual – Field and Depot Maintenance for Starter, Engine, Electrical, Assembly – (2920-852-5483) (Electric Auto-Lite Model MBD-4043UT) – End Item Application: Engine, Diesel (Multi-Fuel): 6-Cylinder, Continental Model LDS-427-2 – (TM 9-2815-204), February 1962

File 22: TM 9-2920-236-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts List for Starter, Engine, Electrical, Assembly (2920-852-5483) (Electric Auto-Lite Model MBD-4043UT) – End Item Application: Engine, Diesel (Multi-Fuel): 6-Cylinder, Continental Model LDS-427-2 (TM 9-2815-204), January 1962

File 23: TM 9-2990-200-34 – Department of the Army Technical Manual – Field Maintenance Manual (Including Field and Depot Maintenance Repair Parts and Special Tool Lists) for Turbosupercharger, Engine, Assembly – 2990-678-4677, 2990-678-4678, 2990-064-6263 and 2990-064-6264 (Schwitzer Model D6S) – End Item Application: Engine Diesel: 12-Cylinder, Continental Model AVDS-1790-2 (TM 9-2815-200), 12-Cylinder, Continental Model AVDS-1790-2A (TM 9-2815-200), November 1962

File 24: TM 9-2990-200-35 – Department of the Army Technical Manual – Field and Depot Maintenance Manual for Turbosupercharger, Engine, Assembly (2990-678-4677 and 2990-678-4678) (Schwitzer Model D6S) – End Item Application: Engine, Diesel: 12-Cylinder, Continental Model AVDS-1790-2 (TM 9-2815-200), June 1960

File 25: TM 9-2990-201-45 – Department of the Army Technical Manual – General Support and Depot Maintenance Manual (Including Repair Parts and Special Tools List) for Turbocharger, Engine, Assembly – 2990-860-2332 (Schwitzer Model 4-450), 2990-074-8930 (Schwitzer Model 4-456), 2990-974-7583 (Schwitzer Model 4D-554), 2990-976-9909 (Schwitzer Model 4D-454C) – End Item Application: Engine, Diesel (Multi-Fuel): 6-Cylinder, Continental Model LDS-427-2 (TM 9-2815-204), Engine, Diesel (Multi-Fuel): 6-Cylinder, Military Model LDS-465-1 (TM 9-2815-210), Engine, Assembly w/Accessories: 6-Cylinder, Mack Model ENDT-673 (TM 9-2815-207), September 1964

File 26: TM 9-3004 – Department of the Army Technical Manual – 8-Inch Howitzer M2 Carriage M1 and Heavy Carriage Limber M5, June 1953

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File 01: TM 9-3025 – Department of the Army Technical Manual – Ordnance Field and Depot Maintenance 155-mm Gun M46 (T80) 8-Inch Howitzer M47 (T89) and 155-mm Gun and 8-Inch Howitzer Mount M86 (T58), September 1957

File 02: TM 9-3026-1 – Department of the Army Technical Manual – Improved Antiaircraft Fire Control System T38 Operation, December 1955

File 03: TM 9-3028, TO 11W2-5-6-21 – Operation and Organizational Maintenance – 90-mm Guns M2A1 and M2A2 and Antiaircraft Gun Mounts M2 and M2A1 – Departments of the Army and the Air Force, October 1956

File 04: TM 9-3045, TO 11W2-5-2-32 – Department of the Army Technical Manual – Ordnance Field and Depot Maintenance 40-mm Dual Automatic Gun M2A1 and 40-mm Twin Gun Mount M4E1, November 1956

File 05: TM 9-3053 – Department of the Army Technical Manual – Ordnance Maintenance – 105-mm Rifle M27 and 105-mm Rifle Mount M75, March 1954

File 06: TM 9-3071-1 – Department of the Army Technical Manual – Field Maintenance – 60mm Mortars M2 and M19, 60-mm Mortar Mount M5, 60-mm Mortar Baseplate M1; 81-mm Mortars M1 and M29; and 81-mm Mortar and Mounts M4, M23A1, M23A2, and M23A3, January 1958

File 07: TM 9-3140 – Department of the Army Technical Manual – Operation and Organizational Maintenance – 75-mm Rifles M20 and T21E12, Tripod Mount M1917A2, and Weapon Tripod Mount M74, October 1957

File 08: TM 9-3413-206-14, TO 34C2-2-34-1 – Department of the Army Technical Manual – Operation and Organizational and Field Maintenance – 1/3-Horsepower 115-Volt 60-Cycle Single-Phase ¹/₂-Inch Capacity Bench-Mounted Upright Drilling Machine (Delta Power Tool Division Models 14-008 and 14-008A) (3413-529-0809), August 1958

File 09: TM 9-3413-206-50 – Department of the Army Technical Manual – Depot Maintenance – 115-V SGLE-PH 60-C AC 1/3-HP ¹/₂-Inch Capacity Bench Mounted Upright Drilling Machine (Delta Power Tool Division Model 14-008) (3413-529-0809), November 1959

File 10: TM 9-3413-208-14 – Department of the Army – Operation, Organizational Maintenance, and Field Maintenance – Single-Phase 60-Cycle 110-220 Volt ³/₄-HP 1-Inch Capacity, Floor-Type Upright Drilling Machine (Buffalo Forge Models 18K and 18L) (3413-517-1045) (40-P-1178) (New), April 1958

File 11: TM 9-3413-212-14 – Department of the Army Technical Manual – Operation Organizational Maintenance and Field Maintenance – 7/8-Inch Maximum Drill Capacity 16-Inch Swing Single-Phase, 60-Cycle 110-Volt ³/₄ Horsepower Floor-Type Upright Drilling Machine (Walker-Turner Div. Model D-1100) (3413-237-8259) (40-P-1177), April 1958

File 12: TM 9-3413-219-50 – Department of the Army Technical Manual – Depot Maintenance: 115-V 60-C SGLE-PH ¹/₂ HP AC 6 Spindle Speed No.2 Morse Taper Spindle 5/8-Inch-Capacity Bench-Mounted Upright Drilling Machine (Delta Power Tool Division Model 17-306) (3413-221-8726), November 1959

File 13: TM 9-3415-203-50 – Department of the Army Technical Manual – Depot Maintenance – 110-Volt Single Phase 60-Cycle AC 1/3-Horsepower Wire-Gage-Size 1 to 41 Letter-Size A to Z and Fractional-Size 3/32 to ³/₄ Inch Capacity Drill Grinding Machine (Black Diamond Saw and Machine Works Model 3C) (3415-242-5789) (40-G-148-50), June 1958

File 14: TM 9-3145-210-50 – Depot Maintenance – 22-Inch Diameter Capacity 8x3/4 Inch Wheel Size 3-Phase 60-Cycle 220-Volt Rotary Surface Grinding Machine (Van Norman Model 444) (3415-223-6481), November 1959

File 15: TM 9-3415-214-50 – Depot Maintenance – 110-V SGLE-PH 60-C AC ¹/₂-HP Wire-Gage-Size-1 to-41 Letter Size-A to-Z and Fractional Size 3/32 to-3/4-Inch Capacity Bench-Mounted Drill Grinding Machine (Covel Model Yankee 44-L) (3415-242-5789) October 1959 File 16: TM 9-3415-225-50 – Department of the Army Technical Manual – Depot Maintenance Manual – 220/440-V, 3-PH, 60-C AC, 1 1/2 –HP Surface Grinding Machine (Covel Mfg. Co. Model 20) (3415-223-6336), April 1960

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File 01: TM 9-3416-200-35P – Field and Depot Maintenance Repair Parts and Special Tool Lists for 1-Phase, 60-Cycle, 110-Volt, ³/₄-Horsepower, 10-Inch Swing, Bench Type Engine Lathe (Sheldon Machine Co. Model EXL-56B) (3416-517-0955), July 1960

File 02: TM 9-3416-202-50 – Department of the Army Technical Manual – Depot Maintenance: 115/230-V SGLE-PH 60-C AC 1-1/2-HP 14 to 28-Inch Swing Pedestal-Type Extension-Gap Engine Lathe (R.K. Leblond Machine Tool Co., Model Regal) (3416-242-2770), February 1960 File 03: TM 9-3417-203-50 – Department of the Army Technical Manual – Depot Maintenance Manual – 220-V 3-PH 60-C AC Power-Feed Ram-Type Universal Horizontal Milling Machine (Van Normal Co. Model 22LU) (3417-238-7553), February 1960

