

Company Introduction

Primary activities (1/2)

- Design, installation, maintenance and overhaul, both in the workshop and on the field, of all electrical, electronic and electromechanical systems, or parts thereof, installed on fixed and rotary wing aircraft such as stabilization, navigation, radar, communications, electrical generation...



Primary activities (2/2)

- Sales of
 - Electro-avionic systems,
 - Measurement instruments (signal generators, voltmeters, etc.);
 - Test benches (Automatic and/or Manual for FLIR, IFF, ADF, etc.);
 - Rotor Analysis and Diagnostics Systems;
 - Web/satellite based Automated Flight Following systems with multiple mapping and data management;
 - Electric, electro-mechanic and electronic materials.



Hystoricals

- **Avionica SpA** was founded in **1989** in **Florence**, near to Peretola Airport, by a group of **passionate** people with a **strong aeronautic experience in management and technical-operational sectors**.
- Since 2015, the head office is located in Via Duca d' Aosta 20 - Florence , while the operational headquarters is located in the Airport of Capannori (LU) .
- **Stability** guaranteed to **Avionica SpA** **continuous growth** of its **capacities** and **professionalism** all along its over **25 years** of activity, as witnessed by its **numerous Customers**, their **satisfaction and fidelity** and by its important “**Capability List**” including more than **1000** items.
- Today, **Avionica SpA** is made of managers and engineers with **strong background, professionalism, competences and skills** who make Avionica SpA a **reliable reference** in its field of activity.



Avionica today



Avionica SpA
Company Introduction

Certificates (1/9)

E.N.A.C./E.A.S.A.

- **EASA PART 145 Maintenance Organization**
Approval Certificate reg. n. IT.145.0063
- **EASA PART 21 Design Organization**
Approval Certificate reg. n. EASA 21.J.226

ACCREDIA - RINA

- **Certifications EN 9100:2009 - ISO 9001:2008**
Certificate **ISO 9001:2008** n. 25867/12/S
Certificate **EN 9100:2009** n. AS/45/12/S
Certificate **EN 9110:2012** n. AS/47/12/S
Certificate **EN 9120:2009** n. AS/46/12/S




MINISTRY of DEFENCE

- **Certification AER-Q-2120 (AQAP-2120)**
Approval Certificate reg. n. 707
- **Qualified Supplier**
List of Suppliers reg. n. 009650
- **NATO CAGE Code: AH454**



Certificates (2/9)

Pag. 1/2

**Repubblica Italiana**
Stato membro dell'Unione Europea
(A Member of the European Union)

ENTE NAZIONALE PER L'AVIAZIONE CIVILE

**CERTIFICATO DI APPROVAZIONE
DELL'IMPRESA DI MANUTENZIONE**
(Maintenance Organisation Approval Certificate)

RIFERIMENTO (reference): IT.145.0063

In conformità al Regolamento (CE) No 216/2008 del Parlamento europeo e del Consiglio e del regolamento (UE) N. 1321/2014 della Commissione attualmente in vigore e fatta salva la condizione di seguito specificata, l'Ente Nazionale per l'Aviazione Civile certifica:
(Pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council and to Commission Regulation (EU) No 1321/2014 for the time being in force and subject to the condition specified below, the Ente Nazionale per l'Aviazione Civile hereby certifies.)

AVIONICA SpA
Sede Legale (Legal Address)
Via Duca D'Aosta, 20 - 50129 Firenze (FI) - Italy

in quanto impresa di manutenzione rispondente alla sezione A dell'Allegato II (parte 145) del regolamento (UE) N. 1321/2014, autorizzata ad eseguire la manutenzione di prodotti, parti e pertinenze elencate nella Specifica delle Abilitazioni allegata ed a rilasciare i relativi certificati di riabilitazione in servizio utilizzando i riferimenti che precedono, nonché, quando previsto, a rilasciare raccomandazioni e certificati di revisione dell'aeronavigabilità in seguito a una revisione dei cui al punto M.A.901, lettera I) dell'allegato I (parte M) del medesimo regolamento per gli aeromobili elencati nella Specifica delle Abilitazioni allegata.
(as a maintenance organisation in compliance with Section A of Annex II (Part-145) of Regulation (EU) No 1321/2014, approved to maintain products, parts and appliances listed in the attached approval schedule and issue related certificates of release to service using the above references and, when stipulated, to issue recommendations and airworthiness review certificates after an airworthiness review as specified in point M.A.901 (I) of Annex I (Part M) to the same Regulation for those aircraft listed in the attached approval schedule.)


CONDIZIONI
(Conditions)

- La presente approvazione è limitata a quanto specificato nella sezione relativa allo scopo dell'approvazione del manuale dell'impresa di manutenzione approvata di cui alla sezione A dell'Allegato II (Parte 145), e
(This approval is limited to that specified in the scope of work section of maintenance organisation exposition as referred to in Section A of Annex II (Part-145), and)
- La presente approvazione è subordinata al rispetto delle procedure specificate nel manuale dell'impresa di manutenzione approvata, e
(This approval requires compliance with the procedures specified in the approved maintenance organisation exposition, and)
- La presente approvazione è valida fintanto che l'impresa di manutenzione approvata è conforme all'Allegato II (Parte 145) del Regolamento (UE) N. 1321/2014.
(This approval is valid whilst the approved maintenance organisation remains in compliance with Annex II (Part-145) of Regulation (EC) No 1321/2014.)
- Fatto salvo il rispetto delle suddette condizioni, la presente approvazione rimane valida per una durata illimitata, fino a rinuncia, sostituzione, sospensione o revoca.
(Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval is surrendered, superseded, suspended or revoked.)

