

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number SF5R195N

This certificate is issued to

MERL, INC.

whose business address is

1777 NORTH COLONY ROAD
MERIDEN, CONNECTICUT 06450

*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 - RADIO
LIMITED - SPECIALIZED SERVICE

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* INDEFINITELY.

Date issued:

JULY 22, 1980
REISSUED: APRIL 4, 2012

By direction of the Administrator


BETH A. BABB, MANAGER, EA-FSDO-63
EA63, WINDSOR LOCKS, CT

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

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both

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Part A

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001 Issuance and Applicability	02/11/2016	02/12/2016	3
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A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 060

a. These operations specifications are issued to Merl Inc., a Repair Station located in 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:
1777 North Colony Road
Meriden, Connecticut 06450

b. The holder of these operations specifications is the holder of certificate number SF5R195N 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 certificate for a repair station that is located in the United States is surrendered, suspended, or revoked.

e. The certificate holder is authorized to use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

Delegated authorities: None

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



Digitally signed by David R Carreau, Principal Maintenance Inspector (EA63)
[1] SUPPORT INFO: Subparagraph d. optional text on Bilateral Aviation Safety Agreement between the U.S. and the EU, a selectable list, has been updated with an additional optional text, on repair stations outside the EU performing maintenance or installation on U.S. registered aircraft under the agreement. See N 8900.341 for further information.
[2] EFFECTIVE DATE: 2/12/2016, [3] AMENDMENT #: 3
DATE: 2016.02.12 12:15:16 -06:00

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

Mark R. Merliss

02-24-16

Merliss, Mark R., General Manager

Date

A002 . Definitions and Abbreviations

HQ Control: 12/14/2017

HQ Revision: 05d

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.
CAAS	Civil Aviation Authority of Singapore
CFR	Code of Federal Regulations
Class Rating	As used with respect to the certification, ratings, privileges of airframes, powerplants, propellers, radios, instruments, and accessories 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.
EU	European Union
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.
FOCA	Federal Office of Civil Aviation
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	Authorization 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's main 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 EASA Agreement, Annex 2, Maintenance. The term Maintenance Agreement Guidance (MAG) defines the processes and activities applicable to a specific country under an MIP, and is not associated with the EASA Agreement.
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
U.S./EU 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 performed under 14 CFR Part 145, Section 145.53(b).
MOE	A maintenance organization exposition (MOE) pertains to procedural manuals used by maintenance organizations certificated by a foreign country. The MOE along with the FAA Supplement, sets forth the structure and procedures of the repair station to meet the requirements of 14 CFR Part 145 under a MIP.

**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 FAA certificated repair station located in the United States.

**Repair Station located
outside the United
States**

A FAA certificated repair station located outside of the United States.

RSM

Repair Station Manual

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



Digitally signed by David R Carreau, Principal Maintenance Inspector (EA63)
[1] SUPPORT INFO: Non-mandatory revision to OpSpec A002 (Part 145)
comprising the following minor changes - 1) Inserted the Definition 'CAAS' for the
Term: Civil Aviation Authority of Singapore; and, 2) updated the following
Definitions: 'Class rating'; 'Geographic Authorization'; 'MAG'; and, 'Repair Station
located in the United States.' Revised by AFS-340.
[2] EFFECTIVE DATE: 9/22/2020, [3] AMENDMENT #: 4
DATE: 2020.09.22 10:15:55 -05:00

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

Mark R. Merliss

9-30-20

Mark R. Merliss, General Manager

Date

A003 . Ratings and Limitations

HQ Control: 04/03/2017

HQ Revision: 01a

The certificate holder is authorized the following Ratings and/or Limitations:

Class Ratings

none

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Radio	All makes and models.	All makes and models.	Maintenance and Alteration of Emergency Locator Transmitters

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Emergency Locator Transmitter: Battery Packs all makes and models	FAA Approved Major Repairs and Alterations Form 337	None

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



Digitally signed by David R Carreau, Principal Maintenance Inspector (EA63)
[1] SUPPORT INFO: This revision amends the template to align the language to that contained in part 145, §§ 145.59(c), 145.61(b), and 145.215(a). Reference to the capability list (CL) has been removed from the Propeller Class 2 because the regulation only requires a list by make. The drop-down box under Limited Ratings has been amended to contain only those ratings listed in § 145.61(b). See Notice 8900.411. Template revised by AFS-340.
[2] EFFECTIVE DATE: 9/22/2020, [3] AMENDMENT #: 4
DATE: 2020.09.22 10:11:10 -05:00

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

Mark R. Merliss

9-30-20

Mark R. Merliss, General Manager

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
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100

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

	Reference Paragraphs
Use Exemptions.	A005
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
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 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

1. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference: Letter of request dated 03/16/2012.
3. These Operations Specifications are approved by direction of the Administrator.



