

# GENERAL ELECTRIC

2 7 7 A 3 7 5 7

REV NO.	TITLE		CONT ON SHEET		SH NO.	
2 7 7 A 3 7 5 7	Test Specifications WASHOUT AND OUTPUT		2		1	
CONT ON SHEET		SH NO.		FIRST MADE FOR		
2		1		44B331739G01, 44C331859		
<p>STANDING INSTRUCTIONS FOR 44B331739-G01 and 44C331859 WASHOUT AND OUTPUT PRINTED CIRCUIT BOARD</p> <p>Distribution Copies:</p> <p>1 QC Eng 1 QC Test 1 Engineering</p>						REVISIONS
MADE BY						APPROVALS
RK Gerlitz 781011						10-12-78
ISSUED						10-17-78
DRIVE SYSTEMS						DIV OR DEPT.
Salem, VA. U.S.A.						LOCATION
2 7 7 A 3 7 5 7						CONT ON SHEET
2						SH NO.
						1
PRINTS TO						

1) Typ. error 841002  
S. Sink

3EL1  
~~4A34~~  
1RA2  
4EK1

# GENERAL ELECTRIC


2 7 7 A 3 7 5 7

<b>REV NO.</b> <div style="text-align: center; margin-top: 10px;">2 7 7 A 3 7 5 7</div> <b>CONT ON SHEET</b> 3 <b>SH NO.</b> 2	<b>TITLE</b> Test Specifications WASHOUT AND OUTPUT FIRST MADE FOR 44B331739G01, 44C331859
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<b>WASHOUT AND OUTPUT (POWER SYSTEM STABILIZER)</b> 44B331739-G01	<b>REVISIONS</b>																										
<p><b>I. Equipment</b></p> <ul style="list-style-type: none"> <li>A. Printed Circuit Board Test Stand 44C931365</li> <li>B. Adaptor - Amp Mod. II 30 Pin</li> <li>C. Cable - Power Supply</li> <li>D. Patchboard PB3</li> </ul> <p style="margin-left: 100px;">             Drawings: 44B331739 Assembly                            44C306565 Elementary                            44C931365 Test Fixture           </p> <p><b>II. Connections</b></p> <ul style="list-style-type: none"> <li>A. Connect the amp Mod II adaptor cable to PL-1 on the UT.</li> <li>B. Connect the power supply cable to PL3 on the UT and to power supply per lead markings.</li> <li>C. Connect a digital DC voltmeter to BJ-1.</li> </ul> <p><b>III. Resistance check</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Point</th> <th style="text-align: left;">to</th> <th style="text-align: left;">Pin</th> <th style="text-align: left;"><math>\Omega</math></th> </tr> <tr> <td>IN 1</td> <td></td> <td>19</td> <td>0</td> </tr> <tr> <td>IN 2</td> <td></td> <td>17</td> <td>0</td> </tr> <tr> <td>OUT 1</td> <td></td> <td>11</td> <td>0</td> </tr> </table> <p><b>IV. Set-up</b> <u>PLACE TAPE ON BOARD WHERE PINS 21-30 CAN CONTACT FOILS</u>          * Remove pins 21-30 from test receptical. Unused pins contact runs and C14D.</p> <ul style="list-style-type: none"> <li>A. Turn all switches off or Normal on the UT</li> <li>B. Turn all power supplies to zero</li> <li>C. On PC Board connect jumpers as follows:</li> </ul> <table style="width: 100%; margin-left: 100px;"> <tr> <td>C 1S</td> <td>2-3 (out)</td> </tr> <tr> <td>C 2S</td> <td>1-2</td> </tr> <tr> <td>C 3S</td> <td>1-2 (1-50)</td> </tr> <tr> <td>C 4S</td> <td>1-2 (1-50)</td> </tr> <tr> <td>C 5S</td> <td>2-3 (Grd.)</td> </tr> </table>	Point	to	Pin	$\Omega$	IN 1		19	0	IN 2		17	0	OUT 1		11	0	C 1S	2-3 (out)	C 2S	1-2	C 3S	1-2 (1-50)	C 4S	1-2 (1-50)	C 5S	2-3 (Grd.)	<div style="writing-mode: vertical-rl; transform: rotate(180deg);">             1) BU941MR DCJ 821214           </div> <div style="margin-top: 20px;">             3EL1  <del>4EJ2</del>              1RA2              4EK1           </div>
Point	to	Pin	$\Omega$																								
IN 1		19	0																								
IN 2		17	0																								
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C 3S	1-2 (1-50)																										
C 4S	1-2 (1-50)																										
C 5S	2-3 (Grd.)																										
<b>PRINTS TO</b>																											

