

## 1. GENERAL INFORMATION

## 1.1 CONTINUING AIRWORTHINESS MANAGEMENT ORGANISATION (CAMO)

a. ORGANISATION NAME	b. APPROVAL REFERENCE NUMBER
GALAXY AEROSPACE (M) SDN BHD	CAMO/2016/03

## 1.2 AIRWORTHINESS REVIEW REPORT FOR CERTIFICATE OF AIRWORTHINESS

a. Issuance	<input type="checkbox"/>	b. Renewal	<input checked="" type="checkbox"/>	c. Export	<input type="checkbox"/>	d. Others (Please specify below remarks)	<input type="checkbox"/>
e. Remarks:	This ARR was reissued (under new form no. GAM/C-002 Rev 0 (12/21)) due to written error on previous ARR ref. No GAM/ARR/BOF/21/16 Revision 1.						

## 1.3 AIRWORTHINESS REVIEW PERIOD

a. From (Last Review) Date, Aircraft Hours/Cycles	30/05/2020, 439:28 Hours / 1199 Landings
b. To Date, Aircraft Hours/Cycles	3/05/2021, 583:47 Hours / 1433 Landings

## 2. AIRCRAFT DETAILS

## 2.1 AIRCRAFT

a. Aircraft Registration	9M - BOF
b. Type, Designation and Series	Leonardo Helicopter AW189
c. Serial No.	49053
d. Current Flight Hours/Cycles	583:47 Hours / 1434 Landings

## 2.2 ENGINE

a. Engine Type	CT7-2E1
b. Serial No	ENGINE#1 780225 ENGINE#2 780234
c. Hours/Cycles	ENGINE#1 658:10 Hours / 507 Cycles ENGINE#2 583:47 Hours / 412 Cycles

## 2.3 PROPELLER

a. Propeller	Not Applicable
b. Serial No	Not Applicable
c. Hours/Cycles	Not Applicable

## 2.4 APU

a. APU Type	Safran eAPU 342-11
b. Serial No	1071
c. Hours/Cycle	88:18 Hours / 799 Cycles

## 2.5 MAIN ROTOR BLADE

a. Main Rotor Blade Part No.	4F6210A00132
b. Serial No.	BAT4990, BAT4996, BAT4981, BAT4994, BAT4954
c. Hours/Cycles	583:47 Hours / 1433 Landings (All Main Rotor Blade hours and landings are same)

## 2.6 TAIL ROTOR BLADE

a. Tail Rotor Blade Part No.	8G6410A00133
b. Serial No.	254, 255, 259, 261
c. Hours/Cycles	583:47 Hours / 1433 Landings (All Main Rotor Blade hours and landings are same)

## 3. AIRWORTHINESS REVIEW DETAILS

## 3.1 FLIGHT MANUAL / PILOTS HANDBOOK

a. Issue and Revision status	AW189 ROTORCRAFT FLIGHT MANUAL, DOC. NO. 189G0290X002 Issue 2 Rev 9 date 10/03/2021	
b. Is this the correct document for the current aircraft configuration	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

## c. Remarks:

Electronic IETP on portal: AW189 Rotorcraft Flight Manual, document No. 189G0290X002 Issue 2 Rev 9 date 10/03/2021.

AW189 technical publication index on Leonardo portal was reviewed on 03/06/2021. GAM tech pub found to hold the current AW189 Rotorcraft Flight Manual document No. 189G0290X002 Issue 2 Rev 9 date 10/03/2021 on board.

**Refer Appendix 1**

## NOTE

- This information will be cross-checked as part of the aircraft physical survey
- The electronic copy published on the web has to be considered as a backup of the paper format, the official legal document of the RFM is delivered from the Type Certificate Holder.

## 3.2 AIRCRAFT MAINTENANCE PROGRAMME

a. Maintenance Programme Approval Reference	JBPM/CAMO/AMP/AW189 Issue 02, Revision 1, dated 13/05/2020	
b. All scheduled maintenance required by the referenced programme has been carried out	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
c. Remarks:		
All the schedule maintenance carried out as per approved Aircraft Maintenance Programme (AMP).		

## 3.3 DEFECTS

a. All known defects have been corrected or deferred in accordance with an approved procedure:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
b. Remarks:		
All defects have been corrected in accordance with an approved procedure.		

## 3.4 AIRWORTHINESS DIRECTIVES

a. All applicable airworthiness directives have been incorporated and properly registered	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
i. CAAM Airworthiness Directive AD No./Issue no./Date	As per CAAM website, AN No. 4 APP 2 & 3	
ii. Aircraft State of Design Airworthiness Directives Bi – weekly/AD No./Issue no./Date	EASA Biweekly Biweekly 9-2021 (19/04/2021 - 02/05/2021). Latest applicable EASA AD is AD No: 2020-0271 (SB189-277 Part I, II) as of date 09/12/2020.	
iii. Engine State of Design Airworthiness Directives Bi – weekly/AD No./Issue no./Date	FAA Biweekly 2021-10 (26/4/2021 - 9/5/2021). This engine didn't have any AD issued by Authority since manufacture. Refer FAA website.	
iv. Propeller State of Design Airworthiness Directives Bi – weekly/AD No./Issue no./Date	Not Applicable.	
v. Equipment State of Design Airworthiness Directives Bi – weekly/AD No./Issue no./Date	EASA Biweekly Biweekly 9-2021 (19/04/2021 - 02/05/2021). Latest applicable AD as per EASA website is 2019-0235, Emergency Locator Transmitter – Inspection / Modification / Replacement.	
b. Remarks:		
Refer Appendix 2		

