



WORK REPORT

A/C REG	: N/A
PN	: 709-0160-48-101
SN	: P1532
Description	: A109 TR BLADE
TSN	: 957.32 hrs



WORK REPORT

LM/21/01

DATE: 08 Jan 2021

COMPONENT INFORMATION

DESCRIPTION :	Tail Rotor Blade	RO NO :	AWM-21-081
PART NO :	709-0160-48-101	CUSTOMER :	Galaxy
SERIAL NO :	P1532	AIRCRAFT REG :	N/A

TYPE OF INSPECTION CARRIED OUT

<input checked="" type="checkbox"/> DETAILED VISUAL INSPECTION	<input checked="" type="checkbox"/> TAP TEST
<input type="checkbox"/> ULTRASONIC	<input type="checkbox"/> THERMOGRAPHY

INSPECTION REFERENCE

DETAILED INSPECTION & RECTIFICATIONS

A Detailed Inspection was carried out where the following defects were discovered: -

- Dent on Erosion shield

Rectifications carried out: -

- Blade to be scrapped as per PSE-TQ-2021-39666

Kok Zhen Jie

From: Ngiam Yen Kui
Sent: Friday, May 13, 2022 10:51 AM
To: Kok Zhen Jie
Subject: FW: A109 TRB S/N P1532
Attachments: RE: A109 TRB S/N P1532

Hi Justin,

Kindly refer below email as requested.

Thanks,
Yen

Company General Use

From: Eliyathamby Dhanaraj <dhanaraj.eliyathamby@leonardocompany.com>
Sent: Wednesday, September 1, 2021 6:01 PM
To: Loo Xian Lun <xianlun.loo@leonardocompany.com>
Cc: Williams Emlyn <emlyn.williams@leonardocompany.com>; Tellone Giuseppe <giuseppe.tellone@leonardocompany.com>; Piccin Andrea <Andrea.Piccin@leonardocompany.com>; Engineering Support LHD <engineering.support.lhd@leonardocompany.com>; Abdullah Muhammad Zahin <muhammadzahin.abdullah@leonardocompany.com>; Ngiam Yen Kui <yenkui.ngiam@leonardocompany.com>; Pinto Teresa <teresa.pinto.ext@leonardocompany.com>
Subject: RE: A109 TRB S/N P1532

[PSE/TQ/2021/39666](#)

Hi Daniel,

With respect to this case, the blade cannot be repaired nor erosion shield replacement can be performed. Therefore, the blade needs to be scrapped.

Best regards,
Dhana

Company General Use

From: Loo Xian Lun
Sent: Wednesday, September 01, 2021 2:00 PM
To: Eliyathamby Dhanaraj <dhanaraj.eliyathamby@leonardocompany.com>; Abdullah Muhammad Zahin <muhammadzahin.abdullah@leonardocompany.com>
Cc: Williams Emlyn <emlyn.williams@leonardocompany.com>; Tellone Giuseppe <giuseppe.tellone@leonardocompany.com>; Piccin Andrea <Andrea.Piccin@leonardocompany.com>; Engineering Support LHD <engineering.support.lhd@leonardocompany.com>
Subject: RE: A109 TRB S/N P1532

Hi Dhana,

Please find attached logcard for the P1532 TRB. The customer is Galaxy Aerospace.

Kind Regards,
Daniel

Company General Use

From: Eliyathamby Dhanaraj <ghanaraj.eliyathamby@leonardocompany.com>
Sent: Wednesday, September 1, 2021 1:27 PM
To: Loo Xian Lun <xianlun.loo@leonardocompany.com>; Abdullah Muhammad Zahin <muhammadzahin.abdullah@leonardocompany.com>
Cc: Williams Emlyn <emlyn.williams@leonardocompany.com>; Tellone Giuseppe <giuseppe.tellone@leonardocompany.com>; Piccin Andrea <Andrea.Piccin@leonardocompany.com>; Engineering Support LHD <engineering.support.lhd@leonardocompany.com>
Subject: RE: A109 TRB S/N P1532

Hi Daniel,

Before confirming the corrective action, could you provide the logcard for this blade and also confirm whom is the customer for this blade?

