



MINISTRY OF DEFENCE
SECRETARIAT GENERAL OF DEFENCE AND NATIONAL ARMAMENTS
DIRECTORATE OF AIR ARMAMENTS AND AIRWORTHINESS

NATO AGS
RQ-4D AIR SEGMENT
PERIODIC INSPECTION CERTIFICATES

LIST OF EFFECTIVE PAGES

ATTENTION: This regulation is valid only if it made of the pages listed below, duly updated.

Copy of this Technical Publication may be found at the address:

http://www.difesa.it/SGD-DNA/Staff/DT/ARMAEREO/Biblioteca/Pagine/default_.aspx

The issue dates of the original and amended pages are:

Original 0 ... dated 25/03/2019

This regulation consists of 7 pages as specified below:

Page N.	Amendment N.
Frontpage.....	0
A.....	0
i.....	0
pag. 1 - 4.....	0

INDEX

1.	INTRODUCTION.....	1
1.1	General.....	1
1.2	Overview.....	1
1.3	Aim.....	1
1.4	Applicability.....	1
1.5	Validity.....	1
1.6	Related Documentation.....	1
1.7	Definitions.....	2
2.	PERIODIC INSPECTION CERTIFICATES.....	2
2.1	Requirements.....	2
2.2	Preparation and approval of the Periodic Inspection Certificates.....	3
2.3	Substitutive Declaration of the inspection certificates.....	3
2.4	Storage of Inspection Certificates and Substitutive Declarations.....	4

1. INTRODUCTION

1.1 General

The AER.00-1-63 “*Certificati delle Ispezioni Periodiche –Tutti i Tipi di Aeromobili*” is the Italian regulation concerning the Periodic Inspection Certificates applicable to the military aircrafts. This tailored regulation has been developed to address NATO AGS Air Segment peculiarity.

1.2 Overview

The NATO AGS RQ-4D Air Segment Periodic Inspection Certificates shall contain:

- all the operations of Periodic Inspections required by the applicable Technical Manual;
- all the Service Bulletins (SB) whose execution time limits fall within the type of inspection to be performed;
- all not scheduled maintenance tasks, even those with deferred execution, that are executable during this type of inspection;
- all inspections and mandatory replacements of parts whose execution can occur during or in conjunction with the inspection to be performed;
- any other tasks required by the manuals and by the characteristic documentation.

1.3 Aim

The aim of this Technical Publication (TP) is to prescribe the main requirements to be met by the NATO AGS Air Segment Periodic Inspection Certificates and related procedures and responsibilities for their preparation, approval, filling in and storage. For newly acquired aircraft, pending the preparation and validation of the inspection certificates, it is required the adoption of "Substitutive Declaration of the Inspection Certificate".

1.4 Applicability

This regulation is applicable to the NATO AGS Air Segments that are registered in the Italian Military Aircraft Registry under D.A.A.A. responsibility.

1.5 Validity

This regulation shall come into effect as of its approval date.

1.6 Related Documentation

- | | |
|------------------------|---|
| A. AER(EP).00-1-63 | <i>Certificati delle Ispezioni Periodiche –Tutti i Tipi di Aeromobili</i> |
| B. AER(EP).0-0-2/RQ-4D | NATO AGS RQ-4D Air Segment and Pilot Trainer Definition and Regulation of the D.A.A.A. System for Handling Technical Publications |

	Aircraft Maintenance Training Organisations
C.AER(EP).00-1-24//RQ-4D	NATO AGS RQ-4D Air Segment Continuing Airworthiness Records - Air Vehicle Mission Command & Control, Deployable UAV Control Element, Unmanned Air Vehicle and Engine Logbooks
D.AER(EP).00-00-5/RQ-4D	NATO AGS RQ-4D Air Segment And Pilot Trainer Configuration Control. Preparation, Assessment and Approval of Configuration Changes for the Continued Airworthiness Implementation

1.7 Definitions

Refer to AER(EP).0-0-2/RQ-4D, Annex VI for the general definitions.

2. PERIODIC INSPECTION CERTIFICATES

2.1 Requirements

The NATO AGS Air Segments Periodic Inspection Certificates shall:

- a. Identify the date and location where the inspection is carried out and list in detail and in an appropriate sequence, all the operations, work, inspections, changes and replacements of parts.

The list shall be a practical and easy-to-use checklist associating operations to the category of maintainer that has to execute them.

- b. Allow to keep the list timely updated, entering all the additions and changes required by the updates of the applicable Technical Manual and/or SBs.

To this end, each inspection certificate shall contain one or more record sheets of certificate updates, which shall contain the following:

- Date and location of the update;
- Identifier of the specific operation;
- Reference to the Technical Manual and/or SB;
- Identification and signature of the operator who updates the certificate.

- c. Contain:

- the following statement: "This certificate is complete with all the additions and changes mandate by the current Technical Manual and/or SBs".
- a dedicated field to be signed by the Maintenance Officer who, before starting the inspection, has to perform the verification for the certificate update.

NOTE

The date of the declaration shall match the start date of the inspection, except for activities performed outside of the base of the Unit where the Air Segment is normally maintained.

If after the previously mentioned statement, an immediate or urgent SB is received, the periodic inspection certificate shall be updated by the Maintenance Officer and applied during the inspection itself.

If during inspection a routine SB is received, the Maintenance Officer, based on introduction time limits, amount of required working hours and inspection progress, can decide whether or not to apply it during the inspection itself.

- d. Allow, at any time, to identify the maintainer who performed the maintenance task. At this end, the maintainer, next to maintenance task listed in the certificate, shall date and initialize the relevant field.

The initials certify that the maintenance task has been carried out and all findings have been solved.

Any operations not performed, either because not applicable on the specific Air Segment or because they have to be deferred, shall be marked respectively with "N/A" or "Def." and signed by the Maintenance Officer.

Each periodic inspection certificate, shall include the list "Composition of the Team" with the following details relevant to the maintainer:

- Subject Matter Expert (SME)/trade;
- Rank, Last Name and First Name;
- Signature;
- Initial.

Moreover, it is also recommended that the NATO AGS Air Segments Periodic Inspection Certificates indicates the operations required in a logical sequence, to support the organization of the work. Therefore, it may differ from the order in which they are listed in the Technical Manuals.

NOTE

At the end of the inspection, it shall be recorded on the specific logbook according to the provisions of AER(EP).00-1-24/RQ-4D regulation.

2.2 Preparation and approval of the Periodic Inspection Certificates

The inspection certificates shall be prepared and approved by Maintenance Organizations. In any case it shall be ensured that all requirements defined by this regulation are observed and the template layout is maintained over the time.

2.3 Substitutive Declaration of the inspection certificates

For newly produced Air Segment if the periodic inspection Certificate is not available it is possible to produce and compile a "Substitutive Declaration of the Inspection Certificate" reporting the inspection peculiar elements including:

- type of inspection;
- expiration time of the inspection;

- inspection execution starting and ending time;
- reference to the applicable Technical Manual with relevant issue;
- declaration of all maintenance tasks execution in accordance with the updated Technical Manual at reference and the applicable SBs received before the execution ending time;
- eventual operations not performed because not applicable or deferred;
- declaration concerning the inspection findings closure;
- Maintenance Officer Signature.

2.4 Storage of Inspection Certificates and Substitutive Declarations

After their completion, the certificates and substitutive declarations shall be stored in dedicated folders specific for each aircraft (S/N), at the Maintenance Organization.

In case of the aircraft is transferred to another Unit, the folders containing the periodic inspection certificates (and/or the substitutive declarations) shall be sent to the receiving Unit.