## 3.5 MODIFICATIONS AND REPAIRS

a. Confirm all modifications and repairs have been approved in accordance with DOA / CAAM

YES NO 

b. Remarks:

1. KIT TPG CUSTOMIZATION P/N 8G2520F01211 – INCORPORATED DURING PRODUCTION
2. INSTALLATION OF FLAG AND REGISTRATION MARKING – JOB CARD NO 3951 DATED 29-03-2017

## 3.6 LIFE LIMITED COMPONENTS

a. All installed life limited components have been recorded and have not exceeded their approved service life

YES NO 

b. Remarks:

Refer to Appendix 3

## 3.7 AIRCRAFT MAINTENANCE

a. All maintenance accomplished within this airworthiness review period has been appropriately released to service

YES NO 

b. Remarks:

Refer Appendix 4 for BMRC list

## 3.8 MASS AND BALANCE STATEMENT

a. The Mass and Balance Statement is correct for the current aircraft configuration

YES NO 

b. Provide reference/issue/revision/date of statement

Weight & Balance report Ref. No.  
GAM/WR/18/13/49053 dated 13 July 2018.

c. Date aircraft was last weighed

Date last weighed: 28/12/2017

d. Remarks:

Refer Appendix 5

## 3.9 AIRCRAFT TYPE DESIGN

a. The aircraft in its current configuration, complies with the type design approved by State of Design and validated by CAAM	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
b. Provide reference/issue/revision/date of the latest CAAM approved or accepted Type Certificate Data Sheet	AW189 EASA Type Certificate Data Sheet (TCDS) No. EASA.R.510 Issue 11 dated 21 Apr 2021.	
c. Remarks:		
No Remarks.		

## 3.10 NOISE CERTIFICATE

a. The Noise Certificate, if applicable, corresponds to the configuration of the aircraft	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
b. Remarks:		
No Remarks.		

## 3.11 AIRCRAFT DOCUMENTATIONS

a. Aircraft Documentation reviewed:	Yes	No	Remarks
i. Certificate of Registration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Expiry: 1 <sup>st</sup> March 2024
ii. Certificate of Airworthiness / Export Certificate of Airworthiness	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Expiry: 17 <sup>th</sup> July 2021
iii. Radio License	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Expiry: 31 <sup>st</sup> Dec 2022
iv. Noise Certificate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Issue date: 1 <sup>st</sup> June 2020
v. Technical / Journey Log (as applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form No. GAM/CAMO-008/AW189 Rev 1
vi. Airframe Logbook(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form No. GAM/CAMO-018R1
vii. Engine Logbook(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form No. GAM/CAMO-019R1
viii. Propeller Logbook(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Applicable
ix. Modification Record Book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form No. GAM/CAMO-027.
x. MEL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JBPM/CAMO/MEL/AW189 Issue 2, Rev 0 dated 1 <sup>st</sup> July 2021.
xi. Flight Test Report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Applicable
b. Remarks:			
All aircraft documentation mentioned in this section have been reviewed and found satisfactory except findings as stated in Airworthiness Review Findings.			

## 4. PHYSICAL SURVEY OF AIRCRAFT

a. Survey Report Reference No (Copy of survey report to the attached to this airworthiness review report)	GAM/PSR/BOF/21/16	
b. Date and locations where survey undertaken	DATED 03/06/2021, MIAT HANGAR, SUBANG	
c. All known defects and problems found during the survey have been approximately addressed	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

## 5. AIRWORTHINESS REVIEW FINDINGS

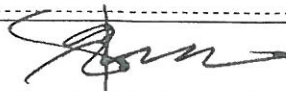
Note: All findings must be closed or clarified before a recommendation can be made

NO	FINDING / DEFECT	REFERENCE / RECTIFICATION
1	GAM.ARF.BOF.21.16-01	Refer ARF GAM/ARR/BOF/21/16-01
2	GAM.ARF.BOF.21.16-02	Refer ARF GAM/ARR/BOF/21/16-02

**6. RECOMMENDATION FOR CERTIFICATE OF AIRWORTHINESS**

6.1 This is to certify that all the above have been reviewed for the period **25/05/2021 – 08/06/2021** plus a physical survey of the aircraft undertaken **30<sup>th</sup> May 2022** and the aircraft **9M - BOF** was/was not\* found to be fully in compliance with all the applicable requirements of CAAM Part M. On the basis it is / is not\* recommended that the ~~issuance / renewal / export~~\* of Certificate of Airworthiness be issued in accordance with CAAM Part M.  
\*Delete as applicable

**Note:** If the result of the full airworthiness review is unsatisfactory or inconclusive then this form, along with all necessary supporting data should be sent to the CAAM in order to satisfy the requirements of CAAM Part M.

<b>Name</b>	<b>ISMAIL SULAIMAN</b>
<b>Signed</b>	
<b>Authorization No</b>	<b>ARS 03</b>
<b>Company Approval No</b>	<b>CAMO/2016/03</b>
<b>Date</b>	<b>29 June 2022</b>