

1. Approving Civil Aviation.
Authority/Country:
FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

30297711

4. Organization Name and Address:

**THE BOEING COMPANY
737 LOGAN AVE N
RENTON, WASHINGTON 98057**

5. Work Order/Contract/Invoice Number:

BGSM5RPK-30995

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	AVM REMOTE CHARGER CONVERTER	8KE144AAB1 S332W401-1001	1 EACH	2112H	INSPECTED

12. Remarks: Dallas site: conducted a preliminary/visual inspection of product/appliance/component part and data package for acceptability prior to maintenance release/return to service. Inspected for identification and damage per requirements of D6-25470. "This inspection was performed with personnel who were part of a current drug and alcohol testing program as required by 14CFR120." Repair Station BACR668L. Enclosed is a list of documents from The Boeing Company's Approved Supplier, OEM, and/or Certificated Repair Station with a copy of the work order/teardown report describing the work performed in accordance with FAA authorized data, document, drawing, and revision level. (Original Equipment Manufacture) work accomplished by the maintenance organization under Boeing control.

Comment: To the knowledge of the undersigned without inquiry, each part noted above has been maintained in accordance with Repair Station Quality System guidelines while in Boeing's Custody; and was not subjected to extreme stress, sudden stoppage, undue heat, or major failure during Boeing's custody.

"Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: "EASA.145.4272"

Customer Repair/PO No. **R394792** Supplier/Vendor Tracking No. - Lot No. _____ Customers: ESO-EO-EA-ECRA _____

Life Limited parts: Component Part Number: _____ Flight hours: _____ Cycles: _____
Aircraft Number: _____ Component Serial Number: _____

Comments Area: **INSPECTED BY AMETEK AEROSPACE AND DEFENSE IAW CMM 77-31-02 REV. 5. NO SB'S OR AD'S APPLICABLE.**

13a. ☒ The item identified above was manufactured in accordance with:
☐ Approved design data and test for a condition for safe operation.
☐ Non-approved design data specified in Block 12

14a. ☒ 14 CFR 43.9 Return to Service
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. ☒ Other regulation specified in Block 12

13b. Authorized Signature:	13c. Approval/Certificate No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
	BACR668L		BACR668L
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):
		Patrick Watt	29 JUN 2022

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation
Authority/Country:
FAA / UNITED STATES

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

30297711

4. Organization Name and Address:

AMETEK AEROSPACE AND DEFENSE
33 LEWIS ROAD
BINGHAMTON, NEW YORK 13905
US

5. Work Order/Contract/Invoice Number:

AVIAL - A BOEING COMPANY
46647624

FAA Certificate 2AMR683Y

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	AVM REMOTE CHARGE CONVERTER	8KE144AAB1	1	2112H	Inspected

12. Remarks: WORK PERFORMED IN ACCORDANCE WITH APPROVED TECHNICAL DOCUMENTATION

RETURN TO SERVICE

Remarks: This is the certification statement for the products, parts, and articles listed on the attached teardown report for order number 126992
Pertinent details of the repair are on file at this repair station under this order number.

CMM: 77-31-02 Revision: 5

The article identified above was bench tested and inspected in accordance with current Regulation of the Federal Aviation Administration and is approved for return to service. Certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work, the article is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6174

13a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12

14a. ☒ 14 CFR 43.9 Return to Service

☒ Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature: XXXXXXXXXXXXXXXXXXXX	13c. Approval/Authorization No.: XXXXXXXXXXXXXXXXXXXX	14b. Authorized Signature: <i>Patricia A. Noyes</i>	14c. Approval/Certificate No.: 2AMR683Y
13d. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXX	13e. Date (dd/mm/yyyy): XXXXXXXXXXXXXXXXXXXX	14d. Name (Typed or Printed): Patricia A. Noyes	14e. Date (dd/mm/yyyy): 23 JUN 2022

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

BINGHAMTON SERVICE CENTER
33 LEWIS ROAD
BINGHAMTON, NY 13905
US



FAA # 2AMR683Y
EASA# 145.6174

TEARDOWN REPORT

AMETEK Order Number : 126992

Repair Type : BSC PDS Repair

Model	: 8KE144AAB1 : AVM REMOTE CHARGE CONVERTER	Serial Number	: 2112H
Customer Customer P.O.	: AVIALL - A BOEING COMPANY : 46647624		