File 04: TM 9-3419-203-50 – Department of the Army Technical Manual – Depot Maintenance – 110-Volt SGLE-PH 60-C AC ¹/₂-HP 6x6-Inch Capacity Dry-Cut Horizontal Hack Sawing Machine (Champion Blower and Forge Model 2 Champion) (3419-224-7341) (40-S-1325), June 1958

File 05: TM 9-3419-204-50 – Department of the Army Technical Manual – Depot Maintenance – Cutoff Band Saw 110/220 V SGLE-PH 60-C AC ½-HP 8x16-Inch-Capacity (W F Wells and Sons Model H) (FSN 3419-473-6430), November 1959

File 06: TM 9-3419-206-50 – Depot Maintenance – 115-V SGLE-PH 60-C AC 1-HP Vertical Metal-Cutting Bandsaw (Boice-Crane Co. Model BCG-18) (3419-529-0805), February 1960 File 07: TM 9-3419-209-35P – Department of the Army Technical Manual – Field and Depot Maintenance Repair Parts and Special Tool Lists for 7-Inch Stroke, ½-HP, 110V, 60-C, AC, SGLE-PH, Metal Cutting, Horizontal Sharper (Atlas Press Co., Model 7B) (3419-223-0960), May 1961

File 08: TM 9-3432-211-50 – Department of the Army Technical Manual – Depot Maintenance – Arc Welding Machine Selenium-Type 220/440 V. 3 PH, 60C AC, 200-AMP-DC (Westinghouse Electric Model Type RA Style No. 1458520) (FSN 3432-246-8241), February 1959

File 09: TM 9-4910-206-20P – Department of the Army Technical Manual – Organizational Maintenance Repair Parts and Special Tool Lists for 115-V AC/DC Electric Valve Seat Grinding Kit (the United States Electrical Tool Co. Model 2000A) (4910-473-6437), November 1961 File 10: TM 9-4910-228-50, TO 34C2-2-13-22 – Department of the Army Technical Manual – Depot Maintenance 110 V SGLE-PH 60-C AC 3-1/4 to 7-3/8 Capacity Portable Engine Cylinder Boring Machine (Storm-Vulcan Model NK-6) (4910-243-9659), November 1959

File 11: TM 9-4910-229-50 – Department of the Army Technical Manual – Depot Maintenance 2 5/8 to 5 ¼-Inch Capacity Portable Engine-Cylinder Boring Machine (Rottler Boring Bar Co. Model CA No. 2) (FSN 4910-473-6361), December 1958

File 12: TM 9-4910-261-50 – Department of the Army Technical Manual – Depot Maintenance – 16-Inch-Lift 10-Ton Capacity Dolly-Type Hydraulic Jack (Walker Mfg. Co. Model-780) (4910-289-7233) (41-J-154), June 1958

File 13: TM 9-4910-262-50 – Department of the Army Technical Manual – Depot Maintenance 16-Inch-Lift, Two-Speed 10-Ton-Capacity Hydraulic Dolly-Type Jack (Weaver Model WA-75) (4910-289-7233), October 1959

File 14: TM 9-4910-327-50 – Department of the Army Technical Manual – Depot Maintenance 230-V 3-PH 60-C 86-Inch Capacity Crankshaft Micro-Finish Machine (Storm Vulcan Model-135A) (4910-357-1946), November 1959

File 15: TM 9-4910-328-10 – Department of the Army Technical Manual – Operation and Maintenance Instructions 750 LB Lifting Capacity Radiator Holding Pneumatic Lift (Hydraulic Products Model 100J) 4910-357-1874, September 1958

File 16: TM 9-4910-331-10 – Department of the Army Technical Manual – Operator's Manual Connecting Rod Alignment Indicator (Storm-Vulcan, Inc.) (Formerly Storm Mfg. Co.) (Model U-30) (4910-262-0393), March 1960

File 17: TM 9-4910-362-50 – Department of the Army Technical Manual – Depot Maintenance – 3000 Pound Capacity Fork Type Lift Pneumatic Dolly Type Jack (Automotive Equipment Mfg. Co. Model 52 Lee-End-Lift) (FSN 4910-528-4773), November 1959

File 18: TM 9-4910-380-20P – Department of the Army Technical Manual – Organizational Maintenance Repair Parts and Special Tool Lists for 220/240-V, 60-C, 3-PH, 150-AMP Cap., Automotive Generator and Starter Test Stand (United Manufacturing Co., Model 7244) (4910-316-5251), June 1961

File 19: TM 9-4910-387-12 – Department of the Army Technical Manual – Operator and Organizational Maintenance Manual – 110-V 60-C 3-PH Fuel Injector Pump Tester (ORD DWG 11020200) (4910-817-7431), May 1962

File 20: TM 9-4910-402-12 – Department of the Army Technical Manual – Operator and Organizational Maintenance Manual – 6-, 12-, and 24-Volt Low Tension Circuit Automotive Generator and Voltage Regulator Test Set (Electro Mechanisms Corp Model 1060) (4910-092-9136), July 1962

File 21: TM 9-4910-460-10 – Department of the Army Technical Manual – Operator's Manual – Tester, Engine Distributor, Bench Type, 115-Volt, 60-Cycle, Single Phase, for Testing 6-, 12- and 24-Volt Distributors (F. M. Vancampen Associates Model 10000) (4910-392-2939), December 1965

File 22: TM 9-4910-463-10 – Department of the Army Technical Manual – Operator's Manual – Tester, Engine Distributor, Bench Type, 115-Volts, 60-Cycle, Single-Phase, for Testing 6, 12, and 24-Volt Distributors (Allen Electric and Equipment Company Model 30-89) (4910-392-2939), January 1966

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File 01: USAREUR Pamphlet No. 30-60-1 – Identification Handbook Soviet and Satellite Ordnance Equipment, Sixth Revised Edition, Part Two – United States Army, Europe, June 30, 1966

File 02: USAREUR Pamphlet No. 30-60-2 – Identification Handbook Soviet Bloc Airborne Equipment, Light and Transport Aircraft – United States Army, July 1, 1963

File 03: USAWECOMDMWI 1005-222 – US Army Weapons Command – Depot Maintenance Work Instructions for Overhaul of the Rifle, U.S. Cal. .30: M1, June 1965

File 04: USAWECOMDMWI 1005-223 – US Army Weapons Command Depot Maintenance Work Instructions for Overhaul of the Rifle, 7.62mm, M14, May 1965

File 05: Army-Air Force Agreements as to the Initial Implementation of the National Security Act of 1947, September 1947

File 06: Artillery Circular A, January 3, 1893 – the Most Suitable Powder for Use in the 8-Inch M.L. Rifle – Adjutant General's Office, January 3, 1893

File 07: Artillery Circular G, May 24, 1893 – Course of Instruction for Artillery Gunners – Permanent Works and the Attack by Siege Operations – Adjutant General's Office, May 24, 1893

File 08: Artillery Circular 1, Series of 1893 – Course of Instruction for Artillery Gunners – Modern Guns and Mortars Adopted in the United States Land Service, their Carriages, Projectiles, Fuzes, and Sights, 1895

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File 11: Directions for Using the Schofield Combination Screw Driver – Prepared by Maj. G. W. Schofield, 10th U.S. Cavalry, 1878

File 12: Document No. 856 – Machine Gun Service Regulations – Section 22 – War Department, January 1919

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File 14: General Directions for Re-Browning Breech Loading Small Arms, Revolvers, April 1879

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File 16: Glossary of Ordnance Terms, Preliminary Edition, June 1959

File 17: Gun, Recoilless, 120mm - XM63E1 and Mount - XM120, June 1961

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Second Class Gunner - Coast Artillery Corps, U.S. Army, November 1940

File 19: Handbook of Small Arms - Volume 1 - Handguns, December 1954

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File 04: Service Handbook of the Battery Reel, Model of 1917 – War Department, September 11, 1921

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File 06: Springfield Rifle and Carbine - Headless Shell Extractor for Springfield Rifle and

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File 23: Correspondence – From David Ames to Maj. Ripley, Regarding Ames Dam, September 1843

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File 27: Correspondence - From J.C. Bates to Maj. Ripley, Regarding Ames Dam, January 1844

