

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number H9EY443N

This certificate is issued to

**MUIRHEAD AEROSPACE LIMITED
d/b/a: MUIRHEAD AVIONICS**

whose business address is
**3, THE SQUARE HEATHROW, SOUTHALL LANE
SOUTHALL, MIDDLESEX, UB2 5NH
UNITED KINGDOM**

*upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved* **REPAIR STATION**

with the following ratings:

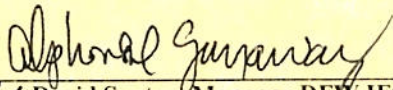
**LIMITED ACCESSORY
LIMITED INSTRUMENT (FEBRUARY 08, 2011)
LIMITED RADIO
LIMITED LANDING GEAR (DECEMBER 03, 2012)**

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* **until FEBRUARY 28, 2018.**

By direction of the Administrator

Date issued:

MARCH 27, 1996


for David Santoy, Manager DFW IFO

**This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF,
SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION**

Table of Contents

Part A

| | HQ CONTROL DATE | EFFECTIVE DATE | AMENDMENT NUMBER |
|---|--------------------|-------------------|---------------------|
| 001 Issuance and Applicability | 01/31/2012 | 03/11/2014 | 11 |
| 002 Definitions and Abbreviations | 01/12/2012 | 03/11/2014 | 8 |
| 003 Ratings and Limitations | 01/30/2004 | 05/13/2014 | 12 |
| 004 Summary of Special Authorizations and Limitations | 09/23/1998 | 05/13/2014 | 10 |
| 007 Designated Persons | 12/19/2006 | 03/11/2014 | 8 |
| 025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media | 11/16/2004 | 03/11/2014 | 5 |
| 060 European Aviation Safety Authority Ratings for Repair Stations Located Outside the United States | 11/16/2004 | 03/11/2014 | 1 |

A001 . Issuance and Applicability

HQ Control: 01/31/2012

HQ Revision: 05d

a. These operations specifications are issued to MUIRHEAD AEROSPACE LIMITED, a Repair Station, located outside the United States, pursuant to 14 CFR Part 145, § 145.53. The repair station certificate holder shall conduct operations in accordance with 14 CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
3, The Square Heathrow
Southall Lane, Southall
Middlesex, UB2 5NH
United Kingdom

b. The holder of these operations specifications is the holder of certificate number H9EY443N and shall hereafter be referred to as the "certificate holder".

c. These operations specifications are issued as part of this repair station certificate and are in effect as of the date approval is effective. This certificate and these operations specifications shall remain in effect until the expiration date on the issued certificate for a repair station that is located outside the United States unless previously surrendered, suspended, or revoked.

d. The repair station specified on these operations specifications and located within the EC performs maintenance and/or alteration of aircraft and/or aeronautical products to be installed on U.S.-registered aircraft under the terms and conditions of the U.S./EC Safety Agreement, Annex 2, Maintenance, between the FAA and the EC.

e. The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

MUIRHEAD AVIONICS

Delegated authorities: None

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Kenneth J Haynes on behalf of McCraw, Leslie C, III, Principal
Avionics Inspector (EA33)
[1] EFFECTIVE DATE: 3/11/2014, [2] AMENDMENT #: 11
DATE: 2014.03.11 04:05:34 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.



Yeoman, Gary, Quality Manager

12th August 2014

Date

A002 . Definitions and Abbreviations

HQ Control: 01/12/2012

HQ Revision: 05b

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in 14 CFR and 49 U.S.C., as cited in Public Law 103-272, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

| | |
|---------------------------------|--|
| BASA | The Bilateral Aviation Safety Agreement (BASA) is an executive agreement concluded between the United States and a foreign country for the purpose of promoting aviation safety; also known as an Agreement for the Promotion of Aviation Safety. |
| Certificate Holder | In these operations specifications, the term "certificate holder" means the holder of the repair station certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate. |
| CFR | Code of Federal Regulations |
| Class rating | As used with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics. |
| EASA | European Aviation Safety Agency |
| EASA Accountable Manager | The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full-member Authority. |
| Exemption | An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of 14 CFR Part 11. |
| FAA Accountable Manager | A person designated by the certificated repair station who is responsible for and has authority over all repair station operations that are conducted under 14 CFR Part 145, including ensuring that the repair station's personnel follow the regulations and serving as the primary contact with the FAA. |
| Geographic Authorization | An approval provided to a repair station located outside the United States to perform maintenance support under contract for a U.S. air carrier (or an operator of U.S.- registered aircraft under 14 CFR Part 129) at a location other than the repair station facility. A geographic authorization is issued by the FAA to respond to a U.S. air carrier's or Part 129 foreign operator's need for maintenance at a station where the frequency and scope of that maintenance does not |

