

MESSIER-DOWTY

Expires: July 31, 2010



Subscriber Holding
Nadcap User Compliance and Audit Program
(NUCAP)
Certificate & Scope of Approval



August 17, 2009

Latchezar Anguelov
Messier-Dowty
Zone Aéronautique Louis Breguet
Vélizy Cedex, 78148
FRANCE

Dear Latchezar:

Your facility has been approved for NUCAP. Please note that your NUCAP certificate is valid until **July 31, 2010**. Accordingly, we have enclosed your certificate(s) of approval, your scope of approval, and logo sheet.

Please note that if any changes occur within your company (i.e., ownership, key managerial staff, equipment, company name, quality manager, address, etc.) that may affect your capability or scope of approved activities, you are required to notify PRI Staff by completing the "Notification of Change/Request for Revised Certification" form located in [eAuditNet.com/Resources/Public Documents/General Documents](http://eAuditNet.com/Resources/Public/Documents/General Documents), immediately.

We would like to congratulate you on your achievement in meeting the stringent requirements of NUCAP Approval.

If you have any questions concerning the NUCAP Process, please contact PRI Headquarters at (724)772-8660.

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa Shultz". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Lisa Shultz
Prime Support Engineer
Industry Managed Programs, Research & Development

LS/dlh

Enclosures: Certificate(s)
Scope of Approval
Logo Sheet



In accordance with Program Document PD3000, to the revision in effect at the time of the audit, this certificate is granted and awarded by the authority of the Nadcap Users Compliance and Audit Program (NUCAP) Management Council to:

MESSIER-DOWTY

at

See Attached Supplement

They have demonstrated conformance and are awarded approval for specific services, listed in the Scope of Approval, as listed in www.pri-network.org on the Approved User's Listing (AUL), to the revision in effect at the time of the audit for:

***Chemical Processing, Coatings, Heat Treating,
Nondestructive Testing and Surface Enhancement***

*Expiration Date: July 31, 2010
Certificate Number: 130709
Issue Date: August 17, 2009*

A handwritten signature in black ink, appearing to read "W. G. Wagner". The signature is written in a cursive style and is positioned above a horizontal line.

William G. Wagner, Vice President and General Manager



SCOPE OF APPROVAL NUCAP

Approval Date: August 17, 2009
Expiration Date: July 31, 2010

Audit #130709
Certificate #130709

Messier-Dowty SA (Bidos)
Etablissement de Bidos, BP 39
64401 Oloron Ste Marie
FRANCE

**Chemical Processing, Heat Treating, Nondestructive Testing
and Surface Enhancement**

In recognition of the successful completion of the PRI evaluation process, approval is granted to this facility to perform the following:

Chemical Processing (AC7108)

- AC7108 - Chemical Cleaning: Alkaline, Titanium (Alkaline)
Conversion/Phosphate Coatings: AMS 2473
Plating:
 - Brush (Customer Specification)
 - Cadmium (AMS 2401, QQ-P-416)
 - Chromium (AMS 2406, Customer Specification)
 - Nickel (AMS 2424, QQ-N-290,)
- AC7108/4 - Independent Testing Laboratories in Support of Chemical Processing Vendors:
 - Hydrogen Embrittlement Test Specimen Preparation
 - Solution Analysis

Heat Treating (AC7102 / AC7102S) – Audit #129782

- AC7102 - Steels: AMS 2759, AMS 2759/1, AMS 2759/2, Customer Specification
- AC7102/2 - Aluminum Alloys: AMS 2770, Customer Specifications
- AC7102/5 - Hardness: (M1)Brinell, (M2)Rockwell, (M3)Vickers
- AC7101/3 - Materials Testing Laboratories – Mechanical Testing
 - (A) RT Tensile Testing
- AC7101/4 - Materials Testing Laboratories – Metallography and Microhardness:
 - (L5) Near Surface Examinations – Microhardness
- AC7102/S - Supplemental Audit Criteria for Aluminum Heat Treating
 - U0-Unknown

Approval Date: August 17, 2009
Expiration Date: July 31, 2010

Audit #130709
Certificate #130709

Nondestructive Testing (AC7114 / AC7114S)

