

SKYWAYS TECHNICS	ASSESSMENT REPORT	SWT WO	003171	REV	00
		CUST PO	RMN-22-392	DATE	1-JUNE 2022

GENERAL INFORMATION

PART NUMBER	355A81-1030-100	DESCRIPTION	RADOME
SERIAL NUMBER	N/A	REMOVED FROM A/C REG	N/A
CUSTOMER	GALAXY AEROSPACE (M) SDN. BHD.		

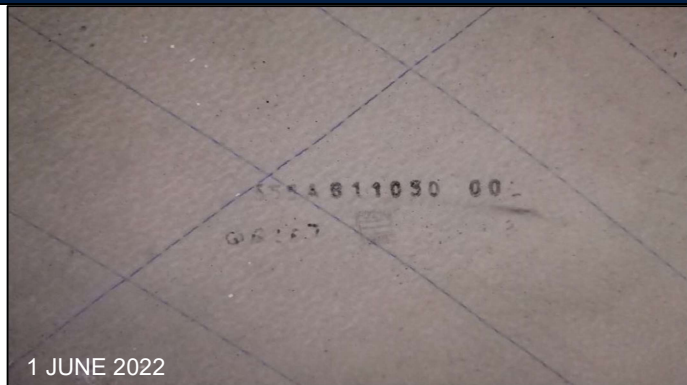
RECORD OF REVISION

Revision Number	Remark
00	Initial findings dated 1-JUNE 2022

INSPECTION REFERENCE


- MTC Standard Practice Manual Revision 10 Dated July 21/2021.

IDENTIFICATION



PART & SERIAL NUMBER VERIFICATION

- Preliminary inspection carried out found P/N 355A81-1030-100 and S/N N/A.

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REPORT SUMMARY

FINDING:

- Visual inspection carried out found paint crack on outer space with length 230 mm (See fig.1).
- Tap test carried out found delamination defect 80 mm x 50 mm (See fig. 2).

CORRECTIVE ACTION:

- Performed repair I.A.W MTC Standard Practice Manual Rev 10 Dated July 21/2021.
 - 20-03-01-101 - General Repair Instruction: General
 - 20-03-06-405 - Repairing radome anti-static coating
 - 20-03-06-406 - Structure Repair Vacuum Bag Techniques
 - 20-03-06-409 - Repair of Flaking of the Skin on a Monolithic or Sandwich Panel
 - 20-03-06-418 - Repair of a perforation in a Kevlar / carbon / honeycomb skin
 - 20-03-07-101 - Repair and machining of composite material
 - 20-06-01-101 - Bonding with Adhesives
 - 20-06-01-411 - Application of Hysol 9396
 - 20-04-05-413 - Paint and Primer Application

Notes:

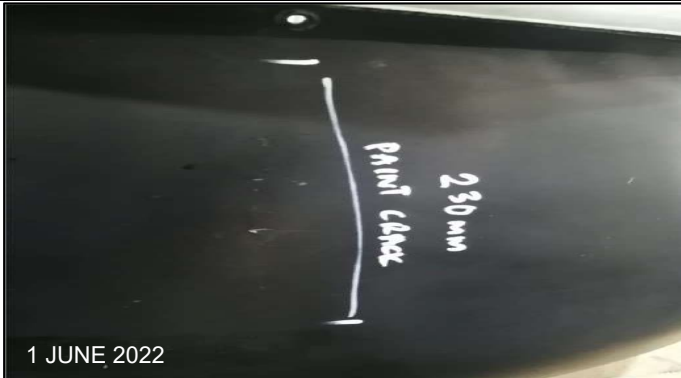
For secondary and tertiary structures, it is permissible to use general processes and standard repair procedure defined in the Standard Practices Manual

- Inspect Radome as per MTC 20-03-01-101.
- Sand all around damaged areas as per MTC 20-03-06-409
- Prepare the surfaces before bonding the repair parts as per MTC 20-06-01-101
- Repair by removing damaged honeycomb core and replacing core as per MTC 20-03-06-418 and 20-03-07-101
- Install Vacuum Bag MTC 20-03-06-40
- Repair by removing damaged delamination (outer and inner) and replacing delamination as per MTC 20-03-06-418 and 20-03-07-101
- Install Vacuum Bag MTC 20-03-06-406
- Unit to be painted as per Standard Practices Manual 20-04-05-413.
- Total repair area size 80 mm x 50 mm = 40 sq cm or 6.20001 sq inch.

UNIT TO BE RELEASED WITH CERTIFICATE OF CONFORMANCE (COC).

FIGURE 1

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FINDING:

- Visual inspection carried out found paint crack on outer space with length 230 mm.

CORRECTIVE ACTION:

- Unit to be painted as per Standard Practices Manual 20-04-05-413.

FIGURE 2



FINDING:

- Tap test carried out found delamination defect 80 mm x 50 mm.

CORRECTIVE ACTION:

- Repair by removing damaged delamination (Outer and inner) and replacing delamination as per MTC 20-03-06-418 and 20-03-07-101.

END OF ASSESSMENT

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DETAILED REPAIR COST

DESCRIPTION	QTY	LEAD TIME	TOTAL (USD)
LABOR			3,600.00
PAINTING			1,400.00
MATERIAL			1,400.00
SUBTOTAL		2 WEEKS	USD 6,400.00

APPROVED BY

Proceed with proposed work
 SCRAP on site
 Return As Is

DATE of APPROVAL

If quote presents different options, kindly state which option is approved:

Quote valid 30 days. Repair parts availability and lead time to perform work to be confirmed upon quote approval receipt.

NOTE:

*** All unserviceable items replaced during repair process will be scrapped after work is performed and unless written instruction for the contrary is received at time of quotation approval.
 **By approving scrap on site work scope and quotation, customer acknowledges that Skyways Technics might keep some serviceable sub-assemblies of the component for its own use.
 ** By approving the present quotation, and in case work scope includes performance of Structural Repair Instruction (SRI), customer agrees to the terms of the SRI, and to the terms of subsequent Structural Repair Approval Sheet (SRAS)
 **Quotation for core unit repairs back from forward exchange transactions will be deemed accepted if no feedback is received from customer within 3 working days after quotation is sent.*