

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number DN3R455L

This certificate is issued to

Plasma Technology Incorporated

whose business address is

**1754 Crenshaw Boulevard
Torrance, CA 90501**

*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 AIRFRAME (05/01/90)
LIMITED POWERPLANT (04/16/93)
LIMITED NON-DESTRUCTIVE TESTING (11/25/98)
LIMITED SPECIALIZED SERVICES (02/16/00)**

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

Date issued:

February 16, 1970

Reissued: February 16, 2000

By direction of the Administrator

Linda E. Silvertooth

Linda E. Silvertooth

Manager, Long Beach FSDO

**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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A001. Issuance and Applicability

HQ Control: 11/16/04
HQ Revision: 050

- a. These operations specifications are issued to Plasma Technology, Inc., a Domestic Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
1754 Crenshaw Boulevard
Torrance, CA 90501

Mailing Address:
1754 Crenshaw Boulevard
Torrance, CA 90501

- b. The holder of these operations specifications is the holder of Certificate Number DN3R455L 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 operations specifications shall remain in effect until the domestic repair station certificate is surrendered, suspended, or revoked.
- d. The repair station specified on these operations specifications performs maintenance and/or alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of a Bilateral Aviation Safety Agreement and associated Maintenance Implementation Procedures between the Federal Aviation Administration and a Foreign National Aviation Authority identified in Advisory Circular 145-8.

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

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


Ayem, Mark

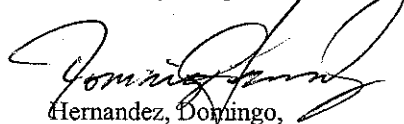
Principal Maintenance Inspector

WP05

3. Date Approval is effective: 3/8/05

Amendment Number: 3

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


Hernandez, Domingo,

Quality Control Manager

Date: 3/8/05

A002. Definitions and Abbreviations

HQ Control: 11/16/04

HQ Revision: 050

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in the Title 14 Code of Federal Regulations (CFR) Regulations and Title 49 United States Code 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.

**Bilateral Aviation
Safety Agreement
(BASA)**

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" shall mean 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.

**Domestic Repair
Station**

A certificated repair station located in the United States.

Exemption

An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of CFR 14, 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.

FAA Form 8000-4-1

The FAA Form 8000-4-1 has been replaced with the form contained within this operations specifications application (OPSS) for the generation of the 14 CFR Part 145 Repair Station Operations Specifications.

Foreign Repair Station

A certificated repair station located outside of the United States.

**Geographic
Authorization**

An approval provided to a foreign repair station to perform maintenance support under contract for a U.S. air carrier, or 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 the need of a U.S. air carrier or Part 129 foreign operator 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.

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.

Limited Rating

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 or data acceptable to 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.

Maintenance

The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.

**Maintenance
Implementation
Procedures (MIP)**

Procedures for implementing the provisions of a BASA that apply to maintenance.

MOE

Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.

**Preventive
Maintenance**

As defined in Appendix A subparagraph (c) of 14 CFR Part 43.

QCM

Quality Control Manual

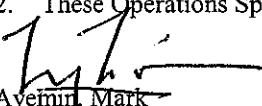
RSM

Repair Station Manual

**Substantial
Maintenance**

Any activity involving a C-check (routine airframe maintenance) or greater maintenance; any engine maintenance requiring case separation or teardown; and/or major alterations or major repairs performed on airframes, engines, or propellers.

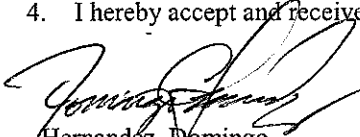
1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.


Ayeimin, Mark

Principal Maintenance Inspector

WP05

3. Date Approval is effective: 3/8/05 Amendment Number: 2
4. I hereby accept and receive the Operations Specifications in this paragraph.


Hernandez, Domingo,

Quality Control Manager

Date: 3/8/05

A003. Ratings and Limitations

HQ Control: 01/30/04
HQ Revision: 010

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

Class Ratings

None Authorized.

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Airframe	Boeing Aircraft Company	Boeing B-727 Nose Gear Collars, P/N 65-19823 and P/N 65- 88195	Repair and overhaul processes in accordance with manufacturer's maintenance manual and/or air carrier's instructions and specifications, as revised.
PowerPlant	Pratt & Whitney	Pratt and Whitney JT8D Gear Assembly Typical P/N 491337- Series	Repair and overhaul processes in accordance with manufacturer's maintenance manual and/or air carrier's instructions and specifications, as revised.
Nondestructive Inspection, Testing, and Processing	N/A	N/A	Penetrant Inspection in accordance with the provisions of NAS 410, MIL-STD-6866 and ASTM- E1417, and the component manufacturer's instructions and specifications, as revised.