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File 31: Correspondence - From J.C. Bates to Maj. Ripley, Regarding Ames Dam, June 1844

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File 33: Correspondence – From J.M. Ripley to W. Amory, May 1846

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File 37: Correspondence – From R.A. Chapman and Henry Morris to Col. Ripley, February 1951 File 38: Correspondence – From E.D. Breach to Supt. Whitney, July 1857 File 39: Correspondence - From C. Jackson to Edward Ingersoll, February 1864 File 40: Correspondence – Papers Relating to Depositing Money in the 3rd National Bank, March1864-April 1864 File 41: Correspondence – Relating to Opening of Benton Park for Use of City, 1881 File 42: Correspondence - To Secretary of War Robert Lincoln from Springfield City Council and Mayor, Ca. 1883 File 43: Correspondence - From Springfield City Engineer to Col. Phipps Regarding Layout and Public Use of Byers St., January 1902 File 44: Correspondence - From Col. T.J. Smith to Chief of Ordnance, June 1937 File 45: Correspondence – From Wm. H. Butler to Edward Ingersoll, Paymaster, undated File 46: Covenant – Jonathan Dwight, Jr. to the United States, December 1828 File 47: Deed – Copy of Hannah Warriner and Sarah Warriner, November 1764 [Copied June 1845] File 48: Deed – [Copy of] Elizabeth Dwight, Thomas Dwight & Josiah Dwight, January 1791 File 49: Deed – Nathaniel Patten to the United States, June 1795 File 50: Deed – Nathaniel Patten to the United States, June 1795 File 51: Deed – [Copy of] John Ashley to the United States, September 1798 [Copied July 1842] File 52: Deed – [Copy of] The Inhabitants of the Town of Springfield to the United States, August 1801 File 53: Deed – [Copy of] The Inhabitants of the Town of Springfield to the United States, August 1801 [Copied July 1842] File 54: Deed – [Copy of] Town of Springfield to the United States, August 1801 [Copied July 1845] File 55: Deed – [Copy of] George Bliss, John Hooker and William Ely to the United States, August 1801 [Copied July 1842] File 56: Deed – [Copy of] John Ashley to the United States, January 1802 [Copied July 1842] File 57: Deed - [Copy of] Alexander Bliss, Guardian of Warner Lane to Jonathan Dwight, Jr., June 1804 File 58: Deed – [Copy of] Trustees of Ministerial Fund to James Byers, May 1806 File 59: Deed - Copy of Jonathan Dwight, Esq., Thomas Bates, and Jacob Bliss to the United States, October 1807 [Copied June 1842] File 60: Deed – [Copy of] John Ashley to the United States, January 1809 [Copied July 1842] File 61: Deed – [Copy of] James Byers to the United States, January 1809 [Copied July 1842] File 62: Deed – [Copy of] John Ashley to the United States, February 1809 [Copied June 1842] File 63: Deed – Copy [of] Gerald Warner to the United States, March 1809 [Copied June 1842] File 64: Deed – [Copy of] Daniel Ashley to the United States, April 1809 [Copied July 1842] File 65: Deed - [Copy of] David Ashley to the United States, May 1809 File 66: Deed – [Copy of] Jonathan Dwight, Jr. to the United States, June 1809 [Copied June 1842] File 67: Deed – [Copy of] Jacob Bliss to the United States, December 1809 [Copied July 1842] File 68: Deed – [Copy of] Inhabitants of Springfield to the United States, September 1810 File 69: Deed – [Copy of] William Carlisle to the United States, January 1811 [Copied July 1842]

File 70: Deed – [Copy of] Trustees of School Fund to the United States, May 1812 [Copied July 1842]

File 71: Deed - [Copy of] Joseph Carew to the United States, May 1812 [Copied July 1842]

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File 76: Deed - [Copy of] William Wood, Jr. to the United States, May 1812 [Copied July 1842]

File 77: Deed – [Copy of] Er. Cooley to the United States, May 1812 [Copied July 1842]

File 78: Deed – Copy [of] Samuel Wheeler to the United States, June 1812

File 79: Deed - [Copy of] James Byers to Roswell Lee, April 1816

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File 81: Deed – [Copy of] Trustees of School Funds of the Town of Springfield to the United States, September 1817

File 82: Deed – [Copy of] John Ashley to the United States, May 1819 [Copied July 1842]

File 83: Deed – Copy of William Sheldon and Eunice Sheldon to John Munn, July 1822 [Copied June 1845]

File 84: Deed – [Copy of] John Munn and Lucy Munn to Jonathan Dwight, July 1822 [Copied June 1845]

File 85: Deed – Copy of Jonathan Dwight Jr. to Israel E. Trask, August 1822 [Copied June 1845]

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File 06: Deed – [Copy of] James Byers to Henry Stearns, May 1825

File 07: Deed – [Copy of] James Byers to Justice Willard, May 1825

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File 09: Deed – [Copy of] Solomon Hatch to the United States, September 1825 [July 1842]

File 10: Deed – [Copy of] Thadeus Ferre to the United States, June 1826

File 11: Deed – [Copy of] Henry Stearns to George Gardner, May 1827 [Copied June 1845]

File 12: Deed – [Copy of] Israel E. Trask to Charles Stearns, July 1827 [Copied June 1845]

File 13: Deed – [Copy of] Israel E. Trask to Charles Stearns, July 1827

File 14: Deed – [Copy of] George Gardner to Samuel H. Stebbins, September 1827 [Copied June 1845]

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File 17: Deed - Copy of Charles Stearns to Roswell Lee, April 1828 [Copied June 1845]

File 18: Deed – [Copy of] Samuel Stebbins to Roswell Lee, April 1828

File 19: Deed – [Copy of] James Byers to Sam'L H. Stebbins, April 1828 [Copied June 1845]

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- File 61: Deed [Copy of] Elisha Benton to the United States, February 1849
- File 62: Deed Copy of Seth Thayer to the United States, February 1849
- File 63: Deed Copy of Corbin O. Wood and Homer I. Wood, February 1849
- File 64: Deed [Copy of] Luman Spencer to the United States, February 1849
- File 65: Deed Copy of Charles P.L. Warner to the United States, February 1849

File 66: Deed – [Copy of] J.W. Crooks, Guardian for P.E. Aspinwall to the United States, March 1849

- File 67: Deed [Copy of] Orrin C. Andrus to the United States, March 1849
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- File 69: Deed [Copy of] Roswell Shurtleff to the United States, March 1851
- File 70: Deed [Copy of] The Trustees of the School Fund to the United States, August 1851
- File 71: Deed [Copy of] Persis Taylor to the United States, June 1852
- File 72: Deed [Copy of] Western Rail Road Co. to the United States, June 1852
- File 73: Deed [Copy of] James T. Ames to the United States, July 1852
- File 74: Deed [Copy of] Richard Lawrence and Sharps' Rifle Mfg. Co. to the United States, June 1862
- File 75: Deed [Copy of] George Kibbe to the United States, November 1862
- File 76: Deed [Copy of] United States to James T. Ames, March 1867
- File 77: Deed [Draft of] United States to G. Kibbe, 1870
- File 78: Deed [Copy of] Stearns to Putnam, undated
- File 79: Draft Instructions on Surveying Public Land from Col. R. Lee Part 1st Maps, undated

File 80: Grant – [Copy of] From Plantation of Springfield to George Maxon of Plots Along Mill River, c. 1652 [Copied July 1845]

- File 81: Grant [Copy of] Parsonage Lot Sold by George Moxon to Town of Springfield, September 1652 and November 1655 [Copied in July 1845]
- File 82: Instruction For Surveying and Taking Plans of the Public Land and Buildings, May 1823 [with Notes to Col. Lee from Lt. Col. Bumford]
- File 83: Lease Until 1850 of Red Stone Quarry in Longmeadow, August 1847
- File 84: Lease 5 Year Lease of Lower Watershops, June 1850

File 85: Lease – 5 Year Lease of Lower Watershops- with Appended Cancellation of Lease on November 10, 1852, June 1850

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- File 92: Minutes Water Shop Road Laid Out in 1809-1810, March 1811
- File 93: Note Height of Forge Dam and Lowest Dam, 1848
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- File 95: Note on Stone Walls at the Stocking Shop, undated

