



MINISTRY OF DEFENCE

**Secretariat General of Defence and National Armaments Directorate
Directorate of Air Armaments and Airworthiness**

PICKING OF PARTS FROM SYSTEMS AND THEIR USE AS SPARE PARTS FOR OTHER SYSTEMS

NOTE

This Technical Publication (TP) cancels and replaces its previous edition
dated 01 June 2005

Basic Edition: 25th March 2019

English Edition: 25th March 2019

LIST OF EFFECTIVE PAGES

ATTENTION: This regulation is valid if composed by the pages listed below, duly revised.
Copy of this regulation can be obtained from the following 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.....of 25/03/2019

This regulation consists of a total of 6 pages as specified below:

Page N°	Amendment N°
Frontpage.....	0
A.....	0
i.....	0
pag. 1 - 3.....	0

INDEX

1. GENERAL.....	1
1.1 INTRODUCTION.....	1
1.2 Aim	1
1.3 Applicability	1
1.4 Validity.....	1
1.5 Definitions	1
2. INSTRUCTIONS	2
2.1 Authorization to Parts Picking/Reinstallation	2
2.2 Criteria for Picking/Reinstallation of Parts	2
2.3 Prohibition of Picking/Reinstallation of Parts	3

1. GENERAL

1.1 INTRODUCTION

Picking of parts from a system, their monitoring, transfer and reinstallation on another system involves greater use of the available maintenance resources and, if not carefully performed, can cause damage to the material, even not immediately identifiable. Moreover, the routine to resort to this practice, if not properly regulated, may determine, over time, errors in the management of the material and have a negative effect on logistics, accounting and traceability of the material. With regard to the above, removal/reinstallation has to be considered "exceptional actions" and as such shall be subject to checks and recordings so as to have available the historical situation of the movements carried out.

1.2 Aim

This Technical Publication (TP) regulates the transfer of parts from one system to another when it is necessary to promptly restore the efficiency of a system or its operational capability and no alternative solution has been found applicable.

1.3 Applicability

The requirements of this regulation shall be applied by Armed Force (AF), State Corp (SC), or Company Organizations that perform maintenance of systems under D.A.A.A. responsibility.

1.4 Validity

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

This TP cancels and replaces its previous edition dated 01 June 2005.

1.5 Definitions

All the abbreviations, acronyms and terms in the TP AER.Q-2010 apply to this TP.

2. INSTRUCTIONS

2.1 Authorization to Parts Picking/Reinstallation

When the picking/reinstallation of parts requires the work of a single AF/SC Maintenance Organization, the activity shall be authorised by the Head of the AF/SC Maintenance Organization and carried out under its control and its direct responsibility. The Head of the AF/SC Maintenance Organization shall ensure compliance with the instructions contained in the applicable regulations relating to removal, installation and functional test to be performed in accordance with the relevant technical manuals.

When the picking/reinstallation of parts requires the work of two AF/SC Maintenance Organizations (one for the system from which the part is picked out and one for the system where the part is to be used), the operation shall be authorised by the Director of the AF/SC Maintenance Department of the affected system that will evaluate the logistical aspects. In this case, the Heads of the AF/SC Maintenance Organizations will be exclusively responsible for the correct execution of the operations of removal and replacement and functional test.

When picking/reinstallation of parts require the work of the Company (a single Company, two Companies or a Company and an AF/SC Maintenance Organization), the operation shall be authorised by the Maintenance Organization/Contracting Authority.

2.2 Criteria for Picking/Reinstallation of Parts

The picking/reinstallation of parts can be performed when all the following circumstances occur:

- the urgent need to have a item to restore the efficiency or the operational capability of a system;
- alternative solutions are not applicable;
- the unavailability of the concerned item or its delivery date does not allow to meet the efficiency requirement or the operating capability of the system within the required timeframe;

and the following criteria have been carefully applied:

- perform all the activities in compliance with the applicable technical regulations;
- do not pick out parts from a system in an uncontrolled manner (i.e. without proper impact assessment), to avoid making it permanently unserviceable;
- do not pick out parts:
 - not having a defined service life (either calendar time, Limite Impiego Calendariale (LIC), and/or flight / operating hours, Limite Ore

- Funzionamento (LOF)) and subject to periodic inspections/overhaul together with the system on which they are installed; or
- subject to periodic or special inspections based on system flight hours; unless these parts are accompanied by characteristic documentation (logbooks, log cards, etc.) which clearly show the expiration of the required maintenance tasks and the actual use of the system;
 - record the movements on the specific characteristic documentation (logbooks, log cards, etc.) as required by the specific regulations.

2.3 Prohibition of Picking/Reinstallation of Parts

Picking/reinstallation of primary structures is only allowed when it affects primary structures monitored with Log cards (e.g.; stabilizer) and for which the service life limit has been defined (LIC/LOF/Fatigue Life). In addition, for the primary structures subject to fatigue, the picking/reinstallation is allowed when these parts are also provided with specific templates recording the identified load factors, as required by a dedicated Technical Prescription. These templates shall be sent to the SDR (for calculation as a percentage of the equivalent hours used/remaining).

In all other cases (unmonitored primary structures such as spars, stringers, attachment points with the structure of the aircraft etc.) the picking/reinstallation activity is forbidden and any exceptions can be granted only under the authorizations provided by the SDR and endorsed by the DAAA.

The picking/reinstallation of parts is forbidden also when dealing with systems involved in accidents for which it is not possible to perform in-depth checks and which do not have the authorization of an appropriate/relevant Technical Department.