

DELIVERY NOTE WP



DELIVER TO :

GALAXY AEROSPACE (M) SDN. BHD.
 CAMO DEPARTMENT
 Lot 11, MRO Centre,
 Malaysia International Aerospace Centre,
 Sultan Abdul Aziz Shah Airport,
 47200 Subang, Selangor
 Malaysia.
 Attn : Zaty Nadhira binti Mohamed Zuhari

DN NUMBER : GAM/DN/SAAS-24-084

OUR REFERENCE : 9M-SAAS-19535

WO REFERENCE : 2024-19535

DATE COMPLETION: 30 APRIL 2024

AJL NUMBER : 002243

A/C TYPE	AW139	A/C REG	9M-SAAS	A/C S/N	31903
OWNER / OPERATOR	GADING AIR SERVICES SDN BHD	A/C TOTAL TIME	524:50	LANDINGS	1239
ENGINE #1 S/N	PCE-KB2390	T.S.N	524:50	T.S.O	-
ENGINE #2 S/N	PCE-KB2380	T.S.N	524:50	T.S.O	-

EASA AD NO. 2022-0182-E, NEW ISSUE (SBEA 139-725 REV.A) ATA 64 - TAIL ROTOR - DUPLEX BEARINGS - INSPECTION/REPLACEMENT // ATA 65 - ROTOR FLIGHT CONTROL - TAIL ROTOR ACTUATOR - INSPECTION/REPLACEMENT	-001	1	1	1	1	-	3

*THIS IS TO CERTIFY THAT TASKS LISTED ABOVE HAS BEEN ACCOMPLISHED AS PER PO/WORK ORDER/SERVICE ORDER NO. AS ABOVE.

NAME	HASMA HIDAYATUL HUSNA	SIGNATURE		DATE	06 MAY 2024 10 JUNE 2024
VERIFIED AND ACCEPTED BY					

DELIVERY NOTE WP



	DATE 06-05-2024
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*WS – WORKSHEET

*S – SERVICEABLE LABEL

*PR – PART REPORT

*SBC – SERVICE BULLETIN COMPLIANCE

*ARC – AUTHORISED RELEASE CERTIFICATE

*OTH – OTHERS

WORK ORDER



To: GALAXY AEROSPACE (M) SDN. BHD.

Address: Lot 11-14, MRO Centre, Malaysia
 International Aerospace Centre, SAAS Airport,
 Subang
 Malaysia

Attention: Mr. Syafrul Yamani
 Engineering Manager
 syafrul@galaxyaerospace.my

Work Order Number: 2024-19535

Work Pack Reference: 9M-SAAS-19535

Date Issued: 13/05/2024

A/C Registration / SN: 9M-SAAS/31903

Sheet: 1 of 1

Description:

Item	Description/Task/Inspection	Reference	Man Hours
1	ATA 64 - TAIL ROTOR - DUPLEX BEARINGS - INSPECTION/REPLACEMENT // ATA 65 - ROTOR FLIGHT CONTROL - TAIL ROTOR ACTUATOR - INSPECTION/REPLACEMENT	EASA AD 2022-0182-E PARA 1 (SBEA 139-725 REV. A PART I)	<u>4</u> (PLEASE ADVISE)

Remark/Notes:

1. State this Work Order reference on your Work Package. Should there is any additional job/defect (unless specified in the work package) the maintenance organization must notify GAM Continuing Airworthiness Manager prior to proceed with rectification.
2. Work must be carried out in accordance with approved data and perform by qualified personnel/ approved LAE from the maintenance organization.
3. Parts used must be written in Parts Report Form and accompanied by ARC, Serviceable Label or equivalent document.
4. Test report, parameter reading or any supporting data must be attached with the worksheet if applicable.
5. The maintenance organization shall be responsible for any damages made on the aircraft/ components during maintenance.
6. Softcopy of completed Work Package shall be submitted or as mutual agreed and GAM Continuing Airworthiness Manager must be informed once the aircraft is Release to Service.
7. Completed Work Package (original) must be submitted to GAM Continuing Airworthiness Manager office within 3 days of date of completion.

I hereby declare that an approved and up to date maintenance data has been referred for the issuance of this work order.

