

# Tm 31 210 Improvised Munition Handbook

## Army

**TM 31-210 Improvised Munitions Handbook** United States United States Department of the Army, 2017-11-20  
Improvised Munitions Handbook TM 31 210.

**Tm 31-210 Improvised Munitions Handbook** Department of Defense, 2017-05-25 In Unconventional Warfare operations it may be impossible or unwise to use conventional military munitions as tools in the conduct of certain missions. It may be necessary instead to fabricate the required munitions from locally available or unassuming materials. The purpose of this manual is to increase the potential of Special Forces and guerrilla troops by describing in detail the manufacture of munitions from seemingly innocuous locally available materials. Manufactured, precision devices almost always will be more effective, more reliable, and easier to use than improvised ones, but shelf items will just not be available for certain operations for security or logistical reasons. Therefore the operator will have to rely on materials he can buy in a drug or paint store, find in a junk pile, or scrounge from military stocks. Also, many of the ingredients and materials used in fabricating homemade items are so commonplace or innocuous they can be carried without arousing suspicion. The completed item itself often is more easily concealed or camouflaged. In addition, the field expedient item can be tailored for the intended target, thereby providing an advantage over the standard item in flexibility and versatility. The manual contains simple explanations and illustrations to permit construction of the items by personnel not normally familiar with making and handling munitions. These items were conceived in-house or, obtained from other publications or personnel engaged in munitions or special warfare work. This manual includes methods for fabricating explosives, detonators, propellants, shaped charges, small arms, mortars, incendiaries, delays, switches, and similar items from indigenous materials.

**U.S. Army Improvised Munitions Handbook** Department of the Army, 2012-02-01 You don't need to be a trained soldier to fully appreciate this edition of the U.S. Army Improvised Munitions Handbook (TM 31-210). Originally created for soldiers in guerilla warfare situations, this handbook demonstrates the techniques for constructing weapons that are highly effective in the most harrowing of circumstances. Straightforward and incredibly user-friendly, it provides insightful information and step-by-step instructions on how to assemble weapons and explosives from common and readily available materials. Over 600 illustrations complement elaborate explanations of how to improvise any number of munitions from easily accessible resources. Whether you're a highly trained soldier or simply a civilian looking to be prepared, the U.S. Army

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*Improvised Munitions Handbook (Improvised Explosive Devices Or IEDs)* Department of the Army,2008-08-01 In Unconventional Warfare operations it may be impossible or unwise to use conventional military munitions as tools in the conduct of certain missions. It may be necessary instead to fabricate the required munitions from locally available or unassuming materials. The purpose of this manual is to increase the potential of Special Forces and guerrilla troops by describing in detail the manufacture of munitions from seemingly innocuous locally available materials. Manufactured, precision devices almost always will be more effective, more reliable, and easier to use than improvised ones, but shelf items will just not be available for certain operations for security or logistical reasons. Therefore the operator will have to rely on materials he can buy in a drug or paint store, find in a junk pile, or scrounge from military stocks. Also, many of the ingredients and materials used in fabricating homemade items are so commonplace or innocuous they can be carried without arousing suspicion. The completed item itself often is more easily concealed or camouflaged. In addition, the field expedient item can be tailored for the intended target, thereby providing an advantage over the standard item in flexibility and versatility. The manual contains simple explanations and illustrations to permit construction of the items by personnel not normally familiar with making and handling munitions. These items were conceived in-house or, obtained from other publications or personnel engaged in munitions or special warfare work. This manual includes methods for fabricating explosives, detonators, propellants, shaped charges, small arms, mortars, incendiaries, delays, switches, and similar items from indigenous materials.

*Improvised Munitions Handbook* U S Government,2004

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Improvised Munitions Handbook U.S. Department of Defense,2023-12-29 This manual provides detailed explanation of manufacturing munitions from seemingly innocuous locally available materials. As an official army manual, it was primarily intended to increase the potential of Special Forces and guerrilla troops, however, Improvised Munitions Handbook represents perfect reading for all arms enthusiasts, as well as civilians considering their safety. This edition offers simple instructions, enriched with a large number of illustrations, on various techniques for constructing many different weapons

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*Improvised Munitions Handbook - Learn How to Make Explosive Devices & Weapons from Scratch (Warfare Skills Series)* U.S. Department of Defense, 2017-05-29 This manual provides detailed explanation of manufacturing munitions from seemingly innocuous locally available materials. As an official army manual, it was primarily intended to increase the potential of Special Forces and guerrilla troops, however, Improvised Munitions Handbook represents perfect reading for all arms enthusiasts, as well as civilians considering their safety. This edition offers simple instructions, enriched with a large number of illustrations, on various techniques for constructing many different weapons and devices made of materials that can be bought in a drug or hardware store or found in a junkyard. The instructions are presented in a way that even people normally not familiar with making and handling munitions can use them. Table of Contents: Explosives and Propellants Plastic Explosive Filler Improvised Black Powder Carbone Tet- Explosive Methyl Nitrate Dynamite Urea Nitrate Explosive Sodium Chlorate and Sugar or Aluminum Explosive... Mines and Grenades Nail Grenade Wine Bottle Cone Charge Coke Bottle Shaped Charge... Small Arms Weapons and Ammunitions Pipe Pistol for 9 mm Ammunition Shotgun (12 gauge) Carbine (7.62 mm Standard Rifle Ammunition) Rifle Cartridge... Mortars and Rockets Shotgun Grenade Launcher Fire Bottle Launcher 60 mm Mortar Projectile Launcher... Incendiary Devices Chemical Fire Bottle Gelled Flame Fuels Improvised White Flare Improvised White Smoke Munitions... Fuses, Detonators & Delay Mechanisms Electric Bulb Initiator Fuse Igniter from Book Matches Delay Igniter from Cigarette Watch Delay Timer Can-Liquid Time Delay Detonator... Miscellaneous Mousetrap Switch Knife Switch Rope Grenade Launching Technique Bicycle Generator Power Source Improvised Battery Armor Materials... Primary High Explosives Secondary High Explosives