Initial Receiving	: Troubleshooting due to HP Vibrations scattered values
Evaluation / Comments	: Could not confirm squawk. Unit passes all incoming tests at ambient, hot, and cold with no faults found (NFF). Recommend performing complete ATP and return to customer.
Work Completed	: This unit has passed all tests per CMM 77-31-02 Rev 5 / RQCP 782 Rev. A. Robert J. Coontz 02-JUN-2022

AMETEK		AEROSPACE MUKILTEO, WA
RQCP	782	Rev. A

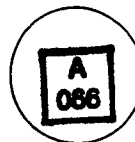
AMETEK Part Number: **8KE144AAB1**

Data Sheet - Page 1 of 1

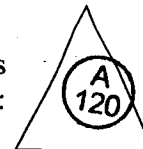
S/N: 2112H

Date: 6-2-22

Technician's
Stamp:



Inspector's
Stamp:



Accept ✓

- 3.1 Perform Final Functional Acceptance Test using the following software:
Core ATE Operating Software: SW9900-051-09-01 version 9.1
ATP Test Script SW7010-046N-01-02

Attach a copy of the completed ATE print-out and stamp off this page.
(The pages of the ATE print-out do not require Technician or QA stamps)

*****AVM - RCC TEST EXECUTION REPORT*****

*
*
* Thu Jun 02 11:39:01.57, 2022 *
*
*
* ATP RUN DESCRIPTION : FINAL ATP
*
* ATE OPERATOR : R. COONTZ PAY NUMBER : 8886
*
* ATE MODEL: AVM-ATE GTI# : 4655 ATE SW.VER# : 9.1
*
* LRU MODEL: RCC LRU SER# : 2112H LRU SW.VER# : N/A
*
* LRU PART# [AMETEK] : 8KE144AAB1 [BOEING] : S332W401-1001
*



ATP SCRIPT VERSION SW7010-046N-01-02

RCCPOW.010

.....AVM-RCC DC POWER REPORT

+15V EXPD=[13.000-17.000] RCVD=14.421, -15V EXPD=[13.000-17.000] RCVD=14.303[V]
+15I EXPD=[2.000-15.000] RCVD= 8.290, -15I EXPD=[2.000-15.000] RCVD= 8.441[mA]

.....AVM-RCC DC POWER REPORT

+15V EXPD=[13.000-17.000] RCVD=14.421, -15V EXPD=[13.000-17.000] RCVD=14.303[V]
+15I EXPD=[2.000-15.000] RCVD= 8.292, -15I EXPD=[2.000-15.000] RCVD= 8.442[mA]

*****TEST PASSED

RCCBITE.010

	0.000	0.000	0.000	0.000
INPUT_AMPLS:	0.000	0.000	0.000	0.000
INPUT_FREQS:	0.0	0.0	0.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

	0.260	0.257	0.260	0.260
OUTPUT	0.260	0.257	0.260	0.260
OUTPUT_EXP :	[0.188.. 0.313]	[0.188.. 0.313]	[0.188.. 0.313]	[0.188.. 0.313]
PASS/FAIL :	p	p	p	p

	2-1	3-2	4-3
CH-CH	-0.003	0.003	-0.000
CH-CH_EXP :	[-0.013.. 0.013]	[-0.013.. 0.013]	[-0.013.. 0.013]
PASS/FAIL :	p	p	p

	3-1	4-1	4-2
CH-CH	0.000	0.000	0.003
CH-CH_EXP :	[-0.013.. 0.013]	[-0.013.. 0.013]	[-0.013.. 0.013]
PASS/FAIL :	p	p	p

FREQUENCIES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 257.9 257.9 257.9 257.9
 OUTPUT_EXP : [225.0.. 275.0] [225.0.. 275.0] [225.0.. 275.0] [225.0.. 275.0]
 PASS/FAIL : p p p p