2012.03.30 14:51:10 Central Daylight Time
Location: WebOPSS
Digitally signed by David R Carreau,
Principal Maintenance Inspector (EA63)

4. Date Approval is effective: 03/30/2012 Amendment Number: 2
5. I hereby accept and receive the Operations Specifications in this paragraph.

Merliss, Mark R., General Manager

Mark R. Merliss

Date: 03/30/2012

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
FAA Accountable Manager, 145 / General Manager	Merliss, Mark R.	A,D

- 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
Merliss, Mark R.	merlincorporated@aol.com	(203) 237-8811	ALL
Merliss, Robert S.	merlincorporated@aol.com	(203) 237-8811	ALL

1. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference: Letter of request dated 03/16/2012.
3. These Operations Specifications are approved by direction of the Administrator.



2012.03.30 14:51:51 Central Daylight Time
Location: WebOPSS
Digitally signed by David R Carreau,
Principal Maintenance Inspector (EA63)

4. Date Approval is effective: 03/30/2012
- Amendment Number: 3
5. I hereby accept and receive the Operations Specifications in this paragraph.

Merliss, Mark R., General Manager

Mark R. Merliss

Date: 03/30/2012

A449 . Antidrug and Alcohol Misuse Prevention Program

HQ Control: 07/17/2009

HQ Revision: 00a

- a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 operator conducting operations under Section 91.147.
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 120 and 49 CFR Part 40 for its Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention Program records are maintained and available for inspection by the FAA's Drug Abatement Compliance and Enforcement Inspectors at the location listed in Table 1 below:

Table 1

	Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:
Telephone Number:	A1 (203) 237-8811
Address:	1777 North Colony Rd.
Address:	N/A
City:	Meriden
State:	CT
Zip code:	06450

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
 - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
 - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

The certificate holder has fewer than 50 safety-sensitive employees.

1. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference: Letter of request dated 03/16/2012.
3. These Operations Specifications are approved by direction of the Administrator.



2012.04.12 08:21:54 Central Daylight Time
Location: WebOPSS
Digitally signed by David R Carreau,
Principal Maintenance Inspector (EA63)

4. Date Approval is effective: 03/30/2012 Amendment Number: 2
5. I hereby accept and receive the Operations Specifications in this paragraph.

Merliss, Mark R., General Manager

Mark R. Merliss

Date: 03/30/2012

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Part D

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/2004	06/24/2014	3

D100 . Work to be Performed at a Place Other Than the Repair Station Fixed Location(s) HQ Control: 11/16/2004
HQ Revision: 050

- a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001, and paragraph A101 if issued, of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following table.

Table 1

Work Authorized	Repair Stations Manual References	Quality Control Manual References
Limited Radio for repair and alteration of Emergency Locator Transmitters all Makes and Models.	Section 8-3	Section 8-3
Specialized Service for Repair of Emergency Locator Transmitter Battery Packs.	Section 8-3	Section 8-3

- b. The certificate holder **may not** perform **continuous** operation at a facility other than the station's Fixed Location listed in paragraph A001, and paragraph A101 if issued.
- c. Line Stations. Privileges of a line station, as set forth by the EASA certificate and scope of work and located within the country where the main facility is domiciled are listed in Table 1 are authorized.
- d. Work may be due to a special circumstance or on a recurring basis. If on a recurring basis, the repair station must have procedures in its manual.

1. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by David R Carreau, Principal Maintenance Inspector (EA63)

[1] SUPPORT INFO: Letter of request dated June 19, 2014.

[2] EFFECTIVE DATE: 6/24/2014, [3] AMENDMENT #: 3

DATE: 2014.06.24 09:59:51 -05:00

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

Mark R. Merliss

6-30-14

Merliss, Mark R., General Manager

Date



U.S. Department
of Transportation

Federal Aviation
Administration

1st MERL CERT. # SF5R195N
2nd MELCO " # MX1R338K

800 Independence Ave., S.W.
Washington, D.C. 20591

MAR 24 1994

Plan Number: E-NE-00002-U
[D-NE-219]

Mr. Mark R. Merliss
Merl, Inc./Meriden Electronics, Corp
1777 N. Colony Rd.
Meriden, CT 06450

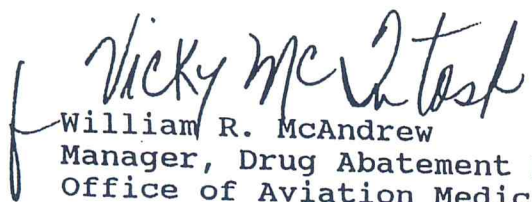
Dear Mr. Merliss:

This is to inform you that your enclosed antidrug plan has been approved by the Federal Aviation Administration (FAA). Under the terms of this approval, you are authorized to begin testing covered employees immediately.

This approval is contingent on your continuing association with the Professional Testing Services-Burt Fit for Duty Consortium as specified in your plan. Should you terminate your consortium membership, you must notify the FAA and submit an alternative plan for meeting the requirements of the antidrug regulations. You are reminded that, even though you have contracted with an FAA-approved consortium to assist you with this program, you are responsible for complying with all aspects of the FAA antidrug regulation.