Improvised Munitions Handbook ,1969

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**Improvised Munitions Handbook** United States. Department of the Army,

**US Army Improvised Munitions Handbook** Department of the Army, 2015-10-08 You don't have to be on the front lines to appreciate the wealth of information in the U.S. Army Improvised Munitions Handbook. In fact, you never know when you might need to call on the lessons presented in these pages. First compiled as a reference for soldiers in guerrilla warfare situations without access to conventional weapons and supplies, this guide is full of potentially life-saving details on the construction of improvised munitions. Whether you're deep undercover in enemy territory or defending your home and

family, U.S. Army Improvised Munitions Handbook will keep you armed to the teeth with countless recipes for weapons made from items found in hardware stores, junk piles, drug stores, and gas stations. Including over 600 illustrations to accompany the text, this guide explains the step-by-step construction of a huge number of munitions ranging from incendiaries, explosives, propellants, charges, detonators, mortars, delays, switches, and more, from readily available materials. Ideal for active soldiers or civilians who want to be ready for anything, the U.S. Army Improvised Munitions Handbook is a complete resource for all your guerrilla warfare needs!

**Werwolf** ,2007

*Improvised Munitions Handbook* U. S. Army,2013-08-15 Perfect for law enforcement and soldiers who may encounter and need to recognize improvised weapons and explosives. This is a technical manual intended for the United States Special Forces describing manufacture of improvised weapons and explosives from readily available materials, from junk piles, common household chemicals and supplies purchased from regular stores. It was first published in 1969 by the Department of the Army. This is a remastered copy from the 1969 edition and is much easier to follow, while maintaining the original integrity of the formulas.

US Army Improvised Munitions Handbook Army,2015-10-08 You don't have to be on the front lines to appreciate the wealth of information in the US Army Improvised Munitions Handbook. In fact, you never know when you might need to call on the lessons presented in these pages. First compiled as a reference for soldiers in guerrilla warfare situations without access to conventional weapons and supplies, this guide is full of potentially life-saving details on the construction of improvised munitions. Whether you're deep undercover in enemy territory or defending your home and family, US Army Improvised Munitions Handbook will keep you armed to the teeth with countless recipes for weapons made from items found in hardware stores, junk piles, drug stores, and gas stations. Including over 600 illustrations to accompany the text, this guide explains the step-by-step construction of a huge number of munitions ranging from incendiaries, explosives, propellants, charges, detonators, mortars, delays, switches, and more, from readily available materials. Ideal for active soldiers or civilians who want to be ready for anything, the US Army Improvised Munitions Handbook is a complete resource for all your guerrilla warfare needs! Readers interested in related titles from The U.S. Army will also want to see: Army Guerrilla Warfare Handbook (ISBN: 9781626542730) Army Guide to Boobytraps (ISBN: 9781626544703) Army Leadership Field Manual FM 22-100 (ISBN: 9781626544291) Army M-1 Garand Technical Manual (ISBN: 9781626543300) Army Physical Readiness Training with Change FM 7-22 (ISBN: 9781626544017) Army Special Forces Guide to Unconventional Warfare (ISBN: 9781626542709) Army Survival Manual FM 21-76 (ISBN: 9781626544413) Army/Marine Corps Counterinsurgency Field Manual (ISBN: 9781626544246) Map Reading and Land Navigation FM 3-25.26 (ISBN: 9781626542983) Ranger Handbook SH 21-76 (ISBN: 9781626545199) Rigging Techniques, Procedures, and Applications FM

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**Improvised Munitions Black Book** Us Government,2020-06-15 You don't need to be a trained soldier to fully appreciate this edition of IMPROVISED MUNITIONS BLACK BOOK. Originally created for soldiers in guerrilla warfare situations, this handbook demonstrates the techniques for constructing weapons that are highly effective in the most harrowing of circumstances. Straightforward and incredibly user-friendly, it provides insightful information and step-by-step instructions on how to assemble weapons and explosives from common and readily available materials. Over 600 illustrations complement elaborate explanations of how to improvise any number of munitions from easily accessible resources. Whether you're a highly trained soldier or simply a civilian looking to be prepared, the IMPROVISED MUNITIONS BLACK BOOK is an invaluable addition to your library.

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