CH-CH ----- 2-1 ----- 3-2 ----- 4-3 -----
 CH-CH : 0.0 0.0 0.0
 CH-CH_EXP : [-1.0.. 1.0] [-1.0.. 1.0] [-1.0.. 1.0]
 PASS/FAIL : p p p
 CH-CH ----- 3-1 ----- 4-1 ----- 4-2 -----
 CH-CH : 0.0 0.0 0.0
 CH-CH_EXP : [-1.0.. 1.0] [-1.0.. 1.0] [-1.0.. 1.0]
 PASS/FAIL : p p p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

CH-CH ----- 2-1 ----- 3-2 ----- 4-3 -----
 CH-CH : 0.0 -0.1 -0.1
 CH-CH_EXP : [-5.0.. 5.0] [-5.0.. 5.0] [-5.0.. 5.0]
 PASS/FAIL : p p p
 CH-CH ----- 3-1 ----- 4-1 ----- 4-2 -----
 CH-CH : -0.0 -0.1 -0.1
 CH-CH_EXP : [-5.0.. 5.0] [-5.0.. 5.0] [-5.0.. 5.0]
 PASS/FAIL : p p p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

*****TEST PASSED

RCCAMPH.010

	CH1	CH2	CH3	CH4
INPUT_AMPLS:	0.548	0.548	0.548	0.548
INPUT_FREQS:	10.0	10.0	10.0	10.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 2.009 2.002 1.995 2.015
 OUTPUT_EXP : [1.900.. 2.100] [1.900.. 2.100] [1.900.. 2.100] [1.900.. 2.100]
 PASS/FAIL : p p p p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

	CH1	CH2	CH3	CH4
INPUT_AMPLS:	0.986	0.986	0.986	0.986
INPUT_FREQS:	18.0	18.0	18.0	18.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 2.004 1.995 1.993 2.008
 OUTPUT_EXP : [1.959.. 2.039] [1.959.. 2.039] [1.959.. 2.039] [1.959.. 2.039]
 PASS/FAIL : p p p p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	5.507	5.507	5.507	5.507
INPUT_FREQS:	100.0	100.0	100.0	100.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	1.991	1.981	1.982	1.995
OUTPUT_EXP :	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	11.185	11.185	11.185	11.185
INPUT_FREQS:	200.0	200.0	200.0	200.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	1.990	1.981	1.980	1.992
OUTPUT_EXP :	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

*****TEST PASSED

RCCPHIO.010

INPUT_AMPLS:	0.548	0.548	0.548	0.548
INPUT_FREQS:	10.0	10.0	10.0	10.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	2.009	2.001	1.993	2.010
OUTPUT_EXP :	[1.900.. 2.100]	[1.900.. 2.100]	[1.900.. 2.100]	[1.900.. 2.100]
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	-41.3	-41.3	-41.4	-41.1
OUTPUT_EXP :	[-95.0.. 5.0]	[-95.0.. 5.0]	[-95.0.. 5.0]	[-95.0.. 5.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.986	0.986	0.986	0.986
INPUT_FREQS:	18.0	18.0	18.0	18.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT	:	2.005	1.995	1.993	2.010
OUTPUT_EXP	:	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]
PASS/FAIL	:	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT	:	-64.7	-64.8	-64.8	-64.7
OUTPUT_EXP	:	[-68.0..-62.0]	[-68.0..-62.0]	[-68.0..-62.0]	[-68.0..-62.0]
PASS/FAIL	:	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	5.507	5.507	5.507	5.507
INPUT_FREQS:	100.0	100.0	100.0	100.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT	:	1.991	1.981	1.982	1.994
OUTPUT_EXP	:	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]
PASS/FAIL	:	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT	:	-91.3	-91.3	-91.2	-91.2
OUTPUT_EXP	:	[-93.0..-89.0]	[-93.0..-89.0]	[-93.0..-89.0]	[-93.0..-89.0]
PASS/FAIL	:	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	11.185	11.185	11.185	11.185
INPUT_FREQS:	200.0	200.0	200.0	200.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT	:	1.991	1.980	1.980	1.991
OUTPUT_EXP	:	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]	[1.960.. 2.040]
PASS/FAIL	:	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT	:	-99.3	-99.4	-99.3	-99.3
OUTPUT_EXP	:	[-103.0..-95.0]	[-103.0..-95.0]	[-103.0..-95.0]	[-103.0..-95.0]
PASS/FAIL	:	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