Thank you.
 Best Regards,

Zaty Nadhira Mohamed Zuhari
 Continuing Airworthiness Management Manager
 Email: zaty@galaxyaerospace.my



CLIENT/OWNER: GADING AIR SDN. BHD.	SERIAL NO.	HOURS	LDG/CYCLE	WORKPACK NO:	9M-SAAS-19535
AIRCRAFT TYPE: AW139	AIRCRAFT	524:50	1239	WORK/INSP/DESC:	AD NO. 2022-0182-E
REGISTRATION: 9M-SAAS	#1 ENGINE: PCE-KB2390	524:50	-	AERONET JOB NO.:	2024-19535
BASE/FACILITY: WMSA	#2 ENGINE: PCE-KB2380	524:50	-	AJL REF NO.:	002243
DATE IN: 30/04/24 OUT: 30/04/24			NG / N1	NF / N2	SHEET: 1 OF 1

Reason for raising:
PERFORM TAIL ROTOR BEARING REPLACEMENT I.A.W AMP GASB/CAMO/AMP/AW139 ISSUE 01 TR 02 DATED 20.09.2023, AW139 IETP - 44TH ISSUE UPDATE 01 DATE 2024-02-14, EMM PT6C-67C REVISION 32.0 DATED 2023-11-06EASA AD NO. 2022-0182-E, NEW ISSUE DATED AUGUST-30-2022, SBEA 139-725 REV.A DATED AUGUST-09-2022 OR LATER APPROVED REVISION.

Raised by and date:
CAMO: Halimi
Haqqim
13/05/2024

List of scheduled inspection and all work carried out under this workpack including individual reference.			DATE INSPECTION COMPLETED	Master Signature Schedule		
NO	INSPECTION / WORK	WORKSHEET REF		NAME	SIGNATURE	APP/STAMP
1	ATA 64 - TAIL ROTOR - DUPLEX BEARINGS - INSPECTION/REPLACEMENT // ATA 65 - ROTOR FLIGHT CONTROL - TAIL ROTOR ACTUATOR - INSPECTION/REPLACEMENT	19535-001	30/04/24	LEE BOON HONG	<i>[Signature]</i>	
				JAUHAR	<i>[Signature]</i>	
				HARIZ	<i>[Signature]</i>	
				EMIR	<i>[Signature]</i>	

Galaxy Aerospace (M) Sdn. Bhd.

I hereby certify the following task has been performed and found satisfactory:

1) All the tools and equipment used for maintenance has been removed from aircraft. 2) All the access panels removed for maintenance access has been reinstalled. 3) All the excess spares and materials have been notified to AMO Planner for return plan. 4) FOD check has been done.

Sign & Stamp: Date & Time: 30/04/24 1700

PART 145 - AMO RELEASE STATEMENT
THIS IS TO CERTIFY THAT ALL WORK LISTED ABOVE HAS BEEN INSPECTED AND ACCOMPLISHED IN ACCORDANCE WITH CONTRACTED AMO EXPOSITION AND PROCEDURE LATEST REVISION, AND:

OEM PUBLICATION REVISION AS PER REASON FOR RAISING ABOVE

*IF DIFFERENT FROM ABOVE, OEM PUBLICATION/REVISION

*TICK ✓ WHERE APPLICABLE.

NAME	LEE BOON HONG
SIGN & APPROVAL	<i>[Signature]</i>
ORGANISATION NAME & CAAM PART-145 APPROVAL NUMBER	GAM AMO/2016/02
DATE	30/04/2024

PART M - CAMO ACCEPTANCE STATEMENT
THIS IS TO CERTIFY THAT THE ABOVE-MENTIONED WORK PACKAGE HAS BEEN REVIEWED, CHECKED FOR COMPLETION AND UPDATED IN THE CONTINUING AIRWORTHINESS MANAGEMENT SYSTEM.

NAME	SIGN & APPROVAL	DATE
NUR HUSNINA BINTI MUHAMAD ZURAIDI	<i>[Signature]</i>	07/05/24



Aircraft Serial No: 31903 **Work Pack No:** 9M-SAAS-19535

Aircraft Type: AW139 **Desc:** PERFORM TAIL ROTOR BEARING REPLACEMENT

Aircraft Reg: 9M-SAAS **Page:** 1 **Of** 1

Item	Description	Part No	Serial Number	Worksheet Ref No. / Item No.	Calibration Due Date
1.	DIGITAL CALIPER	KFN33122802	1904210286	19535-001 (ITEM 1)	26 FEB 2025

NAME: JEE BOON HONG
ORGANISATION NAME & CAAM PART-145 APPROVAL NUMBER: GAM AMO/2016/02
SIGN & APPROVAL: [Signature]
DATE: 30/01/24

*Certifies that the work specified, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service.



