

# Commodity Description

Item	978Mhz ADS-B Transceiver with Internal GPS
<b>Description</b>	<p><b>A. GENERAL</b></p> <ol style="list-style-type: none"> <li>1. Diversity capable and fully certified for ADS-B Out and compliant with ADS-B in</li> <li>2. Include the Internal GPS</li> <li>3. Fully certified to TSO C-157a, TSO C-195a, TSO C-154c for ADS-B traffic processing</li> <li>4. Compatible tablet devices with optional WiFi module</li> <li>5. Compatible with popular apps including ForeFlight, Wing X Pro, iFly GPS</li> </ol> <p><b>B. COMPONENTS</b></p> <ol style="list-style-type: none"> <li>1. ADS-B Transceiver Set : 4 set               <ul style="list-style-type: none"> <li>- ADS-B Transceiver with GPS</li> <li>- ADS-B Control Head</li> <li>- ADS-B Ball and Stick Antennas</li> <li>- WAAS/GPS Antenna</li> <li>- Serial to WiFi Convertor</li> </ul> </li> </ol> <p><b>C. SPECIFICATIONS</b></p> <ol style="list-style-type: none"> <li>1. Link Frequency Range : 978 MHz</li> <li>2. Capability : ADS-B In/Out Transceiver</li> <li>3. Display Options : iPad, MFD (FIS-B, Traffic), TIS-ARINC 429</li> <li>4. Certification : TSO C-157a(FIS-B), TSO C-195a(TIS-B/Traffic), TSO C-154c (UAT), TSO C-145c (GNSS)</li> <li>5. Software Assurance : DO-160G, DO-178B Level C, DO-254 Level C</li> <li>6. Transponder Interface : Mode A/C, Mode S</li> <li>7. Interface : ARINC 429 In/Out, RS232/422, RS-485, Discrete In/Out</li> <li>8. Weight : less than 2.0 lbs</li> <li>9. Input Voltage 10-40 VDC</li> </ol> <p><b>D. WARRANTY : 1 years warranty</b></p>