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⑩ LESTER L. MILLER, JR.

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FOREWORD

This bibliography features book and periodical articles which emphasize the tactical use of artillery smoke in battle, selected from the holdings of the Morris Swett Library. The controlled use of smoke was made possible through the development of smokeless gunpowder by Mssr Vieille, a French chemist, in 1886. Prior to that, control of an opponent or of one's own situation relied on other means.

The first major use of smoke was by the Germans during WWI when they introduced "N" ammunition to mask troop movements. Now, smoke is used for spotting, targeting, signalling, or concealment, and it has been used as recently as the Yom Kippur War by the Egyptian Army.

This number is arranged in two parts. Part one covers books. The second portion features periodical articles. An arbitrarily devised acronym has also been used for periodical entries to aid the cause of brevity. Inclusion of an item, or omission, does not imply USAFAS indorsement or sanction of the compiler's point-of-view nor does it guarantee accuracy of content. Comment and criticism concerning this list is solicited.

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"...the smoke rose from it as though from a furnace, and the whole mountain trembled violently."

Ex. 19:18b

PART I
BOOKS

U383.5 Barnes, John A. A Demonstration of Large Area Smoke (LAS)
U65 as a Protective Measure Against Air Attack, Tech. Note, 8-78,
TN8-78 Aberdeen Proving Ground, MD: U. S. Army Human Engineering
Lab, 1978.

U421 Barton, O. M. The Use of Smoke by Field Artillery, Thesis,
Q9 Fort Sill, OK: U. S. Army Field Artillery School, 1930.
1930
No. 8
Qo

U166.75 Blumentritt, Guenther. Operations in Darkness and Smoke,
U53 Wash., D. C.: Office of Military History, c1952.
M.S. B-683

QC161 Gibbs, William Edward. Clouds and Smokes, the Properties
G5 of Dispersal Systems in Gases and Their Practical Appli-
cations, London, ENG: J. & A. Churchill, c1924.

UK173 Great Britain War Office. Manual on the Use of Smoke,
G7 London, ENG: HMSO, c1923.
1923

D769.27 Hart, Charles E. Employment of Field Artillery of II
(2d Corps) Corps in Northern Tunisian Campaign, [S.L.]: HQ, II Corps,
A42 1943.

*UK173 Herr, Frederick. The Tactical Use of Smoke, Edgewood
H3 Arsenal, MD: U. S. Chemical Warfare School, 1926.
Vert. File

UK173 [Line, Thomas R.] Employment of Smoke by Indirect Fire
L5 Weapons, Fort Sill, OK: U. S. Army Field Artillery School,
1978.

D769.3 Morrow, Col. A Division Artillery Attack Order, AGF BD.,
(34th Div) [S.L.]: HQ., 34th Div Arty, 1944.
S8
1944
Micro. Jkt.

UK163 Peyton, B. R. Employment of Smoke Troops, Berlin, Report
G3P3 #18, 009, 24 Feb 1941, Wash., D. C.: MI Div, WD, 1941.
1941
Micro. Jkt.

UK173 Roulet, Alfred E. Tactical Use of Smoke, Edgewood Arsenal,
D3 MD: U. S. Chemical Warfare School, N.D.
Micro. Jkt.

*UD158.2 Shipp, W. E. Attack of Infantry and Attached Tanks Under
R9U5 Cover of Smoke Screen, Riga, Report #8, 352, 26 Jun 1933,
1933 Wash., D. C.: MI Div, WD, 1933.
Vert. File

U421 Smith, Paul R. The Use of Smoke by Field Artillery, Thesis,
Q9 Fort Sill, OK: U. S. Army Field Artillery School, 1931.
1931
No. 54
Qo

D769.87 U. S. Army, Alaska Defense Command. Action on Attu, [S.L.]:
A4A5 G-2, the cmd, 1943.

UK173 U. S. Army, Army Expeditionary Force. Notes on the Use of
U5 Smoke, France: HQ., AEF, 1918.
1918
Micro. Jkt.

D769.376 U. S. Army Chemical Corps. Smoke Generator Operations in
A35 the Mediterranean and European Theaters of Operation,
No. 1 Wash., D. C.: Historical Office, 1948.