Data del primo rilascio: 15/02/2008
(Date of original issue)

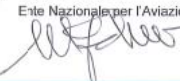
Data dell'ultima revisione: 02/02/2016
(Date of this revision)

Revisione n.: 3
(Revision No)

Firma: 
(Signed)

Il Direttore della Direzione Operazioni Centro
Carmela Tripaldi

Per l'autorità competente: Ente Nazionale per l'Aviazione Civile
(For the Competent Authority)



Bollo assoluto in modo virtuale
Aut. Direzione Reg. ENTRATE Lazio
n. 13501798 del 30/11/1998

Mod.3-145 AESA versione 3 (EASA Form 3-145 Issue 3)

Ottobre 2015

Pag. 2/2

**SPECIFICA DELLE ABILITAZIONI
DELL'IMPRESA DI MANUTENZIONE**
(Maintenance Organisation Approval Schedule)

Riferimento (Reference): IT.145.0063

Impresa (Organisation): AVIONICA SpA
Base
via Cavaliere del Lavoro Mario Carrara, 1 int.7
55012 Capannori LU
Italia

Classe (Class)	Abilitazioni (Rating)	Limitazioni (Limitation)	Base (Base)	Linea (Line)
AEROMOBILI - (AIRCRAFT)	A2 Velivoli di 5700 kg e inferiori - (Aeroplanes 5700 kg and below)	Interventi Avionici come da Capability List nel Manuale Approvato (Avionics Maintenance Tasks as per Approved Manual Capability List)	NO (NO)	SI (YES)
	A3 Elicotteri - (Helicopters)	Interventi Avionici come da Capability List nel Manuale Approvato (Avionics Maintenance Tasks as per Approved Manual Capability List)	NO (NO)	SI (YES)
COMPONENTI DIVERSI DA MOTORI COMPLETI O APU - (COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs)	C2 Impianto Autopilota - (Auto Flight) C3 Comunicazione e Navigazione - (Comms and Nav) C5 Impianto Elettrico e Luci - (Electrical Power & Lights) C13 Impianto di Indicazione - (Indicating - recording system)	Secondo Capability List riportata nel Manuale Approvato (As per Capability List detailed in Approved Manual)		

La presente approvazione è limitata ai prodotti, parti e pertinenze ed alle attività specificate nella sezione relativa allo scopo dell'approvazione del manuale dell'impresa di manutenzione approvata.
(This approval schedule is limited to these products, parts and appliances and activities specified in the scope of work section of the approved maintenance organisation exposition.)

Riferimento del Manuale dell'impresa di manutenzione: MOE, Edizione 5
(Maintenance Organisation Exposition reference)

Data del primo rilascio: 26/11/2004
(Date of original issue)

Data dell'ultima revisione approvata: 25/01/2016
(Date of last revision approved)

Revisione n.: 27
(Revision No)

Firma: 
(Signed)

Il Direttore della Direzione Operazioni Centro
Carmela Tripaldi

Per l'autorità competente: Ente Nazionale per l'Aviazione Civile
(For the Competent Authority)



Mod.3-145 AESA versione 3 (EASA Form 3-145 Issue 3)

Ottobre 2015

Avionica SpA
Company Introduction

Certificates (3/9)



APPROVAL CERTIFICATE

EASA.21J.226

Pursuant to Regulations (EC) 216/2008 and (EU) 748/2012 and subject to the conditions specified below, the Agency hereby certifies

AVIONICA S.p.A.

Via Duca d'Aosta 20
50129 Firenze - Italy

as a DESIGN ORGANISATION

approved according to Part 21, Section A, Subpart J.

CONDITIONS :

1. The approval is limited to that specified in the enclosed Terms of Approval, and
2. This approval requires compliance with the procedures specified in the Design Organisation Handbook, reference DOH Avionica Srl, in the latest revision, and
3. This approval is valid whilst the approved Design Organisation remains in compliance with Part 21, Section A, Subpart J.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid until surrendered or revoked.

For the European Aviation Safety Agency,
Date of issue: 20 October 2015

Dominique ROLAND
Head of Design Organisations Department



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Page 1 of 1

Terms of Approval

Design Organisation Approval Certificate

EASA.21J.226

1 Scope of approval

This Design Organisation Approval has been granted for:

- designing in accordance with the applicable type-certification basis and environmental protection requirements:
 - minor changes to aircraft related to electrical and avionics systems
 - minor repairs to rotorcraft related to structures, avionics installations, cabin interiors, airframe systems and powerplant
- demonstrating and verifying the compliance with the applicable type-certification basis and environmental protection requirements, and
- demonstrating to the Agency this compliance.

