mp7 airsoft The MP-10
Posted by Marten Kemp - 2008/09/14 06:27

David E. Powell <David_Powell3...@msn.com wrote in message <news:cc26d78242d2e2527329c961b3ee85df@TeraNews... I wonder if they will push their USC any? The Universal Service Carbine, in .45 ACP, sold to civilians in the US with a 10 round magazine, but probably available with bigger ones to police and military types. It uses a lot of polymers and has a very good balance. The parts that are steel (I think they are made of steel) are very high quality. The example I saw had ghost ring sights, a mounting rail, and was extremely balanced and pointable. Perhaps the UMP is supposed to go against the other PDW type weapons that are out there. Didn't Steyr have a machine pistol of sorts out as well? The Steyr TMP, a 9mm pistol with a 25-round clip, IIRC. Not bad, but I'd prefer that Beretta that John Travolta was using in Broken Arrow - a Beretta 93R with some of those aftermarket 30-round clips. Load it with the Federal 9BPLE or Cor-Bon 115-grain +P+ loads, and you'd pretty much be set. The Glock 18 (with a 33-round clip) would also be a valid option. What ever happened to those 50-shot pistols that all the cowboys in those Saturday matinee serials used to carry? Damfino why the military never adopted them. I was more impressed by the Good Guy model revolvers which apparently had some sort of terminal guidance system that allowed its bullets to strike only the _weapons_ of the bad guys. At extreme range. In windy conditions. Fired from the hip. Home on attitude projectiles?

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Posted by gmlyle - 2008/09/14 06:27

Fired from the hip. Home on attitude projectiles? Perhaps. I got a good laugh at the scene in Rustlers Rhapsody where the good guy did target practice with silhouette targets of pistols. Don't worry, I'm just going to shoot the guns out of your hands... George

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Posted by David E. Powell - 2008/09/14 06:27

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only the _weapons_ of the bad guys. At extreme range. In windy conditions. Fired from the hip. Home on attitude projectiles? Perhaps. I got a good laugh at the scene in Rustlers Rhapsody where the good guy did target practice with silhouette targets of pistols. Don't worry, I'm just going to shoot the guns out of your hands... George In the America's First Freedom magazine, May 2003, there is a profile of a pinfire revolver on Pages 52 and 53. The revolver had two layers of chambers in the cylinder, one around the other, with staggered firing holes for the cartridges. I'm guessing that the hammer's firing pin may have swiveled between layers like the LeMat Percussion revolver's did for it's nine shot .44 caliber cylinder and underbarrel in shotgun/large round ball caliber. The pinfire revolver is a 7-millimeter, made in Belgium around the time of the American Civil War. The cylinder's two layers of chambers hold a total of twenty-one rounds. DEP

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Posted by Paul J. Adam - 2008/09/14 06:27

Didn't Steyr have a machine pistol of sorts out as well? The Tactical Machine Pistol. A well-made 9mm that's a bit too big for a pistol and too small for a SMG.

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Posted by Paul J. Adam - 2008/09/14 06:27

The Tactical Machine Pistol. A well-made 9mm that's a bit too big for a pistol and too small for a SMG. Has Steyr been suffering in sales? Haven't heard one way or another. Their website doesn't list the TMP any more, though. (People seem to still like the AUG)

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Posted by Barlow2 - 2008/09/14 06:27

It's not as bad as some of the shootings in Massad Ayoob's files, though. Ayoob has cases where the 147s went THROUGH the bad guy and hit innocent bystanders, and some of those incidents were fatal. He seems to think that Marshall's closer to the mark than Fackler. Ayoob's not known for holding back on stuff that he considers junk, and he knows his stuff. Mr. Ayoob is overrated, and this thing about over-penetration is a total canard. Most rounds fired in a gunfight miss the target entirely, and as a result, there's little sense getting all that worked up about over-penetration. Best result for a shooting if for your bullet to go in one side and out the other. The subject bleeds out faster that way. Lensman Hey, Mr. Taliban, tally me munitions. Here they come, and they gonna go boom

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Posted by David E. Powell - 2008/09/14 06:27

The Tactical Machine Pistol. A well-made 9mm that's a bit too big for a pistol and too small for a SMG. Has Steyr been suffering in sales? Haven't heard one way or another. Their website doesn't list the TMP any more, though. (People seem to still like the AUG) It is a pretty interesting package. I wonder if it is hard for small arms companies to keep up defense research with only defense contracts, if civilian sales are hurting? The thing about the TMP, while I am sure it was excellent, is it always seemed that there might have been plenty of Mac-10s, M-11s, Uzis, Tec-9s and so on that would be able to do similar jobs, as well as many other high end competitors in the 9mm security service SMG market. Perhaps Steyr's gun arrived either too late (to compete with the other 9mms) or too early (Before the wave of PDWs with the custom high-velocity ammo.) I have to compliment your knowledge of weapons, Mr. Adam. DEP - Hide quoted text -- Show quoted text -

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Posted by Fred J. McCall - 2008/09/14 06:27

:Best result for a shooting if for your bullet to go in one side and out the :other. The subject bleeds out faster that way. Well, I have to disagree with that. Best result for a shooting is for your largish caliber round to give up all its energy in the body and not come out. Better hydrostatic shock effects that way, everything else being equal.