- File 96: Opinion [Copy of] George Ashmun's Opinion [United States vs. Charles Stearns], June 1845
- File 97: Opinion Geo. Ashmun, Esq. Opinion [on] United States vs. Charles Stearns, July 1845
- File 98: Petition Copy [of] David Ames to Congress, Regarding Ames Dam, April 1844
- File 99: Plan Lands Belonging to the Heirs of Dec'd at Mill River, December 1800

File 100: Plan – [Copy of] Plot of Land Conveyed by the Inhabitants of Springfield by Deed of J. Bliss, J. Brooks and W. Ely, August 1801

File 101: Plan – Land Distroyed [Sic] by the Upper Dam Built by United States, Ca. 1810

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- File 03: Plan Land at Middle Water Shops, June 1830
- File 04: Plan Boundary Lines Between State Street and the United States, October 1830
- File 05: Plan Lots on Prospect Street, Ca. 1845
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- File 13: Report Extracts of Water Rights Laws, 1842-1878, undated
- File 14: Report List of Deeds for the United States grounds, September 1842
- File 15: Report In Regard to Bounds of Land on Armory Hill, October 1842
- File 16: Report Flowage of Upper Watershops Dam, October 1842
- File 17: Report List of Deeds Given to the United States for Land at Springfield, Mass., October 1842

File 18: Report – Examination of Titles By George Ashmun In Matter of the Bounding Line Between the United States and Hon. George Bliss, Ca. 1845

File 19: Report – Names of Watchmen Furnished to the Court of Enquiry, February 1846

File 20: Report – Description of Land to Be Deeded to the United States from the Town of Springfield, April 1846

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File 25: Report – Estimated Quantity of Land Flowed By the United States Watershops Pond,

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File 27: Report – "Save Watershops Pond Because" – Springfield Massachusetts Planning Board, March 1956 File 28: Report - Notes on the Federal Reservation of Springfield Armory - Prepared for the Commanding Officer by the S.A. Legal Office, July 1, 1963 File 29: Report - Estimated Cost of Reservoir 16 Ft. Deep Capacity, undated File 30: Resolution - [Copy of] Relating to the Public Lands Appertaining to the Springfield Amory, 1855-1856 File 31: Statement – [Copy of] In Regard to Bounds of the United States Land at the Upper Watershops and Flowage of Same, October 1809 [Copied October 1842] File 32: Statement – On the Error in the Survey or Conveyance of Land to the United States by Wm. Carlisle and Lemuel Warner and Thomas Warner, January 1824 File 33: Statement – In Regards to Bounds of Lands at Lower Watershops, October 1862 File 34: Statement - On Bounds Near Bowdoin and Factory Streets, Undated File 35: Survey – Mesuration of Piece of Land Owned By Wm. Carlisle, December 1810 File 36: Survey - Of Unknown Plot Adjoining United States Lands, July 1828 File 37: Survey – [Of Land] Five Acres and Ninety-Five Rods Including the River – By J. Ashley, July 1822 File 38: Survey – Land that is Overflowed By Raising the Upper Dam, January 1824 File 39: Survey – Lands Belonging to the United States on the Hill Excluding Franklin Square, October 1828 File 40: Survey – Land Belonging to Wid. Taylor – By Wm. Butler, May 1852 File 41: Table - Field Books of U.S. Armory, undated

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File 03: Records of Leases and Licenses and Reserved Rights and Reversionary Interests of the United States – Springfield Armory, Springfield Mass. – Book No. 1, April 22, 1932, 1876-1952 (3 of 8)

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File 09: Records of Leases and Licenses and Reserved Rights and Reversionary Interests of the United States – Springfield Armory, Springfield Mass. – Book No. 2, September 9, 1948-October 31, 1962 (1 of 4)

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File 05: Deed – Henry Fuller to the United States, December 13, 1864

File 06: Plan – James Byers' Land Plot – J. Ashley, c. 1850

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File 08: Report – Inspection of Permits, Leases, Licenses, Rights of Way and Conveyances

(Reversionary Interest) Affecting the United States Properties at Springfield Armory, 1932, Undated

File 09: Report - Grants of Land to the United States, Watershops and Hill Shops, undated

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File 02: Letter from Secretary of War, Transmitting a Statement of Expenditures at the Armories and the Arms for 1827, March 6, 1828

File 03: "The Armory at Springfield" – Harper's New Monthly Magazine, No. XXVI, Vol. V, July 1852

File 04: Newspaper Clippings, 1874-1968, undated

File 05: Letter from Secretary of War Relative to the Manufacture at the Springfield Armory of the Roberts Breech-Loading Musket and Carbine, February 3, 1875

File 06: A Museum of Guns – The Centennial's Contribution to the Springfield Armory – the Small Arms of All Ages and Peoples – the Springfield Daily Union, August 29, 1877

File 07: Letter from the Secretary of War – Transmitting a Copy of a Memorial from the Associations of Manufacturers of Arms, Ammunition, and Equipments in Relation to the

Manufacture of Arms and Munitions for Supplying the Army and Militia, 1878

File 08: Postcards, 1906-1945, undated

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File 11: Program for "Are We Doing Our Best?" – Springfield Armory and Smith & Wesson, January 15, 1918

File 12: "The Genesis of the Springfield Armory, Mass. (Excerpts from Documents) -

Transcribed by Harry Andrew Wright, Ingersoll Grove, Springfield, Mass.," 1919

File 13: "A Merry Christmas" Program and Menu, December 25, 1920

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File 04: Witham's Essay on WWI at Springfield Armory, c.1920

File 05: [Release for Newspaper by Ray Winans – Photo References: 5NH591, 600SA, September 1923]

File 06: Excerpt from Springfield Sunday Union and Republican, June 1927

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File 08: Articles on Henry Wadsworth Longfellow's "The Arsenal at Springfield," 1930-1949, undated

File 09: "Water Power 1795-1861" from "History of Springfield Armory" by Lt. Whittlesey, January 3, 1936

File 10: American Rifleman, Vol. 86, No. 8, August 1938

File 11: "Springfield Arms, 1794-1939 – Milestones of a Great National Armory" by Clifford A. Miller – Army Ordnance, July-August 1939

File 12: "When Precision Was Young" – by Lt. Col. E.E. MacMorland – American Machinist, December 1939

File 13: "A History of the Springfield Armory" – The Gun Report Monograph, April 1941 File 14: Machine Tools, May 1941

File 15: "Modernization Increases Output at Springfield Armory – by Brigadier General G.H. Stewart – Mill and Factory, June 1941

File 16: Ye Saftie Crier, Vol. 6, No. 8 – United States Engineer Office, February 1942

File 17: Program for Farewell Banquet in Honor of Brigadier General Gilbert H. Stewart, May 1942

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File 06: "History of Springfield Armory" – Volume I, Book I – Constance McLaughlin Green, c. 1942-1951

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File 08: "History of Springfield Armory" – Volume II, Book I – Constance McLaughlin Green, c. 1942-1951

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File 01: "History of Springfield Armory" [Use Copy] – Volume II, Book III, Chapter II – Constance McLaughlin Green, c. 1942-1951

File 02: "History of Springfield Armory" [Use Copy] – Volume II, Book III, Chapter III – Constance McLaughlin Green, c. 1942-1951

File 03: "History of Springfield Armory" [Photocopy of Use Copy] – Volume II, Book III, Chapter I – Constance McLaughlin Green, c. 1942-1951

File 04: "History of Springfield Armory" [Photocopy of Use Copy] – Volume II, Book III, Chapter II – Constance McLaughlin Green, c. 1942-1951

File 05: "History of Springfield Armory" [Photocopy of Use Copy] – Volume II, Book III, Chapter III – Constance McLaughlin Green, c. 1942-1951

File 06: "On to Victory" Dance, February 19, 1943

File 07: Benny Goodman Concert, September 1943

File 08: The Pioneer – Official Publication of the Credit Union League of Massachusetts, May 1944

File 09: Letter from George S. Patton, Jr. to Major General Levin H. Campbell, Jr., January 26, 1945

Series I.A.4, Box 07

File 01: "The Role of Women as Production Workers in War Plants in the Connecticut Valley" by Constance McLaughlin Green – Smith College Studies in History, Vol. XXVII, 1946

File 02: Statistical Overview of Springfield Armory, 1946

File 03: Program for Banquet in Honor of Colonel Stephen H. MacGregor, August 20, 1947

File 04: Visit of Student and Staff Officers of the Industrial College of the Armed Forces, April 9, 1948