UK173 U. S. Army Field Artillery School. Field Artillery Smoke,
S6 TC6-20-5, Draft, Fort Sill, OK: the schl, 1978.
Archives

U390.1 _____ . Modern Battlefield
M6 Research Projects, Papers, Fort Sill, OK: the schl, 1976.
2-76
Archives

UF7 _____ . Smoke, Fort Sill, OK:
U5 the schl, 1932.
G48

D769.345 U. S. Army, Forces in the Middle Pacific. History of
U5 Chemical Section, I-V, [S.L. Middle Pacific]: the HQ.,
1945 1945.

UK173 U. S. Army Ground Forces. Employment of Smoke in Close
U41 Air Support, Wash., D. C.: AGF, 1945.
Micro. Jkt.

UK173 U. S. Army Ground Forces Board. Smoke, RPT #1098, [S.L.]:
U4 HQ., U. S. Forces European Theater, 1945.
Micro. Jkt.

D757.1
R6H6
Micro. Jkt. Smoke Protection for River Crossing, #991 [S.L.]: HQ., European Theater of Operations, 1945.

UK173
U5
1941
Micro. Jkt. U. S. Army, Second Army. Suggestion for the Use of Smoke in Field Exercises and Maneuvers, Memphis, TN: HQ., 2d

D523
U72 U. S. Army War College. Notes on Recent Operations, No. 1-3, WD 630, 641, 655, Wash., D. C.: USGPO, c1917.

UK173
U51
Micro. Jkt. U. S. Chemical Corps Training Cmd. The Employment of Smoke; A Report, No. 60, Fort McClellan, AL: the cmd, 1953.

UK173
U5
1943 U. S. Chemical Warfare School. The Tactical Use of Smoke, Edgewood Arsenal, MD: the schl, 1942.

UK173
F5U4
Micro. Jkt. U. S. Dept. of Army. Guide for Use of Smoke, tr. from Finnish, F-1574B, Wash., D. C.: G2, [1950].

UK205
G3U5 Mechanical Smoke Generator, MI, TM 3-380, Wash., D. C.: USGPO, 1943.

TL722.1
U5
1943 Tactics and Technique of Air Chemical Spraying, TMI-282, Wash., D. C.: USGPO, 1943.

UK173
U55
No. 156 U. S. General Staff. Battle Tactics of the German Army, Wash., D. C.: MI Div., GS, 1941.

UK173
G3U7
1941
Micro. Jkt.
No. 18, 403 Employment of Chemical Warfare Battalion - Use of Smoke [Germany], Wash., D. C.: MI Div., GS, 1941.

UK173
R9U4
Micro. Jkt. Employment of Smoke Screens [Russia], Riga, Latvia, Wash., D. C.: MI Div., GS, 1932.

U15
U4
No. 13 German Chemical Warfare and Smoke, Wash., D. C.: MI Div., WD, N.D.

U15
U55
No. 88 Possible German Tactics in an Attack on Great Britain, Wash., D. C.: MI Div., GS, 1941.

*UK173
G3U5
1940
Vert. File

_____ . Smoke Troops (Die Nebeltruppe), Wash., D. C.: MI Div., GS, 1941.

UK173
G3K3
1941
Micro. Jkt.
18, 352

_____ . Smoke Troops Used During Penetration of the Maginot Line (Germany), Wash., D. C.: MI Svc, WD, 1941.

U15
U55
No. 59

_____ . Use of Smoke by British Armored Units, Wash., D. C.: MI, GS, WD, 1940.

UK173
U5
1939
Micro. Jkt.

U. S. Infantry School. Employment of Screening Smoke, Conference, Fort Benning, GA: the schl, 1939.

U260.3
U52
PHIB-20

U. S. Marine Corps School. Amphibious Operations - Employment of Smoke, Quantico, VA: the schl, 1946.

D766.93
A5
1942a

U. S. War Dept, General Staff, G2. Artillery in the Desert, Wash., D. C.: USGPO, 1942.

UK140
A5
No. 16
1943

_____ . Enemy Capabilities for Chemical Warfare, Wash., D. C.: USGPO, 1943.

UK170
G3U5
No. 24
1944

_____ . Enemy Tactics in Chemical Warfare, Wash., D. C.: USGPO, 1944.

UK173
G7U5
Micro. Jkt.
42, 216

_____ . Use of Smoke by the Armored Squadron, Wash., D. C.: USGPO, 1941.

QC929
S6W5
1932

Whytlaw-Gray, Robert W., et al. Smoke: A Study of Aerial Disperse Systems, London, ENG: E. Arnold & Co., c1932.