2 Categories of products

Small and large aeroplanes and rotorcraft.

3 List of products

[Not applicable]

4 Privileges

- a) The holder of this design organisation approval shall be entitled to perform design activities under Part21 and within its scope of approval.
- b) [Reserved]
- c) The holder of this design organisation approval shall be entitled, within its terms of approval and under the relevant procedures of the design assurance system:
 1. to classify changes to type design and repairs as "major" or "minor";
 2. to approve minor changes to type design and minor repairs;
 3. to issue information or instructions containing the following statement: "The technical content of this document is approved under the authority of DOA ref. EASA.21J.226";
 4. to approve documentary changes to the aircraft flight manual, and issue such changes containing the following statement: "Revision nr. xx to AFM ref. yyy is approved under the authority of DOA ref. EASA.21J.226."

5 Limitations

[See in 1, above]

- Repairs allowed on rotorcraft only

Date of issue: 20 October 2015

Dominique ROLAND
Head of Design Organisations Department

Avionica SpA
Company Introduction

Certificates (4/9)



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IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

CERTIFICATO N. 25867/12/S
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

AVIONICA S.P.A.

VIA DUCA D'AOSTA, 20 50129 FIRENZE (FI) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA DEL CASALINO SNC 55012 CAPANNORI (LU) ITALIA

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD
ISO 9001:2008

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

MANUTENZIONE E RIPARAZIONE DI SISTEMI AVIONICI, APPARECCHIATURE ELETTRICHE ED ELETTROMECCANICHE IMBARCATE SU AEROMOBILI E DI ATTREZZATURE ELETTROAVIONICHE. PROGETTAZIONE ED APPROVAZIONE DI MODIFICHE E DI RIPARAZIONI MINORI RELATIVE ALL'INSTALLAZIONE DI SISTEMI ELETTROAVIONICI SU AEROMOBILI. COMMERCIALIZZAZIONE DI SISTEMI AVIONICI, STRUMENTI DI MISURA, BANCHI PROVA E ATTREZZATURE DI SUPPORTO A TERRA.

EROGAZIONE DI SERVIZI DI TARATURA PER STRUMENTI DI MISURA ELETTRONICI, BANCHI PROVA ED ATTREZZATURE DI SUPPORTO A TERRA DESTINATI AD ATTIVITÀ PRODUTTIVE E MANUTENTIVE PER IL SETTORE AERONAUTICO, SPAZIO E DIFESA.

MANTENANCE AND REPAIR OF AVIONICS AND ELECTRICAL AND ELECTROMECHANICAL SYSTEMS INSTALLED ON AIRCRAFT AND OF ELECTROAVIONIC GROUND EQUIPMENT. DESIGN AND APPROVAL OF MINOR MODIFICATIONS AND REPAIRS RELATED TO INSTALLATION OF ELECTROAVIONIC SYSTEMS ON AIRCRAFT.

TRADE OF AVIONIC SYSTEMS, MEASURE/TEST AND GROUND SUPPORT EQUIPMENT. PROVISION OF CALIBRATION SERVICES FOR ELECTRONIC MEASURING INSTRUMENTS, TESTING AND GROUND SUPPORT EQUIPMENT USED FOR PRODUCTION AND MAINTENANCE ACTIVITIES FOR THE AERONAUTIC, SPACE AND DEFENSE SECTORS.

La validità del presente certificato è subordinata a sorveglianza periodica annuale / semestrale ed al riesame completo del sistema di gestione con periodicità triennale
The validity of this certificate is dependent on an annual / six monthly audit and on a complete review, every three years, of the management system
L'uso e la validità del presente certificato sono soggetti al rispetto del documento RINA: Regolamento per la Certificazione di Sistemi di Gestione per la Qualità
The use and validity of this certificate are subject to compliance with the RINA document: Rules for the certification of Quality Management Systems

Prima emissione First Issue	20.07.2012
Emissione corrente Current Issue	29.07.2015
Data scadenza Expiry Date	16.07.2018


Ing. Michele Francioni
(Chief Executive Officer)

RINA Services S.p.A.
Via Corsica 12 - 16126 Genova Italy

ACCREDIA
Ente Nazionale di Certificazione

MEMBER OF INTERNATIONAL
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CERTIFICATO N. AS/45/12/S
CERTIFICATE No.

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IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

AVIONICA S.P.A.

VIA DUCA D'AOSTA, 20 50129 FIRENZE (FI) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA DEL CASALINO SNC 55012 CAPANNORI (LU) ITALIA

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD
EN 9100:2009 / UNI EN 9100:2009

E VALUTATO SECONDO LE PRESCRIZIONI DELLA NORMA EN 9104-001:2013 E DEL REGOLAMENTO TECNICO ACCREDIA RT-18
ASSESSED ACCORDING TO EN 9104-001:2013 STANDARD AND TO THE REQUIREMENTS OF ACCREDIA TECHNICAL REGULATION RT-18

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

PROGETTAZIONE ED APPROVAZIONE DI MODIFICHE MINORI RELATIVE ALL'INSTALLAZIONE DI SISTEMI ELETTROAVIONICI SU AEROMOBILI. EROGAZIONE DI SERVIZI DI TARATURA PER STRUMENTI DI MISURA ELETTRONICI, BANCHI PROVA ED ATTREZZATURE DI SUPPORTO A TERRA DESTINATI AD ATTIVITÀ PRODUTTIVE E MANUTENTIVE PER IL SETTORE AERONAUTICO, SPAZIO E DIFESA.