*****TEST PASSED

RCCPHIOL.010

INPUT_AMPLS:	0.548	0.000	0.000	0.000
INPUT_FREQS:	10.0	0.0	0.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	2.009	0.016	0.003	0.015
OUTPUT_EXP :	[1.900.. 2.100]	[-0.400.. 0.400]	[-0.400.. 0.400]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	N/A	0.0001	0.0000	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	-41.3	0.0	0.0	0.0
OUTPUT_EXP :	[-95.0.. 5.0]	[-50.0.. 50.0]	[-50.0.. 50.0]	[-50.0.. 50.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.986	0.000	0.000	0.000
INPUT_FREQS:	18.0	0.0	0.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	2.006	0.015	0.003	0.015
OUTPUT_EXP :	[1.960.. 2.040]	[-0.400.. 0.400]	[-0.400.. 0.400]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	N/A	0.0001	0.0000	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	-64.7	0.0	0.0	0.0
OUTPUT_EXP :	[-68.0..-62.0]	[-3.0.. 3.0]	[-3.0.. 3.0]	[-3.0.. 3.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	5.507	0.000	0.000	0.000
INPUT_FREQS:	100.0	0.0	0.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	1.991	0.017	0.003	0.016
OUTPUT_EXP :	[1.960.. 2.040]	[-0.400.. 0.400]	[-0.400.. 0.400]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	N/A	0.0001	0.0000	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	-91.2	0.0	0.0	0.0
OUTPUT_EXP :	[-93.0..-89.0]	[-2.0.. 2.0]	[-2.0.. 2.0]	[-2.0.. 2.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	11.185	0.000	0.000	0.000
INPUT_FREQS:	200.0	0.0	0.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	1.993	0.017	0.003	0.015
OUTPUT_EXP :	[1.960.. 2.040]	[-0.400.. 0.400]	[-0.400.. 0.400]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	N/A	0.0001	0.0000	0.0000
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	-99.3	0.0	0.0	0.0
OUTPUT_EXP :	[-103.0..-95.0]	[-4.0.. 4.0]	[-4.0.. 4.0]	[-4.0.. 4.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

*****TEST PASSED

RCCPHIOL.020

INPUT_AMPLS:	0.000	0.548	0.000	0.000
INPUT_FREQS:	0.0	10.0	0.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.021	2.004	0.008	0.016
OUTPUT_EXP :	[-0.400.. 0.400]	[1.900.. 2.100]	[-0.400.. 0.400]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	0.0000	0.0104	0.0307	0.0001

PASS/FAIL : p p p p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.0 -41.3 0.0 0.0
OUTPUT_EXP : [-50.0.. 50.0] [-95.0.. 5.0] [-50.0.. 50.0] [-50.0.. 50.0]
PASS/FAIL : p p p p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS: 0.000 0.986 0.000 0.000
INPUT_FREQS: 0.0 18.0 0.0 0.0
INPUT_PHASE: 0.0 0.0 0.0 0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.021 1.998 0.004 0.016
OUTPUT_EXP : [-0.400.. 0.400] [1.960.. 2.040] [-0.400.. 0.400] [-0.400.. 0.400]
PASS/FAIL : p p p p

NOISE_LEVS : 0.0000 0.0104 0.0209 0.0001
PASS/FAIL : p p p p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.0 -64.8 0.0 0.0
OUTPUT_EXP : [-3.0.. 3.0] [-68.0..-62.0] [-3.0.. 3.0] [-3.0.. 3.0]
PASS/FAIL : p p p p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS: 0.000 5.507 0.000 0.000
INPUT_FREQS: 0.0 100.0 0.0 0.0
INPUT_PHASE: 0.0 0.0 0.0 0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.020 1.983 0.003 0.016
OUTPUT_EXP : [-0.400.. 0.400] [1.960.. 2.040] [-0.400.. 0.400] [-0.400.. 0.400]
PASS/FAIL : p p p p