File 05: New Year's Eve 1949 Armory Bell Ringing, December 1948

File 06: Christmas Cards, 1948, undated

File 07: The Armory in Springfield – From Scrapbook "Forgotten Facts About Springfield," made by Alice Gale, January 4, 1949

File 08: Armed Forces Day Exhibits and Publicity, April-May 1949

File 09: Brochure on Research and Development at Springfield Armory, 1950-1953

File 10: Informational Brochures - Springfield Armory, [1950-1963]

File 11: Secretary of War Submission of Annexed Information Regarding Springfield Armory, [August 1951]

File 12: "Springfield Armory – Nations Arsenal," February 1952

File 13: Congressional Record – Proceedings and Debates of the 83rd Congress, First Session – John C. Garand, April 30, 1953

File 14: Program for Testimonial Dinner and Dance – John C. Garand, April 30, 1953

File 15: Program for Farewell Dinner and Dance in Honor of Colonel James L. Guion, July 30, 1953

File 16: United States Naval Academy – "Springfield Armory" – An Essay Submitted to the Head of the Department of English, History, and Government by Arthur Riendeau, Jr., February 1954

File 17: Congressional Record – Proceedings and Debates of the 83rd Congress, Second Session – Springfield Armory, Its 160th Anniversary – a Great Institution Dedicated to the National Defense, April 7, 1954

File 18: Program for Farewell Dinner and Dance in Honor of Colonel William J. Crowe, August 25, 1954

File 19: Placecard for Colonel D.G. Ludlam, [September 1954/June 1955]

File 20: Program for Testimonial Dinner to Edson L. Wood, June 15, 1955

File 21: Original Cartoon – Massachusetts Department of Commerce – Commerce Briefs – Vol. II, No. 7, July 1955

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File 01: Program for Dinner and Dance in Honor of Colonel John F. Harlan, May 16, 1957

File 02: American Ordnance Association – Special Meeting Sponsored by Springfield Armory – Small Arms and Small Arms Ammunition Sub-Committee, September 18, 1957

File 03: Program for Farewell Party for R.J. MacFarlane, October 17, 1957

File 04: Program for Armed Forces Day, 1957

File 05: National Match Programs, 1957-1967 (1 of 3)

File 06: National Match Programs, 1957-1967 (2 of 3)

File 07: National Match Programs, 1957-1967 (3 of 3)

File 08: "Organization and Management of the Ordnance Corps – 1945-1958" by Raymond J. Snodgrass – Historical Branch, Executive Office, Office of the Chief of Ordnance, July 1958 File 09: Program for Testimonial Dinner and Dance in Honor of Lt. Col. C.S. Campbell, Capt. J.J. Albertson, P.B. Goetschius, M.D., June 1959

File 10: Program for Veillée D' Au Revoir Colonel Oren E. Hurlbut, September 10, 1959 File 11: Memorandum for the Deputy Chief of Staff for Logistics – the Future of the Arsenal System, September 19, 1960

File 12: Award to Springfield Armory from the Red Cross for Support of Red Cross Blood Program, December 31, 1960, 1961-1967

Series I.A.4, Box 09

File 01: Armed Forces Day Materials, May 19-20, 1961

File 02: Program for Savings Bond Ball, May 11, 1962

File 03: Armed Forces Week Materials, May 13-19, 1962

File 04: Program for Army Conference on Dynamic Behavior of Materials and Structures,

September 26-28, 1962

File 05: Yankee Doings, Vol. XLIV, No. 1, January-February, 1963

File 06: Program for Testimonial Dinner and Dance in Honor of Lt. Col. Charles G. Cordon and Maj. Chris Sanders, March 2, 1963

File 07: Program for Springfield Armory Dedication Ceremony as a Registered National Historic Landmark, April 2, 1963

File 08: Program for Armed Forces Week Dinner Dance, May 15, 1963

File 09: Springfield Armory Welcome Brochure, May 22, 1963

File 10: Program for Farewell Dinner and Dance in Honor of Colonel C.L.P. Medinnis, May 23, 1963

File 11: "Springfield Trial" by C. Meade Patterson – The Gun Report, July-September 1963

File 12: Brief in Support of Springfield Armory Prepared by National Association of Government Employees, Springfield Local R-1-3, c. 1964

File 13: The Springfield Rifle for Springfield Committee Materials – F.E.V.A. Press, C. 1964-1967

File 14: JCA Breakfast Club Event for Armed Forces Week, May 6, 1964

File 15: Program for Retiree Homecoming Day, May 1965

File 16: Packet on Phaseout and Springfield Armory History, November 10, 1965

File 17: Program for Second Annual Luncheon in Honor of the Gallon Club Blood Donors, November 18, 1965

File 18: [Copy of] Congressional Record, Proceedings and Debates of the 89th Congress, Second Session – the Army Arsenal System and the Springfield Armory, March 14, 1966

File 19: Testimonial Dinner & Dance in Honor of Lt. Col. Vincent W. Rasper and Lt. Col. Hal L. Jurgens, September 22, 1966

File 20: "How A City Took Care of Itself" - Nation's Business, September 1967

File 21: Program for Fourth Annual Luncheon Gallon Club Blood Donors, September 21, 1967

File 22: Program for Reception & Dinner Honoring Colonel and Mrs. Arthur H. Sweeney, Jr. October 28, 1967

File 23: Program for New Year's Dinner and Dance "Goodbye '67-Hello '68," December 31, 1967

File 24: Program for Deactivation Ceremony, April 1968

Series I.A.4, Box 10

File 01: "The Death of the Arsenal System? The Decision to Close Springfield Armory" by Edward C. Ezell Presented on April 18, 1968

File 02: "Arms Manufacture at Springfield Armory," undated

File 03: Note about Presidential Visits to Springfield, undated

File 04: Pamphlet on Springfield Armory in the Second World War, September 29, 1939-May 31, 1945, undated

File 05: "Quarters No. 1, Commanding Officer," undated

File 06: The Springfield Arsenal 1776-1861 – Copy by Captain C.B. Hagadoru, U.S.A., undated

Series I.A.4, Box 11 [Oversize flat box] File 01: Scrapbook, April 22, 1846-July 11, 1927, undated

Series I.A.4, Box 12 [Oversize flat box] File 01: Scrapbook, July 24, 1927-February 21, 1932 File 02: Scrapbook, February 17, 1932-December 23, 1937

Series I.A.4, Box 13 [Oversize flat box] File 01: Scrapbook, January 9, 1938-June 25, 1940 File 02: Scrapbook, July 6, 1940-May 6, 1941

Series I.A.4, Box 14 [Oversize flat box] File 01: Scrapbook, March 3, 1943-September 1, 1943 File 02: Scrapbook, September 2, 1943-December 20, 1943 Series I.A.4, Box 15 [Oversize flat box] File 01: Scrapbook, January 1, 1944-July 6, 1944 File 02: Scrapbook, July 4, 1944-November 1, 1944

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Series I.A.4, Box 18 [Oversize flat box] File 01: Scrapbook, November 1, 1954-February 29, 1956 File 02: Scrapbook, January 4, 1955-December 31, 1955

Series I.A.4, Box 19 [Oversize flat box] File 01: January 2, 1956-November 30, 1956 File 02: March 1, 1956-November 24, 1956

Series I.A.4, Box 20 [Oversize flat box] File 01: Scrapbook, December 1, 1956-August 30, 1957 File 02: Scrapbook, September 3, 1957-June 30, 1958

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Series I.A.4, Box 25 [Oversize flat box] File 01: Scrapbook, December 4, 1964-March 21, 1965

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Series I.A.4, Box 28 [Oversize flat box] File 01: Scrapbook, June 19, 1966-January 5, 1967 File 02: Scrapbook, January 1, 1967-September 12, 1967

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File 01: Scrapbook, November 20, 1964-March 29, 1965 (1 of 4)

File 02: Scrapbook, November 20, 1964-March 29, 1965 (2 of 4)

File 03: Scrapbook, November 20, 1964-March 29, 1965 (3 of 4)

File 04: Scrapbook, November 20, 1964-March 29, 1965 (4 of 4)

File 05: Scrapbook, March 1, 1965-April 7, 1965 (1 of 2)

File 06: Scrapbook, March 1, 1965-April 7, 1965 (2 of 2)