Best regards,
Dhana

Company General Use



Dhanaraj Eliyathamby
WW Customer Support & Service
Leonardo Company S.p.A.

Lot 1 & 2, Helicopter center,
Sultan Abdul Aziz Shah Airport
Subang - Selangor - Italy
Tel. +603-78310010 - Fax
leonardocompany.com

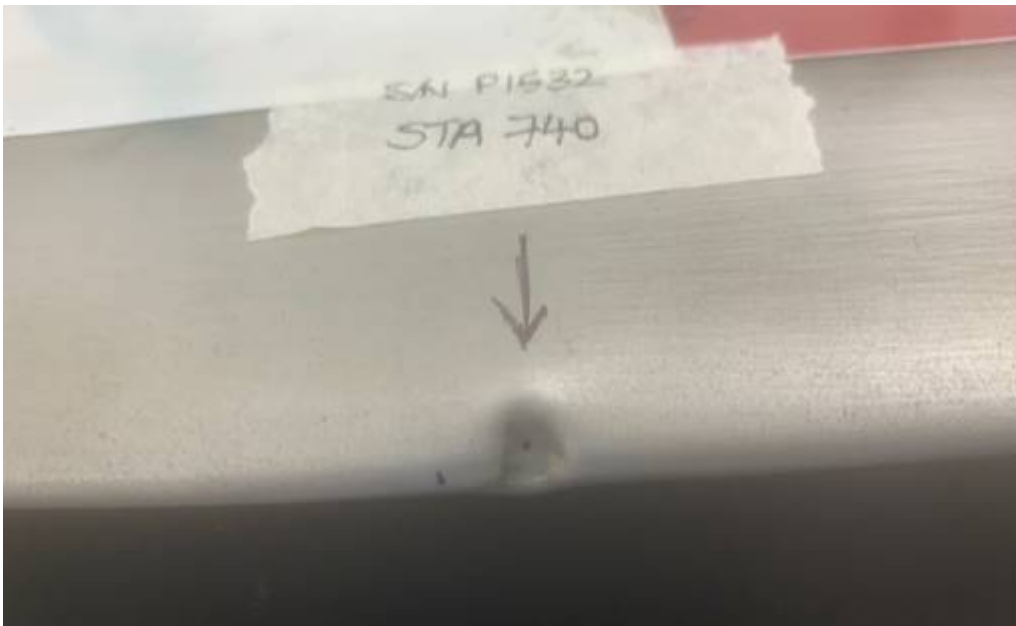
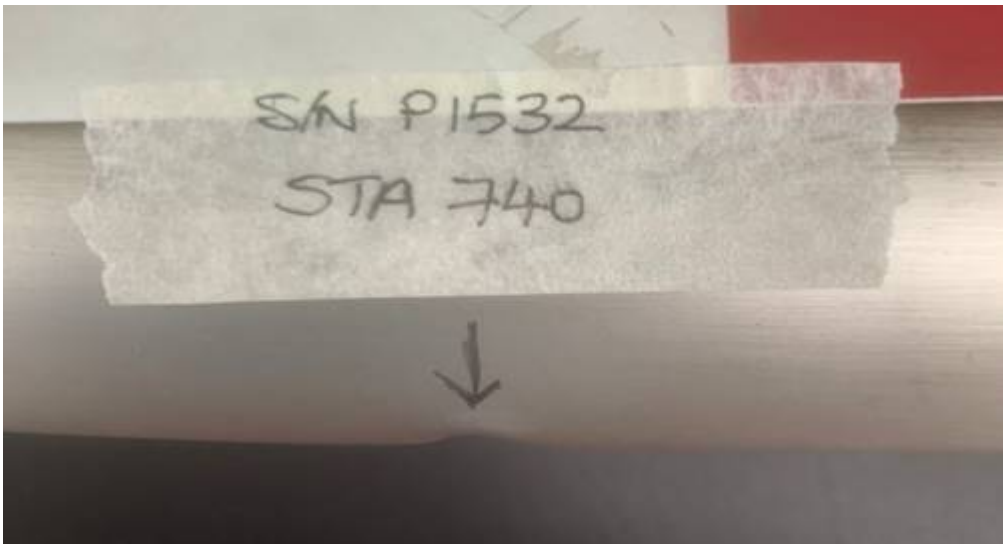
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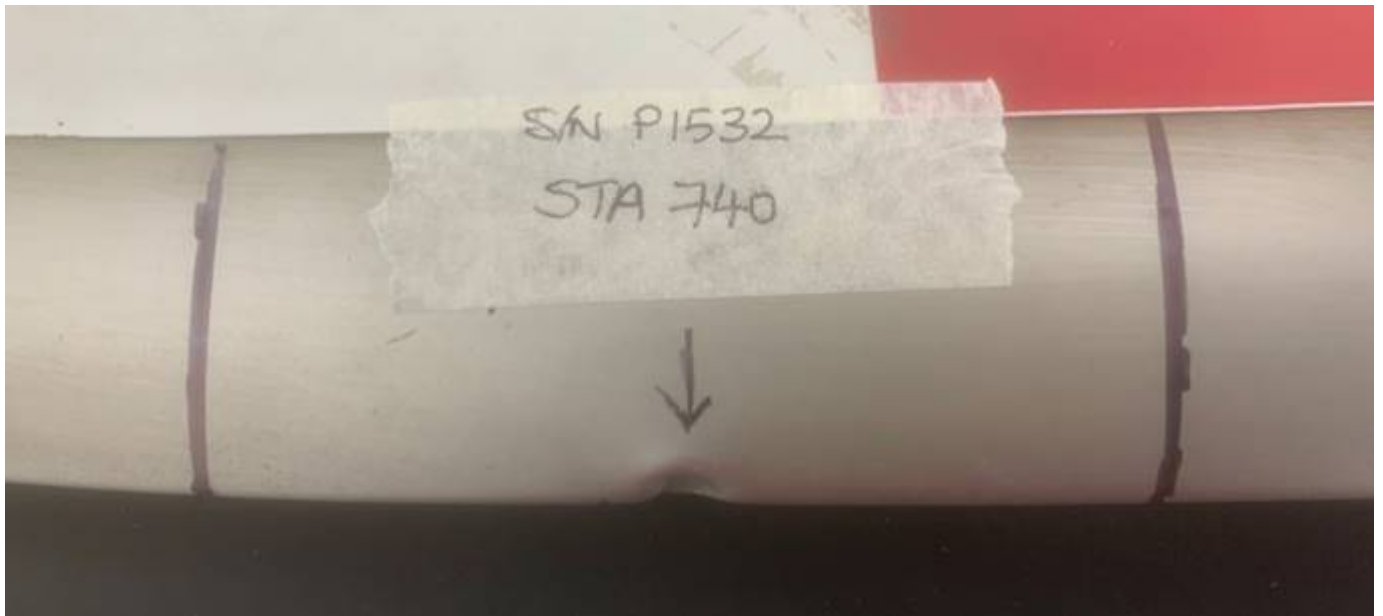
From: Loo Xian Lun
Sent: Wednesday, September 01, 2021 11:46 AM
To: Eliyathamby Dhanaraj <ghanaraj.eliyathamby@leonardocompany.com>; Abdullah Muhammad Zahin <muhammadzahin.abdullah@leonardocompany.com>
Cc: Williams Emlyn <emlyn.williams@leonardocompany.com>
Subject: A109 TRB S/N P1532

Hi Dhana & Zahin,

We received the subject TRB and found a sharp dent on the leading edge of the erosion shield @ STA 740 (see photos below). The depth of the dent is 2.87mm.



With reference to the A109S IETP DM 3C-A-64-11-01-00A-280A-C Step 10.2, sharp dents on the erosion shield are not permitted. We plan to trim and remove the marked area of the erosion shield as shown below to inspect whether the spar has been damaged as we believe that the blade can be sent back to Italy for an erosion shield replacement if the spar has not been damaged. Please advise if you have information to the contrary which would mean that our time is not wasted.



Kind Regards,
Daniel

Company General Use