Aircrew Bladder Relief using the piddle pack is an unnecessary RISK to the F-35 program that it cannot afford.

F-35 Integrated Aircrew Ensemble with Simplified Combined Harness.

A pilot cannot use the piddle pack (to perform in flight bladder relief) without completely unbuckling from harness in flight and undressing in the cramped cockpit rendering ejection seat in effective. Piddle pack use 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 – the AMXDmax - a Certified and Authorized Solution the F-35 program can afford.

Safe To Fly AMXDmax system, automated bladder relief System, shown with Quick Disconnect

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 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 "Hold It".

AMXDmax TSC Demo Video: http://www.omnimedicalsys.com/videos/tsc/TSC_Suit_Small.mp4