PART IIA
PERIODICALS CONSULTED - [ARRANGEMENT BY ACRONYM]

<u>LC CALL#</u>	<u>ACRONYM</u>	<u>TITLE</u>
U1 U6	<u>A</u>	<u>Army</u>
UE1 C2	<u>ACJ</u>	<u>Armored Cavalry Journal</u>
UD500.1 A8	<u>AD</u>	<u>Armored Digest</u>
UK1 C4	<u>AFCJ</u>	<u>Armed Forces Chemical Journal</u>
UBL45 A7	<u>AFM</u>	<u>Armed Forces Management</u>
D731 A6	<u>AI</u>	<u>AIM</u>
UF1 A8	<u>AO</u>	<u>Army Ordnance</u>
U1 A85	<u>AQ</u>	<u>Army Quarterly</u>
UE1 C2	<u>ARM</u>	<u>Armor</u>
D767 B26	<u>BEAJ</u>	<u>Battle Experiences Against the Japanese</u>
D756 B25	<u>BEAPCP</u>	<u>Battle Experiences and Post-Combat Procedures</u>
UA600 A7	<u>CATM</u>	<u>Canadian Army Training Memorandum</u>
UE1 C2	<u>CAV J</u>	<u>Cavalry Journal</u>
UK1 C4	<u>CC J</u>	<u>Chemical Corps Journal</u>
U15 R3	<u>CGS Q</u>	<u>Command and General Staff School Quarterly</u>

<u>LC CALL#</u>	<u>ACRONYM</u>	<u>TITLE</u>
D769.26 (6th) A43C7	<u>CN</u>	<u>Combat Notes</u>
UF1 C7	<u>COAJ</u>	<u>Coast Artillery Journal</u>
D731 C88	<u>CRFO</u>	<u>Current Reports from Overseas</u>
UK1 C5	<u>CWB</u>	<u>Chemical Warfare Bulletin</u>
UK23 A42	<u>CWIB</u>	<u>Chemical Warfare Intelligence Bulletin</u>
UF23.5 F6T2	<u>FA</u>	<u>Field Artilleryman [Artillery Trends]</u>
UF1 F55	<u>FAIL</u>	<u>Field Artillery Information Letter [U. S.]</u>
UF1 F6	<u>FAJ</u>	<u>Field Artillery Journal</u>
TL500 I6	<u>IDR</u>	<u>International Defense Review</u>
UD1 I6	<u>INF J</u>	<u>Infantry Journal</u>
UD7 I5	<u>INF SML</u>	<u>Infantry School Mailing List</u>
U15 U8	<u>INTEL B</u>	<u>Intelligence Bulletin</u>
D769.255 E916	<u>IR</u>	<u>Immediate Report</u>
UF1 W8	<u>JORA</u>	<u>Journal of the Royal Artillery</u>
U1 J75	<u>JOUSIOI</u>	<u>Journal of the United Service Institution of India</u>
VE1 M3	<u>MCG</u>	<u>Marine Corps Gazette</u>

<u>LC CALL#</u>	<u>ACRONYM</u>	<u>TITLE</u>
U1 A4	<u>MIL AFF</u>	<u>Military Affairs</u>
UG1 P8	<u>MIL ENG</u>	<u>Military Engineer</u>
U4 R9	<u>MIL HLD</u>	<u>Military Herald</u> [Krasnaya Zvezda Publ.] [D.A.OCSI-Trans.]
U1 R4	<u>MIL RVW</u>	<u>Military Review</u>
D743 U6	<u>MROUN</u>	<u>Military Reports on the United Nations</u>
D523 U72	<u>NORO</u>	<u>Notes on Recent Operations</u>
T1 P77	<u>POP MECH</u>	<u>Popular Mechanics</u>
T1 P8	<u>POP SC</u>	<u>Popular Science</u>
UA19 R9	<u>TA</u>	<u>Technology and Armament</u>
D743 U52	<u>TTT</u>	<u>Tactical and Technical Trends</u>
UF1 U7	<u>UKAN</u>	<u>United Kingdom Artillery Notes</u>
UHL A63	<u>USAAD</u>	<u>U. S. Army Aviation Digest</u>
UD6 U52	<u>USIC</u>	<u>U. S. Infantry Conference</u>
V1 P8	<u>USNIP</u>	<u>U. S. Naval Institute Proceedings</u>

