

TACTICS AND TECHNOLOGY

A. The Civil War as a different sort of war

1. Scale: large armies and the logistical challenges presented
 - i. Comparisons with British and French armies at Waterloo, 1815
 - ii. Comparisons with British, French, and Russian forces during the Crimean War, 1854
2. Speed: the impact of railroads and telegraphy
3. Weaponry: rifles, breechloaders, and repeating rifles
 - i. Artifact: U.S. Model 1863 Rifle Musket
 - ii. Artifact: Sharps Model 1863 carbine
 - iii. The Spencer rifle
 - iv. Model 1851 Colt pistol
4. James H. Burton and the Minie ball
5. Northern and Southern arms making compared
 - i. The Springfield Armory and mass production
 - ii. The Sharps Rifle Company and Spencer Rifle Company
 - iii. Colt and Remington
 - iv. Col. Josiah Gorgas and the Richmond Armory
 - v. The Fayetteville Armory
 - vi. James H. Burton and the Macon Arsenal
 - vii. Where did the South get its guns?
6. Tactical impact of new weapons
 - i. Fredericksburg, Dec. 1862
 - ii. Gettysburg, July 1863
 - iii. Cold Harbor, June 1864

B. The Civil War and the origins of modern warfare: some observations and conclusions