DESIGN AND APPROVAL OF MINOR MODIFICATIONS RELATED TO INSTALLATION OF ELECTROAVIONIC SYSTEMS ON AIRCRAFT. PROVISION OF CALIBRATION SERVICES FOR ELECTRONIC MEASURING INSTRUMENTS, TESTING AND GROUND SUPPORT EQUIPMENT USED FOR PRODUCTION AND MAINTENANCE ACTIVITIES FOR THE AERONAUTIC, SPACE AND DEFENSE SECTORS.

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The validity of this certificate is dependent on an annual / six monthly audit and on a complete review, every three years, of the management system
L'uso e la validità del presente certificato sono soggetti al rispetto del documento RINA: Regolamento per la Certificazione di Sistemi di Gestione per la Qualità nel settore aerospaziale secondo il sistema EN 9100
The use and validity of this certificate are subject to compliance with the RINA document: Rules for the Certification of Quality Management Systems for the aerospace sector according to EN 9100 scheme

Prima emissione First Issue	20.07.2012
Emissione corrente Current Issue	29.07.2015
Data scadenza Expiry Date	16.07.2018


Ing. Michele Francioni
(Chief Executive Officer)

RINA Services S.p.A.
Via Corsica 12 - 16126 Genova Italy

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Avionica SpA
Company Introduction

Certificates (5/9)



CERTIFICATO N. AS/47/12/S
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

AVIONICA S.P.A.

VIA DUCA D'AOSTA, 20 50129 FIRENZE (FI) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA DEL CASALINO SNC 55012 CAPANNORI (LU) ITALIA

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD
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E VALUTATO SECONDO LE PRESCRIZIONI DELLA NORMA EN 9104-001:2013 E DEL REGOLAMENTO TECNICO ACCREDIA RT-18
ASSESSED ACCORDING TO EN 9104-001:2013 STANDARD AND TO THE REQUIREMENTS OF ACCREDIA TECHNICAL REGULATION RT-18

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

MANUTENZIONE E RIPARAZIONE DI SISTEMI AVIONICI, APPARECCHIATURE
ELETTRICHE ED ELETTROMECCANICHE IMBARCATE SU AEROMOBILI E DI
ATTREZZATURE ELETTROAVIONICHE.
PROGETTAZIONE DI RIPARAZIONI MINORI RELATIVE ALL'INSTALLAZIONE DI SISTEMI
ELETTROAVIONICI SU AEROMOBILI.

EA:19
EA:21
EA:34

MANTENANCE AND REPAIR OF AVIONICS AND ELECTRICAL/ELECTROMECHANICAL
SYSTEMS INSTALLED ON AIRCRAFT AND OF ELECTROAVIONIC EQUIPMENT.
DESIGN OF MINOR REPAIRS RELATED TO INSTALLATION OF ELECTROAVIONIC
SYSTEMS ON AIRCRAFT.

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aerospaziale secondo lo schema EN 9100.
The use and validity of this certificate are subject to compliance with the RINA document: Rules for the Certification of Quality Management Systems for the aerospace
sector according to EN 9100 scheme

Prima emissione
First Issue 20.07.2012

Emissione corrente
Current Issue 29.07.2015

Data scadenza
Expiry Date 16.07.2018

Ing. Michele Francioni
(Chief Executive Officer)



RINA Services S.p.A.
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800 N° 002 E 888 N° 001 C
800 N° 002 F 048 N° 002 G
800 N° 002 M

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Per informazioni sulla validità
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For information concerning
validity of the certificate, you
can visit the site
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CERTIFICATO N. AS/46/12/S
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

AVIONICA S.P.A.

VIA DUCA D'AOSTA, 20 50129 FIRENZE (FI) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

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ASSESSED ACCORDING TO EN 9104-001:2013 STANDARD AND TO THE REQUIREMENTS OF ACCREDIA TECHNICAL REGULATION RT-18

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

COMMERCIALIZZAZIONE DI SISTEMI AVIONICI, STRUMENTI DI MISURA, BANCHI PROVA
ED ATTREZZATURE DI SUPPORTO A TERRA

EA:21
EA:29

TRADE OF AVIONIC SYSTEMS, MEASURE/TEST AND GROUND SUPPORT EQUIPMENT.

