Russian Ratnik-3 (Warrior-3) Infantry Combat System with Exoskeleton to Turn Future Russian Military Infantry Soldier/Warfighters into 'Supermen'? Let's Hope Not.

defensereview.com/russian-ratnik-3-warrior-3-infantry-combat-system-with-exoskeleton-to-turn-future-russian-military-infantry-

David Crane Invalid Date

By David Crane
david (at) defensereview (dot) com

Photo(s) Credit: Sputnik News and Warsonline.info

October 31, 2016
Last updated on 11/01/16.



Since DefenseReview's (DR) been covering a lot of andvanced Russian military and tactical tech lately (see here and here), we might as well round it out by discussing the Ratnik-3 (Warrior-3) Infantry Combat System with exoskeleton tech real quick, especially since the Russians have been bragging up a storm about it. Comprised of more than 40 individual components, including combat/tactical firearms, tactical armor plate carriers/body armor systems, combat helmet with anti-splitter transparent visor with heads-up display that provides relevant C4ISR information, andvanced combat/tactical communications gear, chem/bio respirator/gas mask system with built-in microclimate support and a health monitoring system, adaptive camouflage BDU (Battle Dress Uniform), combat boots, combat pack (backpack) system, and the aforementioned powered exoskeleton system, all at lighter overall weight (several less kilograms). If that's all true, it's a pretty impressive future soldier package, assuming it all actually works, which remains to be seen. Sometimes Russian military tech works as advertised, and sometimes it doesn't. It's hit or miss. Let's hope they missed on at least some of it.

Anyway, the Ratnik-3 Infantry Combat System is designed for military infantrymen/riflemen, snipers, airborne combat vehicle gunners and armored vehicle drivers, and reportedly took about 15 years to develop. Defense Review hopes it takes the Russians at least another 15 years to dial it in properly, since they've really been upping their anti-American rhetoric lately, and it looks like we've entered Cold War 2.0. DR's going to keep an eye on this one.

Related Articles:





Russian RS-28 Sarmat Satan 2 'Super-Nuke' and 'object 4202' Hypersonic Glide Vehicle (HGV): Russia Getting Ready for for World War III (WWIII)?

Lobaev Arms SVLK-14S Sumrak (Twilight) Ultra Long-Range Rifle (ULRR): Developmental Sub-.2-.3 MOA Russian .408 CheyTac Bolt Action Anti-Materiel/Sniper Rifle Gunning for 2.6-Mile Range!

Russian Nano-Armor Coming in 2015 for Future Soldier 'Warrior Suit', and Russian Spetsnaz (Military Special Forces) Already Running Improved 6B43 Composite Hard Armor Plates, New Plate Carriers and Combat Helmets, AK Rifle/Carbines, GM-94 Grenade Launchers and other Tactical Gear in Crimea, Ukraine

Will TALOS (Tactical Assault Light Operator Suit)-Outfitted Future Soldiers Get Lightweight Abalone Shell-Based Flexible Scalar Biomimetic Metal Foam, Carbyne (Linear Acetylenic Carbon) and/or Multilayer Graphene Ballistic Armor Composites?

Tactical Assault Light Operator Suit (TALOS) + FlyBoard Air Ducted-Fan Hoverboard = Flying Super Soldiers: Future Military Special Operations Forces (SOF) Assaulters/Operators to Fly Themselves to the Target in Exo-Armor 'Iron Man'-Type Combat Suits?

USSOCOM Tactical Assault Light Operator Suit (TALOS) Exo-Armor Combat Suit for the Future Soldier/Warfighter: 'Iron Man', or Future Iron Thud on the U.S. Military Procurement Scrap Heap?

DR Exclusive Interview!: HyperStealth Quantum Stealth (QS) Light-Bending Passive Adaptive Camouflage (Camo)/Visual Cloaking Technology for the 21st Century Future Soldier/Warfighter: Beyond SMARTCAMO Color-Changing Hybrid Camouflage, Beyond Fictional Alien Predator's Active Electro-Optical Camouflage/Invisibility Cloaking Tech!

