

HF System Interconnect Test Set			ASI-338-1																															
OEM Equivalent: Rockwell Collins MN: CTS-200 PN: 622-4281-001 Manual: 523-0769551 Manual Figure: 1-1	UUT: HF-200/-220/-230 HF System AAC-2X0/TCR-2X0/PWR-2X0/CTL-2X0	Equipment Supplied:																																
	Size: H: 4.25" W: 13.25" D: 7.75" Pwr: 28 VDC	<table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-33-81A</td><td>638-2405-001</td><td>ALC Monitor</td></tr><tr><td>ASI-33-81B</td><td>638-2406-001</td><td>Sniffer</td></tr><tr><td>ASI-33-81C</td><td>638-2362-001</td><td>RF/TCR RF Cable</td></tr><tr><td>ASI-33-81D</td><td>638-2388-001</td><td>RF/PWR RF Cable</td></tr></table>	ASI MN	OEM PN	Description	ASI-33-81A	638-2405-001	ALC Monitor	ASI-33-81B	638-2406-001	Sniffer	ASI-33-81C	638-2362-001	RF/TCR RF Cable	ASI-33-81D	638-2388-001	RF/PWR RF Cable																	
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Description: The ASI-338-1 Test Set provides a means to troubleshoot the HF-200/-220/-230 system down to the box level or for providing a hot mockup for pre-installation testing. The ASI-338-1 includes an attached pendant cable for the CTL-200 HF Control. Use of the CTL-201/201A/220 or CTL-230 requires optional adapter cables.		Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-33-81E</td><td>634-9480-001</td><td>ASI-338-1 to CTL-201/201A/220 Adapter Cable</td></tr><tr><td>ASI-33-81F</td><td>TP6-3955-013-1</td><td>ASI-338-1 to CTL-230 Adapter Cable</td></tr><tr><td>ASI-33-83H</td><td>628-8518-001</td><td>ASI-338-1/-3 to PAC-200/230 Adapter Cable</td></tr><tr><td>ASI-33-83J</td><td>628-8519-001</td><td>PAC-200/230 Antenna Simulator (Dummy Load)</td></tr></table>	ASI MN	OEM PN	Description	ASI-33-81E	634-9480-001	ASI-338-1 to CTL-201/201A/220 Adapter Cable	ASI-33-81F	TP6-3955-013-1	ASI-338-1 to CTL-230 Adapter Cable	ASI-33-83H	628-8518-001	ASI-338-1/-3 to PAC-200/230 Adapter Cable	ASI-33-83J	628-8519-001	PAC-200/230 Antenna Simulator (Dummy Load)																	
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HF Antenna Simulator			ASI-338-2																															
OEM Equivalent: Rockwell Collins MN: CTS-201 PN: 622-4282-001 Manual: 523-0769551 Manual Figure: 1-1	UUT: HF-200/-220/-230 HF System AAC-200/200P/220/220P	Equipment Supplied:																																
	Size: H: 7.12" W: 9.37" D: 13.25" Pwr: N/A	<table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr></table>	ASI MN	OEM PN	Description																													
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Description: The ASI-338-2 simulates a 16 Foot (4.88 m) grounded wire or a shunt fed antenna.		Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr></table>	ASI MN	OEM PN	Description																													
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HF Transceiver-PA Test Panel			ASI-338-3																															
OEM Equivalent: Rockwell Collins MN: CTS-202 PN: 622-4283-001 Manual: 523-0769551 Manual Figure: 1-1	UUT: AAC-200/200P/220/220P, PAC-200/230 PWR-200/230, TCR-200/220/230	Equipment Supplied:																																
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ASI-33-81D	638-2388-001	RF/PWR RF Cable (W1)																																
Description: The ASI-338-3 Transceiver PA Test Panel will test the various components of the HF-200/220/230 HF System. The Test Panel provides interconnection, discretes, internal power, lamp operation, and simulated PWR-200/230 ALC feedback voltage. The ASI-338-3 provides a more comprehensive test of the entire HF-System than the ASI-338-1 (CTS-200) is capable of providing. The 338-3 will test the TCR-200 individually. Testing the TCR-220/230 requires a CTS-204 (ASI-338-5) and a known good CTL-220/230. Testing the PWR-200/230 requires a known good TCR-200/220/230 and an AAC-200/200P/220/220P or PAC-200/230. Accessory cables and test fixtures that may also be required for testing the HF-200/220/230 System are listed in the Optional Equipment section to the right.		Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-Y-1</td><td>634-9848-001</td><td>ASI-338-3 to CTL-220/230 / TCR-220/230 Y Adapter</td></tr><tr><td>ASI-Y-2</td><td>653-2159-001</td><td>CTL-230 Adapter Cable (ASI-Y-1 to CTL-230)</td></tr><tr><td>ASI-33-83G</td><td>628-8442-001</td><td>AAC Cable (AAC with Circular Connector Only)</td></tr><tr><td>ASI-33-83H</td><td>628-8518-001</td><td>ASI-338-1/-3 to PAC-200/230 Adapter Cable</td></tr><tr><td>ASI-33-83J</td><td>628-8519-001</td><td>PAC-200/230 Antenna Simulator (Dummy Load)</td></tr><tr><td>ASI-33-83K</td><td>622-8522-001</td><td>PAC-200/230 Test Cradle</td></tr><tr><td>ASI-33-83L</td><td>TP6-1146-011</td><td>ATM-200 Breakout Cable</td></tr><tr><td>ASI-338-7</td><td>628-8554-001</td><td>DSA-220 Test Set</td></tr><tr><td>ASI-338-8</td><td>628-8557-001</td><td>LWA-200 Test Set</td></tr></table>	ASI MN	OEM PN	Description	ASI-Y-1	634-9848-001	ASI-338-3 to CTL-220/230 / TCR-220/230 Y Adapter	ASI-Y-2	653-2159-001	CTL-230 Adapter Cable (ASI-Y-1 to CTL-230)	ASI-33-83G	628-8442-001	AAC Cable (AAC with Circular Connector Only)	ASI-33-83H	628-8518-001	ASI-338-1/-3 to PAC-200/230 Adapter Cable	ASI-33-83J	628-8519-001	PAC-200/230 Antenna Simulator (Dummy Load)	ASI-33-83K	622-8522-001	PAC-200/230 Test Cradle	ASI-33-83L	TP6-1146-011	ATM-200 Breakout Cable	ASI-338-7	628-8554-001	DSA-220 Test Set	ASI-338-8	628-8557-001	LWA-200 Test Set		
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ASI-338-8	628-8557-001	LWA-200 Test Set																																
HF Coupler Logic Test Panel			ASI-338-4																															
OEM Equivalent: Rockwell Collins MN: CTS-203 PN: 622-4285-001 Manual: 523-0769551 Manual Figure: 1-1	UUT: AAC-200/-200P/-220/-220P PAC-200/-230	Equipment Supplied:																																
	Size: H: 7.00" W: 19.00" D: 6.00" Pwr: 28 VDC	<table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-33-84A</td><td>638-2448-001</td><td>CTS-203 to Coupler Logic Card</td></tr></table>	ASI MN	OEM PN	Description	ASI-33-84A	638-2448-001	CTS-203 to Coupler Logic Card																										
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Description: The ASI-338-4 HF Coupler Logic Test Panel provides signals, discretes, power, and output monitoring required to test the AAC/PAC antenna coupler circuit cards.		Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-33-84B</td><td>628-8526-001(1)</td><td>PAC 200/230 In Circuit Test Cable</td></tr><tr><td>ASI-33-84C</td><td>628-8526-001(2)</td><td>PAC-200/230 Out of Circuit Test Cable</td></tr></table>	ASI MN	OEM PN	Description	ASI-33-84B	628-8526-001(1)	PAC 200/230 In Circuit Test Cable	ASI-33-84C	628-8526-001(2)	PAC-200/230 Out of Circuit Test Cable																							
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ASI-33-84C	628-8526-001(2)	PAC-200/230 Out of Circuit Test Cable																																
HF Control Test Panel			ASI-338-5																															
OEM Equivalent: Rockwell Collins MN: CTS-204 PN: 622-5403-001 Manual: 523-0769551 Manual Figure: 1-1	UUT: CTL-200/-201/-201A/-220	Equipment Supplied:																																
	Size: H: 5.25" W: 19.00" D: 6.00" Pwr: 28 VDC	<table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-33-85A</td><td>634-9995-001</td><td>ASI-338-5 to CTL-201/201A/220 (W1)</td></tr><tr><td>ASI-33-85B</td><td>634-9996-001</td><td>ASI-338-5 to CTL-200 (W2)</td></tr><tr><td>ASI-33-85C</td><td>634-9994-001</td><td>ASI-338-5 to CTS-202 (W3)</td></tr></table>	ASI MN	OEM PN	Description	ASI-33-85A	634-9995-001	ASI-338-5 to CTL-201/201A/220 (W1)	ASI-33-85B	634-9996-001	ASI-338-5 to CTL-200 (W2)	ASI-33-85C	634-9994-001	ASI-338-5 to CTS-202 (W3)																				
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ASI-33-85B	634-9996-001	ASI-338-5 to CTL-200 (W2)																																
ASI-33-85C	634-9994-001	ASI-338-5 to CTS-202 (W3)																																
Description: The ASI-338-5 HF Control Test Set provides signals, discretes, power, and output monitoring required to test the HF-200/220 Controls (CTL-200, CTL-201, CTL-201A, and CTL-220).		Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-33-85D</td><td>TP6-2800-013</td><td>Selcal Wiring Check Adapter for CTL-220</td></tr><tr><td>ASI-200-6</td><td>NPN</td><td>ASI-2000 Plug In Test Adapter for CTL-230</td></tr></table>	ASI MN	OEM PN	Description	ASI-33-85D	TP6-2800-013	Selcal Wiring Check Adapter for CTL-220	ASI-200-6	NPN	ASI-2000 Plug In Test Adapter for CTL-230																							
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HF PROM Frequency Programmer			ASI-338-6																															
OEM Equivalent: Rockwell Collins MN: PFP-200 PN: 622-3839-001 Manual: 523-0769551 Manual Figure: 1-1	UUT: HF-200/-220 HF System TCR-200/220	Equipment Supplied:																																
	Size: H: 5.0" W: 9.37" D: 11.75" Pwr: 115 VAC 50-60 Hz	<table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr></table>	ASI MN	OEM PN	Description																													
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Description: The ASI-338-6 programs and reads the TCR-200/220 A1 Frequency Program Cards.		Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr></table>	ASI MN	OEM PN	Description																													
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