

# Reducing I E D American Casualties in Iraq by Visibility-Stealth Concealment of Vehicles.

For licensing or partnership, Patent Pending

Install **stealth** & its **ON / OFF** Switch, 85% - 100% reduced eye-&-IR detection.

Click on <http://www.saferplane.com/stealth>



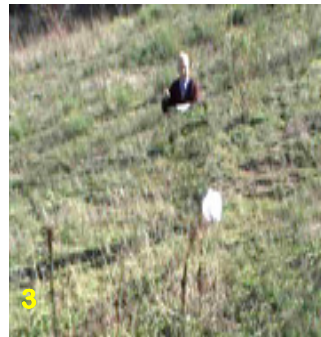
**Visibility-&-IR Stealth**, Stealth concealment of personnel, vehicles, & tools to become unspottable by enemy eyes, camcorder, or night viewer with the simplicity of an **ON / OFF** switch and without impeding any normal function as wheels, firing, feet, hands, mouth, ears, or sight, is a powerful system day or night in war & in peace. The **IR stealth** against passive or active IR viewers & detectors makes it a more powerful tool in war. In a battle, the forward scout or air observer can not use the laser GPS-locator to guide the far-behind artillery to target. Also, air or land fired missiles do not see or sense their land targets. Heat seeking missiles can not see flying helicopters. The IR & visibility is reduced by 85%.



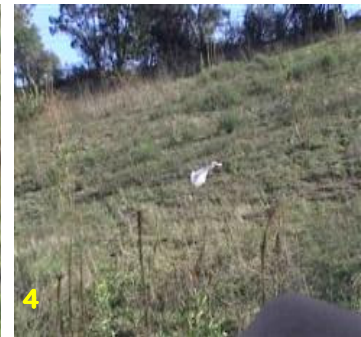
1 Normal unconcealed



2 Stealth OFF



3 Partial Stealth ON



4 Full Stealth, person



5 Light weight hands-feet-mouth-ears-&-eyes From partial or full unimpeded concealment



6



7 Stealth OFF



8 Head concealed

**Field Live-Demonstration:** available where a person in a bunker rises & shoots blanks at observers & camcorder at more than 20 feet away without being spotted by the observers or by camcorder, Live demo of concealed robot, picture # 10 or 11 is an option.

American casualties caused by roadside **I E D** ( Improvised Explosive Devices ) triggered by insurgents are reduced by concealing the army carriers & Strykers. The Pentagon solution of 4-video-screens on the 4 sides of the vehicle performed well but it is too expensive. The Senate-approved 230,000 upper-side armor (3.2 Kg) at \$5,700 a piece are a

too heavy extra burden for Army Secretary Francis Harvey to accept. Furthermore, the full body armor did not help the embedded Journalist ABC Anchor Bob Woodruff. However the Senate-approved but unspent-yet budget can outfit the 6,000 carriers in Iraq within 4 months. With visibility reduction of 85–100%, the carriers at more than **20 feet** are unspottable by insurgents for subsequent IED targeting. According to field commanders, the solution of building a new road to Baghdad airport can be outsmarted by insurgents.

**Installation:** Apply stealth on the 4 sides of the vehicle & turn switch **OFF**. **Turn switch ON** when needed. For personnel or for a dog, wear outfit or headset while hands, feet, eyes, ears, & mouth remain free.

**Applications:** In war or peace. Stealthy you or your stealthy dog can hide & hunt live birds & animals. Use stealth in robots, boats, SOC, carriers, infiltrating front lines, & kidnap enemy officers. Stealthy persons with stealthy RPGs can destabilize enemy. Lab tests shows that this IR-stealth conceals **helicopters** from fire-&-forget heat seeking ground missiles.

**Tentative prices:** Visibility stealth with **ON / OFF** switch is: \$1,600 for person, \$2,800 for hunting or police dog, \$29,000 for APC Hummer, \$49,000 for Stryker or tank., & \$59,000 for speed boat, Pricing for IR-Stealth and night vision will be available soon.

**Limitations:** Not less than 20 feet distance and no conversation with closeby enemy. This stealth system of becoming unspottable by eye or by camcorder is an all weather, day / night, still / moving, & land / sea. The add-on **IR-Stealth** appears successful to conceal vehicles and personnel from passive / active IR detection by night goggles, video, & binocular. Thus aiming an RPG or heat-seeking missile at un-visible or at IR un-detectable targets does not happen . Regardless what triggering device the insurgents use, visual contact is required for not wasting IED on non-American vehicles. Also, electronic devices & handheld radar requires initial visual spotting become useless to insurgents. The technology is still in its infancy and more windows of usefulness may open. In battle, heat-seeking-or-not or fire-&-Forget missiles become useless.