<b>MADE BY</b> RK Gerlitz 781011 <b>ISSUED</b> 10-17-78	<b>APPROVALS</b> <div style="text-align: center;">           10-12-78       </div>	<b>DRIVE SYSTEMS</b> Salem, VA. U.S.A.	<b>DIV OR DEPT.</b> LOCATION 2 7 7 A 3 7 5 7 <b>CONT ON SHEET</b> 3 <b>SH NO.</b>
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FF-803 WF (11-77)  
PRINTED IN U.S.A.

2 7 7 A 3 7 5 7

FF-803 WF (11-77)  
PRINTED IN U.S.A.

CODE IDENT NO.

# GENERAL ELECTRIC

2 7 7 A 3 7 5 7

CONT ON SHEET Fl. SH NO. 5

REV NO.

2 7 7 A 3 7 5 7

CONT ON SHEET Fl. SH NO. 5

TITLE Test Specifications

WASHOUT AND OUTPUT

FIRST MADE FOR 44B331739G01, 44C331859

REVISIONS

Note that the column which gives the phase (in degrees) which will be read on the Safco Frequency Analyzer with the phase scale switch to the "-180" position includes the two degrees which must be added when operating at frequencies of 1Hz and below.

**BEFORE PROCEEDING, READ 5 NOTES AT BOTTOM OF PAGE.**

Jumper 2S Position	Set Freq. (Hz)	Gain +2dB (dB)	* PHASE (DEGREES)	RANGE SETTING	ACTUAL	AMPLITUDE % OF FS READING
1-2	0.01	-8	73 ± 5	1	-109 ± 5	30-50
1-2	1.0	-0.3	4 ± 4	2.5	-178 ± 4	30-49
1-2	10.0	-0.2	-6 ± 4	2.5	-186 ± 4	31-50
2-3	0.01	-25.2	92 ± 4	.1	-90 ± 4	44-69
2-3	1.0	-0.4	11 ± 4	2.5	-171 ± 4	30-48
2-3	10.0	-0.2	-5 ± 4	2.5	-185 ± 4	31-50
4-5	0.1	-20.5	86 ± 4	.25	-96 ± 4	30-47
4-5	1.0	-3.4	48 ± 6	1	-134 ± 6	54-85
4-5	10.0	-0.3	0.5 ± 4	2.5	-180 ± 4	30-49

**\* BAFECO WITH PHASE SCALE TO "-180".**

Q. Open "SW-1". OPEN or return to normal all remaining switches on the U.T. Turn all signal sources and all power supplies to Zero.

## NOTES:

PRIOR TO VERIFYING THE ABOVE TABLE, DO THE FOLLOWING:

1. CONNECT BAFECO OUTPUT TO INPUT.
2. SET VOLTS FS SWITCH IN "10" POSITION.
3. SET VOLTS FS RANGE SWITCH TO "1".
4. ADJUST VOLTS FS DIAL FOR 100% FS READING ON METER.
5. KEEP OUTPUT SETTING CONSTANT FOR ALL CONDITIONS IN TABLE.

3) Changes BU941MR DGJ  
821214  
4) Typ. error SES 841002

3EL1

1RA2

4EK1

PRINTS TO

MADE BY Tim Kolb

ISSUED Rlb- 2/1/83

APPROVALS

*Rlb*

DRIVE SYSTEMS DEPT

SALEM, VIRGINIA

DIV OR DEPT.

LOCATION

2 7 7 A 3 7 5 7

CONT ON SHEET Fl. SH NO. 5

CODE IDENT NO.