
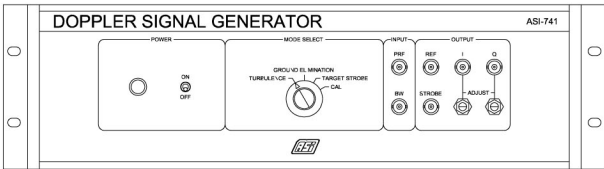

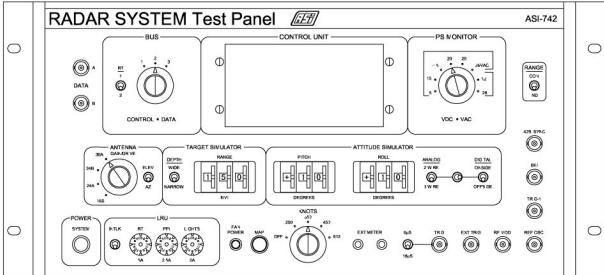


<h2 style="margin: 0;">Doppler Signal Generator</h2>	 <small>Test with full trust</small> www.avionteq.com	ASI-741												
<p>OEM Equivalent: OEM: Bendix Model Number: RMT-4A Part Number: 8055325-0401 Manual: I.B. 1104HT / 34-41-62 Manual Figure: 1</p> <p><small>This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.</small></p>														
<p>Description: The ASI-741 Doppler Signal Generator works in conjunction with the ASI-742 (RCT-4A) and an IFR RDX-3000B / RDX-7708B to test the Bendix RTA-4A Receiver-Transmitter. It provides quadrature modulation signals for turbulence detection testing.</p> <p>The ASI-741 is designed as a test instrument for ARINC 708 (RTA-4A) series weather radar systems by providing a means of testing the turbulence detection capabilities of the radar transceiver. The ASI-741 works in conjunction with the ASI-742 (RCT-4A) and a radar test set (RDX-3000B or RDX-7708B) to generate simulated weather turbulence and ground returns, which enable a reading and interpretation of the resultant data on the radar test set.</p>	<p>Units Tested: ARINC-708 Series Weather Radar Systems RDR-4A Weather Radar System (RCT-4A)</p>													
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<p>OEM Equivalent: OEM: Bendix Model Number: RCT-4A Part Number: 2041589-0401 Manual: I.B. 1104AT / 34-41-55 Manual Figure: 1</p> <p><small>This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.</small></p>																																																																				
<p>Description: The ASI-742 Radar System Test Panel is used in conjunction with a CON-4A/4B Controller, PPI-4B Indicator, RTA-4A R/T, and DAA-4A/4B Antenna Drive Unit to test the RDR-4A Radar System.</p> <p>The ASI-742 provides a central station for interconnection of the system. The Test Panel generates target range, pulse width and digital or analog attitude signals, and ground speed signals which are transmitted to the R/T. The signals generated by the ASI-742 simulate signals from the antenna and the aircraft. Provision has been made for mounting the CON-4A/4B directly in the front panel.</p> <p>Testing of the DAA-4B Antenna Drive Unit requires the optional ASI-72-2K adapter cable.</p> <p>The ASI-741 (RMT-4A) can be used with the ASI-742 to test the turbulence detection functions of the RTA-4A R/T. The ASI-799 (AXT-4A) can be used in conjunction with the ASI-742 to simulate the aircraft CFDS Computer and MCDU Display.</p>	<p>Units Tested: RDR-4A Weather Radar System CON-4A / CON-4B DAA-4A / DAA-4B PPI-4B RTA-4A</p>																																																																			
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