9 Partially-concealed in the city.



10 Cloaked-front robot coming



11 Cloaked-front with slanted view



12 White flag on robot antenna



13 Cloaked 1 of 4 sides of robot.



14 Cloaked-front robot, side view.

**IR Stealth protects helicopters:** IR-Stealth on personnel, robots, and motorized vehicles with running engines day / night are un-detected by passive or active night viewers and sensors. Shoulder fired heat seeking missile becomes useless against flying helicopters for further reduction in American casualties in Iraq and in Afghanistan.

**Hostage Rescue Team:** Hijacking passenger planes is a world danger and so is prison uprising, bank holdup, & Police stand off. In 2005, the 105 Russian school children of 6-11 years old perished in a terrorist hostages taking. We can supply stealth outfits to police & to their dogs. While refueling, the unspotable members enter the plane & apprehend the terrorists. Similar intervention applies to other on-land tense situations.

**Video Clips:** Two video clips available: 1. A stealthy **person** almost un-visible to the naked eye, walking on city pavement. 2. Moving & stationary Stealthy **robot** in the open and on city pavement. 3. **IR cloaked** person walking in the dark seeing the feet moving with un-visible head, midsection, or rifle.

**Defense is Highly Profitable.** Stealth is highly needed **worldwide**. With no competition, the market can bear high markups for the army and for security. The USA Army famous pay of \$3,500 for a **toilet seat lid** ( lid only ) is not a fair example that did happen in defense market' Strong Patent Protection is in place.

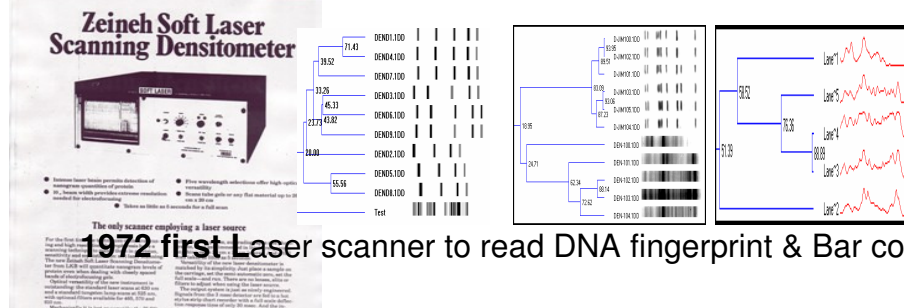
**Articles in Defense Review journal:**

Click on <http://www.military.com/soldiertech> to view the main article in **Military.com journal**

Click on <http://www.defensereview.com/modules.php?name=News&file=article&sid=850>

And on <http://www.defensereview.com/modules.php?name=News&file=print&sid=850>

**A Proven Inventor:**  
**Who in 1972 invented the first laser scanner that read DNA & Bar code**



The American Congress paid for the education of WVa University graduate, Dr. Z. Dr. Z also invented **the First Laser Scanner**, a 1972 USA Patent # 4025200 marketed then by Pharmacia-LKB whose owner paid 43% of Sweden payroll. As Pharmacia-LKB sold the first 84 Zeineh Laser Scanning Densitometers in 1978 and with no contingency lawyers then, the Giant competed Dr. Z out of market & swallowed him alive preventing him from further contribution to medicine, science, & humanity. Similar uncalled for greed need not to happen again. The Pharmacia laser market for DNA now is over \$2 Billions / year.

The original Zeineh laser software reads **DNA** identity, In addition to reading DNA identity, the laser scanner has evolved now to read **Bar Codes** & calculate prices as in grocery stores, route & track mail in post office, shipping, & libraries. Click <http://www.aabi.com> and run 1D Clustering / fingerprinting as seen in above graphs.

Dr. Z also invented the **passenger plane anti-hijacking** device in Dec. 2001, USA Patent # 6,943,701 that diverts the hijacked plane away from value targets as Atomic Reactors, dams, The White House, The Pentagon, Al-Kaaba, ... click on <http://www.saferplane.com>

**Note:** The B2 Bomber won **American Supremecy** & the Iraq war overnight. President Carter declared the technology success 28 years ago. The technology cost has exceeded

**#3 Trillion** & 30 years time. This visibility-IR stealth value is immense....., **What say you?**

Martin Shekel, President, Dr. R A Zeineh, Technical Director

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