| | |
|--|--|
| | warrant permanently staffing and equipping the station for its accomplishment. |
| Limited Rating | A rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts. |
| Limited Ratings - Specialized Services | Rating issued for a special maintenance function when the function is performed in accordance with a specification approved by the Administrator. |
| Line Maintenance | Any unscheduled maintenance resulting from unforeseen events, or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities. |
| MAG | The Maintenance Annex Guidance (MAG) defines the process that the FAA and EASA undertake in the inspection, findings of compliance certification, and monitoring of repair stations, as well as their joint cooperation in quality assurance and standardization activities in support of the Agreement, Annex 2, Maintenance. |
| Maintenance | The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance. |
| U.S./EC Aviation Safety Agreement, Annex 2, Maintenance | Annex 2 covers the reciprocal acceptance of findings of compliance, approvals, documentation and technical assistance regarding approvals and the monitoring of repair stations/maintenance organizations. |
| MIP | Maintenance Implementation Procedures (MIP) are procedures for implementing the provisions of a BASA that apply to maintenance. |
| MOE | A maintenance organization exposition (MOE) pertains to EASA member countries that use an MOE in place of a Repair Station Manual (RSM) and a Quality Control Manual (QCM). |
| Preventive Maintenance | As defined in 14 CFR part 1 and part 43 appendix A, subparagraph (c). |
| QCM | Quality Control Manual |
| Repair Station located in the United States | A certificated repair station located in the United States. |
| Repair Station located outside the United States | A certificated repair station located outside of the United States. |
| RSM | Repair Station Manual |

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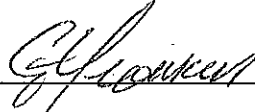
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Avionics Inspector (EA33)
[1] EFFECTIVE DATE: 3/11/2014, [2] AMENDMENT #: 8
DATE: 2014.03.11 04:06:02 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.



Yeoman, Cary, Quality Manager

12th August 2014

Date

A003 . Ratings and Limitations

HQ Control: 01/30/2004

HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

None authorized

Limited Ratings

Rating

See Paragraph A060 for EASA Ratings
EASA Certificate Number UK.145.00592
Dated: Mar 02, 2014

Manufacturer

Make/Model

Limitations

Limited Ratings - Specialized Services

Rating

None Authorized

Specifications

Limitations

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2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Leslie C McCraw III, Principal Avionics Inspector (EA33)
[1] EFFECTIVE DATE: 5/13/2014, [2] AMENDMENT #: 12
DATE: 2014.05.13 07:48:20 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.



Wells, Steve, Accountable Manager

12th August 2014

Date

A004 . Summary of Special Authorizations and Limitations

HQ Control: 09/23/1998

HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

| | Reference Paragraphs |
|---|-------------------------|
| Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media. | A025 |
| Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP. | A060 |

b. The certificate holder is *not authorized and shall not:*

| | Reference Paragraphs |
|---|-------------------------|
| Use Exemptions. | A005 |
| Perform work, including continuous operations, at additional locations other than at its primary fixed location. | A101 |
| Conduct operations choosing to have an antidrug and alcohol misuse prevention program. | A449 |
| Perform maintenance in accordance with foreign repair station geographic authorizations. | B050 |
| Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location. | D100 |
| Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station. | D107 |

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Digitally signed by Leslie C McCraw III, Principal Avionics Inspector (EA33)
[1] EFFECTIVE DATE: 5/13/2014, [2] AMENDMENT #: 10
DATE: 2014.05.13 07:29:57 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Handwritten signature of Steve Wells in black ink.

Wells, Steve, Accountable Manager

12th August 2014

Date

A007 . Designated Persons

HQ Control: 12/19/2006

HQ Revision: 030

- a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Table 1 – Designated Persons to Apply for and Receive Authorizations

| Title | Name | Parts Authorized |
|--|--------------|------------------|
| Director of Quality Assurance / Quality Manager | Yeoman, Gary | A |
| FAA Accountable Manager, I45 / Accountable Manager | Wells, Steve | A |

- b. The following personnel listed in Table 2 are designated by the certificate holder to receive Information for Operators (INFO) messages for the certificate holder as indicated below. A receipt for the information by an operator or person is not required.