La validità del presente certificato è subordinata a sorveglianza periodica annuale / semestrale ed al riesame completo del sistema di gestione con periodicità triennale
The validity of this certificate is dependent on an annual / six monthly audit and on a complete review, every three years, of the management system

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aerospaziale secondo lo schema EN 9100.
The use and validity of this certificate are subject to compliance with the RINA document: Rules for the Certification of Quality Management Systems for the aerospace
sector according to EN 9100 scheme

Prima emissione
First Issue 20.07.2012

Emissione corrente
Current Issue 29.07.2015

Data scadenza
Expiry Date 16.07.2018

Ing. Michele Francioni
(Chief Executive Officer)



RINA Services S.p.A.
Via Corsica 12 - 16128 Genova Italy

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800 N° 002 M

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IO Net, the association of the world's first
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del certificato, visitare il sito
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Avionica SpA
Company Introduction

Certificates (6/9)



MINISTERO DELLA DIFESA
Segretariato Generale della Difesa e Direzione Nazionale degli Armamenti
DIREZIONE DEGLI ARMAMENTI AERONAUTICI

ATTESTATO DI RICONOSCIMENTO
(Rilasciato ai sensi del DPR 15/03/2010 n°90, DPR 15/12/2010 n°270 e D.M. 22/06/2011 Art.14)

N°665

*Il Sistema Qualità della Ditta **AVIONICA SpA** operante presso lo stabilimento di **FIRENZE** è stato riconosciuto rispondente ai requisiti stabiliti dalla Norma*

AER-Q-2120 (AQAP-2120)

Installazione, revisione, riparazione e manutenzione di sistemi avionici, apparecchiature elettriche ed elettromeccaniche imbarcate su aeromobili e di attrezzature elettroavioniche. Commercializzazione di sistemi avionici, strumenti di misura, banchi prova e attrezzature di supporto a terra.

Il presente riconoscimento :

- Viene rilasciato ai sensi della Norma AER-Q-2100;
- È revocabile in caso di inadempienze alla precitata Norma;
- Ha validità di tre anni a partire dalla data del 28/09/2012;

La Ditta AVIONICA SpA risulta iscritta per la prima volta nel registro dei Fornitori riconosciuti dal 24.09.2009.

IL VICE DIRETTORE TECNICO
Gen. Isp./G.A. LANGELLA Ing. Francesco

Esemplare per la Ditta

Avionica SpA
Company Introduction

Certificates (7/9)

GUARDIA di FINANZA

- **Qualified Supplier** - List of Suppliers reg. n. 1201

PIAGGIO AERO INDUSTRIES

- **Qualified Supplier** - Approval certificate n. 2015/23

AGUSTA WESTLAND SpA

- **Qualified Supplier** - Statement of approval n. A/0092

ALENIA AERONAUTICA SpA

- **Qualified Supplier**

GALILEO AVIONICA SpA

- **European Aerospace Supplier** –
State of Assessment AECMA/EASE 9100 n. 11194

ALITALIA

- **Qualified Supplier** - List of Suppliers reg. n. 212217

MERIDIANA

- **Qualified Supplier** - “Type T” (Tools and Eq. Adjustment)
Approval certificate n. T002

AIR ITALY

- **Qualified Supplier** - “Tool stations reappear and calibration
Approval certificate n. SAC 143 Rev. 0



Certificates (8/9)

DICHIARAZIONE DI APPROVAZIONE
STATEMENT OF APPROVAL

N° : A/0092

Il Sistema Qualità della Ditta: **AVIONICA S.p.A.**
The Quality System of the Company:

Stabilimento: **VIA BARACCA, 233/1 - 50127 FIRENZE**
Plant:

È stato approvato come soddisfacente ai requisiti di classe: E
was recognized as meeting the requirements for class:

Espressi dal Manuale "Requisiti Qualitativi per i Fornitori"
In accordance with "Quality Requirements for Suppliers" Manual

Campo di Applicazione: **941 / 941-A (Manutenzione e Revisione di Avionica & Strumenti)**
Scope of Approval:

Limitazioni: //
Limitations:

Data Emissione
issue Date
02 Maggio 2011

Valutatore
Auditor

A. Frigerio
A. Frigerio

Supplier Quality Assurance

R. Barotie
R. Barotie

Questa dichiarazione continuerà ad essere valida salvo sia cancellata, sospesa o revocata.
This statement unless cancelled, suspended or revoked shall continue in effect indefinitely

 **AgustaWestland**
A Finmeccanica Company


PIAGGIO
AEROSPACE

Attestato di Riconoscimento
Approval Certificate

N° 2015/23

Conferito alla Ditta
Issued to the Company

AVIONICA S.p.A.

