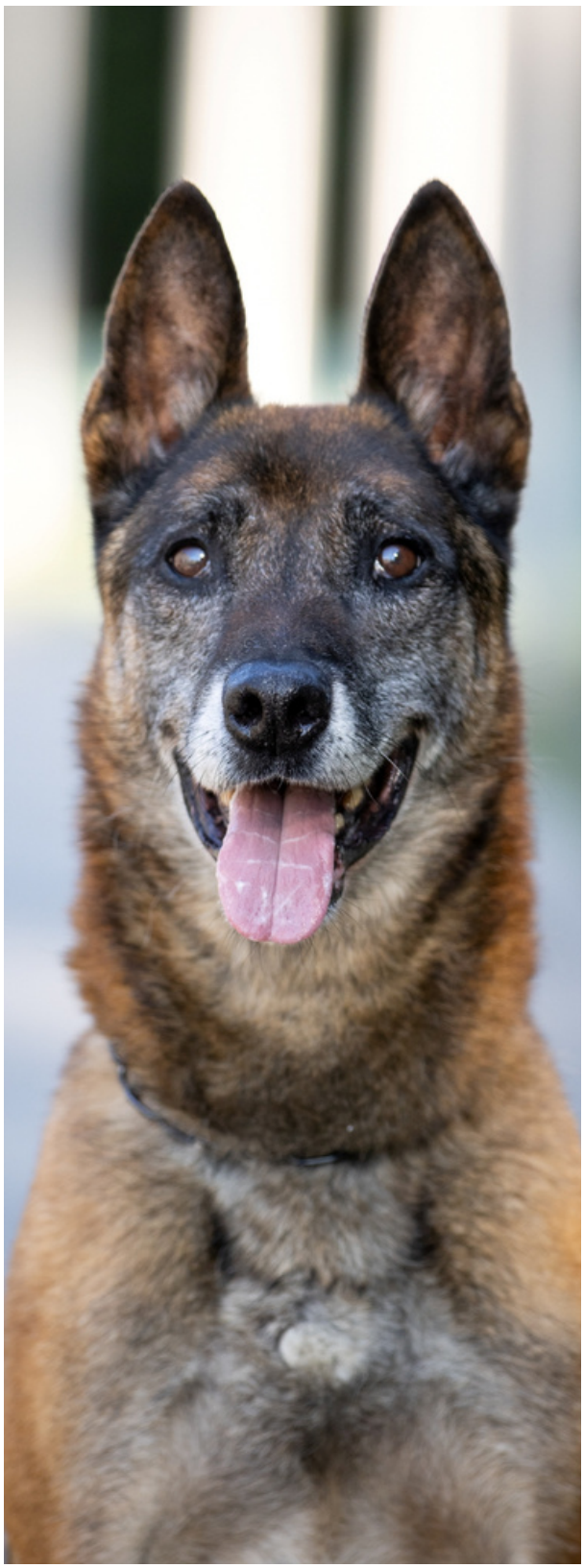
IRONDOG K9 INTERNATIONAL

Irondog K9 International Inc.
110 Riverbend Drive
McDonough, GA 30252
678-346-5166
Admin@irondogk9intl.org
www.irondogk9intl.org

Donation
of
K9 DIESEL

GOALS

In 2022, we set a goal to donate a K9 Diesel (a highly technical dog mannikin) to be used for training K9 handlers on how to care for their dogs in the event of a traumatic event until appropriate advanced medical intervention can be deployed.



TACMED SOLUTIONS

K9 Diesel Simulator

We are excited to announce that the goal we set last year has come to fruition!

Irondog K9 International is officially releasing the HUGE donation of a TacMed Solutions K9 Diesel Simulator (a value of $65,000) to K9 Medic on October 5, 2023.

IRONDOG K 9 INTERNATIONAL ®

K9 Diesel

The following is greater detail about K9 Diesel and how this donation would allow optimal training opportunities through the use of this tool and be matched by K9 MEDIC's donation of instructional expertise.

PROVIDED BY JO-ANNE BRENNER, EXECUTIVE DIRECTOR AND FOUNDER OF K9 MEDIC:

MISSION

The investment of a TacMed Solutions K9 Diesel simulator mannikin will save lives and improve the safety and effectiveness of many Working K9s.

Key features which make K9 Diesel such an invaluable training tool :

1. **Realistic, controllable, measurable bleeding:**

Massive hemorrhage control is a major risk faced by all of our Working K9s, whether that risk comes from a suspect's gun or knife, and/or whether it's a risky environment that includes barbed wire, high speed traffic, or sharp surfaces.

