

SERVICE BULLETIN

Reference:	342-49-051 – SERVICE BULLETIN
Title:	Update of mandatory scheduled inspection on critical parts
Issue number:	001
Issue Date:	27-apr-2023

Responsible Partner Company: A0126

Originator: F1989

Category: 3 - Recommended

Applicability: All

Related SB: 342-49-050

Related Documents: None

Accomplishment: Once only Recurring

Planned to be incorporated in Technical Publications: Yes No

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1. Revision information

Issue	Date	Reason for update
001	27-apr-2023	Original issue

2. Planning information

2.1. Applicability

This Service Bulletin (SB) is applicable to all APU power plant fitted on Leonardo Helicopters AW189/AW149 helicopters.

2.2. Reason

The purposes of this modification is to update the mandatory scheduled inspection on critical parts (chapter 4 – Airworthiness limitations in the maintenance manuals)).

The purpose of this Service Bulletin is to introduce modifications n°342/419.

2.3. Description

The magnetic particle inspection check for rear engine mount is a mandatory scheduled inspection, currently defines to be performed at each engine overhaul review in the Maintenance Manuals.

The Service Bulletin modifies:

- the periodicity of this mandatory scheduled inspection from “At each engine overhaul review” to “At each engine ML3 return in MRO (unscheduled/scheduled maintenance)”,
- the type of inspection from “Magnetic particle inspection check for rear engine mount” to “Magnetic particle inspection check or S4 Fluorescent Penetrating Inspection on rear engine mount without fittings (part number E341-01-239)”.

The chapter 4 – Airworthiness limitations of the maintenance manual will be modified as follow:

3.2 Mandatory scheduled inspection

Refer to [Table 3 — Mandatory scheduled inspection](#).

Table 3 Mandatory scheduled inspection

Periodicity	Maintenance task title	Task number
50 flight hours	APU rear mount Detailed inspection	89-A-49-12-01-00A-31AA-A
At each engine ML3 return in MRO	Magnetic particle inspection or S4 Fluorescent Penetrating Inspection on rear engine mount without fittings (part number E341-01-239)	Performed regardless of the reason for ML3 return

This information will be introduced in the next issue of the maintenance manual.

2.4. Compliance

2.4.1. Compliance category

Comply with compliance category 3 - Recommended

2.4.2. Time of compliance

The new periodicity and the new type of inspection are applicable upon receipt of this Service Bulletin.

SERVICE BULLETIN**342-49-051****2.5. Approval**

The technical content of this document is approved under the authority of DOA No. EASA 21J214.

2.6. Manpower

Not applicable.

2.7. Material

Not applicable.

2.8. Tooling

Not applicable.

2.9. Weight and balance

The weight is not affected.

The centre of gravity is not affected.

2.10. Publication affected

DT 13-01 – Maintenance Manual ML1&2

DT 13-02 – Engine Manual ML3

2.11. Previous modifications

Not applicable.

3. Accomplishment Instructions

Not applicable.

4. Material information**4.1. Support equipment**

Not applicable.

4.2. Material requirements

Not applicable.

4.3. List of components

Not applicable.

4.4. Interchangeability

Physical interchangeability: Not affected

Functional interchangeability: Not affected

Restriction of mixability: No restriction

SERVICE BULLETIN**342-49-051****4.5. Parts disposition**

Not applicable.

4.6. Procurement conditions

Not applicable.

END OF SERVICE BULLETIN