Table 2 – Designated to Receive INFO Messages

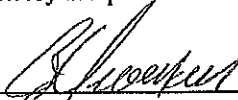
| Name | Email Address | Telephone No. | Type of Information to Receive |
|--------------|--------------------------|---------------|--------------------------------|
| Yeoman, Gary | gary.yeoman@ametek.co.uk | 02085713422 | ALL |

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[1] EFFECTIVE DATE: 3/11/2014, [2] AMENDMENT #: 8
DATE: 2014.03.11 04:07:41 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.



Yeoman, Gary, Quality Manager

12th August 2014

Date

**A025 . Electronic/Digital Recordkeeping System,
Electronic/Digital Signature, and Electronic Media**

HQ Control: 11/16/2004

HQ Revision: 00a

a. The certificate holder is authorized to use an approved electronic/digital recordkeeping system, described and/or referenced in this paragraph (if none, enter N/A.)

Muirhead's electronic data is controlled by Muirhead procedure ITPL003

b. The certificate holder is authorized the use of the following electronic/digital signature procedures (if none, enter "N/A").

N/A

c. The certificate holder is authorized to use electronic media for the repair station and quality control manuals, if acceptable (if none, enter "N/A").

Muirhead's electronic data is controlled by Muirhead procedure ITPL003

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[1] EFFECTIVE DATE: 3/11/2014, [2] AMENDMENT #: 5
DATE: 2014.03.11 04:08:06 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.



Yeoman, Gary, Quality Manager

12th August 2014

Date

A060 . European Aviation Safety Authority Ratings for Repair Stations Located Outside the United States **HQ Control: 11/16/2004**
HQ Revision: 010

- a. The certificate holder is authorized the following European Aviation Safety Authority ratings where the scope of work is authorized by the appropriate NAA form.
- (1) EASA ratings are limited by type and weight of aircraft
 - (2) A rating may be issued for base or line maintenance
 - (3) Rotors are also listed under components (C-10) and transmissions (C-11)
- b. The certificate holder is authorized the following EASA Aircraft Ratings per the scope of work identified on the applicable EASA Form 3:

| EASA AIRCRAFT RATINGS | SCOPE OF WORK AUTHORIZED |
|-----------------------|--------------------------|
| | N/A |

- c. The certificate holder is authorized the following EASA Engine and APU Ratings per the scope of work identified on the applicable EASA Form 3:

| EASA ENGINE RATINGS | SCOPE OF WORK AUTHORIZED |
|---------------------|--------------------------|
| | N/A |

- d. The certificate holder is authorized the following EASA Ratings for Components other than complete engines or APU per the scope of work identified on the applicable EASA Form 3:

| EASA RATINGS FOR COMPONENTS | SCOPE OF WORK AUTHORIZED |
|-----------------------------|--------------------------|
| C-1 Air Cond & Pres | UK.145.00592 |
| C-2 Auto Flight | UK.145.00592 |
| C-3 Comms & Nav | UK.145.00592 |
| C-5 Electrical Power | UK.145.00592 |
| C-6 Equipment | UK.145.00592 |
| C-7 Engine-APU | UK.145.00592 |
| C-8 Flight Controls | UK.145.00592 |
| C-9 Fuel-Airframe | UK.145.00592 |
| C-12 Hydraulic | UK.145.00592 |
| C-13 Instruments | UK.145.00592 |
| C-14 Landing Gear | UK.145.00592 |
| C-15 Oxygen | UK.145.00592 |
| C-17 Pneumatic | UK.145.00592 |
| C-18 Protection | UK.145.00592 |

- e. The certificate holder is authorized the following EASA Ratings for specialized services per the scope of work identified on EASA Form 3:

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Operations Specifications

| EASA RATINGS FOR SPECIALIZED SERVICES | SCOPE OF WORK AUTHORIZED |
|---------------------------------------|--------------------------|
| | N/A |

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[1] EFFECTIVE DATE: 3/11/2014, [2] AMENDMENT #: 1
DATE: 2014.03.11 04:08:33 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.



Yeoman, Gary, Quality Manager

12th August 2014

Date