PART IIB
PERIODICAL ARTICLES

- Abramteev, B. "Use of Smoke in the Offensive," MIL HLD, 12:1-9, Dec. 1976.
- Afanasov, I. "Under Cover of a Smoke Screen," MIL HLD, 8:155-164, Jul. 1972.
- Alley, Charles R., et al. "Fire Superiority Versus Smoke," CWB, 11:16-19, 1925.
- Almond, Edward M. "Smoke; The Infantry's Third Estate," INF J, 33:123-128, Jul-Dec. 1928.
- _____. "The Tactical Use of Smoke by the Infantry Regiment," INF J, 38:25-28; 38:105-112, 1931.
- "Amphibious Role for New Bantam Fog Generator," CWB, 30:48-50, Jun. 1944.
- "Area Smoke Screening," MROUN, 6:24-31, 15 May 1943.
- "Armored Force Lessons from the Western Desert," MROUN, 2:15-18, 15 Jan. 1943.
- "Army Tests Use of Smoke Screen for A-Protection," AFM, 1:16, Apr. 1955.
- "Army's Smoke Throwers, Screen Troop Movements," POP SC, 139:113-115, Dec. 1941.
- Atkins, Joseph A. "The Effect of Smoke on Infantry Rifle Fire," CWB, 17:2, 1931.
- Babushkin, A. "Use of Smoke Devices in Combat," MIL HLD, 10:173-179, Oct. 1973.
- Baird, Harry H. "Smoke Clouds - On the Cavalry Horizon," CWB, 17:1, 1931.
- Barker, Maurice E. "Smoke Cloud Travel," MIL ENG, 23:409, 1931.
- _____. "Smoke for River Crossings," INF J, 58:37-41, Jan. 1946.
- _____. "Smoke in Defense of a Vital Port," COAJ, 88:8-13, 27 Jan 1945.
- _____. "The Use of Smoke to Cover Landing," MIL ENG, 27:461, 462, Nov-Dec. 1935.
- "Base-Ejection Smoke," FAJ, 34:162, Mar. 1944; 34:744, Nov. 1944.

Bat'yev, Yu. "Preparing Machines for Smoke Generation," TA, 9:103-106, Sep. 1973.

Bell, Raymond E., et al. "We Don't Blow Enough Smoke," ARM, 87:16-19, Mar-Apr., 1978.

Beurket, Raymond T. "The Tactical Employment of Smoke," MIL ENG, 28:10-14, Jan-Feb. 1936.

Boynston, James W. "How Does Smoke Screen? Some Elementary Considerations of the Screening Power of Various Smoke Agents," CWB, 28:192-195, Oct. 1942.

Bryden, William. "Smoke Bomb or Flash Practice," FAJ, 6:289-322, Apr. 1916.

Bubnov, O., et al. "Ruler for Calculating Smoke Screens," MIL HLD, 1:180-185, 1 Jan 1975.

Bullene, Egbert F. "Under the Cover of Smoke," AFCJ, 5:6-9, Oct. 1951.

Burrell, Walter E. "Tactical Use of Base-Ejection Smoke Shell," FAJ, 33:745-748, Oct. 1943.

Bush, Ralph R. "New Indoor Smoke-Puff Terrain Board," FAJ, 34:112-114, Feb. 1944.

Christianson, John. "The Use of Smoke with Parachute Operations," MIL AFF, 25:147-156, Fall, 1961.

Cochenhausen, Friedrich von. "What the Germans Think About Smoke," CWB, 29:44-52, Jan. 1943.

Colby, Elbridge. "Smoke Warfare and the Doughboy," INF J, 33:263-267, Jul-Dec. 1928.

Collier, R. E. "Smoke Means Survival," MCG, 35:42-44, Feb. 1951.

"Colored Smoke as Life-Saver," CWB, 30:43, Nov. 1944.

"Combat Smokescreens Recently Used in Italy," INTEL B, 2:22-30, Jul. 1944.

Cottingham, L. B. "Smoke Over the Moselle," INF J, 63:14-19, Aug. 1948.

Coulter, Victor A. "Smoke at Gettysburg; Hits Could Have Been Decreased 93 Per Cent," CAV J, 48:159, 160, Mar. 1937.

Croft, William Denman. "Smoky Notes," JOUSIOI, 64:388-392, 1934.