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Posted by Harold Hutchison - 2008/09/14 06:27

:Best result for a shooting if for your bullet to go in one side and out the :other. The subject bleeds out faster that way. Well, I have to disagree with that. Best result for a shooting is for your largish caliber round to give up all its energy in the body and not come out. Better hydrostatic shock effects that way, everything else being equal. Not to mention that there is no telling who might be BEHIND the guy you're trying to shoot. In one end and out the other works great for hunting or in linear combat situations, but when you can't be sure of what's behind the guy you need to shoot, it kinda makes sense to make sure the round stays in the bad guy.

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Posted by Barlow2 - 2008/09/14 06:27

Mr. McCall enlightens us: Well, I have to disagree with that. Best result for a shooting is for your largish caliber round to give up all its energy in the body and not come out. Better hydrostatic shock effects that way, everything else being equal. Fred, you are a victim of a widely held, but false, belief. There is no such thing as hydrostatic shock from a pistol bullet. A .45 ACP has about the same kinetic energy as a fastball (run the numbers yourself), which rarely kill batters, even when hitting one in the head. Except for the brain and the liver, human tissue is very flexible material, and its being stretched and released causes no more damage than a minor bruise. A bullet damages tissue only though one mechanism, physically destroying it (crushing) by passing through it. Thus a .45 bullet makes a a half-inch (or so) hole, and people bleed into and out of that hole. If the bullet goes in and out, they bleed somewhat more efficiently. Death comes only when the brain and/or central nervous system is denied oxygen and stops functioning. There is no other way for a person to die. (Yes, a bullet through the brain has a similar effect.) Similarly, there is no such thing as damage from a “temporary cavity” caused by a bullet‘s passage. This is easily proven. When a surgeon operates on a person, he pushes intervening tissue out of his way. That is, and must be a “temporary cavity,” but people do not die from it, else surgery would be largely impossible as a remedial form of medicine. Also, just about everything you see in the movies about guns and wounding people is fantastically false. Hollywolod does not understand conservation of momentum. Science and experience show that Colonel Colt got it right back in 1850 or so. A large, heavy, slow bullet has more adverse effects on people than a small, lighter, high-speed bullet. The weapons used in the American Civil war were the most lethal ever placed on a battlefield. They were replaced by other weapons not because of wounding effects per se, but because they can reach farther (military rifles back then had sights running to ranges of more than a thousand yards), be shot more rapidly (bolt action, etc.), and were much lighter (hence more rounds could be carried by the soldiers). Being hit by a M1860 Springfield rifled musket was pretty damned bad, but a 30-06 FMJ hit if not in a particularly vital area heals pretty easily—DESPITE its greater kinetic energy, generated by its far greater velocity. If you want chapter and verse on this, I can deliver. Lensman Hey, Mr. Taliban, tally me munitions. Here they come, and they gonna go boom

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Posted by Mary Shafer - 2008/09/14 06:27

There is no such thing as hydrostatic shock from a pistol bullet. A .45 ACP has about the same kinetic energy as a fastball (run the numbers yourself), which rarely kill batters, even when hitting one in the head. Except for the brain and the liver, human tissue is very flexible material, and its being stretched and released causes no more damage than a minor bruise. Maybe you should study incompressible flow. Fluid mechanics is useful for lot more than just aerodynamics, you know. You've also overlooked what happens when a bullet hits bone. Mary

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Posted by cMAD - 2008/09/14 06:27

Mr. McCall enlightens us: Well, I have to disagree with that. Best result for a shooting is for your largish caliber round to give up all its energy in the body and not come out. Better hydrostatic shock effects that way, everything else being equal. Fred, you are a victim of a widely held, but false, belief. Then so was the professor who taught me incompressible flow. There is no such thing as hydrostatic shock from a pistol bullet. A .45 ACP has about the same kinetic energy as a fastball (run the numbers yourself), which rarely kill batters, even when hitting one in the head. Except for the brain and the liver, human tissue is very flexible material, and its being stretched and released causes no more damage than a minor bruise. Maybe you should study incompressible flow. Fluid mechanics is useful for lot more than just aerodynamics, you know. You've also overlooked what happens when a bullet hits bone. <preposterous Feynman mode What's the speed of sound in the human body? What are the velocities of US Civil war and modern day bullets in the human body?? </preposterous Feynman mode cMAD <- I need to be careful with that Feynman mode. Last time I used it I was REMARKABLY wrong.

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Posted by Paul J. Adam - 2008/09/14 06:27

You've also overlooked what happens when a bullet hits bone. True, but that's not a hydrostatic shock issue: more like spalling.

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Posted by Paul J. Adam - 2008/09/14 06:27

I have to compliment your knowledge of weapons, Mr. Adam. It's a hobby. One that helped me get my current job...

