

1. Approving Civil Aviation Authority/Company: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: W484442-4760791-1
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4. Organization Name and Address: Pacific Scientific Company DBA Meggitt Customer Services and Support P94R580N 11700 NorthWest 102nd Road, Suite 6 Miami, FL 33178 USA	5. Work Order/Contract/Invoice Number: 110165
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	FIRE EXTINGUISHER	TFC14-0051-1	1	10338H1	OVERHAULED

12. REMARKS: **Unit was hydrostatically tested IAW 49 CFR 180 and overhauled IAW manufacturers approved data.**

CMM 26-23-79 Rev: 0 Date: 9/30/2017
34550004 Rev: C Date: 4/10/2007

MFG: PACIFIC SCIENTIFIC

DATE OF MANUFACTURE: 04/2017
CURRENT HYDRO: 09-2018
CARTRIDGE P/N: 30903852
SERIAL NUMBER/LOT NUMBER: 2636V
SERVICE DATE: 09-2018

Pacific Scientific certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5406.

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.
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13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: <i>Juan Toribio</i>	14c. Approval/Certificate No.: P94R580N
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Juan Toribio	14e. Date (dd/mmm/yyyy): 15/Sep/2018

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)/propellers(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.



Work order W484442

FAA repair station P94R580N

Form 9

Page 1

Part number	TFC14-0051-1	Qty	1	Description	FIRE EXTINGUISHER
Serial	10338H1	Customer	BURWOOD AVIATION SUPPLIES I		
Customer PO	110165				
Technical data	Data type/Number/Revision/Revision date CMM 26-23-79 Rev: 0 Date: 9/15/2012 34550004 Rev: C Date: 4/10/2007				

Evaluation

Customers remark

Customer requests unit be overhauled.
Overhaul quote required.

Results from evaluation

HYDROSTATIC TEST DUE

DOM: 04/07 LHD: 04/07 Cartridge: 04/07 [Exp]. Internal dry label is worn.

Work to be performed

Unit is to be overhauled IAW the referenced data.
CMM 26-23-79 Rev: 0 Date: 9/15/2012
34550004 REV: C Date: 4/10/2007

<p>2329326S</p>	<p>2329326C</p>
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Initial Evaluation task

Work instructions

Technical Data

The following Service Bulletins, Engineering Orders, Airworthiness Directive, SILs are associated with part number. Verify information below:

NONE

Verified by: Stamp

8 / 13 / 18
mo da yr

Initial inspection

Initial Inspection: The technician shall inspect the unit for damage, unapproved parts and any non-conforming conditions. Record the following information:

Date of Manufacture (month/year): 4 / 07

Date of Last Hydro (month/year): 4 / 07



Work order W484442

FAA repair station P94R580N

Form 9


Initial inspection

Cartridge Service Dates: Part Number 30903933 (month/year): 4/07

Units Condition Upon Receipt (circle one): Charged Fired Empty (not fired) Switch Serial Number: 56547

Gauge/ Switch Position correct for bottle condition (circle one): Yes No






Remarks (if any, stamp  if none, NA)

Initial Inspection Completed by:  8/13/18
mo da yr

Disassemble

Discharge (if necessary) and disassemble the unit in accordance with the CMM.

Inspect the following components for any hidden damage and record the results:

	 Serviceable	Unserviceable	Remarks (if any)
Outlets/Valves:		<u>NA</u>	<u>NA</u>
Cartridges	<u>NA</u>		<u>NA</u>
Pressure Vessel		<u>NA</u>	<u>NA</u>
Switch/Gauge (includes accuracy and switch set points)		<u>NA</u>	<u>NA</u>

Gauge/Switch Accuracy: record gauge/switch accuracy requirements

On Increasing Pressure

On Decreasing Pressure


Switch Opens/Closes before 330 psi



Switch Opens/Closes before 270 psi

Actual Switch Operation

310 psi

290 psi

Verified by:  08/13/18
Stamp mo da yr

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Cylinder Recertification task



Work order W484442

FAA repair station P94R580N


Form 9

Work instructions

Visual / inspect interior and exterior

Inspect the interior and exterior of the cylinder in accordance with the requirements of 49 CFR 180 and the CGA pamphlet. Record the results below (stamp one, if failed record in remarks reason):

Passed: Failed: Remarks: _____

Inspected by:  09/14/18
Stamp mo da yr

Hydrostatic Test



Hydrostatically test the cylinder in accordance with 49 CFR 180. Record results on the Cylinder Re certification Test Data Sheet and if ATA member in appropriate log.

Test Performed by:  09/14/18
Stamp mo da yr

Stamp REN

Mark the pressure vessel with REN (K124) in accordance with the requirements of 49 CFR 180

Performed by:  09/14/18
Stamp mo da yr


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Reassemble & Fill task

Work instructions

Assemble prior to charging

Assemble in accordance with the CMM:

Welding performed I.A.W. HTL-0001 performed by:  09/14/18
Stamp mo day yr

Perform pressure leak test: performed by:  09/14/18  or Failed
Stamp mo day yr Passed Failed

Welding inspected by:  09/14/18
Stamp mo day yr

Charge and weld fill fitting

Assemble the fire extinguisher in accordance with the CMM for charging.




Work order W484442
FAA repair station P94R580N

Form 9


Page 4

Charge and weld fill fitting

Fill Fitting P/N 3521-130-2 Code: 4

Record data on the fill data sheet. Assembly was charged by:  09/14/18
Stamp mo da yr

Perform leak test I.A.W with referenced date:  09/14/18 or N/A
Stamp mo day yr Passed Failed

Record if welding passed I.A.W. referenced date:  N/A
Passed Failed

The above performed by:  09/14/18
Stamp mo day

Final Assembly

Install the cartridges into the outlets (if necessary) and torque to 20 in/lbs and lockwire using .032-diameter lockwire.

Install the outlet/cartridge assembly onto the outlet bosses as shown in CMM.


DO NOT TORQUE THE OUTLETS TO THE FIRE EXTINGUISHER. POSITIONING OF THE OUTLETS WILL BE COMPLETED UPON INSTALLATION ON THE AIRCRAFT.


Install all thread protection and safety caps.

Record the following:

Cartridge PN: 34903952 SN/Lot #: 2636WF Service 09/18
mo yr

Add the cartridge service life limits and serial numbers to 8130 notes for verification at inspection process.

Performed by:  stamp


Switch SN: 56547 Remarks (stamp  if none): N/A

Work performed by:  09/14/18
Stamp mo da yr

Cell Leader Acceptance

This unit has been overhauled to the requirements of Drawing/CMM 26-23-79

SB: N/A AD: N/A
EO: N/A SIL: N/A

Verified by:  09/15/18
Stamp mo da yr





Work order W484442

FAA repair station P94R580N

Form 9

Page 5

 2329328S	 2329328C
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INSPECT task

Work instructions

Final Inspection & Return to Service

Inspected the unit IAW CMM/Drawing 26-23-79 manufacture's specifications, and/or customer's engineering order.

This certifies that the work specified in this work order was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part is approved for return to service.

Return to service by: [Signature] 9/15/18 Signature mo da stamp

