
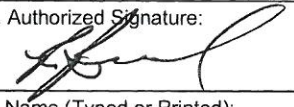


1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: MS5573
4. Organization Name and Address:  SEMCO SEM AeroSafety Group		SEMCO AEROSPACE TX. LLC 1625 Crescent Circle Suite 309 Carrollton, TX 75006 U.S.A		FAA Air Agency No: 5CIR425B EASA Approval: EASA.145.6593	5. Work Order/Contract/Invoice Number: 046281
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	OXYGEN MASK ASSEMBLY	174250-92	1.00	24304	OVERHAULED
12. Remarks: ALL WORK ACCOMPLISHED IN ACCORDANCE WITH THE CURRENT MANUFACTURERS COMPONENT MAINTENANCE MANUAL IDENTIFIED BELOW: UNIT OVERHAULED AND TESTED IAW CMM. UNIT DOM: 06/2008 Manual ID: 35-11-77, Revision #: 000, Revision Date: 3/22/2018 If "Other regulation specified in Block 12" is checked in block 14a, the following statement applies: "SEMCO Aerospace 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.145.6593."					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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:	13c. Approval Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: 5CIR425B		
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Rob Bonsal	14e. Date (dd/mmm/yyyy): 30-Jul-2020		
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. Statement 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.					

**SEMCO AEROSPACE**

1625 Crescent Circle
 Suite 309
 Carrollton, TX 75006
 U.S.A
 Ph: 214-390-2792, Fax: 972-820-8872

Work Order**Work Order #: MS5573**

Date Printed: 7/30/2020

Time: 3:17:30 PM

Page: 1

To:

ATTN: MARC LACOURLY
 PRIME INDUSTRIES INC
 PRIME INDUSTRIES INC
 406 DIVIDEND DRIVE
 PEACHTREE CITY, GA 30269

Ship To:

PRIME INDUSTRIES INC

Ref #: 046281

Phone #:

Fax #:

Code: PRI001

Site:

PN: 174250-92

Email: sharon@primeindustriesusa.com

Qty: 1.00

Warranty: No

Received Date: 7/24/2020

Descr: OXYGEN MASK ASSEMBLY

Serial Numbers: 24304

Valve SN: N/A

Symptoms:

OVERHAUL IS REQUIRED

CUSTOMER REQUESTS OVERHAUL

Faults:

OVERHAUL AS REQUIRED IAW CMM.

Last OVH: DOM

HARNES ASSEMBLY LEAKING.

Corrective Actions:

OVERHAULED AS REQUIRED

UNIT OVERHAULED AND TESTED IAW CMM.

UNIT DOM: 06/2008

YES

NO

MAINTENANCE RELEASE

Authorized Signature:

B/E REGULATOR TEST RESULTS

Date: Thu, Jul 30, 2020

Time: 7:50 AM

UUT PASSED

FAA # 5CIR425B

UUT Make.: BE

UUT Serial No.: 24304

Model / PN: 172810-00

Lot Code: 000

Comments: FUNCTIONAL TEST OF REGULATOR ASSY.

Work Order No.: MS 5573

Rev.: Operator: LINO CONTRERAS.

Test Sequence: C:\TS962050\software\Test Sequences\BE\172810-00\BE Regulator 172810-00 CMM

Test Stand No.: 962050-06

Software Rev.: A06

Requirement Specification: CMM 35-10-61

Rev: 4

Issue Date: 5-30-2014

ACCEPT REJECT

Functional Condition ck:

Proof Pressure test:

Harness test:

N/A: 

Microphone Test:

Responsible Engineer: Engineering

Phone Number: 214.390.2792

Test Name	Measured	Low Limit	Comp	High limit	Time (sec)	Result
Report Header Information						
Altitude Dilution 5000' "N" 95psi 20LPM	29.49	21.00	>= <=	33.60	79	passed
Altitude Dilution 10000' "N" 95psi 20LPM	30.64	25.70	>= <=	34.90	87	passed
Altitude Dilution 15000' "N" 95psi 20LPM	35.76	32.00	>= <=	36.50	80	passed
Altitude Dilution 20000' "N" 95psi 20LPM	42.37	40.70	>= <=	45.20	71	passed
Altitude Dilution 25000' "N" 95psi 20LPM	62.56	52.60	>= <=	89.20	86	passed
Altitude Dilution 30000' "N" 95psi 20LPM	98.59	69.20	>= <=	100.00	144	passed
Inhalation Resistance at 30000' 95psi 20LPM	-0.540	-1.000	>=	-1.000	0	passed
Altitude Dilution 35000' "N" 95psi 20LPM	98.45	98.40	>= <=	100.00	114	passed
Inhalation Resistance at 35000' 95psi	-0.621	-1.000	>=	-1.000	0	passed
Altitude Dilution 40000' "N" 95psi 20LPM	98.61	98.40	>= <=	100.00	114	passed
Inhalation Resistance at 40000' 95psi 20LPM	-0.562	-1.000	>=	-1.000	0	passed
Harness Test (Ref Heading for results)			Log		6	none

BE MASK TEST RESULTS

UUT PASSED

FAA # 5CIR425B

UUT Make.: BE

UUT Serial No.: 24304

Model / PN: 174250-92

Lot Code: 000

Comments: FUNCTIONAL TEST OF MASK/REGULATOR ASSY.

Work Order No.: MS 5573

Rev.: Operator: LINO CONTRERAS.