Con stabilimenti situati in
Whose business address is

Via Duca D'Aosta, 20 - FIRENZE

A seguito delle valutazioni eseguite, il Vostro Sistema per la Qualità è stato ritenuto rispondente ai requisiti del documento Piaggio DQ.1.06. La Vostra Ditta, pertanto, è autorizzata ad operare per Piaggio Aerospace come:
Following the evaluation performed, your Quality System has been found in accordance with Piaggio document DQ.1.06. The aforementioned Company, therefore, is authorized to operate for Piaggio Aerospace as:

FORNITORE QUALIFICATO
Qualified Supplier

Per le seguenti attività:
For the following activities:

Commercializzazione componentistica elettronica e attività di manutenzione

L'approvazione è valida sino alla data di scadenza a meno di sospensioni o revoche
This approval is valid until expire date unless suspension or revocation occurs

Piaggio Aerospace
Auditor

Claudio Rebella
Claudio Rebella

Piaggio Aerospace
Qualità Fornitori/Suppliers Quality

Pietro Celada
Pietro Celada

Data primo rilascio : 15/07/2009
First issue date

Data scadenza : 03/12/2018
Expire date

Villanova d'Albenga: 21/12/2015

Mod. P010_ed_1

Avionica SpA
Company Introduction

Certificates (9/9)

<p>QUALIFICATION CERTIFICATE SUPPLIER TYPE "T" (Refer to MOE Paragraph 2.1)</p> <p>~~~~~</p> <p>Maintenance</p> <p> Meridiana</p> <p>hereby grants to</p> <p>AVIONICA S.p.A.</p> <p>the right to be qualified as Tool/Equipment (ENAC or ACCREDIA approved Organizations) included in its "Qualified Supplier List" for the following scope:</p> <p><input type="checkbox"/> Software Provider and Data Management</p> <p><input checked="" type="checkbox"/> Tools and Equipments Adjustment</p> <p>This Certificate n° T002 issued on 11th November 2013 shall continue in effect unless sooner suspended or revoked or as long as the duration of the agreement (as per MOE Paragraph 2.1)</p> <p>The Quality Assurance Manager <i>F. Caronti</i></p>

<p></p> <p>ENAC AMO No. IT.145.0331</p> <p>SUPPLIER APPROVAL CERTIFICATE</p> <p>N° SAC 143 Rev. 0</p> <p>Air Italy S.p.A. in exercising the authority granted by ENAC/EASA Approval No. IT.145.0331 has added to its list of Approved Supplier Organisations:</p> <p>AVIONICA (hereafter referred to as "AVIONICA")</p> <p>AVIONICA is recognised as supplier of:</p> <ul style="list-style-type: none">• Tool stations repair and calibration <p>This approval is valid whilst the organisation remains in compliance with requirements as per Air Italy procedures and standard.</p> <p>This approval shall have effect from the issue date and shall remain valid until the agreement between Air Italy and AVIONICA is terminated.</p> <p>This approval is subject to a positive result from the periodical audits/reviews conducted by Air Italy Quality Assurance department and can be revoked at any time, if any of the above conditions are not fulfilled.</p> <p>QUALITY MANAGER </p> <p>Gallarate, 12/16/2013</p> <p>Form 421 Rev B dated 15/10/2009</p>

Avionica SpA
Company Introduction

Major Customers



Avionica SpA
Company Introduction

Activities in detail (1/11)

Avionica SpA, thanks to its **special agreements with manufacturers**, its vast **experience** and its **very high quality and technical standards**, is able to **guarantee to its Customers very competitive economic conditions and TAT for the overhaul, maintenance, repair, installation and modification of:**

- a) Radar Searching Systems
- b) Airborne Navigation Radar Systems
- c) Weather Radar Systems
- d) Quote Radar Systems
- e) Airborne Transceiver Systems (HF, VHF, UHF)
- f) Airborne Radio Navigation Systems (ADF, NAV, GPS, LORAN, OMEGA, MLS, TACAN, DME, etc.)
- g) Attitude and Flight Direction Systems
- h) Navigation Instruments (HSI, RMI, CDI, ADI, etc.)
- i) EFIS Systems
- l) Anemobarometric Instruments
- m) Engine Instruments (ITT, NG, etc.)
- n) Simulators



Activities in detail (2/11)

Avionica SpA, thanks to the **special commercial agreements** in force with **main sector manufacturer**, can assure to its Customers **very competitive economic conditions and delivery time** also for the supply of:

- a) Avionic Systems
- b) Navigation Systems
- c) NAV, Anemobarometric, Engine Instruments
- d) EFIS Systems
- e) Ramp Test
- f) Measuring Instruments
- g) Simulators
- h) Automatic and/or Manual Test Benches
- i) Software for workshop/technical administration program
- l) RADS-AT basic equipments and kit for evaluation of vibration levels
- m) Web/satellite based Automated Flight Following systems with multiple mapping and data management
- n) Systems, accessories and lighting for heliports

All supplied equipments are checked in detail before delivery in conformity to the highest technical standards and law requirements.

Avionica SpA
Company Introduction



Activities in detail (3/11)

Major represented manufacturer

Honeywell

BENDIX/KING

**Rockwell
Collins**



TECHNISONIC



Avionica SpA
Company Introduction

Activities in detail (4/11)

Major represented manufacturer

- **HONEYWELL (BENDIX/KING)** « **Repair Station** »
- **ROCKWELL COLLINS** « **Service Agency** »
- **GENERAL ELECTRICS (RADS-AT)** « **Dealer** »
- **FEC** « **Dealer** »
- **TELEPHONICS** « **Exclusive Repair Station** »
- **LATITUDE TECHNOLOGIES** « **Exclusive Dealer** »
- **AVLITE e SEALITE** « **Dealer** »
- **TECHNISONIC** « **Dealer** »
- **DAVTRON** « **Dealer** »

