Beck Defense .510 Beck Tactical AR Rifle/Carbine/SBR with Lancer Systems L12AWM Advanced Warfighter Magazine and 'Controlled Chaos' Hybrid and Nano/Rdx Explosive Rounds!

David Crane

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

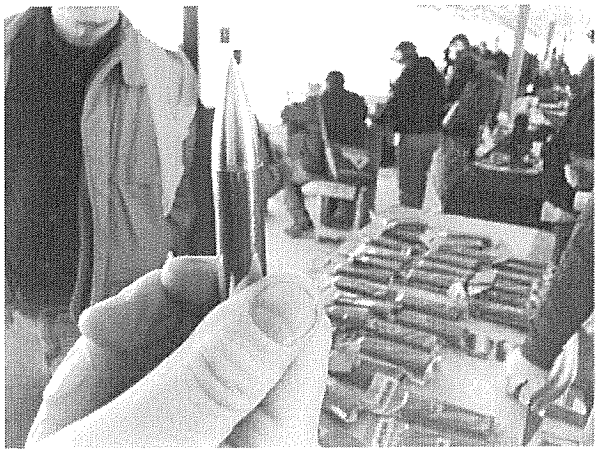
February 1, 2016
Last updated on 2/02/16.



DefenseReview (DR) recently got a chance to try out a Beck Defense .510 Beck tactical AR carbine utilizing a suppressed Lancer Systems DGI (Direct Gas Impingement) upper receiver and mag (rifle magazine), and we came away pretty impressed with it, to say the least. Let's just say right off the bat that it was easily one of the most interesting things DR saw and handled at SHOT Show 2016 Industry Day, and potentially one of the most important AR developments in the last…well, ever, assuming the ammo becomes plentiful via multiple major manufacturers, is affordable, and remains civilian-legal and thus commercially available (please God).

It's that badass.

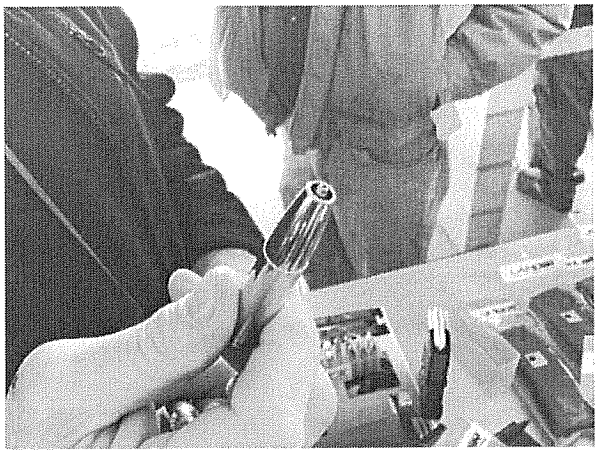
Anyway, the .510 is a straight-cased .50-caliber heavy cartridge that ranges between 327-grain supersonic rounds (2780 fps) all the way up to 900-grain subsonic tungsten rounds (1000 fps). Wow.



The launching platform is either a DPMS-pattern small-frame or SR-25-type large frame 7.62mm NATO (7.62x51mm NATO)/.308 Win. tactical AR lower receiver platform and a smoke-translucent polymer Lancer Systems L12AWM (also written L12 AWM) Advanced Warfighter Magazine, which Lancer developed specifically for the .510 Beck cartridge, using the L7AWM (or, L7 AWM) as a design base. Editor's Note: We love Lancers (mags) here at DR. Love the translucent polymer. Love the wraparound spring-steel feed lips. Love it all.

Anyway, Lancer's currently working on a 10-round mag for the .510 Beck, but DR believes the one we used and photographed was a 7-rounder. We were in a pretty big hurry at the Industry Day range.

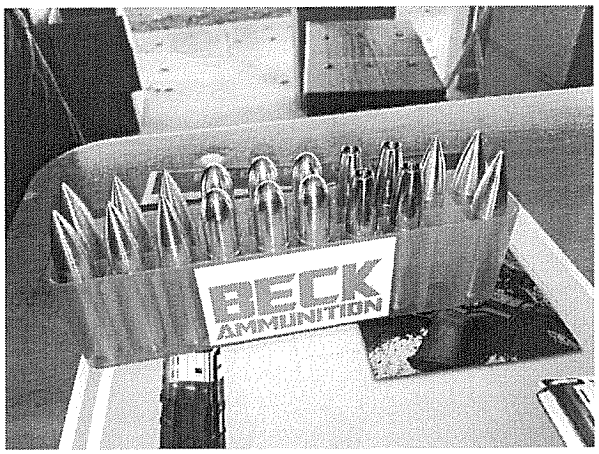
The kicker? The kicker is, the gun we shot didn't kick much. It shot pretty gently, actually, gently enough to surprise us.



