



AMXDmax Training and Evaluation Procedure

This Document is a Quick Start Reference to be used as an outline for recommended minimum training practices on how to learn the proper use and operation of the AMXDmax system. Please keep in mind this is Life support equipment and does have a familiarization and training period required to insure each pilot understands how the system fits, operates and performs for them as an individual.

1. Watch the **User Manual Video** to understand the basics of the system use.
2. Visit our **Website** and review **AMXDmax** presentation at:
<http://www.omnimedicals.com/uploads/AMXDmaxPresentation.pdf>
3. Read through the **User Manual** to understand the details of each component.
4. Remove the components from their packing. Understand that the only components that you fly with are the **Boxer Briefs/Female Briefs, Cup/Pad** and **Hose** (worn under your flight ensemble) and the **Collection Chamber** (Bag) with attached **Control Unit** and **Battery**. All other components remain behind.
5. For long duration missions, an extra **Collection Chamber** and **Battery** easily fit into a G-suit pocket.
6. Get familiar with each component and how they connect with each other, such as attaching the **Battery** on the **Control Unit** or **Charger**, sliding the **Control Unit** onto the **Collection Chamber Mounting Clip** and how the **Cup/Pad Hose Connector** connects to the **Collection Chamber**.

***Note: Hose Connector** can remain connected to the **Collection Chamber** when the **Control Unit** is removed and/or the **Control Unit** can remain on the **Collection Chamber** when the **Hose** is removed, allowing for easy storage of system.*

7. Fully charge each **Battery** by connecting each in turn to the **Charger** and allowing each to charge. **Batteries** should be left in a **fully charged state when stored**.

For reliable **Battery** performance, the **Batteries** need to be **fully recharged at least once every 12 months**. (recharged after last use).

8. Practice connecting **Battery** to the **Control Unit** with and without flight gloves.
9. Practice connecting **Control Unit** to the **Collection Bag** with and without flight gloves.



10. Practice connecting **Hose Connector** to **Collection Bag/Control Unit** with and without flight gloves. Pinch **Connector** from both sides and grasp **Hose** with other fingers and pull to slide connector away.
11. Test the operating performance of the system with salt water to understand how it will work in use.
 - a. Add approximately 10 grams (tea spoon) of salt to 400 ml (12 fl oz) of water. (Simulating Urine for the **Cup/Pad Urine Sensor**).
 - b. Connect system components together with a charged **Battery** and check that **Collection Chamber** twist valve is closed (twist clockwise).
 - c. The green **Battery Status Light** will flash slowly when all components are connected and indicating it is ready to use.
 - d. Slowly pour salt water into **Cup/Pad**.
 - e. The system will activate automatically, pumping the salt water from the **Cup/Pad** to the **Collection Chamber**.
 - f. Empty the **Collection Chamber** when finished and make sure to close the twist valve.
12. Make sure that the supplied **Male Boxer Briefs** or **Female Briefs** fit properly. The **Briefs** should fit snugly and comfortably, they are designed to hold the Cup/Pad securely in place.
13. Men should practice inserting the Cup in the front Velcro pocket of the **Boxer Briefs** aligning the **Foam Ring** with the hole in the **Briefs**. The **Cup** can be placed in the **Briefs** before donning flight gear or after, allowing the pilot to put **Cup** into place just prior to going to the flight line without undressing.
14. Females should practice inserting the **Pad** into the **Briefs** aligning the **Pad Location** with reference to **Hips or Pelvic** as determined during ejection seat **Pad Location Training** (as demonstrated in user manual and training video). The **Pad** can be placed in the **Briefs** before donning flight gear or after, allowing the pilot to put **Pad** into place just prior to going to the flight line without undressing.
15. Practice using the system – This is a critical part of the AMXDmax training, to understand it, practice using it and to be completely comfortable with the system before ever trying it in an aircraft as you would with other Life Support Equipment.
 - a. Men don the **Boxer Briefs**, put the **Cup** in place with male anatomy inserted through the hole in the Briefs and through **Foam Ring**, and into the **Cup**. Connect the **Control Unit** to the **Collection Chamber** and then connect the **Hose Connector** to the **Collection Chamber** and that the green **Battery Status Light** is flashing (confirming system ready).



- b. For men, the first use sometimes works best while standing in front of a urinal. Once comfortable standing, repeat using the system while sitting on a chair making sure **Cup** is not being pushed up by chair.
 - c. For females first use often works best sitting on a toilet seat with seat top cover down. (The **Pad** needs support under it to push it into contact with female body and seal).
 - d. The **Control Unit** will come on and pump urine out of **Cup/Pad** to **Collection Chamber**, when Urine is detected in the **Cup/Pad** by the integrated **Urine Sensor**.
 - e. Add flight suit and use system in Ejection seat or Egress trainer if available and repeat actually using the system a couple of times until comfortable with its performance and with the positioning of the **Cup/Pad** (pilot should check cup position each time before using) which for the males should be with male anatomy in the **Cup**, with the **Cup** against body and down between the legs.
 - f. Females should follow the directions in Manual and Video instructions on how to properly position **Pad** (locate it in reference to their anatomy, hips - pelvic) for best performance at in the ejection seat angle for their aircraft. The **Pad** needs to be placed with its **Gold Urine Sensor** positioned at the lowest point in the Ejection Seat (this will vary depending on the Seat angle).
 - g. Once comfortable with the performance of the system and the positioning of the **Cup/Pad** add other flight gear (G-suit, cold weather gear. Etc) and repeat using the system on the ground in ejection seat or egress trainer with harness connected (simulated flight conditions) until comfortable with its operation.
16. Once completely comfortable with the operation and performance of the **AMXDmax** system should you proceed to conduct flight trails. Remember to check **Battery Status** before use.
17. Because every pilot's body size and shape and gear is slightly different it is critical to address position, fit, comfort and proper operational protocols when training on the ground before flying with the **AMXDmax**.

If you have any question please forward them to me at:

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Visit our website for additional documentation and presentation materials.

www.OmniAMXD.com

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