 <p>Galaxy Aerospace maintenance . repair . overhaul</p> <p>MODIFICATION DOCUMENT</p>	INSTALLATION OF DATA PLATE, EXTERIOR AND INTERIOR MARKINGS ON ROBINSON R66	
	Doc. No.	GAM160/MD
	Date	25/02/2022
	Revision	0

ROBINSON R66 MODIFICATION DOCUMENT



INSTALLATION OF DATA PLATE, EXTERIOR AND INTERIOR MARKINGS

IMPORTANT NOTE

This technical content of this document is approved under the authority of the DOA Approval No. DOA/2020/01.

The effectivity of the document at the latest revision is specified on the List of Effective Pages.

Approval Signature

Prepared by	Verified & Approved by	Released by
		
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TITLE : INSTALLATION OF DATA PLATE, EXTERIOR AND INTERIOR MARKINGS ON ROBINSON R66

1. PLANNING INFORMATION

A. Effectivity

This modification will be incorporated into Robinson R66 as listed below.

Registration	Serial Number
9M-BGG	0723

B. Classification

This installation is classified as "MINOR" as per GAM160/MC.

C. Reason

This modification intends to install data plate, exterior and interior markings on Robinson R66 in order to comply with FAR 27, Malaysia Civil Aviation Regulations (MCA 2016) Regulations 16, Regulations 95, and CAAM CAD 7.

D. Description

This Modification Document details the installation procedure for aircraft data plate, exterior and interior markings.

E. Compliance

Compliance with this Modification Document is left to the operator's or installer's initiative.

F. Approval

The technical content of this document is approved under the authority of the DOA Approval No. DOA/2020/01.


G. Manpower

At customer's initiative.

H. Special Tooling

Refer Bill of Materials ED160001, Revision 0 or latest approved revision.

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I. Weight and Balance

Not applicable since the weight change is negligible.

J. Electrical Load Data

Not applicable.

K. References

The following documents are required for compliance with this Modification Document:


1. Robinson R66 Illustrated Parts Catalogue (IPC), Issued September 2020, Chapter 11.
2. Robinson R66 Maintenance Manual (MM), Issued April 2019, Chapter 21-10.
3. 3MTM Instruction Bulletin 5.27, Dated May 2015.
4. Instruction for Continued Airworthiness, GAM160/ICA, Revision 0 or latest approved revision.
5. Bill of Materials and General Arrangement, ED160001, Revision 0 or latest approved revision.
6. Structural Engineering Drawing ED160002, Revision 0 or latest approved revision.

L. Publications Affected

1. Robinson R66 Illustrated Parts Catalogue (IPC), Issued Septemeber 2020, Chapter 11.

M. Software Accomplishment Summary

Not Applicable.

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2. ACCOMPLISHMENT INSTRUCTIONS

A. Preparation

1. Prepare the aircraft on ground for a safe maintenance. Avoid carrying out task if the aircraft is on jacks.
2. Disconnect the battery, electrical power sources and/or the external power supply.
3. Implement suitable access means. Remove all furnishings or equipment as required for access to work zones.

CAUTION NOTES:

OBSERVE ALL RELEVANT SAFETY INSTRUCTIONS.

B. Accomplishment

B.1. Mechanical Installation

B.1.1 Interior and exterior markings – Removal

1. Refer general arrangement as per ED160001.

B.1.2 Interior and exterior markings – Installation

1. Refer general arrangement as per ED160001.
2. Install the interior and exterior markings as per ED160001 and ED160002.

B.1.3 Data Plate – Installation


1. Refer general arrangement as per ED160001.
2. Install the data plate as per ED160001 and ED160002.

B.2. Electrical Installation

No wiring connection required for this installation.

B.3. Functional Check and EMI/EMC Test

No functional test involved for this installation.

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B.4. Final Installation Instruction

1. Check for security.
2. Inspect aircraft aspect and cleanliness.
3. Make appropriate logbook entries as required.
4. Return aircraft to service.
5. Record embodiment of this modification in the aircraft documents.

C. Operating and Maintenance Instructions

C.1. Operating Instructions

No Rotorcraft Flight Manual Supplement related to this installation.

C.2. Maintenance Instructions

Refer to Instructions for Continued Airworthiness, GAM160/ICA, Revision 0 or latest approved revision.

3. MATERIAL INFORMATION

A. New / Retained Parts

Refer ED160001 and ED160002 for required materials to comply with this modification document.

B. Replacement Parts

Nil

C. Re-identified Parts

Nil