The other thing that surprised us was the .510 Beck "Controlled Chaos" hybrid round we were shown (not that the more convential pointy round they showed us looked particularly pleasant to get shot with). "Controlled Chaos". Catchy…and seemingly accurate. If DR remembers correctly, and judging by the accompanying photo that we shot at Industry Day, it's comprised of a smaller OTM (Open-Tip Match) bullet inside a .510 Beck holowpoint bullet. Here's how it works: When the bullet hits soft tissue, the smaller inner bullet expands and assists in mushrooming the larger .510 Beck hollowpoint bullet, making for nice, devastating temporary and permament wound channels. When I initially saw it, all I could do was smile and shake my head, thinking what one of those rounds will probably end up doing to some unfortunate enemy combatant at some point. I'd be lying if I said I didn't want to see the video footage of that, along with autopsy footage. I dig ballistic forensics.

Oh, and it gets even better. The evil geniuses at Beck Defense (and Lehigh Defense and Starline Brass, apparently) are also developing a 492gr explosive supersonic Nano/RDX round that zips right along at 2530 fps (feet per second). That round's gonna' really ruin someone's week if/when it makes it to combat. Oh, and there's even a SLAP (Saboted Light Armor Penetrator) round in the works, just to not leave any stone unturned.

Here's the current complete list of rounds, right from the Beck Defense Weapons Systems data sheet:



"**Subsonic rds at 1000fps**
900 gr tungsten rounds
680 gr monolithic brass rds
650 gr monolithic expanding
Custom subsonic rounds can be manufactured based on end user requirements.

Supersonic rds
327gr monolithic hybrid rds at 2780fps
This round is a brass sleeve and can be assembled with different tips.
Aluminum tip penetrator
Tungsten tip penetrator
Steel tip penetrator
Titanium tip penetrator
This same round can be used as a payload delivery system.
30gr up to 100 gr of Nano/RDX 492gr monolithic rd 2530 fps
We are developing SLAP round of various grain weight at this time."

Beck Defense Weapons Systems Data Sheet

Defense Review is currently waiting on cost and availability data on all the .510 Beck weapons and ammo in current production, and we'll update this article accordingly. We'll also try to obtain MOA accuracy specs on all the respective rounds. In the meantime, let's just say this thing's looking pretty damned good so far. We just hope it's reliable, durable and accurate under adverse conditions and high round count. If it is, look out.

In the meantime, check out the S.I.T. Tactical video below on the Devil Dog Arms .510 Beck tactical AR. Looks pretty good.

Editor's Note: Our friend Rob Curtis at *Recoil* also seems to like the .510 Beck.

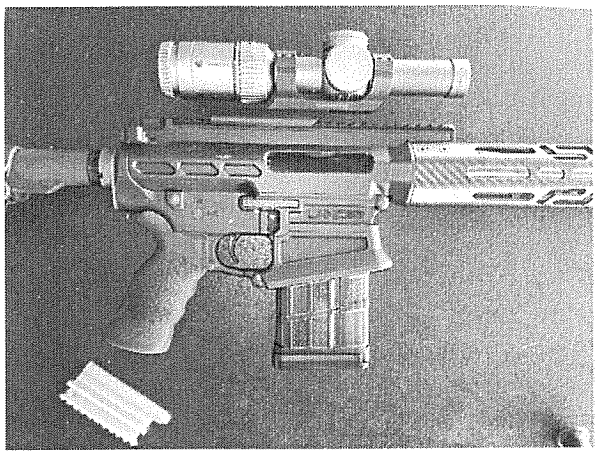
Company Contact Info:

Beck Defense
213 N Rupert St.
Fort Worth, TX 76107
Phone: 817-935-8377
Email Contact Page: http://beckdefense.net/contact
Website: http://beckdefense.net