Crow, Maxine H. "Fighting with Fire," MCG, 29:3-7, Feb. 1945.

Dorst, James A. "General A Uses Smoke," MIL ENG, 31:422-424, Nov. 1939.

"Employment of Screening Smoke," INF SML, 18:71-105, Jul. 1939.

"Employment of Smoke in Cooperation with Combat Troops," TTT, 11:9-16, 1942.

"Employment of Smoke in Italy," MROUN, 20:26-28, 15 Jul 1944.

Estep, William H. "Use of Smoke by Chemical Troops," CWB, 29:31-35, Aug. 1943.

Felter, Jesse E., et al. "Smoke - Who Needs It, Army Aviation Does," USAAD, 21:1+, Sep. 1975.

Finkelshteyn, R. "Blinding Antitank Guided Rockets (PTURS) with Smoke," MIL HLD, 3:39-41, Mar. 1963.

Finkelstein, Leo. "The Chemistry of HC Smoke Mixtures," AFCJ, 4:16-18, Oct. 1950.

Fisher, George J. B. "Another Dardanelles 'If;' Would Air and Chemical Arms Have Changed Nelson's Dictum?" AQ, 16:356-360, May-Jun, 1936.

Freeth, C. J. D. "Smoke as a Weapon of War," JORA, 51:40, 41, Jun-Aug. 1924-25.

Gandy, A. A., et al. "Some Interesting Smoke Bombs," CWB, 18:1, 1932.

"Gas and Smoke," INTEL B, 4:70-84, Sep. 1945.

Gay, Robert M. "Flame and Smoke on New Georgia," CWB, 29:21, Oct. 1943.

"German Area Smoke-Screening," TTT, 24:8-11, 6 May 1943.

"German Attack Under Cover of Area Smoke Screens," TTT, 18:39-46, 11 Feb. 1943.

"German Combat Smoke Tactics," CWIB, 24:1-10, 1943.

"German Experiments with Smoke Against Tanks," TTT, 20:13-15, 11 Mar. 1943.

"German Field Manual 'The Stabilized Front'," CWIB, 23:1-5, 29 Apr. 1942.

"German Glass Smoke Grenades," TTT, 36:13-15, 21 Oct. 1943.

"German Smoke Tactics for Support of Combat Troops," TTT, 32:45-49, 26 Aug. 1943.

"German Use of Area Smoke Screens," TTT, 38:14-17, 18 Nov. 1943.

"German Use of Smoke," CATM, 25:8-10, Apr. 1943.

- Gibson, Adelno. "Practice Antitank or Smoke Mine for Use in Training and Maneuvers," CWB, 27:157, Oct. 1941.
- Gillingham, George O. "Smoke Gets in Their Eyes," CAV J, 53:66-70, Nov. 1944.
- Gorlov, A. "Fire and Weapons," MIL HLD, 11:132-136, Nov. 1962.
- Grabovoy, I. "Under Smokescreen Conditions," MIL HLD, 10:192-198, Oct. 1975.
- Great Britain, General Staff. "Notes on the Use of Smoke," NORO, 3:189-199, 1917.
- Greene, William H. "Make Smoke," CWB, 31:21-24, Jan. 1945.
- Guild, Walter A. "That Damned Smoke Again," INF J, 55:25-28, Oct. 1944.
- Hamilton, Stuart A. "Smoke in the World War," CWB, 22:108-115, Jul-Sep. 1936.
- Holland, Rupert Thurston. "Smoke as a Weapon of War," JORA, 50:372-380, Jan-Feb., 1923-24.
- "How the German Army Uses Smoke in Combat," INTEL B, 2:1-19, Jan. 1944.
- Ibashinin, A. "Smoke Screen from a Helicopter," MIL HLD, 3:198-201, Mar. 1976.
- Il'Yevskiy, B. "Article," MIL HLD, 1:153, 154, 1 Jan 1975.
- Isaiuk, Lt. Col. "Employment of Smoke in Attack," MIL RVW, 25:97, 98, Mar. 1946.
- "Italian 2-KG Smoke Pot," TTT, 38:17-20, 18 Nov. 1943.
- James, Charles D. "Mark, Mark," USAAD, 18:18, 19, Feb. 1972.
- "Japanese Notes on Use of Smoke," TTT, 48:14-16, 1 Jul. 1944.
- "Japanese Smoke Candles...", CWIB, 28:1-12, 1 Feb. 1944.
- "Japanese Smoke Laying Technique, Medium Tank Has Six Smoke Candles," TTT, 56:44, Mar. 1945.
- "Japanese Smoke Tactics," CWIB, 36:1-18, 1 Jul. 1944.
- "Japanese Smoke Warfare," TTT, 27:12-15, 17 Jun. 1943.
- "Japanese Smoke Weapons," TTT, 35:23-25, 7 Oct. 1943.