Activities in detail (5/11)

Field assistance:

- a) Application and modifications (AD, PT, SB, etc.)
- b) Mandatory or otherwise periodical controls on all avionic systems (COMM/NAV, IFF, Radar/Radio Alt., DME, etc.) anemo-barometric systems (Altimeters, Anemometers, Variometers, in particular with reference to the application of the FAR 43 app.e/EA 43.4 for al Manufacturers) and FLIR.
- c) Troubleshooting

Support and assistance are
guaranteed within 48 hours
from the call in any location
throughout Italy



Avionica SpA
Company Introduction

Activities in detail (6/11)

Test benches

- **Automatic, semi-automatic and manual test benches (III level maintenance) for the following lines:**
 - **COLLINS:** Microline, Proline II even on Bus 429, Radar, Radio Altimeters, D.G. and V.G., Navigation Instruments.
 - **KING:** Silver Crown, Gold Crown even on Bus 429, Radar, Radio Altimeters, Air instruments, Alt. Code, Vertical Gyro, Directional Gyro, Navigation Instruments, EFIS-40/50, FMS, Omega, Loran, GPS.
 - **BENDIX:** Serie III, Radar, Radio Altimetri, EFIS-10.
 - **HONEYWELL:** Radar, Vertical Gyro, Directional Gyro, ADI, HSI, Radio Altimeters.
- **Ramp Test benches for field control of anemobarometric instruments as requested by Airworthiness Authority for all Manufacturers.**

Activities in detail (7/11)

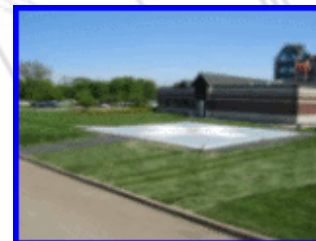
DESIGN and INSTALLATIONS:

With DOA Certification (EASA Part 21) Avionica SpA is able to classify, design and approve minor modifications and/or repairs on aircrafts A3 (helicopters) and A2 (airplanes).

- **Two options are available:**
 - **Avionica undertakes the study of the project, including technical drawings and, upon completion of the installation, delivers the aircraft to customer “ready to fly”**
 - **the installation project is completed using the manufacturer’s drawings**
- **Avionica SpA will communicate to the Customer any possible future modification or evolution of the original design.**
- **Installations and modifications can be carried out either at Tassignano Airport (Lucca), or any other locations provided it is adequate to Avionica’s standards.**

Activities in detail (8/11)

Avionica SpA is able to **design** rooftop and ground **helipads** for **night and day operations**, in line with prescriptions set into “D.M. Infrastrutture 01-02-06” and to **supply a complete line of systems, accessories and lighting** for heliports; moreover is able to **design meteo stations** with advanced HW/SW features, even with remote control, in compliance with customer's needs.



Activities in detail (9/11)

Avionica SpA is distributor for Italy of **AVLITE**, a leader company in manufacturing of innovative and advanced **solar powered aviation lights** for **airports** and **helipads**, all certified under ICAO technical requirements.

Avionica SpA can **design** and **supply complete lighting systems** for **airports** and **heliports** that are the ideal solution where conventional plants are difficult to realize and/or have high installation costs, to satisfy temporary needs or to introduce redundancy in conventional existing plants.

AVLITE products also include **advanced performance devices** able to meet **very specific needs** (RF remote control, GPS synchronized and programmable flashing codes, automatic night activation, computer integrated remote control ecc.) as well as severe and special **military requirements** (IR/Visible selectable lighting, encrypted RF remote control, etc.)



Avionica SpA
Company Introduction

Activities in detail (10/11)

Avionica SpA is distributor for Italy of **SEALITE**, a leader company in manufacturing of top quality leading-edge **solar powered marine aids to navigation**, certified under IALA and USCG standards.

Basing on SEALITE's devices and buoyage systems, Avionica SpA it is able to **design** and **supply** complete solutions for lighting, nighttime signaling and navigation safety enhancement for **merchant and military ports, marinas, off-shore oil plants, docks and berths** in general, **navigable channels, narrow/dangerous waters** and signaling of any kind of **obstacles to the navigation**. Thanks to the unique characteristics of **SEALITE** products, Avionica is also able to propose very efficient solutions where conventional plants are difficult to realize and/or have high installation costs, to satisfy temporary needs or to introduce redundancy in conventional existing plants.

SEALITE products also include **advanced and special performances devices** able to meet **very specific needs** (RF remote control, GPS synchronized and programmable flashing codes, automatic night activation, computer integrated remote control ecc.) as well as severe and special **military requirements** (IR/Visible selectable lighting, encrypted RF remote control, etc.)



Avionica SpA
Company Introduction

Activities in detail (11/11)

Thanks to its **technical capabilities**, the **agreements in place with major manufacturer**, its **high quality organization** and its **wide experience**, Avionica SpA always provides an efficient **after sales support** for all supplied services and products continuously assisting its Customers with **professionalism, competence, proficiency and short reaction time** and is able to provide specific **logistic support services for maintenance and manufacturing**.