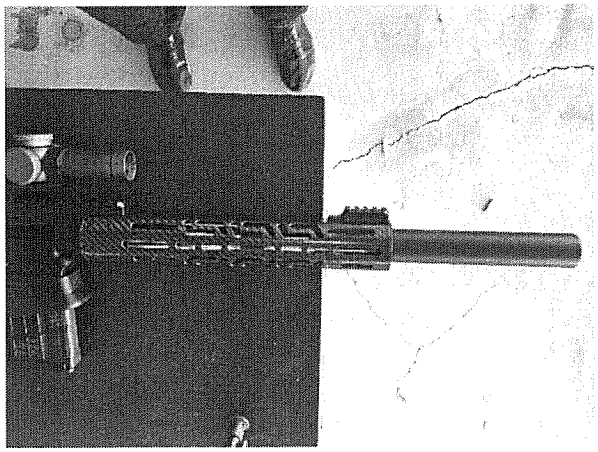
Lancer Systems
2800 Milford Square Pike
Quakertown, PA 18951
Phone: 610-973-2600
Fax: 610-973-2601
General Info Email: ls_info@lancer-systems.com
Sales Email: ls_sales@lancer-systems.com
Tech Support Email: ls_techsupport@lancer-systems.com
Website: http://www.lancer-systems.com

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All embedded DefenseReview.com (DR) photos were shot with an Apple iPhone 6s Plus smartphone still/video camera.







Related Articles:

Patriot Ordnance Factory POF-USA P-300 (also written P300) .300 Win. Mag (300WM) Tactical Piston AR Rifle/Carbine Debuts at SHOT Show 2016! (Video!)

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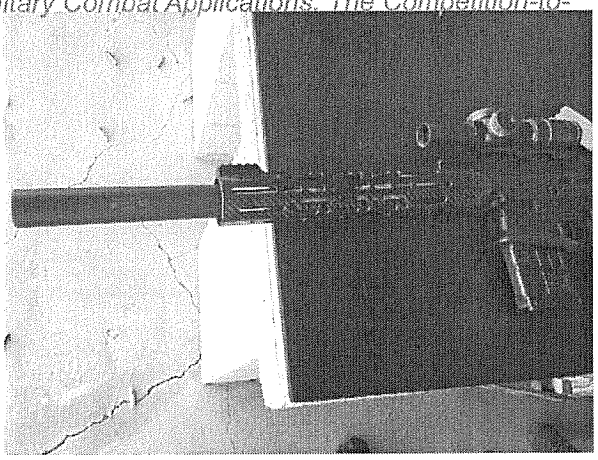
DRD Tactical KIVAARI, Paratus and CDR-15 Backpackable/Manpackable Quick-Takedown Semi-Auto Tactical AR Rifle/Carbines Get New Nickel-Boron (NiB) Battle Worn Finish!

Arex AKB15 (or AKB-15) 7.62x39mm Tactical AK-Type Rifle/Carbine/SBR: Where the Modernized Kalashnikov AK-47/AKM Meets AR-15/ACR Modularity and Ergonomics!

Tactical AR-15/M4/M4A1 Carbine Aftermarket Accessories for Military Combat Applications: The Competition-to-Combat Crossover, Part 3

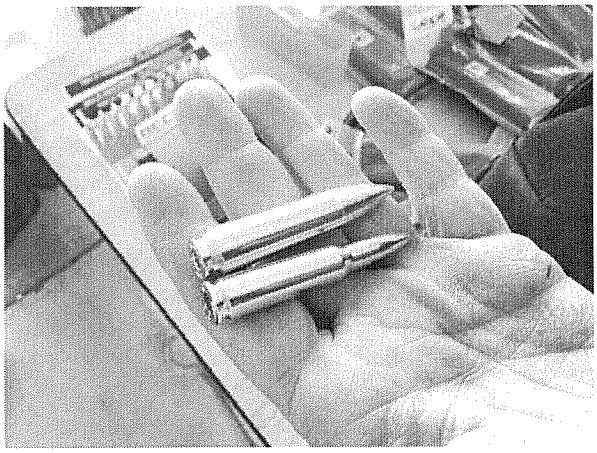
Tactical AR-15/M4/M4A1 Carbine/SBR Aftermarket Accessories for Military Combat Applications: The Competition-to-Combat Crossover, Part 2

Tactical AR-15/M4/M4A1 Carbine Aftermarket Accessories for Military Combat Applications: The Competition-to-Combat Crossover, Part 1



Jeff Gurwitch: IMI Defense Tactical AR Rifle/Carbine/SBR Accessories (G2 Enhanced 5.56mm and 7.62mm NATO Rifle Magazines, Flip-Up Buis, Buttstocks and Angled Foregrips) are Good to Go!

