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Pegasus Thruster Marketing Inc.  
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My name is Kurt Clifton, and I am the CEO of Clifton Diving Ventures in Sycamore, IL. which was established in 1983, and is currently a NAUI Platinum Pro Instructor Training Facility. I have been teaching scuba diving since 1980, and am currently a NAUI Course Director, IAHD Pro Instructor Trainer, and PADI Instructor Development Course Staff Instructor, and Dive Rescue Public Safety Scuba Instructor. I have been employed as a Kane County Sheriff's Department Deputy since 1984, and I am currently the Commander of the Dive Rescue Team for DeKalb, and Kane County Sheriff's Department. I have been teaching Public Safety diving for over 25 years, and have traveled all over the United States and Canada for my Department as an Instructor in Underwater Crime Scene Investigations. I have also been working with persons with disabilities since 1994 and for the past six years with a group from Ft. Campbell KY known as the Eagle Divers.

I have been using underwater propulsion devices since Tekna diving came out with the first recreational device in the early 80's. I have used several different devices all of which has had problems with protecting the diver, as these devices were all designed for the diver to hold on to handles and pull on a trigger mechanism. After prolong use of these devices the divers would be fatigued through-out their arms, and hands from the strain of holding onto the device as they were propelled through the water, and of course there would be the inevitable occasional finger, or equipment which would get caught up in the propeller which was located just underneath the divers body, as they rode on top of the device.

I have been involved with working with a group in Key Largo, FL for several years, and we have had the opportunity to use the Pegasus Thruster during all of the training classes I have been involved with in the Keys, and cannot believe the ease of use, and the safety of the Pegasus Thruster. By attaching the Pegasus Thruster to the scuba tank they have eliminated the fatigue factor completely, as well as equipment dangling into the propeller. The diver does not have to hold on to anything, other than the magnetic activation button. Also with the addition of the handle on the unit it makes it easy for a safety diver with the person with a disability able to help control the diver's movement, which with all the other devices was not possible. But what I believe to be the best advantage, and safety feature of the Pegasus Thruster, is the fact that the batteries can be changed underwater, without the diver having to

Get out, dry off, and then change the battery. On all the other devices when the battery ran out you would have to drag the unit back with you as there was no way to exchange the battery. This was a big safety disadvantage with the other devices, as now the diver would have to hold on to the unit, and still try to keep their buoyancy while bringing the unit to the boat, or shore exit. The other big safety feature is that the Pegasus Thruster weights less than six (6) pounds, which if you know any of the other devices which could be as much as 45 pounds makes it easier for a diver to control themselves underwater, and make a safe and effortless dive.

The Pegasus Thruster is going to make a great difference in the safety of any public safety diver, as now teams will be able to use a device which can be easily transported, and exchanged from diver to diver, thus enabling the team to quickly search an area with little to no effort on the part of the members, and thus reducing the fatigue factor in a possible DCS attack, or injury. Teams will be able to search more area in a shorter time frame, and be able to find and rescue/recover what they were looking for in a shorter period of time.

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