Series I.A.4, Box OS 01 [Oversize flat box]

File 10: "Manufacturing Muskets – U.S. Armory, Springfield, Mass" – Harper's Weekly, September 1861

File 11: "Northwestern Armory" by J.M.B. – Scientific American, December 1861

File 12: Napkin - X-Mas 1906 - Springfield Armory - Ordnance Department, 1906

File 13: Newspaper Clippings, 1907-1930

File 14: Leslie's Weekly - "Rifles for America's Army," June 21, 1917

File 15: Certificate of Affiliation of the Automatic Department War-Savings Society of Springfield Armory with the Loan Organization, United States Treasury Department, October 14, 1919

File 16: Certificate of Affiliation of the Planning Department War-Savings Society of Springfield Armory with the Loan Organization, United States Treasury Department, October 15, 1919 File 17: Certificate Presenting Springfield Armory with U.S. Flag, August 1941 [Caution: broken glass]

File 18: "In Your Defense" #1 - CBS - 33 1/3 RPM, August 1944

File 19: "In Your Defense" #2 – CBS – 33 1/3 RPM, August 1944

File 20: "Armory 150 Years Old" – The Minute Man, Vol. III, No. 52, April 1944

File 21: Distinguished Service Award Presented to Springfield Armory by Federal Service Campaign for National Health Agencies, 1960

File 22: Certificate of Appreciation to Springfield Armory From Industrial College of the Armed Forces, January 1962

File 23: Second Year Award to Procurement Division for Outstanding Achievement in the Army Savings Bonds Programs, June 15, 1963

File 24: Award of Merit for Safety to Springfield Armory by US Army Materiel Command, 1964-1966

File 25: Copeland Illustration of Longfellow's the Arsenal at Springfield, undated

File 26: Springfield Armory Victory March Sheet Music, undated

File 27: Oversize Materials from Series I.A.4, c. 1920-1944

Series I.A.4, Map Drawer

File 04: The Springfield Union-Springfield Republican, March 18, 1934

File 05: Seasons Greetings Poster – Springfield Armory, 1960

File 06: Certificate of Merit – Springfield Armory – Awarded to the Tool and Gage Section – Hill Shops – Ordnance Dept., undated

File 07: "US Army Weapons Command Springfield Armory" Parade Banners, undated

Series I.A.5, Box 01: Correspondence

File 01: Correspondence between Fairbanks, Bancroft, Co. and Otis Holmes, July 1843

File 02: Correspondence between Benjamin Moor, Esq. and J. Weatherhead, December 3, 1844

File 03: [Copy of] Correspondence from H.R. Craig to W.H. Clowe, Harper's Ferry Armory, July 30, 1855

File 04: Correspondence between Ridgway & Rufe, P. Valentine, and Major A.B. Dyer Regarding Bayonets, January 1863-May 1864, undated

File 05: Correspondence between Edward Ingersoll, Ordnance Storekeeper/Paymaster and Sharps Rifle Co., April-July 1875

File 06: Note by J.H. Rice, Frankford Arsenal, Regarding Unidentified Object, September 12, 1876

File 07: [Copy of] Ordnance Memoranda, No. 22 – Fabrication of Small Arms for the United States Service by James G. Benton – Government Printing Office, 1878

File 08: Correspondence from Charles H. Fitch, Census Officer, to Major Edward Ingersoll, January 1883

File 09: Office Memorandum from M.W.C to Col. Smith, January 21, 1936

File 10: Correspondence between R.J. Malcolm and Harold T. Greene Regarding History of the U.S. Rifle, Caliber .30, Model 1903, January 28, 1952

File 11: Memoranda on the Development of 3D Photography, November 12, 1953

File 12: Telegram from Wilber M. Brucker, Secretary of the Army, to Tom Fitzgerald, General Manager, Greater Springfield Chamber of Commerce, November 3, 1959

File 13: Correspondence from C.H. Von Lossnitzer, Research and Development Division, to Commanding General, Ordnance Weapons Command, July 12, 1960

File 14: Correspondence between L.L. Ruth and A.L. Everett, Assistant Chief Engineer, Inland Manufacturing Division, General Motors Corporation, January 19, 1966

File 15: Memorandum from the Office of the Secretary of the Army Regarding Hearing Re: Closure of Springfield Armory, March 25, 1966

File 16: Correspondence on Mission, Organization, and Functions of Rock Island Arsenal, October-November 1967

File 17: Envelope signed by Major Dyer, undated

File 18: Envelope with Seal of the Armory, undated

File 19: Envelope Addressed to Ordnance Storekeeper, undated

File 20: Unidentified Correspondence, undated

Series I.B, Box 01: Microfilming and Reproduction Branch

File 01: Booklets, undated

File 02: Prints of Photographs, undated (1 of 5)

File 03: Prints of Photographs, undated (2 of 5)

- File 04: Prints of Photographs, undated (3 of 5)
- File 05: Prints of Photographs, undated (4 of 5)
- File 06: Prints of Photographs, undated (5 of 5)
- File 07: Procedure Step Outline Requisition for Local Printing Service, May 2, 1957

File 08: Technical Drawings, July 30, 1869, undated

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- File 01: Drawings [Originals], 1943, undated
- File 02: Negative Print Sheets Springfield Armory Brochures, undated (1 of 3)
- File 03: Negative Print Sheets Springfield Armory Brochures, undated (2 of 3)
- File 04: Negative Print Sheets Springfield Armory Brochures, undated (3 of 3)
- File 05: Prints of Drawings, undated (1 of 2)
- File 06: Prints of Drawings, undated (2 of 2)
- File 07: Prints of Photographs, undated
- File 08: Prints of Technical Drawings, undated (1 of 2)
- File 09: Prints of Technical Drawings, undated (2 of 2)

Series I.B, Map Drawer

File 08: Layout – Original Artwork for Brochures on Research and Development, Springfield Armory, undated

Series I.C, Box 01: Museum Branch

File 01: Auditor's Report of Inventory, March 12, 1951

File 02: Bailment Agreement – Preliminary Draft Copy for Loan to Springfield Armory Museum, Inc., February 14, 1968

File 03: Brochure - Arsenal and Ordnance Museum Brochures, July 1962, undated

File 04: Brochure - Springfield Armory Museum, November 19, 1967

File 05: Brochure – Springfield Armory and Museum, undated

File 06: Brochure – Springfield Armory Museum, undated

File 07: Catalog – of the Arms and Accoutrements of the Springfield Armory Museum, July 1, 1909

File 08: Catalog – 1909 Catalog with Updates, undated

File 09: Certificate – Henry Woodward's Certificate of Service in United States Navy – Placed on February 13, 1915 in the United States Museum at Springfield Armory, August 29, 1878

File 10: Correspondence – 1907-1928

File 11: Correspondence – Relative to the Museum, 1930-1941

File 12: Correspondence – Between George F. Losee and Colonel Hubbard, Regarding Donation of Remington Shells used by Filipino Insurgents, October 5, 1931

File 13: Correspondence – 1932-1936

File 14: Correspondence - 1940-1949

File 15: Correspondence – Regarding Cal. .50 Machine Guns for Historical Purposes, July 8, 1945

File 16: Correspondence – 1950-1959

File 17: Correspondence – Regarding Relocation of Museum from Building 27C-224 to Building 27B-2, May 1955

File 18: Correspondence – Regarding Remington Pistols, December 1958-December 1960, undated

- File 19: Correspondence To Thomas J. Wallace Regarding Ross Rifle, 1958-1962
- File 20: Correspondence 1960
- File 21: Correspondence To Joseph A. Polcetti, Assistant Curator, 1960-1963
- File 22: Correspondence 1961

File 23: Correspondence – Between Thomas K. Wallace and Lida Mayo, Chief Historian, Office of the Chief of Ordnance, May 9, 1961-May 17, 1962, undated

- Series I.C, Box 02
- File 01: Correspondence 1962
- File 02: Correspondence Regarding Presentation Weapons for John F. Kennedy, Mohammed Musa, and National Match, 1963

File 03: Correspondence – Regarding Transfer of Automatic Firearms from C. Von Kriegsfield to Springfield Armory Museum, 1963-1964

- File 04: Correspondence 1963
- File 05: Correspondence 1964
- File 06: Correspondence Armed Forces Day 1965, March 1965-April 1965
- File 07: Correspondence 1965
- File 08: Correspondence 1966