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Posted by gmlyle - 2008/09/14 06:27

</preposterous Feynman mode Oh, don't stop now! I like Feynman George

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Posted by Fred J. McCall - 2008/09/14 06:27

:There is no such thing as hydrostatic shock from a pistol bullet. A .45 ACP has :about the same kinetic energy as a fastball (run the numbers yourself), which :rarely kill batters, even when hitting one in the head. Except for the brain :and the liver, human tissue is very flexible material, and its being stretched :and released causes no more damage than a minor bruise. And if a bullet was the size of a baseball so that the impact was spread over that large an area you would be precisely correct. However, consider that one of the factors that keeps us from making lighter, less bulky body armor is that the padding and spreading of the bullet impact is essential. It's not that a thinner vest cannot stop a bullet. It can. However, if the vest is too thin, you have to start worrying about blunt force trauma to internal organs from the bullet impact, which has the possibility of causing lethal trauma even without penetration.

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Posted by Barlow2 - 2008/09/14 06:27

Mr McCall rises to the bait as follows: :There is no such thing as hydrostatic shock from a pistol bullet. A .45 ACP has :about the same kinetic energy as a fastball (run the numbers yourself), which :rarely kill batters, even when hitting one in the head. Except for the brain :and the liver, human tissue is very flexible material, and its being stretched :and released causes no more damage than a minor bruise. And if a bullet was the size of a baseball so that the impact was spread over that large an area you would be precisely correct. However, consider that one of the factors that keeps us from making lighter, less bulky body armor is that the padding and spreading of the bullet impact is essential. It's not that a thinner vest cannot stop a bullet. It can. However, if the vest is too thin, you have to start worrying about blunt force trauma to internal organs from the bullet impact, which has the possibility of causing lethal trauma even without penetration. Fred, you are correct insofar as no thin material can reliably stop a bullet of any sort. (Hmm, maybe really hard steel, but that stuff makes crummy shirts), and so when the vest material flexes, some energy transfer is possible. In fact, even the ceramic plates SWAT teams use for center-chest protection can, when hit by a bullet of the .308 Winchester class, transmit enough blunt trauma force to put the heart into lethal fibrillation. (Supposedly some prizefighters have died from this, though I have trouble believing it.) But since pistol bullets inflict injury not by energy transfer, but by physical penetration and direct (crushing) destruction of tissue, the comparison with a baseball holds all the water it needs for this discussion. It’s hard to die of a bruise to the abdomen. It’s a lot easier to bleed out from a lacerated spleen. Lensman Hey, Mr. Taliban, tally me munitions. Here they come, and they gonna go boom

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Posted by Howard Berkowitz - 2008/09/14 06:27

But since pistol bullets inflict injury not by energy transfer, but by physical penetration and direct (crushing) destruction of tissue, the comparison with a baseball holds all the water it needs for this discussion. It’s hard to die of a bruise to the abdomen. It’s a lot easier to bleed out from a lacerated spleen. A bruise to the heart, however,

involves mechanisms that a bruise to the heart does not.

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Posted by Harold Hutchison - 2008/09/14 06:27

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Mr McCall rises to the bait as follows: :There is no such thing as hydrostatic shock from a pistol bullet. A .45 ACP has :about the same kinetic energy as a fastball (run the numbers yourself), which :rarely kill batters, even when hitting one in the head. Except for the brain :and the liver, human tissue is very flexible material, and its being stretched :and released causes no more damage than a minor bruise. And if a bullet was the size of a baseball so that the impact was spread over that large an area you would be precisely correct. However, consider that one of the factors that keeps us from making lighter, less bulky body armor is that the padding and spreading of the bullet impact is essential. It's not that a thinner vest cannot stop a bullet. It can. However, if the vest is too thin, you have to start worrying about blunt force trauma to internal organs from the bullet impact, which has the possibility of causing lethal trauma even without penetration. Fred, you are correct insofar as no thin material can reliably stop a bullet of any sort. (Hmm, maybe really hard steel, but that stuff makes crummy shirts), and so when the vest material flexes, some energy transfer is possible. In fact, even the ceramic plates SWAT teams use for center-chest protection can, when hit by a bullet of the .308 Winchester class, transmit enough blunt trauma force to put the heart into lethal fibrillation. (Supposedly some prizefighters have died from this, though I have trouble believing it.) But since pistol bullets inflict injury not by energy transfer, but by physical penetration and direct (crushing) destruction of tissue, the comparison with a baseball holds all the water it needs for this discussion. It’s hard to die of a bruise to the abdomen. It’s a lot easier to bleed out from a lacerated spleen. Lensman Hey, Mr. Taliban, tally me munitions. Here they come, and they gonna go boom Perhaps, but would a deep-penetrating bullet like the 147-grain JHPs the FBI went to have caused the shooters in the Miami shootout of 1986 to stop in the first rounds, before they managed to kill two FBI agents and wound several others? I'm not entirely convinced about this, and the FBI also, in my opinion, might have made a mistake by re-fighting the last gunfight. On the other hand, I've heard about an interesting round from a company called Triton, which produces the Quik-Shok round - designed by Tom Burczynski, who also designed the Federal Hydra-Shok. The Quik-Shok is a hollow-point/frangible hybrid fired at high velocity (+P velocities), and will fragment inside the target, creating three crush cavities.

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