- "Japanese Toxic Smoke Candles," TTT, 7:10-14, 1942.
- "Japanese Use of Smoke," INTEL B, 1:39-55, Jun. 1943.
- "Jet-Age Paratroop Smoke Screens," AFCJ, 12:11, Sep-Oct. 1958.
- Joyner, Houston C. "They Couldn't See Down Into the Valley," AFCJ, 3:16-21, Oct. 1948.
- Kalinovskiy, S. "New Training Aids," MIL HLD, 7:187-189, Jul. 1975.
- Kambrod, Matthew R. "Smoke - A Tactical Concept," USAAD, 15:6-9, Oct. 1969.
- Kamenko, P. "Employment of Smoke in Combat," MIL HLD, 1:66-68, Jan. 1966.
- Khanatskii, G. "Smoke Screens in Tank Operations," MIL RVW, 25:115-117, Aug. 1945.
- Kibler, Alton L. "The Mechanism of Smoke Screens: A Laboratory Analysis of Chemical Obscurants," AO, 17:26-29, Jul-Aug. 1936.
- Kiselev, A., et al. "A Smoke Screen at a Water Obstacle," MIL HLD, 5:227-234, May, 1974.
- Kleber, Brooks E. "Make Smoke," AFCJ, 6:6-10, 40, Apr. 1953.
- _____. "Smog at Anzio; Chemicals Conceal Americans from Pinpoint Gunfire and Observation by Germans in Hills Above Beaches," AFCJ, 15:2+, Jan-Feb., 1961.
- Kugelen. "Smoke-Trail Mortars," MIL RVW, 23:73, 74, Nov. 1943.
- Lathrop, Alba B. "Aircraft Delivered Smoke-Past, Present, and Future," MIL RVW, 39:28-36, Jan. 1960.
- Leggin, Al. "Chemical Warfare in World War II," CCJ, 2:5, Apr. 1948.
- Lewis, L. Kirk. "Smoke," FAJ, 43:44, 45, 51, Sep-Oct. 1975.
- _____. "Support Fire and Maneuver with Smoke," FAJ, 44:45-49, Nov-Dec. 1976.
- Ley, Willy. "German Rocket Mortar: Nebelwerfer 41, Fog (or Smoke) Thrower," CWB, 29:32, 33, Sep. 1943.
- Lloyd, Claudius L., et al. "Examples of the Use of Smoke in Battle," CW, 18:1, 1932.
- MacArthur David Wilson. "Greatest Smoke Screens in History," CAV J, 55:47, 48, Jan. 1946.

- MacArthur, John C. "Smoke as an Aid to Infantry," CW, 11:7-9, 1925.
- McBride, Lewis M. "Artillery Smoke Screen," FAJ, 25:229-233, 1935.
- McLeod, Robert Douglas. "Colored Smoke," AFCJ, 8:10-12, Jan. 1954.
- Madudov, N. "Tankers Attack," MIL HLD, 8:61-68, Aug. 1975.
- Martin, John Arthur. "Combat Smoke in Korea," AFCJ, 7:20-23, 40, 59, Oct. 1953.
- "Memorandum on Coloured Smoke and Coloured Flares (Night Marker Shells)," UKAN, 9:App. E, 1943.
- Meredith, Owen R. "Smoke," INF J, 32:53-56, Jan-Jun, 1928.
- Milovanov, V., et al. "Smoke Screens," MIL HLD, 1:192-200, Jan. 1973.
- Miller, Harry W. "Get-a-way Screen for Scout Cars: A Device Designed to Furnish Scout Cars With a Ready Cloud of Smoke for Escape from Surprise Attack," CWB, 28:85-88, Apr. 1942.
- _____. "Smoke for Protection," CAV J, 50:82, 83, Sep. 1941.
- Miller, Walter L. "Smoke for the Landing Force," MCG, 47:28-31, Jun. 1963.
- Mitrione, Michael F. "Simplified Smoke," FAJ, 45:14, 15, Sep-Oct. 1977.
- Moran, Edward J. "Employment of the 4.2 Chemical Mortar in Placing Smoke Screens," CW, 16:705-708, 1930.
- "Mortar and Nebelwerfer Organization," FAIL, 11:12-14, 23 Nov. 1944.
- "Mortar Smoke Screen to Evacuate Wounded," BEAJ, 10:1, 3 Jul. 1945.
- "The M-2 on the Moselle," CWB, 30:48, 49, Aug. 1944.
- Murphy, Paul. "Smoke Screens Visible or Invisible," CWB, 21:88-90, Jul-Sep., 1935.
- "New Smoke Round for 120MM Mortars," IDR, 8:81, Feb. 1975.
- Noel, Wilbur K. "Cavalry Mounted Action and Screening Smoke," CW, 16:687-691, 1930.
- Paddock, Arthur L. "Something New in Tank Smoke," CAV J, 53:71, Nov. 1944.
- Palmer, Dave R. "Off-set Fire Support," AFM, 72:72, 73, Mar-Apr., 1963.
- Parker, Ralph C. "Some Special Uses of Smokescreens," USNIP, 66:953-961, Jul. 1940.