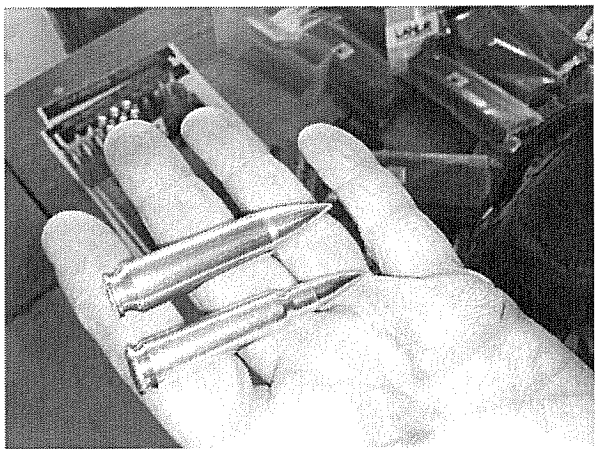
Adams Arms AA Small-Frame .308 Patrol Battle Rifle (PBR) 7.62mm NATO/.308 Win. Tactical Piston AR Carbine: Jeff Gurwitch Shoots Super-Fast 2-2-2 Drill (Tactical Shooting Drill) Using Gun Outfitted with Trijicon VCOG and IMI Defense 7.62mm NATO AR Mag (Magazine) and Accessories! (Video!)



Jeff Gurwitch Conducts Speed-Shooting Drill with New Adams Arms (AA) Piston-Driven Small-Frame 7.62mm NATO/.308 Win. Patrol Battle Rifle (PBR)/Carbine/SBR at the Range! (Video!)

Lancer Systems Introduces L15 "Configurable" AR (AR-15) Lower Receiver with Modular Magwell

Gen-2 Lancer Systems L5 Translucent Advanced Warfighter Magazine (AWM): Truly-Translucent Polymer 30-Round AR-15 Rifle/Carbine/SBR Mag!



Lancer Systems L5 Advanced Warfighter Magazine (Lancer L5 AWM) 30-Round 5.56mm NATO Translucent Polymer AR Mag (AR-15/M16 Rifle Magazine) to Debut at SHOT Show 2011

Lancer Systems L5 Translucent Polymer 30-Round Magazine for Tactical ARs

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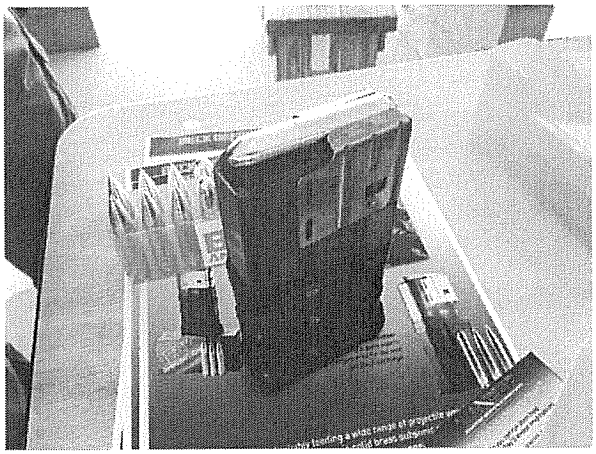
Limitless Gear Gun Belt Adapter System for OPFOR MC-R Rigid Polymer Fast-Attach/Quick-Detach and Retention 5.56mm AR Rifle Mag (Magazine) Carrier/Pouch

DR Interview with David Pavlick of Nous Defions about Arsenal Democracy's Future, and Tactical AR Carbine/SBR and Blackside Glock Combat/Tactical Pistol Accessories, Components and Parts: 10 Questions

Arsenal Democracy AD PDW 8.5" 5.56mm/300 Blackout (300BLK) Tactical AR-15 SBR (Short Barreled Rifle) with AD-PDW Stock Minimalist Buttstock and Ambi Controls for Dynamic CQB/CQC Gunfighting, Military PSD, and Vehicle Ops! (Video!)



SIG MCX LVAW (Low-Visibility Assault Weapon) 'Black Mamba' Suppressed 300 Blackout (300BLK) Piston AR Assault SBR/PDW (Short Barreled Rifle/Personal Defense Weapon) Fired on Full-Auto and Semi-Auto with Subsonic and Supersonic Ammo During SIG SAUER New Media Writers' Event (Video!)



The Big M4 Myth: 'Fouling caused by the direct impingement gas system makes the M4/M4A1 Carbine unreliable.'

An Operator's View of M4/M4A1 Carbine (and Tactical AR-15 Carbine) Malfunctions

M4/M4A1 Carbine Reliability Issues Part II: Diagnosing the root cause.

AR-15/M4/M4A1 Carbine Reliability Issues: Why They Occur, and Why They're Our Fault!

A Tale of Two Custom Mid-Length AR Carbines: The Frankengun (Frankencarbine) Project