Avionica SpA
Company Introduction

Release documents (1/3)

MAINTENANCE, REPAIR and CONTROL

Avionica SpA issues the following documents:

- a) **Mod. EASA Form 1, or Stanag 4107, or Certificate of Conformity**, as requested by the Customer
- b) **Work Report**
- c) **Copy of the Test Report (when requested)**
- d) **Maintenance Report**

**All documents and drawings, except the Test Reports,
are issued through the Industrial Informatic System**

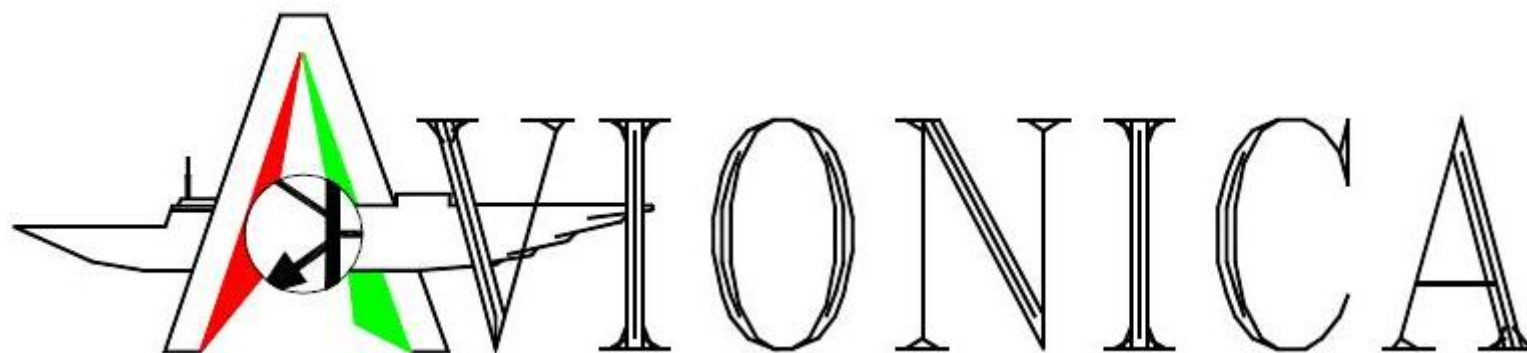
		Distributore Autorizzato Via E. Belfiore, 201 - 20127 Firenze - Tel. 055/3041473 c.a. - Fax 055/3041475 www.avionica.it - info@avionica.it Codice Fiscale/Patente/Autorizzazione Registro Imprese n. 04102350489 - R.E.A. Firenze A/23386		REPAIR REPORT A05083/2	
		PART NUMBER 17MW001-2		RECEIVING Date Received martedì 27 dicembre 2005	
Serial Number 3012		Customer Name AGUSTA SpA / Somma Lombardo			
Type AFN 198		Cust. Order Number 46260031/31A			
Function RECEIVER/TRANSMITTER		Warranty No		Certificate of Conf. N° 1/44 STANAG	
Customer Reasons/Removed/Instructions "dopo 20' perde il "TRACK". Mod Status IN _____ Receiving Inspector Salvatore Grieco					
RECORD INSPECTION, TEAR DOWN Initial Findings Accettazione: Ispezione visiva e test go-no-go: condizione di Track, instabile nel tempo. Description of Repair Eseguiti il test di accettazione e il disassemblaggio dell'unità. Eseguite l'ispezione e la pulizia delle parti circuitali. Eliminato il difetto riscontrato, eseguendo l'allineamento della Cavità Risonante Y1 nel Modulo Ricettore A4. Eseguiti il riassetto, la taratura e la chiusura. Effettuato il controllo finale al Banco in conformità al MTCEN0085 Ed. Ott/84, con esito favorevole.					
RETURN TO SERVICE The product described herein has been repaired, tested and released in accordance with Manufacturer specifications. Mod Status Out _____ Name Luca Rigotto Date 14/02/2006 Stamp Signed _____					
Guarantee The supplier agrees that it will correct, without charge, any defect which is related to the original repair work performed, provided the customer gives the supplier prompt written notice of such defect and the equipment involved is returned to the supplier's designated repair shop was performed. The period of the guarantee in the servicing of the product shall be 12 months from date of delivery. Failure which are caused by accessories, operators, customer damage/wear, shipping or handling damage or exposure to environmental conditions in excess of those published in the equipment specification are not covered by the guarantee.					

Release documents (3/3)

DESIGN and INSTALLATIONS

Avionica SpA issues the following documents:

- a) **Installation Bulletin** (approved by EASA).
- b) **Installation drawings** (approved by EASA).
- c) **Certificate of Conformance** for all installed items.
- d) **List of installed equipments:** type, P/N, S/N, weight, arm and moment.
- e) **Maintenance Declaration.**
- f) **Flight Manual Supplements.**



EASA Parte 145, EASA Parte 21, EN 9100:2009, EN 9110:2012, EN 9120:2009,
ISO 9001:2008, AQAP-2120, AER-Q-2120

...since 1989