File 09: Correspondence Regarding MIL-P-149A – Military Specification for Plastic Coating Compound from Thomas J. Wallace to Joseph Ewing, April 10, 1967

- Compound from Thomas J. Wallace to Joseph Ewing, April
- File 10: Correspondence 1967
- File 11: Correspondence 1968
- File 12: Correspondence 1968
- File 13: Correspondence undated
- File 14: Disposition Forms, February 27, 1961-December 27, 1967
- File 15: Fact Sheet Interchange Test B.A.R. Cal. .30 M 1918 A-2, undated
- File 16: Fact Sheet Springfield Rifle, Officer's Model, 1875 National Armory, undated
- Series I.C, Box 03
- File 01: Gun Books, February 15, 1955-October 3, 1961
- File 02: Hand Receipt, May 24, 1960
- File 03: Inventory and Final Disposition of Library Property, undated
- File 04: Inventory Adjustment Reports, January 15, 1951-June 26, 1964
- File 05: Inventory and Inspection Reports, January 5, 1934-November 24, 1939
- File 06: Issue Slips, March 11, 1946-December 29, 1958
- File 07: Issue Slips, January 9, 1959-May 27, 1965
- File 08: Issue Slips, June 15, 1965-March 8, 1968, undated
- File 09: Job Orders, March 11, 1932-January 28, 1953
- File 10: Label Display Text for No. 1972 6 m/m Ball Cartridge, c. 1962
- File 11: Label for Item Donated to the Springfield Armory Museum by the Lt. Balfour Company, April 1, 1948
- File 12: Label Display Text for Hall's Harper's Ferry Rifle, undated
- File 13: Label for Property of Captain Slocum, undated
- File 14: Label Wall Text for Museum Exhibits, undated

Series I.C, Box 04

File 01: List – Springfield Armory Exhibit of Firearms at Sesqui-Centennial International Exposition, 1926

File 02: List - Museum Weapons Transferred to Property for Storage, November 1955

File 03: Manual - Fecker Telescopic Sights - Focusing Instructions, February 13, 1940

File 04: Historical Properties Classification, Cataloging, and Recording – Department of the Army, Office of the Chief of Military History, March 1963

File 05: Material Inspection and Receiving Reports (Domestic), July 5, 1951-August 16, 1967

File 06: Memorandum Routing Slip to Tom Wallace Regarding Retrieval of Books, December 1, 1966

File 07: Memorandum Receipt Property Record – 1955 Inventory, January 1, 1955

File 08: Musical Score – "The Star in My Window" Sheet Music and Letter from Grace A. Stowers to Tom Wallace, July 1962

File 09: News Clippings – Springfield Armory Museum Related, August 10, 1936-February 14, 1965, undated

File 10: Notes, July 30, 1932-December 10, 1955, undated

File 11: Note - On Shipments of #5193, May 1934-August 1934

File 12: Notice of Tax-Exempt Domestic Transfer of Firearm, November 28, 1960-May 25, 1962

File 13: Order and Voucher for Purchase of Supplies or Services, June 12, 1956-September 8, 1960

File 14: Outline – The Proposed Retention of the Benton Small Arms Museum in Springfield, Massachusetts, August 9, 1966

File 15: Pass - Visitors' Vehicle Pass - Armory Gun Museum, undated

File 16: Photographic Prints, 1963, undated

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File 18: Procurement Requests, May 2, 1956-February 1, 1965

File 19: Property Hand Receipts, October 19, 1960-July 26, 1961, undated

File 20: Purchase Description – Acceptance Testing Specification for Rifles, 5.56-mm: M16 and XM16E1, July 18, 1963

File 21: Receiving Reports, November 15, 1926-May 16, 1966, undated

Series I.C, Box 05

File 01: Record Book – Accountability for Exhibits in Museum Springfield Armory Disposal Record, 1926-1942 [Use Copy]

File 02: Record Book - Springfield Armory Museum Accessions #5234 to, 1934-1942

File 03: Record Book – Memorandum Receipt Property Record and Army Shipping Document, 1955-1966

File 04: Record Book – Memorandum Receipt Property Record, 1955-1966 [Use Copy]

File 05: Register - of Guests, April 1948-December 1948, February 1956-June 1956

File 06: Register - of Guests, January 1949-March 1951, February 1956

File 07: Register – of Guests, February 1954-February 1956

File 08: Register - of Visitors, July 1956-October 1957

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File 01: Releases, September 1949-July 5, 1950, undated

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File 23: Report – Preliminary Design Analysis and Outline Specifications for Boiler House – Alderman and MacNeish Architects and Engineers, c. 1955

File 24: Report – Traffic and Parking at Springfield Armory – Alonzo B. Reed, Inc. Engineers-Architects – Contract No. DA-19-016-Eng-6579, July 1960

File 25: Report – Technical Provisions Construction of Indoor Rifle and Pistol Range Building No. 13, c. 1961

File 26: Report – and Budget Estimate for 100 Meter Firing Range at Springfield Armory for

U.S. Army Engineer Division, New England – Alonzo B. Reed, Inc. Engineers-Architects, March 1962

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File 12: News Release on Agreement Between Springfield Armory and the Springfield Technical Institute, September 2, 1967

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- File 35: Cartoons Manpower and Firepower, undated

Series IX.A, Box 01: Patents

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File 02: Patent No. 2,532,794 – Cecil Auburn Selwyn Terce, of Berton, Austrailia, Automatic Control for Burst Firing – United States Patent Office, March 27, 1846

File 03: [Copy of] Patent of Mr. Bouicher of Marselle No. 1H dated the 16th of July 1846, No. 2888 for a Breech Loading Gun, July 16, 1846

File 04: Information Regarding Exhibits in Isaac M. Mulbank vs. James G. Benton, July 1846 File 05: Unidentified Patent Document, July 1846 File 06: [Copy of] United States Patent – S. Colt Revolver, September 10, 1850

File 07: Technical Drawing - Prussian Needle-Gun, 1859

File 08: United States Circuit Court. District of Massachusetts – In Equity – Alfred B. Ely vs. James G. Benton – Complainant's Analysis and Brief, c. 1869

File 09: [Copy of] Otto Schneeloch, of Brooklyn, E.D, New York – Improvement in Revolving Fire-Arms – Forming Part of Letters Patent No. 134,442, December 31, 1872

File 10: Certification of Patent – Letter Patent Granted William H. and G.W. Miller, Dated December 26th 1865, No. 3739 for Improvement in Breech Loading Fire Arms – United States Patent Office, April 6, 1874

File 11: Letter from the Secretary of War, Relative to Royalty upon the Allen or Springfield Breech-Loading Rifle and Metallic Cartridges – Ex. Doc, No. 81, January 13, 1875

File 12: Certification of Patent – Matter of Reissuing Letter Patent Granted William H. Miller and George W. Miller, Dated October 1st 1867, No. 2768 For Improvements in Breech Loading Fire-Arms – United States Patent Office, February 27, 1877

File 13: Certification of Patent – Letter Patent Granted, Frederic W. Howe, Dated, March 7, 1865, No. 4667 for Improvements in Breech-Loading Fire Arms – United States Patent Office, March 8, 1877

File 14: Certification of Patent – Letter Patent Granted Fred. W. Howe, Dated March 7, 1865, No. 46671 for Improvement in Breech-Loading Fire Arms – United States Patent Office, March 22, 1877

File 15: Certification of Patent – Letter Patent Granted to W.H. & G.H. Miller, Dated Dec. 2, 1865, No. 51739 and Refined Oct. 1st 1867, No. 2768 for Breech-Loading Fire Arms, March 22, 1877

File 16: Certification of Patent – Letters Patent Granted to Albert Bill, Dated January 1st 1867, One Half Assigned to the Windsor Manufacturing Co., No. 60664 for Cartridge Retractor for Breech-Loading Fire-Arms, April 3, 1877

File 17: Certification of Patent – Duplicate of the Model – Matter of Letter Patent Granted Willard C. Ellis, Dated April 26th 1859, No. 23762 for Breech-Loading Fire Arms, April 13, 1877

File 18: Certification of Patent – In the Matter of Interference Between the Application of W.S. Smoot for Reissue of Letters Patent Granted to Him, August 27th 1867 for Improvement to Breech-Loading Fire Arms, and the Patent Reissued Received to William H. and George W. Miller October 1, 1869, November 7, 1877