AC7114 - NDT Suppliers Accreditation Program Audit Criteria
AC7114S - S-U00 None
AC7114/1 - Liquid Penetrant Survey
AC7114/1S - S-U00 None
AC7114/2 - Magnetic Particle Survey
AC7114/2S - S-U00 None
AC7114/3 - Ultrasonic
AC7114/3S - S-U00 None
AC7108/2 - Etching: Nital, Temper

Surface Enhancement (AC7117)

AC7117/1 - Computer Controlled
AC7117/2 - Automated
AC7117/4 - Flapper
AC7117/5 - Manual

**Messier-Dowty Ltd (Gloucester)
Cheltenham Road
Gloucester, England GL2 9QH**

**Chemical Processing, Heat Treating, Nondestructive Testing,
and Surface Enhancement**

In recognition of the successful completion of the PRI evaluation process, approval is granted to this facility to perform the following:

Chemical Processing (AC7108)

AC7108 - Chemical Cleaning: Acid, Alkaline, Solvent. Titanium (Alkaline), Customer Specification
Conversion/Phosphate Coatings: AMS 2473
Plating:
Brush (Customer Specification)
Cadmium (AMS 2401, QQ-P-416, Customer Specification)
Chromium (AMS 2406, AMS-QQ-C-320,)
Nickel (AMS 2424, QQ-N-290, Customer Specification)
Stripping: Customer Specification
Surface Treatment/Passivation: Customer Specification

Heat Treating (AC7102 / AC7102S)

AC7102 - Cryogenic Treatments
Stainless/Martensitic Steels: AMS 2759/5
Stainless Steels: Customer Specifications
Stainless and PH Stainless Steels: (Age, Anneal and/or Stress Relieve),
AMS 2759/3, Customer Specifications
Steels: (Normalize, Anneal, Stress Relieve or Temper), AMS 2759/1, AMS
2759/2, Customer Specifications
Titanium Alloys: (No Water Quench), AMS 2801, AMS-H-81200, Customer
Specifications

AC7102/2 - Aluminum Alloys: AMS 2770

AC7101/3 - Materials Testing – Mechanical Testing:
(A) RT Tensile Testing

AC7101/4 - Materials Testing – Metallography & Microhardness:
(L) Metallography (General)
(L5) Near Surface Examinations – Microhardness
(L7) Near Surface Examinations – IGA/IGO

AC7102/5 - Hardness:
Brinell
Rockwell
Vickers

AC7102/S - Supplemental Audit Criteria for Heat Treating:
U-00 None

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Audit #130709
Certificate #130709

NonDestructive Testing (AC7114 / AC7114S)

AC7114 - NDT Suppliers Accreditation Program Audit Criteria
AC7114S - S-U00 None
AC7114/1 - Liquid Penetrant Survey
AC7114/1S - S-U00 None
AC7114/2 - Magnetic Particle Survey
AC7114/2S - S-U00 None
AC7114/3 - Ultrasonic
AC7114/3S - S-U00 None
AC7114/4 - Radiography
AC7114/4S - S-U00 None
AC7108/2 - Etching: Local (Swab) Etch, Nital, Pre-Penetrant, Temper

Surface Enhancement (AC7117) – Audit #129779

AC7117/2 - Automated
AC7117/4 - Flapper

Messier-Dowty Inc. (Montreal)
13000 rue du Parc
St Janvier Mirabel Quebec J7J 1P3
CANADA

**Chemical Processing, Heat Treating, Nondestructive Testing,
and Surface Enhancement**

In recognition of the successful completion of the PRI evaluation process, approval is granted to this facility to perform the following:

Chemical Processing (AC7108) – Audit #129780

AC7108 - Plating:
Brush (Customer Specifications)
Cadmium (Customer Specification)
Chromium (Customer Specification)
Nickel (Customer Specification)

Heat Treating (AC7102 / AC7102S)

AC7102 - Cryogenic Treatment
Steels: (Normalize, Anneal, Stress Relieve or Temper), Customer Specifications
AC7101/3 - Materials Testing – Mechanical Testing
(A) RT Tensile Testing
AC7102/5 - Hardness: Vickers
AC7102/S - Supplemental Audit Criteria for Heat Treating
U00 None