NOISE_LEVS : 0.0001 0.0103 0.0037 0.0001
PASS/FAIL : p p p p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.0 -91.3 0.0 0.0
OUTPUT_EXP : [-2.0.. 2.0] [-93.0..-89.0] [-2.0.. 2.0] [-2.0.. 2.0]
PASS/FAIL : p p p p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.000	11.185	0.000	0.000
INPUT_FREQS:	0.0	200.0	0.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.020	1.981	0.002	0.016
OUTPUT_EXP :	[-0.400.. 0.400]	[1.960.. 2.040]	[-0.400.. 0.400]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	0.0000	0.0103	0.0018	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.0	-99.5	0.0	0.0
OUTPUT_EXP :	[-4.0.. 4.0]	[-103.0..-95.0]	[-4.0.. 4.0]	[-4.0.. 4.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

*****TEST PASSED

RCCPHIOL.030

INPUT_AMPLS:	0.000	0.000	0.548	0.000
INPUT_FREQS:	0.0	0.0	10.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.023	0.003	1.999	0.016
OUTPUT_EXP :	[-0.400.. 0.400]	[-0.400.. 0.400]	[1.900.. 2.100]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	0.0000	0.0000	N/A	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.0	0.0	-41.4	0.0
OUTPUT_EXP :	[-50.0.. 50.0]	[-50.0.. 50.0]	[-95.0.. 5.0]	[-50.0.. 50.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.000	0.000	0.986	0.000
INPUT_FREQS:	0.0	0.0	18.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.022	0.003	1.996	0.017
OUTPUT_EXP :	[-0.400.. 0.400]	[-0.400.. 0.400]	[1.960.. 2.040]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p

NOISE_LEVS :	0.0000	0.0000	N/A	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.0	0.0	-64.8	0.0
OUTPUT_EXP :	[-3.0.. 3.0]	[-3.0.. 3.0]	[-68.0..-62.0]	[-3.0.. 3.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.000	0.000	5.507	0.000
INPUT_FREQS:	0.0	0.0	100.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.024	0.003	1.983	0.017
OUTPUT_EXP :	[-0.400.. 0.400]	[-0.400.. 0.400]	[1.960.. 2.040]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p

NOISE_LEVS :	0.0000	0.0000	N/A	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.0	0.0	-91.2	0.0
OUTPUT_EXP :	[-2.0.. 2.0]	[-2.0.. 2.0]	[-93.0..-89.0]	[-2.0.. 2.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.000	0.000	11.185	0.000
INPUT_FREQS:	0.0	0.0	200.0	0.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.022	0.003	1.983	0.017
OUTPUT_EXP :	[-0.400.. 0.400]	[-0.400.. 0.400]	[1.960.. 2.040]	[-0.400.. 0.400]
PASS/FAIL :	p	p	p	p

NOISE_LEVS :	0.0000	0.0000	N/A	0.0001
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.0 0.0 -99.4 0.0
OUTPUT_EXP : [-4.0.. 4.0] [-4.0.. 4.0] [-103.0..-95.0] [-4.0.. 4.0]
PASS/FAIL : p p p p

----->>> RCC ACCUMULATED ERROR COUNT = 0

*****TEST PASSED

RCCPHIOL.040

INPUT_AMPLS: 0.000 0.000 0.000 0.548
INPUT_FREQS: 0.0 0.0 0.0 10.0
INPUT_PHASE: 0.0 0.0 0.0 0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.022 0.002 0.003 2.025
OUTPUT_EXP : [-0.400.. 0.400] [-0.400.. 0.400] [-0.400.. 0.400] [1.900.. 2.100]
PASS/FAIL : p p p p

NOISE_LEVS : 0.0000 0.0000 0.0000 N/A
PASS/FAIL : p p p p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.0 0.0 0.0 -41.3
OUTPUT_EXP : [-50.0.. 50.0] [-50.0.. 50.0] [-50.0.. 50.0] [-95.0.. 5.0]
PASS/FAIL : p p p p

----->>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS: 0.000 0.000 0.000 0.986
INPUT_FREQS: 0.0 0.0 0.0 18.0
INPUT_PHASE: 0.0 0.0 0.0 0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.020 0.002 0.003 2.016
OUTPUT_EXP : [-0.400.. 0.400] [-0.400.. 0.400] [-0.400.. 0.400] [1.960.. 2.040]
PASS/FAIL : p p p p