Parrott, Roger S. "Smoke Bomb Practice," FAJ, 4:519-525, Oct. 1914.

Pavlov, S. "Problems of Modern Combat," MIL HLD, 10:26-33, Oct. 1976.

Porter, William N. "Smoke and the Coast Artillery," COAJ, 61:522-528, Jul-Dec., 1924.

Prime, Nathaniel Scudder. "Night Smoke at Sea," AFCJ, 5:10, 12-13, Oct. 1951.

Fritchard, Paul W. "Large Area Screening in the MTO and ETO," MIL RVW, 30:3-16, Jan. 1951.

"Pyrotechnics and Smoke-Development," USIC, 5:T-5, 1946.

"RAF Methods of Laying Smoke Screens," MROUN, 9:1-3, 15 Aug. 1943.

"RAF Smoke-Laying Tactics," MROUN, 11:3-7, 15 Oct 1943.

Raymond, Edward A. "T.N.T. Wholesale," FAJ, 34:781-784, Nov. 1944.

_____. "Use of White Phosphorus Against Tanks," FAJ, 34: 411, Jul. 1944.

"Recent Use of Combat Smokescreens by the Germans in Italy," CWIB, 31:1, 15 Apr. 1944.

Robinson, John N. "Smoke and the Infantry," CW, 18:1, 1932.

Ruse, C. H. "Smoke - Tactical Weapon of World War II," ACJ, 56:52-54, Jan. 1947.

St. John, Adrian. "Invasion Critique," CWB, 30:19-21, Aug. 1944.

Sauer, Jacob S. "The Need for Smoke in Landing Operations," CWB, 25:69-74, Apr. 1939.

Schmitt, F. G. "Developments in the Use of Smoke in This War: A Recent Address Given Before the American Institute of Chemical Engineers," CWB, 29:26-33, Jan. 1943.

Shcherbakov, N. "Under Cover of Smoke," MIL HLD, 8:167-171, Aug. 1973.

"Shell, Semi-Fixed, Smoke, B. E., 105-MM, MB4," FAJ, 33:352, 353, May, 1943.

Shelton, Henry R. "Smoke as a Weapon," A, 27:33-35, Aug. 1977.

Shulgin, V. "Combat Actions Under Conditions of Smoke Screen," MIL HLD, 1:45-49, Jan. 1971.