While other mannikins may bleed, the mannikins from TacMed Solutions are the only ones that provide accurate feedback to both the student and the instructor. This is especially important for skills such as wound packing. Is the student actually packing the wound effectively? Are they providing enough pressure? Have they found the correct location? These are all life-saving questions which are impossible to accurately evaluate on other mannikins. With TacMed solutions, it's as simple as a green light on the instructor's remote control. Was the bleeding completely stopped? Yes. Life Saved.

When comparing K9 Hero to K9 Diesel, K9 Diesel offers a wider variety of bleeding control scenarios, including an amputation and junctional wounds. These training options are essential.

2. Highly Realistic Airways:

Airway emergencies are another preventable cause of death for Working K9s. Fortunately, with realistic training, students can learn to intubate a patient (or higher-level students can learn emergency airways). While a wide variety of mannikins offer airway training, there is only one other mannikin that offers the realism that compares to TacMed Solutions and that mannikin is much more costly and not ruggedized for field use (Though we do consider their isolated Airway skills trainer a good compliment to K9 Diesel). The TacMed Solutions mannikins offer highly realistic, hand painted oral cavities, and accurate organ representation. For more basic airway emergencies, the excellent representation of the dog's lips and the very realistic musculature of the neck make for very accurate rescue breathing.

3. TENSION PNEUMOTHORAX DEVELOPMENT AND RESOLUTION:

Tension pneumothorax is a life-threatening emergency that can occur whenever a K9 experiences trauma to the torso. This could include gunshot or stabbing wounds, being hit by a car, falls, or blast injuries. There are multiple skills involved in assessing and treating these injuries.

First, K9 Diesel has very realistic fur that can be "raked" effectively. It is attached in such a way that it moves like a real dog's skin. And unlike other mannikins, the instructor is not required to continually say "ignore that, that it is out of our play" with regards to snaps, holes, velcro or other distractor construction elements. It feels the way a dog feels.

Next, K9 Diesel has a very realistic rib structure so that if the dog needs to have a needle inserted, the correct location can be found very accurately and allows for the placement of the needle, including the sound of the actual air being released.

Finally, K9 Diesel actually has a breathing pattern (yes he breathes!) that mimics both the onset of initial respiratory distress AND the improvement once the student completes the decompression.

For comparison, K9 Hero does have a decompression site, but it is on one side only, requires a zipper to access it and does not have any breathing features. K9 Diesel offers a much more accurate depiction of the assessment, treatment, and resolution.

4.FLUID THERAPY:

The administration of fluid therapy is one of the most frequently used life-saving skills, whether it be for trauma, heat emergencies (the leading cause of preventable death), or other emergencies such as GDV/Bloat or toxins. Whether the K9 Handler learns to do it themselves or uses the "Handler Assist" skill of teaching a medic in real-time, these skills save lives.

K9 Diesel offers very realistic IV and IO skills. For example, when performing the IV skill, the student receives verification that the catheter is placed correctly when they see the "flashback" of blood.

Comparing K9 Diesel to K9 Hero, while both are accurate, K9 Diesel has IV access in both front limbs (vs just one) and has an extra IO location, the Humeral head, which is especially important for GDV/Bloat situations, since the tibia landmark is ineffective for GDV.

5.ADDITIONAL INJURIES AND FEATURES:

K9 Diesel has additional emergencies that can be simulated in skills labs and scenarios including:

a. GDV stomach decompression
b. Intestinal Evisceration
c. CPR compressions
d. Barking and respiratory distress sounds

Dollars Matched by K9 MEDIC®:
The investment of our supporters is not just the K9 Diesel, but ultimately the training that goes with it.

K9 MEDIC®, the recipient of K9 Diesel, has agreed to match the dollar value of K9 Diesel by delivering training programs commensurate with the financial value of K9 Diesel. Essentially, every dollar we spend, goes twice as far, ensuring students have access to more than an incredible mannikin, but also the expert training that goes with it.

An Irondog K9 International supporter, June Barrymore Ash from La Jolla, California, as a part of her will, donated us ~$50,000 to be used in our programs. We continued to raise additional funds to make the entire $65,000.00 purchase a reality.

The ever-changing economy has not only impacted the budgets of our individual donors but has also greatly affected the budgets of our law enforcement K9 teams, causing an increased need for our help. Irondog K9 International has had to ramp up our efforts to reach out to corporate donors and apply for grants to bring in donation dollars to continue our efforts to equip, protect, and train law enforcement K9 teams.

We are proud to enable our law enforcement the same training opportunities as our US Military Special Forces with this dynamic educational tool that just may make the difference between life and death of K9 injured in the line of duty. We would not have been able to do this without our supporters!

We will never stop looking for another way to meet the needs of our K9 heroes.

THANK YOU,
TEAM IRONDOG K9 INTERNATIONAL