

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

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **112054**

4. Organization Name and Address: **FIRE-TEC AERO SYSTEMS LLC, 1936 W MONONA DR, PHOENIX AZ 85027 (QOFR371Y)**

5. Work Order/Contract/Invoice Number: **10979**

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Fire Extinguisher	8998870	1	566EL	REPAIR

12. Remarks:

Repaired Fire-Extinguisher Ref Kidde CMM 26-20-98 Rev: 14 Dated: 01/13/14
(See Work Order For Details)
Cartridge PN: 262299-2 SN: AEY4423 MFG DATE: 6/2018 Expiration: 6/2022
Hydrostatic Retest Date: 10/2019 Next Hydro Due: 10/2024

FIRE-TEC AERO SYSTEMS LLC 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 145.6005.

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

13b. Authorized Signature: _____

13c. Approval/Authorization No: _____

13d. Name (Typed or Printed): _____

13e. Date (dd/mm/yyyy): _____

14a. CFR 39 Return to Service Other regulation specified in Block 12

14b. Authorized Signature: *Bill Little*

14c. Approval/Certificate No: **QOFR371Y**

14d. Name (Typed or Printed): **BILL LITTLE**

14e. Date (dd/mm/yyyy): **29 Oct 2019**

User/Installer Responsibilities

It is important to understand that the existing aircraft, this aircraft, 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 of the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-2019)



10/29/19

INSPECTION REPORT

Fire Extinguisher Assy.

FAA Repair Station: Q0FR371Y
EASA Approval: EASA.145.6005

Date Rec:
Customer: Fire-Tec Aero Systems
P/N: 8988

S/N: 566EL

Work Order #: 10979
RO/PO: 112054
Cyl. MFD: 7/01/91

RECEIVING INSPECTION

Service Type: OH Bench Check Warranty Eval. Hydro Repair O/S

Caps: Yes No ATA Container: Yes No

AD's: Yes () No (✓) SB's: Yes () No (✓)

Customer Specific Requirements: install NE OEM cart.

PRELIMINARY INSPECTION

Condition:

Full Empty Fired Leaking Thermal Discharge

With Valves: Yes No
With Cartridges: Yes No
With Shipping Caps: Yes No

Visual Inspection:

Pressure Gauge: Pass Fail N/A
Pressure Switch: Pass Fail N/A
Discharge Valve(s): Pass Fail N/A

Preliminary findings and work to be performed: Replace with OEM cartridge (P/N: 2622902).

Technical Data used:

MFG: KD CMM: 26-20-98 Rev: 14 Date: 1/13/2014

INSP: Date: 10/28/19

CUSTOMER APPROVAL

Date: 10/25/19

Approved: Denied: ()



WORK ORDER

FAA Repair Station: Q0FR371Y
EASA Approval: EASA.145.6005

Customer	R/O	P/N	S/N	Work Order #
Fire-Tec Aero Systems	112054	898870	566EL	10979

Technical Data used: FIG: KD CMM: 26-20-98 Rev: 14 Date: 1/13/2014

Task 1: Verify Configuration and Work Scope with From FT-150-B

Service Type:

ASB/10H
 Bench Check Warranty Eval Hydro Repair O/S

AD's: Yes () No () S/N: Yes () No () Notes: _____

TECH: M
113 Date: 10/28/19

Task 2: Depressurize unit:

YES () NO () N/A ()

TECH: M
113 Date: 10/28/19

Task 3: Disassemble unit:

Comments: Install OEM cart. only.

YES () NO () N/A ()

TECH: M
113 Date: 10/28/19

Task 4: Hydrostatic Requalification Performed:

YES () NO () N/A ()

DOT Specification: _____ Cyl DOM: _____ Cyl Size: _____ cu in. Test Pressure: _____ psi

Test Results PASS () FAIL () Mark RIN on unit: YES () Hydro Date: ____/____/____

Next Hydro Due: 10/24

TECH: M
113 Date: 10/28/19

Task 5: Clean Cylinder and Components :

YES () NO () N/A ()

Cylinder Painted :

YES () NO () N/A ()

TECH: M
113 Date: 10/28/19

Task 6: Test Pressure Indicating Device:

Device Type: TCPS () Press Switch () Switch Gauge () Pressure Gauge () None ()

Perform accuracy/ function check:

Pass () Fail () NA ()

Notes: _____

TECH: M
113 Date: 10/28/19

Repair Station: Q0FR371Y

EASA Approval: EASA.145.6005

Customer	R/O	P/N	S/N	Work Order #
Fire Tec Aero Systems	112054	898870	566EL	10979

Technical Data used: MFG: KD CMM: 26-20-98 Rev: 14 Date: 1/13/2014

Task 7: Record Cartridge Information: N/A () / Perform Cartridge Test: Yes () No () N/A (X)

PN: 262299-6 S/N: AEY4423 DOM: 6-18 Exp. Date: 6-28
 Resistance Spec: Pin: to Range: to O. Reading: Pass () Fail () N/A (X)
 PN: S/N: DOM: Exp. Date:
 Resistance Spec: Pin: to Range: to O. Reading: Pass () Fail () N/A ()
 PN: S/N: DOM: Exp. Date:
 Resistance Spec: Pin: to Range: to O. Reading: Pass () Fail () N/A ()

TECH: M
113 Date: 10/28/19

Task 8: Inspect Cylinder and Components :

Inspected all components and cylinder prior to assembly

PASS (X) FAIL ()

INSP: A303 Date: 10/28/19

Task 9: Reassemble unit:

YES (X) NO () N/A ()

Comments: Install O21 Cart. oh/1

See attached bill of materials

TECH: M
113 Date: 10/28/19

Task 10: Recharge Unit:

YES () NO () N/A (X)

Filled unit with: lbs 1301

Recharged unit to: psi @ 70 °F

Unit passed leak check. Total Weight: 21.40 lbs

TECH: M
113 Date: 10/28/19

Task 11: Verify Pressure Indicating Device:

Pressure indicating / monitoring device is correct position for recharged unit:

YES () NO () N/A (X)

TECH: M
113 Date: 10/28/19

Task 12: Perform Final Inspection and Return to Service:

Unit passed inspection.

MFG: KD CMM: 26-20-98 Rev: 14 Date: 1/13/2014

INSP: A302 Date: 10/29/19

Teardown & Corrective Action Summary:

HAD/OWN Final Ret CMM



Pick Ticket

Fire-Tec Aero Systems

1936 W. Monona Drive.
 Phoenix, AZ 85027
 U.S.A.
 Ph: 1(623) 580-8880, Fax: 1(623) 580-8889

Work Order #: 10979



10979

Main Component: 898870 Fire Bottle

Priority: Routine

Page: 1
 Date: 10/25/2019
 Time: 1:43:32 PM

SL#	Serial Number	PN	Location	Control #	Consignment	Batch #:	Rsv Qty
	Remarks	Description	Warehouse	PO#	Lot #:		CD

BOM Part# / Desc: 262299-2 Cartridge Seq: 2 CD: NE Qty: 1 UOM:EA

BOM Priority: Routine

Reserved Stock

7		262299-2	PHX	39028-2	NO		1	1
		Cartridge	AZ	20499			0	NE

Burrwood Aviation COPY