

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

2. Authority Tracking Number: **143771**

3. Form Tracking Number: **143771**

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization: **Limco Airrepair, Inc.**
 Name and Address: **5304 South Lawton Ave.
 FAA/EASA Repair Station: CZ2R760K
 Tulsa, OK 74107
 UNITED STATES**

5. Work Order/Contract/Invoice Number: **Z1015**

6. FAA Certificate: **CZ2R760K**

| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: |
|----------|---|-----------------|--------------|--------------------|------------------|
| 1 | OZONE CONVERTER A319/320/321 ENGELHARD | 20499004 | 1 EA | 886 | OVERHAULED |

12. Remarks: In accordance with manual No. APS 92-04-061 Revision: U Revision Date: MAY 05 2016 and Manual No. 21-1-1-04 Revision: U Revision Date: JUL 12 2010
 CLEAN, OVERHAUL, TEST, DETAIL, AND INSPECT.

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 [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA 145-4153.

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 11.

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

13b. Authorized Signature: _____

13c. Approval/Authorization No.: _____

13d. Name (Typed or Printed): _____

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

14b. Authorized Signature: *[Signature]*

14c. Approval/Certificate No.: **CZ2R760K**

14d. Name (Typed or Printed): **MANG CHANG**

14e. Date (dd/mm/yyyy): **30 May 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)/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.



LIMCO-AIREPAIR, INC.

TEST DATA SHEET OZONE DECOMPOSITION REACTOR

Test Number: 1

Technician: ET
Date: ~~9/22/2017~~ 5-24-18/ET

| | |
|----------------------|---------------------|
| Customer: | AEROTRENDS AVIATION |
| Part Number: | 20499004 |
| Model: | A320 |
| Work Order: | 143771 |
| Serial Number: | 8882 |
| Barometric Pressure: | 30.12 |
| Ambient Temperature: | 78 |
| Test: | ACC |

| | | |
|-----------------------------|--------|-------|
| Q1 (SCFH) OXYGEN IN | 7.0 | |
| G1 (PSIG) OXYGEN IN | 6.5 | |
| PERCENT (%) OZONE OUTPUT | 30.0 | |
| M1 (IN. MERCURY) | 2.5 | |
| M1/2 (IN. WATER) | 1.8 | |
| T1 (DEGREES F.) | 112 | |
| M3/4 (IN. MERCURY) | 2.5 | |
| T3 (DEGREES F.) | 300 | |
| M7/8 (IN. WATER) | 16.60 | |
| T7 (DEGREES F.) | 300 | |
| PRESSURE DROP (IN. WATER) | 17.4 | 0.0 |
| AIRFLOW (LB/MIN) | 114 | 0 |
| CORRECTED AIRFLOW~ (LB/MIN) | 395 | 0 |
| RESIDENCE TIME~ (msec) | 11.862 | 0.000 |
| O3 CONCENTRATION IN (PPMV) | 1.569 | |
| O3 CONCENTRATION OUT (PPMV) | 0.003 | |
| PERCENT (%) OZONE REDUCTION | 99.8 | 0.0 |

PASS

~ @ 20 psig and 300° F



Limco Airepair, Inc.

5304 South Lawton Ave. Tel: 918-445-4300
 Tulsa, OK 74107 Fax: 918-445-2210 (MKT)
 UNITED STATES Fax 918-445-3285 (PUR)
 www.limcoairepair.com 20-8562612
 FAAVEASA Repair Station: CZ2R760K

TEARDOWN REPORT

Aircraft : A320
 Weight of Part : 11
 Valve S/N :
 Reason Removed :
 Work Requested :
 Inspected By : LUKE WEST
 Govt. Rating :
 Repair | Record : OVERHAUL

 Core Serial # :

F.O.B. :
 AEROTRENDS AVIATION LLC
 Attn: DJ RAGSDALE
 1200 TEXAN TRAIL
 STE 150
 GRAPEVINE, TX 76051
 UNITED STATES
 Tel. : 817-490-1100
 Fax : 817-490-1109

For Customer : AEROTRENDS AVIATION LLC
 S.O.No. : 070772 Line No. : 1

| | | |
|---------------------|----------------------------------|----------------------------|
| Cust P.O. : Z10195 | P/N : 049900 | Cert# : |
| Our Ref : 070772 | Des : OZ-NE CONVERTER A319/320/3 | Heat# : |
| Your Ref : Z10195 | S/N : 8882 | Lot# : |
| Contract : | MF : | Manual : APS 92-04-061 |
| Proj/DO# : SS TUBE | Qty : 1.0000 | Cond As:OH |
| Completed: 20499004 | S/N A : 8882 | Revision : U / May-05-2016 |
| Company : | Into Bin L : | |

Company : 1 Divisio : 100 Departm : 7001
 Order Date : May-18-2018 Received : May-18-2018 Date Date : May-18-2018 Print Date : May-30-2018

WORK ORDER No. 143771

QC :
 *****OVERHAULED*****
 CLEAN, OVERHAUL, TEST, DETAIL, AND INSPECT.
 PASSED EFFICIENCY TEST.
 M. CHANG 05/30/2018
 Preliminary Inspect
 CUSTOMER REASON FOR REMOVAL: UNK
 LAST SHOP VISIT: N/A
 EVALUATION:
 NO DAMAGE TO CORE OR HOUSING
 NEEDS CLEANED AND TESTED

Continued on next page



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FAA/EASA Repair Station: CZ2R760K

TEARDOWN REPORT

Page : 2 0 2

WORK ORDER No. 143771

PER APS 92-04-061

UNIT TO BE RECERTIFIED

Can Ship 10 days after approval is received.

Evaluate Work Assgmt

EVALUATOR: LMT DATE OF EVALUATION: 05/21/2018

EVALUATE WORK ASSIGNMENT:

- T: Test, inspect
- A: Soap clean / flushing, Minor repairs such as retightening fins, minor flange repair, minor welding, test, inspect.
- B: Removal of all coatings, major repairs as required including core blockage, application of coatings as required, test, inspect.
- C: Complete replacement of core assembly

B.E.R.: Beyond Economical Repair

R.A.I.: Return As Is

Authorized Signat