

Tailwind 300/500/550 Test Equipment			ASI																														
SSP Breakout Box		ASI-812-1																															
<div>OEM Equivalent:</div> <div>OEM: Rockwell Collins</div> <div>Model Number:</div> <div>Part Number:</div> <div>Manual:</div> <div>Manual Figure:</div> <div>This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.</div>		<div>Units Tested:</div> <div>Tailwind 500/550: ACU, SSP, GEM, FMU</div> <div>Specifications:</div> <div>Height: 10.00" Width: 8.00" Depth: 2.00"</div> <div>Power Requirements: From UUT</div>																															
<div>Description:</div> <div>The ASI-812-1 SSP Breakout Box (BOB) is actually two breakout boxes in one. The first section is used to help verify or troubleshoot the System Signal Processor (SSP) and the Antenna Control Unit (ACU) of a Rockwell Collins Tailwind TV aircraft installation. The second section is used to help verify or troubleshoot the Gimbal Electronics Module (GEM) or the Fuselage Mounted Unit (FMU). The ASI-812-1 BOB provides breakout capability of the aircraft LRU interface signals to facilitate checking, testing, and injecting signals. The Aircraft harness is disconnected from the LRU and reconnected to the BOB connector extension cable. A second extension cable connects the BOB to the LRU.</div> <div>Additional cables that may be required during testing are listed in the optional equipment section below.</div>																																	
<div>Equipment Supplied:</div> <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-81-21A</td><td></td><td>Cable 1, ASI-812-1 BOB J7 to Aircraft</td></tr><tr><td>ASI-81-21B</td><td></td><td>Cable 2, ASI-812-1 BOB J6 to LRU</td></tr><tr><td>ASI-81-21C</td><td></td><td>Cable 3, ASI-812-1 BOB J9 to LRU</td></tr><tr><td>ASI-81-21D</td><td></td><td>Cable 4, ASI-812-1 BOB J8 to Aircraft</td></tr></table>		ASI MN	OEM PN	Description	ASI-81-21A		Cable 1, ASI-812-1 BOB J7 to Aircraft	ASI-81-21B		Cable 2, ASI-812-1 BOB J6 to LRU	ASI-81-21C		Cable 3, ASI-812-1 BOB J9 to LRU	ASI-81-21D		Cable 4, ASI-812-1 BOB J8 to Aircraft	<div>Optional Equipment:</div> <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-812-2</td><td></td><td>Cable Kit (Includes 3 cables listed below):</td></tr><tr><td>ASI-81-22A</td><td></td><td>Cable, RS-422 Input</td></tr><tr><td>ASI-81-22B</td><td></td><td>Cable, RS-485 Input</td></tr><tr><td>ASI-81-22C</td><td></td><td>Cable, ARINC 429 Input</td></tr></table>		ASI MN	OEM PN	Description	ASI-812-2		Cable Kit (Includes 3 cables listed below):	ASI-81-22A		Cable, RS-422 Input	ASI-81-22B		Cable, RS-485 Input	ASI-81-22C		Cable, ARINC 429 Input
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RDU Breakout Box		ASI-931101-100-1																															
<div>OEM Equivalent:</div> <div>OEM: Rockwell Collins</div> <div>Model Number:</div> <div>Part Number: 931101-100-1</div> <div>Manual:</div> <div>Manual Figure:</div> <div>This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.</div>		<div>Units Tested:</div> <div>Tailwind 300, 500/550: RDU</div> <div>Specifications:</div> <div>Height: 13.00" Width: 21.00" Depth: 7.00"</div> <div>Power Requirements: From UUT</div>																															
<div>Description:</div> <div>The ASI-931101-100-1 Breakout Box (BOB) is used to verify and troubleshoot the Receiver Decoder Unit (RDU) of a Rockwell Collins Tailwind TV aircraft installation. The breakout box is supplied in a suitcase with two RDU interconnect cables. The BOB provides breakout capability of the aircraft RDU interface signals to facilitate checking, testing, and injecting signals. The RDU is removed from the aircraft RDU tray, then a cable (ASI-930412-100-1) is connected from the RDU tray to the BOB. Another cable (ASI-931412-101-1) connects the BOB to the removed RDU.</div> <div>Additional cables that may be required during testing are listed in the optional equipment section below.</div>																																	
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ASTV Alignment Fixture		ASI-930005-101																															
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<div>Description:</div> <div>The ASI-930005-101 Alignment Fixture is used during installation and verification of the Rockwell Collins Tailwind 300 Tail Mounted Unit (TMU). The Alignment Fixture includes two inclinometers (PRO-3600 or equivalent Digital Protractors) attached to the alignment plate.</div>																																	
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