NOISE_LEVS : 0.0000 0.0001 0.0000 N/A
PASS/FAIL : p p p p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT : 0.0 0.0 0.0 -64.7
OUTPUT_EXP : [-3.0.. 3.0] [-3.0.. 3.0] [-3.0.. 3.0] [-68.0..-62.0]
PASS/FAIL : p p p p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.000	0.000	0.000	5.507
INPUT_FREQS:	0.0	0.0	0.0	100.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.022	0.003	0.003	1.998
OUTPUT_EXP :	[-0.400.. 0.400]	[-0.400.. 0.400]	[-0.400.. 0.400]	[1.960.. 2.040]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	0.0000	0.0001	0.0000	N/A
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.0	0.0	0.0	-91.2
OUTPUT_EXP :	[-2.0.. 2.0]	[-2.0.. 2.0]	[-2.0.. 2.0]	[-93.0..-89.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

INPUT_AMPLS:	0.000	0.000	0.000	11.185
INPUT_FREQS:	0.0	0.0	0.0	200.0
INPUT_PHASE:	0.0	0.0	0.0	0.0

AMPLITUDES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.022	0.002	0.003	1.994
OUTPUT_EXP :	[-0.400.. 0.400]	[-0.400.. 0.400]	[-0.400.. 0.400]	[1.960.. 2.040]
PASS/FAIL :	p	p	p	p
NOISE_LEVS :	0.0000	0.0000	0.0000	N/A
PASS/FAIL :	p	p	p	p

PHASES : ----- CH1 ----- CH2 ----- CH3 ----- CH4

OUTPUT :	0.0	0.0	0.0	-99.2
OUTPUT_EXP :	[-4.0.. 4.0]	[-4.0.. 4.0]	[-4.0.. 4.0]	[-103.0..-95.0]
PASS/FAIL :	p	p	p	p

----- >>> RCC ACCUMULATED ERROR COUNT = 0

*****TEST PASSED

AVM - RCC PASSED ATP #####
#####

TEST EQUIPMENT

NAME	MANUFACTURER	MODEL NO.	CUSTOMER NUMBER	CAL EXP
Function Generator	HP	3245A	H 300004	3-31-23
Function Generator	HP	3245A	GT1-4680	3-31-23
DMM	HP	34401A	H140035	5-31-23

SHIP TO: A		Customs Invoice/Packing Sheet			
A. J. WALTER AVIATION (AJW) LOGISTICS CNETRE THE BUSINESS PARK MAYDWELL AVENUE VAT: GB 717870119 SLINFOLD, WEST SUSSEX RH13 OSH GBR		Boeing Dallas Service Center 2750 Regent Boulevard Shipping Ramp 2 Dallas, TEXAS 75261 USA		Tracking #: DA2205140866 Work Order/Sub: M5RPK / 30995 Memo Number: CUS20629124 Print Date: Jun-29-2022 Location: INCOTERM: MRN #: Method of Payment: AIR FREIGHT COLLECT Ship Via: FEDEX Acct #: 124277507 ECCN: 9A991 HTS: 8543709099 Schedule B (US Export Required): 8807300010	
Boeing EIN: 91-0425694		Shipping Comments: FEDEX INT'L PRIORITY ACCT # 124277507			
Custom Status:					
Also Notify/Broker:					
Customer		Part Number	Serial Number	Qty	Unit Price
R394792	8KE144AAB1	2112H	1	EA	\$1,291.68
Authorized By: Chris Phommavong (33475) Budget Number: 3T-3T-6FMS Customer Rep: Hazel McMillan Phone Number: +1 (425) 2375030		CONVERTER		\$1,291.68	
Destination Deadline:		ROUTINE		\$1,291.68	
46647624		Boeing is a wholly owned subsidiary of Boeing, shipping on behalf of The Boeing Company.			
Shipping Details		Route Via:		L: W: H:	
		Country Of Origin: US		Packed With:	
		Freight Charges:		Net Weight:	
		Date:		Carrier:	
		AWB:		PACKED BY:	
These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for the use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.					