Test Sequence: C:\TS962050\software\Test Sequences\BE\BE MASK 174250-92 35-11-77 final.seq

Date: Thu, Jul 30, 2020

Time: 8:23 AM

Test Stand No.: 962050-06

Software Rev.: A06

Requirement Specification: CMM 35-10-60

Rev: 5B

Issue Date: 05/15/2017

ACCEPT REJECT

Functional Condition Ck:

Vent Valve Operation:

Crew Mask Mic. Test:

N/A:

Microphone Test:

Responsible Engineer Engineering

Phone Number: 214.390.2792

Test Name	Measured	Low Limit	Comp	High limit	Time (sec)	Result
Report Header Information						
Functional Condition Check (Ref Heading Info Sign-off)			Log		0	none
Total Leakage Test "100%"	1.1	10.0	Log		4	none
Inflate Harness and mount on adapter			<=	10.0	81	passed
Inward Leakage "100%" 1.0 inWC	5	150	Log		24	none
Ground Dilution "N" 60 psi 20 LPM	27	21	<=	150	56	passed
Inhale Resistance Test "N" 60 psi 20 LPM	-0.375	-1.000	>=	21	108	passed
Ground Dilution "N" 60 psi 70 LPM	40.3	21.1	>=	-1.000	0	passed
Inhale Resistance Test "N" 60 psi 70 LPM	-0.269	-2.300	>=	21.1	49	passed
Ground Dilution "N" 60 psi 100 LPM	47.6	21.1	>=	-2.300	0	passed
Inhale Resistance Test "N" 60 psi 100 LPM	-0.533	-3.500	>=	21.1	49	passed
Ground Dilution "100%" 60 psi 20 LPM	100.0	98.4	>=	-3.500	0	passed
Inhale Resistance Test "100%" 60 psi 20 LPM	2.780	-1.000	>=	98.4	143	passed
Ground Dilution "100%" 60 psi 70 LPM	100.0	98.4	>=	-1.000	0	passed
Inhale Resistance Test "100%" 60 psi 70 LPM	2.717	-2.300	>=	98.4	49	passed
Ground Dilution "100%" 60 psi 100 LPM	100.0	98.4	>=	-2.300	0	passed
Inhale Resistance Test "100%" 60 psi 100 LPM	2.696	-3.500	>=	98.4	46	passed
Ground Dilution "EMER" 95 psi 20 LPM	100.0	98.4	>=	-3.500	0	passed
Inhale Resistance Test "EMER" 95psi 20 LPM	2.741	2.000	>= <=	98.4	57	passed
Vent Valve Operation (Ref Heading for sign-off)			Log	4.000	0	passed
Exhalation Resistance "N" 60psi 20 LPM	0.1	1.0	Log		35	none
Exhalation Resistance "N" 60psi 70 LPM	1.0	2.3	<=	1.0	29	passed
Exhalation Resistance "N" 60psi 100 LPM	1.8	3.5	<=	2.3	22	passed
Crew mask Microphone Test (Ref Heading for sign-off)			<=	3.5	30	passed
Inflate Harness to remove			Log		65	none
			Log		131	none

BE REGULATOR TEST RESULTS

UUT PASSED

Date: Thu, Jul 30, 2020

Time: 8:02 AM

FAA # 5CIR425B

UUT Make.: BE

UUT Serial No.: 24304

Model / PN: 172810-00

Lot Code: 000

Comments: FUNCTIONAL TEST OF REGULATOR ASSY.

Work Order No.: MS 5573

Rev.: Operator: LINO CONTRERAS.

Test Sequence: C:\TS962050\software\Test Sequences\BE\172810-00\BE Regulator 172810-00 CMM

Test Stand No.: 962050-06

Software Rev.: A06

Requirement Specification: CMM 35-10-61

Rev: 4

Issue Date: 5-30-2014

ACCEPT REJECT

Functional Condition ck:

Proof Pressure Test :

Harness Test:

N/A:

Microphone Test:

Responsible Engineer Engineering

Phone Number: 214.390.2792

Test Name	Measured	Low Limit	Comp	High limit	Time (sec)	Result
Report Header Information						
Proof Pressure Test (Ref. Heading for Results)			Log		0	none
Total Leakage Test "100%"	0.0	10.0	<=	10.0	78	passed
Breathing Simulation			Log		9	none
Inward Leakage "100%" 1.0 "H2O	4	100	<=	100	34	passed
Exhalation Resistance Test "N" 95psig 100 LPM	2.95	3.00	<=	3.00	40	passed
Exhalation Resistance Test "N" 95psig 70 LPM	1.38	2.00	<=	2.00	25	passed
Exhalation Resistance Test "N" 95psig 20 LPM	0.19	1.00	<=	1.00	16	passed
"100%" Mode Test 60 psi 20 LPM	99.6	98.4	>=	98.4	97	passed
Emergency Mode Test "Emer" 60 psi 20 LPM	100.0	98.4	>=	98.4	100	passed
Emergency Mode pressure 60psi 20LPM	2.840	2.000	>= <=	4.000	0	passed
Emergency Mode Test "Emer" 95 psi 20 LPM	100.0	98.4	>=	98.4	50	passed
Emergency Mode pressure 95psi 20LPM	2.880	2.000	>= <=	4.000	0	passed
Ground Dilution "N" 95 psi 20 LPM	29.7	21.0	>=	21.0	79	passed
Inhale Resistance Report "N" 95psig 20LPM	-0.366	-1.000	>=	-1.000	0	passed
Ground Dilution "N" 95 psi 70 LPM	40.7	21.0	>=	21.0	46	passed
Inhale Resistance Report "N" 95psig 70 LPM	-0.291	-2.300	>=	-2.300	0	passed
Ground Dilution "N" 95 psi 100 LPM	45.1	21.1	>=	21.1	49	passed
Inhale Resistance Report "N" 95psig 100 LPM	-0.484	-3.500	>=	-3.500	0	passed