Direct Action Advanced Tactical Gear Systems Combat Clothing/Battle Dress Uniform (BDU) Prototypes: Prototype Combat Shirt and Pants! (Photos!)

Direct Action Advanced Tactical Gear Systems Spitfire Modular Tactical Armor Plate Carrier Outfitted with Direct Action Hurricane Chest Rig/Rifle Mag (Magazine) Carrier/Pouch Panel in Hyde Definition PenCott-GreenZone Foliage Green Combat Camo (Camouflage) Pattern! (Photos!)

B-TEMIA/Revision Military Prowler Human Augmentation System (HAS): Combat Exoskeleton Makes the Future Soldier Stronger, Faster, Better

Flexible Biological Scalar Body Armor for Future Soldiers?

DKX MAX III and Developmental MAX IV Lightweight, Multi-Hit/Drop-Resistant Dyneema "Floaty Armor" (Floating Armor) Maritime Hard Armor Plates at SHOT Show 2012 (Video!)

Russian Yu-71 Hypersonic Attack Aircraft (HAA)/ 'Nuke Glider' and Yu-74 Ultra-Maneuverable Hypersonic Glide Vehicle (HGV) Nuclear Attack Threats: Can We Defend Against Them?

Russian Low-Observable/Stealth Intercontinental Ballistic Missiles (and Possibly Anti-Ship Cruise Missiles?) Under Development: What It Means for Future Warfare and Geopolitics

Hypersonic Missiles Being Developed by China and the United States for World War III (WWIII): Meet the WU-14 Hypersonic Glide Vehicle (HGV) and DARPA-Raytheon Tactical Boost Glide (TBG) Hypersonic Cruise Missile

Pentagon Seeks Maneuverable Scramjet-Powered Ultrahigh Speed Strike Vehicle/Hypersonic UAS (Unmanned Aircraft/Aerial System): Meet the Latest Air Power Race!

Prompt Global Strike (PGS): We'll have the surgical hypersonic missile strike to your door, anywhere in the world, in one hour or less…or your pizza's free.

Reaction Engines SABRE Engine for SKYLON Hypersonic Aircraft/Spacecraft: Next-Engine Technology for US Military Hypersonic Global Strike Aircraft?

Chinese Develop New 'Ultra-Thin', Lightweight 'Tunable' UHF Microwave Radar-Absorbing Stealth Material Cloaking Technology for Manned and Unmanned Combat Aircraft and Warships

Chinese YJ-18 (YingJi-18) Low-Flying Subsonic-to-Supersonic Anti-Ship Cruise Missile (ASCM): Aircraft Carrier Killer Going Operational

New 'Illusion Coating' Adaptive Camouflage/Cloaking Tech Makes its Debut

Lockheed Martin Aero-adaptive Aero-optic Beam Control (ABC) Laser Weapon Turret for Supersonic Jet Fighter Aircraft: 360-Degree, 30-Kilowatt Spectral-Beam-Combining Laser Cuts Right Through Air Turbulence to Kill Targets!

U.S. Air Force Seeking Laser Weapons for Fighter Aircraft: Air-to-Air Combat Laser Cannon Cometh?

US Navy Approves Raytheon Laser Weapon System (LaWS) Shipborne Laser for Ship Defense in Persian Gulf after Successful Testing

Shipborne Raytheon Laser Weapon System (LaWS) Shoots Down Four Drone Aircraft over the Water in U.S. Navy Test (Video!): Can it Protect our Aircraft Carriers from the Latest Above-Water Threats?

Lasing Skulls in the Digital Age: Tactical Laser Weapons Finally Maturing for Future Warfare Applications: Meet the Boeing ATL (Advanced Tactical Laser) Airborne Laser Weapon

Chinese DF-21D ASBM (Anti-Ship Ballistic Missile): Will it Obsolete U.S. Aircraft Carriers?

Chinese Anti-Ship Ballistic Missile (ASBM) 'Kill Weapon' Flummoxes U.S. Navy