CLIENT/OWNER: GADING AIR SDN. BHD.	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:	19535-001
AIRCRAFT TYPE: AW139	AIRCRAFT	31903	REFER WORKPACK	WORK/INSP/DESC:	AD NO. 2022-0182-E
REGISTRATION: 9M-SAAS	#1 ENGINE:	PCE-KB2390	REFER WORKPACK	WORKPACK REF:	9M-SAAS-19535
BASE/FACILITY: WMSA	#2 ENGINE:	PCE-KB2380	REFER WORKPACK	AJL REF NO.:	REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1	NF / N2	SHEET: 1 OF 1

Reason for raising:
PERFORM TAIL ROTOR BEARING REPLACEMENT I.A.W AMP GASB/CAMO/AMP/AW139 ISSUE 01 TR 02 DATED 20.09.2023, AW139 IETP - 44TH ISSUE UPDATE 01 DATE 2024-02-14, EMM PT6C-67C REVISION 32.0 DATED 2023-11-06, EASA AD NO. 2022-0182-E, NEW ISSUE DATED AUGUST-30-2022, SBEA 139-725 REV.A DATED AUGUST-09-2022 OR LATER APPROVED REVISION.

Raised by and date:
CAMO; Halimi Haqqim
13/05/2024

Item	Description	Technician	* Eng. CRS	Date
1	<p>ATA 64 - TAIL ROTOR - DUPLEX BEARINGS - INSPECTION/REPLACEMENT // ATA 65 - ROTOR FLIGHT CONTROL - TAIL ROTOR ACTUATOR - INSPECTION/REPLACEMENT EASA AD 2022-0182-E PARA 10 (SBEA 139-725 REV. A PART IV)</p> <p>TO PERFORM TAIL ROTOR BEARING REPLACEMENT I.A.W EASA AD 2022-0182-E NEW ISSUE DATED AUGUST-30-2022 PARA 10, SBEA 139-725 REV.A DATED AUGUST-09-2022, AW139 IETP - 44TH ISSUE UPDATE 01 DATED 2024-02-14 SECTION 3 PART IV OR LATER APPROVED REVISION.</p> <p>REFERENCE: 1. EASA AD NO. 2022-0182-E, NEW ISSUE DATED AUGUST-30-2022, 2. SBEA 139-725 REV.A DATED AUGUST-09-2022. 3. AMP 39-A-64-31-04-01A-921A-B.</p> <p>REMARKS: CARRIED OUT, FOUND SATISFACTORY CROSS REFER WP 9M-SAAS-17760</p>			30/04/24
1.1	<p>THE INDEPENDENT INSPECTION FOR TASK TAIL ROTOR BEARING REPLACEMENT. (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAGM 8601 PARA 9.4.</p> <p>1st Inspector Sign: Approval/Stamp: DATE: 30/04/24</p> <p>2nd Inspector Sign: Approval/Stamp: DATE: 30/04/24</p>			

*Certifies that the work specified, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service.

CAAM Part-145 Approval Number: **GAM AMO/2016/02**

PARTS REPORT



CLIENT/OWNER: GADING AIR SDN. BHD.		SERIAL NO.	HOURS	LDGCYCLE	WORKSHEET NO: 19535-001
AIRCRAFT TYPE: AW139		31903	REFER WORKPACK		WORK/INSP/DESC: TAIL ROTOR BEARING REPLACEMENT
REGISTRATION: 9M-SAAS		PCE-KB2390	REFER WORKPACK		WORKPACK REF: 9M-SAAS-19535
BASE/FACILITY: WMSA		PCE-KB2380	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK			NG / N1	NF / N2	SHEET: 1 OF 1

Reason for raising:
PERFORM TAIL ROTOR BEARING REPLACEMENT I.A. W AMP GASB/CAMO/AMP/AW139 ISSUE 01 TR 02 DATED 20.09.2023, AW139 IETP - 44TH ISSUE UPDATE 01 DATE 2024-02-14, EMM PT6C-67C REVISION 32.0 DATED 2023-11-06, EASA AD NO. 2022-0182-E, NEW ISSUE DATED AUGUST-30-2022, SBEA 139-725 REV.A DATED AUGUST-09-2022 OR LATER APPROVED REVISION.