The antidrug regulation (amended December 23, 1993) requires that you collect and maintain statistical antidrug program data identified on enclosed Appendix I to Part 121. You may also be required to submit annual reports (by March 15 each year) to the FAA summarizing your drug testing results. A copy of the report format and instructions for completing it will be sent to you in the near future in time for preparing annual reports.

Sincerely,


William R. McAndrew
Manager, Drug Abatement Division
Office of Aviation Medicine

Enclosures

cc: Professional Testing Services-Burt/Fit for Duty
Consortium



U.S. Department
of Transportation

Federal Aviation
Administration

1st MERL CERT. # SF5R195N
2nd MELCO " # MX1R338K

800 Independence Ave., S.W.
Washington, D.C. 20591

MAR 24 1994

Plan Number: E-NE-00002-U
[D-NE-219]

Mr. Mark R. Merliss
Merl, Inc./Meriden Electronics, Corp
1777 N. Colony Rd.
Meriden, CT 06450

Dear Mr. Merliss:

This is to inform you that your enclosed antidrug plan has been approved by the Federal Aviation Administration (FAA). Under the terms of this approval, you are authorized to begin testing covered employees immediately.

This approval is contingent on your continuing association with the Professional Testing Services-Burt Fit for Duty Consortium as specified in your plan. Should you terminate your consortium membership, you must notify the FAA and submit an alternative plan for meeting the requirements of the antidrug regulations. You are reminded that, even though you have contracted with an FAA-approved consortium to assist you with this program, you are responsible for complying with all aspects of the FAA antidrug regulation.

The antidrug regulation (amended December 23, 1993) requires that you collect and maintain statistical antidrug program data identified on enclosed Appendix I to Part 121. You may also be required to submit annual reports (by March 15 each year) to the FAA summarizing your drug testing results. A copy of the report format and instructions for completing it will be sent to you in the near future in time for preparing annual reports.

Sincerely,

Vicky McAndrew

William R. McAndrew
Manager, Drug Abatement Division
Office of Aviation Medicine

Enclosures

cc: Professional Testing Services-Burt/Fit for Duty
Consortium

FAA ALCOHOL MISUSE PREVENTION PROGRAM (AMPP) CERTIFICATION STATEMENT

PART I - EMPLOYER INFORMATION

1. EMPLOYER/CONTRACTOR COMPANY NAME/ADDRESS/TELEPHONE:

MERIDEN ELECTRONIC GROUP

P.O. BOX 188

1777 NO. COLONY RD.

MERIDEN, CT 06450

203 237-8811 (VOICE) /None (FAX) (203) 237-0265

2. AMPP PROGRAM MANAGER NAME/ADDRESS/TELEPHONE:

MR. MARK MERLISS

P.O. BOX 188

1777 NO. COLONY RD.

MERIDEN, CT 06450

203 237-8811 (VOICE) /None (FAX) (203) 237-0265

RECEIVED
JUL 1 1994
FEDERAL AVIATION
ADMINISTRATION
WASHINGTON, D.C.

64 JUL 1 1994

RECEIVED

02
E-NE-0004-0
[G-NE-0005]
219

1. CERTIFICATES ISSUED BY THE FAA: Meriden Electronics Corp. C. R. S. # MX1R338K 12-12-
Merl, Inc. C. R. S. #SF5R195N 07-22, 1980.
CONTRACTOR Merl, Inc. C. R. S. #
See #1. E19-86 M. M. F. 05-24-78
above
- OPERATING CERTIFICATE NO.:
DATE ISSUED: after the numbers.
- IMPLEMENTATION DATE - THE CONTRACTOR WILL BEGIN ITS ALCOHOL TESTING
PROGRAM ON JULY 1, 1995.

2. CONSORTIUM - THE CONSORTIUM THAT PROVIDES AMPP SERVICES:

BURT FIT FOR DUTY/PROFESSIONAL TESTING SERVICES, INC.
24 ROSSOTTO DRIVE
HAMDEN, CT 06514-1335

(203) 230-9500 (VOICE) / (203) 230-4155 (FAX)

PART II - CERTIFICATION STATEMENT

I CERTIFY THAT I AM AUTHORIZED TO REPRESENT MERIDEN ELECTRONIC GROUP
IN THIS MATTER, THAT THE INFORMATION IN PART I OF THIS DOCUMENT IS
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT
MERIDEN ELECTRONIC GROUP WILL COMPLY WITH THE PROVISIONS OF THE
FEDERAL AVIATION ADMINISTRATION'S ALCOHOL MISUSE PREVENTION
PROGRAM REGULATIONS AND WITH THE TERMS HEREIN.

Mark R. Merliss, Pres.

Mark R. Merliss

(ME)

June 27, 1994
(DATE)

resident and Drug Program Manager
(TLE)