- Sievers, Ralph H. "Night Smoke," INF J, 57:28-30, Sep-Oct. 1967.
- "Smoke," AD, 1:43, 44, Nov. 1944.
- "Smoke," BEAJ, 50:3, 11 Aug 1945.
- "Smoke," BEAPCP, 59:4, 12 Feb. 1945.
- "Smoke Gets in Their Eyes," POP MECH, 78:82-85, 162, 163, Oct. 1942.
- "Smoke in the Assault," MROUN, 2:24-28, 15 Jan. 1943.
- "Smoke in the Attack; A Study by the Kwantung Army," INTEL B, 3:58-61, Jul. 1945.
- "Smoke Screen Apparatus for Tanks," INF J, 33:517, 518, Nov. 1928.
- "Smoke Screening of North African Ports," MROUN, 7:25-29, 15 Jun 1943.
- "Smoke Shell Tactics Used by German Tanks," IB, 2:54, 55, Aug. 1944.
- "Smoke Sprayers on Armored Vehicles," TTT, 50:16-19, Sep. 1944.
- "Smoke Tactics of Germany, Italy, and Japan," CWIB, 15:1, 1943.
- "Smoke Weapons of Germany, Italy, and Japan," CWIB, 7:1-12, 1943.
- Sosul'nikov, M. "Once More About Ranging with Smoke Shells," MIL HLD, 1:152, 153, 1 Jan. 1975.
- Spurlock, William W. "Smoke Saves the Day," CWB, 28:67-73, Apr. 1942.
- "Tactical Use of Smoke," INF J, 32:416, 417, Apr. 1928.
- "Tank Smoke Projectors," BEAJ, 37:2, 3 Aug 1945.
- "Tanks, Smoke, and Fog," CGS Q, 11:40, 1931.
- "Tests in the Use of Smoke," INF J, 31:75, 76, Jul. 1927.
- Tyson, J. T. "Smoke," AI, 20:4-8, May, 1944.
- U. S. Army, European Theater of Operations. "Smoke Screen on Roer River Crossing," IR, 84:1, 2, 20 Mar. 1945.
- U. S. Army, Sixth Army. "Employment of Screening Smoke by Ground Units," CN, 7:44-48, May, 1945.
- U. S. Army. War College. "German Smoke-Producing Apparatus," NORO, 3:7-9, 1917.

U. S. Office of Chief of Chemical Warfare. "The German Area Smoke Screen at Ploesti, Romania," CWIB, 44:3-7, 1 Nov. 1944.

_____. "Japanese Combat Examples of the Use of War Gases," CWIB, 57:3-9, 1 Jul. 1945.

_____. "Japanese Smoke Shells," CWIB, 46:1-12, 15 Dec. 1944.

_____. "Japanese Use of Gas and Toxic Smoke and Anti-Gas Measures in Landing Operations," CWIB, 51:3-9, 15 Mar. 1945.

"Use of Base-Ejection Smoke Shell," FAJ, 34:257, Apr. 1944.

"Use of 4.2 Mortars on Luzon," BEAJ, 3:3, 4 Jun. 1945.

"Use of FS Smoke," BEAJ, 1:1, 2, 4 Jun 1945.

"Use of Smoke," BEAPCP, 27:1,2 Jan. 1945.

"Use of Smoke," INTEL B, 1:15-20, Jan. 1943.

"The Use of Smoke at Cassino," CRFQ, 61:8-11, 1 Nov 1944.

"The Use of Smoke at Dieppe," MROUN, 4:29, 30, 15 Mar. 1943.

"The Use of Smoke at Salerno," MROUN, 15:25-30, 15 Feb. 1944.

"The Use of Smoke by Armored Units," MROUN, 5:19, 20, 15 Apr. 1943.

"Use of Smoke by German Air Force," TIT, 40:14-17, 16 Dec. 1943.

"Use of White Phosphorus to Illuminate Hostile Night Attacks," BEAPCP, 34:2, 13 Jan. 1945.

Waite, Alden H. "Colored Smoke for Identification," INF J, 52:41, Jun. 1943.

_____. "German Smoke Tactics," INF J, 55:47-51, Sep. 1944.

_____. "Smoke Armor Spread by the Square Mile to Cheat Enemy Bombers," POP SC, 143:62, 194-196, Jul. 1944.

_____. "Smoke for Defense," INF J, 53:45-47, Oct. 1943.

_____. "Smoke, the Modern Armor," MCG, 28:12-17, Jul. 1944.

Walter, Dennis I. "First Round Smoke," FA, 39:25-27, Jan. 1968.

Wason, S. R. "Smoke," JOUSIOI, 64:506-516, 1934.

"Where There's Smoke," CWB, 29:26,27, Nov. 1943.

Wise, William W. "Gas and Smoke from Airplanes," CW, 15:489-494, 1929.

_____. "Smoke?," CW, 14:473-482, 1928.

Young, C. E. "Smoke," CW, 13:118-122, Jun. 1927.

Young, W. R. "Smoke Warfare," AQ, 43:144-150, Oct. 1941.

Zerbee, Leigh F. J. "The Relation of Blinding Smoke to Fire Superiority,"
CW, 13:196, 197, 247, 248, Oct. 1927.

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