File 19: Correspondence Regarding Interference of Smoot vs. Miller Evidence, December 1877 File 20: Certification of Patent – Letters Patent Granted Edmund Parker, Dated May 23, 1865, No. 47902 For Improvement in Breech-Loading Fire Arms – United States Patent Office, March 28, 1878

File 21: Certification of Patent – Letter Patent Granted to William H. and G.W. Miller Dated December 26, 1865, No. 51739 for Breech Loading Fire Arms – United States Patent Office, April 5, 1878

File 22: Contents of Box of Arms, Exhibits in Suit of Miller vs. Rec.d from Circuit Court, Hartford, Conn, October 25, 1880

File 23: Certification of Patent – Refined October 12, 1880, Number 9405 for Improvement in Breech-Loading Fire Arm – United States Patent Office, February 11, 1885

File 24: Berdan vs. U.S. – Number of Springfield Arms Made Prior to July 26, 1881 and Issued Between July 26th 1881 and July 26th 1887 – In Answer to Ord. Office Letter, June 23, 1890

File 25: Patent No. 1,167,283 – Andrew G. Flickinger, of Vallejo, California, Gun-Sight – United States Patent Office, January 4, 1916

File 26: Patent No. 1,166,913 – Karl Krnka, of Hirtenberg, Austria-Hungry, Automatic Firearm – United States Patent Office, January 4, 1916

File 27: Patent No. 1,166,557 – Demetrios Stergianopulus, of Wilmington, Delaware, Small Firearm – United States Patent Office, January 4, 1916

File 28: Patent No. 1,166,554 – Moris Ford Smith, of Philadelphia, Pennsylvania, Firearm – United States Patent Office, January 4, 1916

File 29: Patent No. 1,166,910 – Thomas C. Johnson, of New Haven, Connecticut Assignor to Winchester Repeating Arms Co., Of New Haven, Connecticut, Military Shoulder Arm, January 4, 1916

File 30: Patent No. 1,168,150 – Lewis Sharps Bixler, of Kenton, Ohio, Toy Pistol – United States Patent Office, January 11, 1916

File 31: Patent No. 1,168,024 – Charles A. Nelson, of Utica, New York, Assignor to Savage Arms Company, of Utica, New York, Firearm – United States Patent Office, January 11, 1916 File 32: Patent No. 1,167,490 – Robert B. Gilmore, of Morrow, Ohio, Gun-Sight – United States Patent Office, January 11, 1916

File 33: Patent No. 1,168,985 – William John Whitney, of Handsworth, Birmingham, England, Barrel – Fastening for Automatic Pistols – United States Patent Office, January 18, 1916 File 34: Patent No. 1,160,240 – Pudolf Frommer, of Pudopost, Austria Hungary, Automatic

File 34: Patent No. 1,169,249 – Rudolf Frommer, of Budapest, Austria-Hungary, Automatic Firearm – United States Patent Office, January 25, 1916

File 35: Patent No. 1,169,248 – Rudolf Frommer, of Budapest, Austria-Hungry, Ejector for Firearms – United States Patent Office, January 25, 1916

File 36: Patent No. 1,169,121 – Edward W. Bryn, of New York, N.Y., Firearm – United States Patent Office, January 25, 1916

File 37: Patent No. 1,169,543 – Thomas C. Johnson, of New Haven, Connecticut, Assignor to Winchester Repeating Arms Co., of New Haven, Connecticut, A Corporation, Military Should-Arm, January 25, 1916

File 38: Patent No. 1,484,163 – Gustavo Vincon, of Turin, Italy, Automatic Firearm – United States Office, February 19, 1924

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Series VI.A.1.d, Box 30 [Aperture card box] File 01: Drawing Numbers: M2 T A 351220 through -0-7162301-20

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Series VI.A.1.d, Box 32 [Aperture card box] File 01: Drawing Numbers: 10 2736 through 10 1779 2

Series VI.A.1.e, Box 01: Tool Drawing Aperture Cards, Unidentified Project [Aperture card box] File 01: Drawing Numbers 5130091 through 5153074

Series VI.A.1.e, Box 02 [Aperture card box] File 01: Drawing Numbers 5130404 through 5169956

Series VI.A.1.e, Box 03 [Aperture card box] File 01: Drawing Numbers 5169987 through 5299531

Series VI.A.1.e, Box 04 [Aperture card box] File 01: Drawing Numbers 5299531 through 5504704

Series VI.A.1.e, Box 05 [Aperture card box] File 01: Drawing Numbers 5504074 through 5546086

Series VI.A.1.e, Box 06 [Aperture card box] File 01: Drawing Numbers 5546086 through 5564323

Series VI.A.1.e, Box 07 [Aperture card box] File 01: Drawing Numbers 5564323 through 6000501

Series VI.A.1.e, Box 08 [Aperture card box] File 01: Drawing Numbers 6000501 through 6008569

Series VI.A.1.e, Box 09 [Aperture card box] File 01: Drawing Numbers 6008569 through 6008574

Series VI.A.1.e, Box 10 [Aperture card box] File 01: Drawing Numbers 6008574 through 6008807

Series VI.A.1.e, Box 11 [Aperture card box] File 01: Drawing Numbers 6008807 through 6008997

Series VI.A.1.e, Box 12 [Aperture card box] File 01: Drawing Numbers 6008997 through 6045574

Series VI.A.1.e, Box 13 [Aperture card box] File 01: Drawing Numbers 6045574 through 6128499

Series VI.A.1.e, Box 14 [Aperture card box] File 01: Drawing Numbers 6128499 through 6136748

Series VI.A.1.e, Box 15 [Aperture card box] File 01: Drawing Numbers 6136799 through 6147104

Series VI.A.1.e, Box 16 [Aperture card box] File 01: Drawing Numbers 6147104 through 6147294 Series VI.A.1.e, Box 17 [Aperture card box] File 01: Drawing Numbers 6147294 through 6147539

Series VI.A.1.e, Box 18 [Aperture card box] File 01: Drawing Numbers 6147539 through 6147782

Series VI.A.1.e, Box 19 [Aperture card box] File 01: Drawing Numbers 6147782 through 6154195

Series VI.A.1.e, Box 20 [Aperture card box] File 01: Drawing Numbers 6154195 through 6212604

Series VI.A.1.e, Box 21 [Aperture card box] File 01: Drawing Numbers 6212604 through 6501808

Series VI.A.1.e, Box 22 [Aperture card box] File 01: Drawing Numbers 6501810 through 6528273

Series VI.A.1.e, Box 23 [Aperture card box] File 01: Drawing Numbers 6528273 through 6535422

Series VI.A.1.e, Box 24 [Aperture card box] File 01: Drawing Numbers 6535422 through 7008882

Series VI.A.1.e, Box 25 [Aperture card box] File 01: Drawing Numbers 7008883 through 7144861

Series VI.A.1.e, Box 26 [Aperture card box] File 01: Drawing Numbers 7144887 through 7160365

Series VI.A.1.e, Box 27 [Aperture card box] File 01: Drawing Numbers 7160366 through 7161711

Series VI.A.1.e, Box 28 [Aperture card box] File 01: Drawing Numbers 7161711 through 7162752

Series VI.A.1.e, Box 29 [Aperture card box] File 01: Drawing Numbers 7162752 through 7265978

Series VI.A.1.e, Box 30 [Aperture card box] File 01: Drawing Numbers 7265979 through 7267124

Series VI.A.1.e, Box 31 [Aperture card box] File 01: Drawing Numbers 7267125 through 7267677 Series VI.A.1.e, Box 32 [Aperture card box] File 01: Drawing Numbers 7267678 through 7310034

Series VI.A.1.e, Box 33 [Aperture card box] File 01: Drawing Numbers 7310034 through 7311770

Series VI.A.1.e, Box 34 [Aperture card box] File 01: Drawing Numbers 7311774 through 7312690

Series VI.A.1.e, Box 35 [Aperture card box] File 01: Drawing Numbers 7312690 through 7312838

Series VI.A.1.e, Box 36 [Aperture card box] File 01: Drawing Numbers 7312838 through 7313463

Series VI.A.1.e, Box 37 [Aperture card box] File 01: Drawing Numbers 7313463 through 7394390

Series VI.A.1.e, Box 38 [Aperture card box] File 01: Drawing Numbers 7394393 through 10512975