NonDestructive Testing (AC7114 / AC7114S)

AC7114 - NDT Suppliers Accreditation Program Audit Criteria
AC7114S - S-U00 None
AC7114/1 - Liquid Penetrant Survey
AC7114/1S - S-U00 None
AC7114/2 - Magnetic Particle Survey
AC7114/2S - S-U00 None
AC7108/2 - Etching: Local (Swab) Etch, Nital

Surface Enhancement (AC7117)

AC7117/2 - Automated
AC7117/4 - Flapper
AC7117/5 - Manual

Messier-Dowty (Suzhou) Co. Ltd.
70 Qiming Street
Export Processing Zone B
Suzhou Industrial Park
Jiangsu 215021
P.R. China

Heat Treating, Nondestructive Testing, and Surface Enhancement

In recognition of the successful completion of the PRI evaluation process, approval is granted to this facility to perform the following:

Heat Treating (AC7102 / AC7102S)

- AC7102 - Stainless and PH Stainless Steels: AMS-H-6875 CL-D, AMS 2759-3 Steels: AMS 2759, AMS 2759/1, AMS 2759/2, Customer Specifications
Vacuum Heat Treating – Customer Specifications
- AC7102/2 - Aluminum Alloys – Customer Specifications
- AC7102/5 - Hardness Testing:
 - Rockwell
 - Vickers
- AC7102/S - Supplemental Audit Criteria for Heat Treating
U00 None
- AC7101/3 - Materials Testing – Mechanical Testing
(A) RT Tensile Testing
- AC7101/4 - Metallography and Microhardness
(L5) Near Surface Examinations – Microhardness
(L7) Near Surface Examinations – IGA/IGO

NonDestructive Testing (AC7114 / AC7114S) – Audit #129781 / #130408 (Etch)

- AC7114 - NDT Suppliers Accreditation Program Audit Criteria
- AC7114/S - S-U9 Hawker Beechcraft Corporation
- AC7114/1 - Liquid Penetrant Survey
- AC7114/1S - S-U9 Hawker Beechcraft Corporation
- AC7114/2 - Magnetic Particle
- AC7114/2S - S-U9 Hawker Beechcraft Corporation
- AC7108/2 - Etching: Nital, Temper

Surface Enhancement (AC7117)

- AC7117/2 - Automated
- AC7117/4 - Flapper

**Messier-Dowty Inc. (Toronto)
574 Monarch Avenue
Ajax
Ontario L1S 2G8
CANADA**

Coatings, Nondestructive Testing, and Surface Enhancement

In recognition of the successful completion of the PRI evaluation process, approval is granted to this facility to perform the following:

Coatings (AC7109) – Audit #129783

- AC7109/1 - Thermal Spray:
 - High Velocity Oxy Fuel (HVOF) / Detonation Gun Spray
- AC7109/5 - Coating Evaluation Laboratory Practices:
 - Bond Strength – Bend, Tensile
 - Metallography
 - Microhardness – Vickers
 - Residual Stress
 - Specimen Preparation
 - Surface Finish
 - Thickness – Mechanical, Metallographic
 - Visual - Microscopic

NonDestructive Testing (AC7114 / AC7114S)

- AC7114 - NDT Suppliers Accreditation Program Audit Criteria
- AC7114/S - S-U8 Airbus
 - S-U9 Hawker Beechcraft Corporation
 - S-U11 The Boeing Company
- AC7114/1 - Liquid Survey
- AC7114/1S - S-U8 Airbus
 - S-U9 Hawker Beechcraft Corporation
 - S-U11 The Boeing Company
- AC7114/2 - Magnetic Particle Survey
- AC7114/2S - S-U8 Airbus
 - S-U9 Hawker Beechcraft Corporation
 - S-U11 The Boeing Company
- AC7108/2 - Etching: Local (Swab) Etch, Nital, Temper

Surface Enhancement (AC7117)

- AC7117/1 - Computer Controlled
- AC7117/2 - Automated
- AC7117/4 - Flapper
- AC7117/5 - Manual