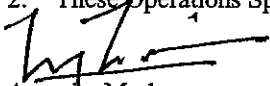
Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Thermal Spray Coatings Application	In accordance with MIL-STD-869, PWA 53, BAC 5851, DPS 9.95, DPS 9.99, DPS 9.85, DPS 9.83, MIL-W-6712, GPS 3227-2, GPS- 3228-1, FP 5045, BPS 4463, PN 13.05-05 and PN 13.05-07, P16TF5, AMS 2437, AMS 2447, AMS 4180, and SS 8491, as revised.	Repair limitations as contained in the referenced Civil or Military Specifications and using the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, as revised.
Painting	MIL-F-18264	Repair limitations as contained in the referenced Civil or Military Specifications and using the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, as revised.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Machining	MIL-M-80255, and MIL-M-80264	Repair limitations as contained in the referenced Civil or Military Specifications and using the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, as revised.
Grinding	MIL-G-80048, MIL-G-80073, and MIL-G-80088	Repair limitations as contained in the referenced Civil or Military Specifications and using the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, as revised.
Welding	MIL-W-8611, and DAC OHM 71-30-02	Repair limitations as contained in the referenced Civil or Military Specifications and using the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, as revised.

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


Ayemih, Mark

Principal Maintenance Inspector

WP05

3. Date Approval is effective: 7/27/05

Amendment Number: 4

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


Hernandez, Domingo

Quality Control Manager

Date: 7/27/05

A004. Summary of Special Authorizations and Limitations

HQ Control: 9/23/1998
HQ Revision: 010

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

	<u>Reference Paragraphs</u>
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

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

Use Exemptions.	A005
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Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP.	A060
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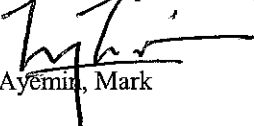
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
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Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
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Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100
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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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1. Issued by the Federal Aviation Administration.
 2. These Operations Specifications are approved by direction of the Administrator.


Ayemil, Mark

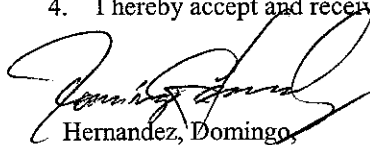
Principal Maintenance Inspector

WP05

3. Date Approval is effective: 3/8/05

Amendment Number: 2

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


Hernandez, Domingo

Quality Control Manager

Date: 3/8/05

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
Quality Control Manager	Hernandez, Domingo,	A
President	Dowell, Robert D.,	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
Hernandez, Domingo	dhernandez@ptise.com	310-320-3373	ALL

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.02.16 10:40:51 Central Standard Time
Location: WebOPSS
Digitally signed by Gerald A Boots,
Principal Maintenance Inspector (WP05)

4. Date Approval is effective: 02/16/2010 Amendment Number: 4

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

Hernandez, Domingo, , Quality Control Manager

A handwritten signature in black ink, appearing to read "Domingo Hernandez", written over a horizontal line.

Date: 02/16/2010

A449. Antidrug and Alcohol Misuse Prevention Program

HQ Control: 01/22/04
HQ Revision: 000

- 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 sightseeing operation as defined by 14 CFR §135.1(c).
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 121 appendices I and J 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:	A-1 (310) 320-3373
Address:	1754 Crenshaw BLVD
Address:	N/A
City:	Torrance
State:	CA
Zip code:	90501

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. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

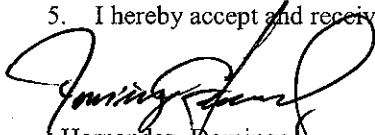


Bohnert, Joseph J.

Principal Maintenance Inspector

WP05

4. Date Approval is effective: 4/9/08 Amendment Number: 1
5. I hereby accept and receive the Operations Specifications in this paragraph.



Hernandez, Domingo,

Quality Control Manager

Date: 4/9/08



European Aviation Safety Agency

The Quality Manager
**PLASMA TECHNOLOGY
INCORPORATED**
1754 Crenshaw Boulevard
Torrance, CA 90501
United States of America

Cologne, 29 June 2010

Ref. Letter: EASA D(2010)/L6/Rev 1/EASA.145.4751/FAA.DN3R455L/53128

Subject: Continuation of EASA Part-145 approval

Dear Sir or Madam,

Following a positive recommendation from the **FAA** the European Aviation Safety Agency hereby confirms the continued validity of your EASA Part-145 approval until **01 August 2012**, subject to continued compliance with FAR 145 and the EASA special conditions as detailed in the Bilateral Aviation Safety Agreement (BASA) and associated Maintenance Implementation Procedures (MIP):

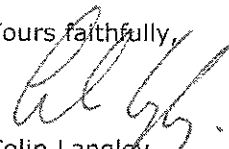
PLASMA TECHNOLOGY INCORPORATED

EASA Part-145 Approval certificate reference number:

EASA.145.4751

You are reminded that you will be required to submit your next continuation paperwork package in accordance with the MIP-G which is available on our web site at www.easa.europa.eu.

Yours faithfully,


Colin Langley
Continuing Airworthiness Team Leader