



**Aircrew Bladder Relief using the piddle pack is an unnecessary RISK to both Legacy and F-35 programs.**



F-35 Integrated Aircrew Ensemble with Simplified Combined Harness.

Legacy and F-35 male pilots cannot use the piddle pack and female pilots cannot use the Lady J or Go-Girl adapters (to perform in flight bladder relief) without completely unbuckling from harness in flight and undressing in the cramped cockpit rendering ejection seat ineffective. These currently issued solutions significantly reduces Situational Awareness and increases Spatial Disorientation, rendering the pilot unable to perform flight tasks while dealing with this most basic human need. This results in Tactical Dehydration and then "Holding It" (over distention) which has been clinically documented to be equivalent to flying while legally intoxicated. See attached: Pilot Tactical Dehydration - An Operational Risk Comparable to Intoxication.

**Aircrew Bladder Relief using the AMXDmax® is Certified and Authorized for Legacy aircraft and now completing certification for the F-35 program.**

AMXDmax system, automated bladder relief no RISK  
System, shown with TSC Quick Disconnect (ESC-35-2 Option)



Quick Disconnect feature

The AMXDmax TSC (Through Suit Connector) provides an aircrew wearable solution, which allows the Pilot perform in-flight Bladder Relief without unbuckling from the ejection seat harness or undressing or moving about in cockpit. The TSC has a one way check valve providing Anti-Exposure (immersion suit) and Chem Bio suit protection even when disconnected. The system is completely automatic, ready for use at any time and has an emergency egress Quick Disconnect Hose feature eliminating all RISK Factors and allowing pilots to remain properly hydrated at all times for any length of flight without having to Tactically Dehydrate or Hold It.

AMXDmax TSC Demo Video: [http://www.omnimedicalsys.com/videos/tsc/TSC\\_Suit\\_Small.mp4](http://www.omnimedicalsys.com/videos/tsc/TSC_Suit_Small.mp4)