Released by and date:
CAMO: Halimi Haqqim
13/05/2024

Item	Part No	Description	Serial Number		Qty	Position	Reason	Release Reference
			Off	On				
1.	356430100153	TAIL ROTOR DUPLEX BEARING	19206 33708 20104124	23708 19268	1	TR	9M1, 9B	GM 5378



NAME	ORGANISATION NAME & CAMM PART-145 APPROVAL NUMBER	SIGN & APPROVAL	DATE
LEE BOON HONG	GAM AMO/2016/02	<i>LB</i>	30/04/24

* Certifies that the work specified, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service.

SERVICABLE



Date: 06/02/2024

ITEM ID:	50059		
DESCRIPTION:	TAIL ROTOR DUPLEX BEARING		
PART NO:	3G6430V00153	QTY:	1.00
SERIAL NO:	23708	BIN:	D12-7
CONDITION:	NE	LOCATION:	AIRBUS RACK
TSN:	N/A	TSO:	N/A
SHELF DUE / EXP DATE:	25/10/2026		
JOB ID:	18301	PO ID:	SIGN:
GIN / ID. NO:	GIN5278	APPROVAL:	 06/02/2024
			

GAM/E-005 Rev 2 (01/21)

AUTHORISED RELEASE CERTIFICATE

Certificat Libérateur Autorisé

EASA FORM 1

Formulaire 1 de l'EASA

3. Form Tracking Number
N° de repère du Formulaire

7902638 - 1

5. Work Order / Contract / Invoice
Bon de commande / Contrat / Facture

4802769605

1. Approving competent Authority/Country
Autorité Compétente/Pays

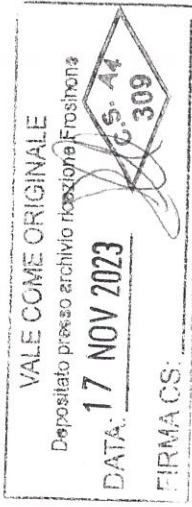
DIRECTION GENERALE DE
L'AVIATION CIVILE
FRANCE

4. Organisation Name and Address:
Nom et Adresse de l'Organisme:
SKF Aeroengine France 34, avenue des Trois Peuples - 78180 Montigny-Le-Bretonneux

6. Item / Item	7. Description / Description	8. Part No. / N° de pièce	9. Qty / Qté	10. Serial No. / N° série	11. Status / Work / Etat / Travaux
1	Bearing/Roulement	3G6430V00153	70	From S/N 23707 to S/N 23776	NEW

12. Remarks / Remarques
DATE LIMITE OF PEREMPTION October 2026 / DATE LIMITE DE PEREMPTION Octobre 2026 S/N 23707 TO S/N 23776

Base Production Location: Valenciennes (59309)



13a Certifies that the items identified above were manufactured in conformity to:
Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux:

approved design data and are in a condition for safe operation
données de conception approuvées et sont en état de fonctionner en toute sécurité

non-approved design data specified in block 12
données de conception non approuvées spécifiées dans la case 12

14a Part 145.A.50 Release to Service
Approbation pour remise en service
Selon Partie 145.A.50

Other regulation specified in block 12
Autre réglementation précisée en case 12

Certifies that unless otherwise specified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service
Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service

13b Authorised Signature Signature autorisée	SKF AF Sca-05	13c Approval/Autorisation Number Numéro d'agrément d'autorisation	FR.21G.0052
13d Name / Nom	RAMOS	13e Date (dd mmm yyyy) / Date (jj mmm aaaa)	27 Oct 2023 / 27 Oct 2023
14b Authorised Signature Signature autorisée		14c Certificate/Approval Ref. No N° du Certificat/Agrément	
14d Name / Nom		14e Date (dd mmm yyyy) / Date (jj mmm aaaa)	

USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur

This certificate does not automatically constitute authority to install the item(s).
Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1,
Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.
Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

Leonardo Malaysia COPIA CONFORME ALL'ORIGINALE

Sdn. Bhd. COPY OF ORIGINAL

SB 139-725 Rev. A – Inspection Report

Date			
Helicopter	S/N	FH	Landings
	31903	524:50	1239
Sliding Control Assembly where bearing is installed	S/N		FH
	AW1029		524:50
TR Duplex Bearing	P/N	S/N	FH
	3GG430V00153	19368	524:50
TR Duplex Bearing previously removed and reinstalled	YES		NO
	<input type="checkbox"/>		<input checked="" type="checkbox"/>


SB Part performed	Part I	Part II	Part III	Part IV				
				A	B	C	D	E
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* For Part I, Part II or Part III please also fill the applicable parts of the table below.
 * For Part IV flag the Effectivity/Compliance applicable case.

PROCEDURE STEP FAILED		DESCRIPTION OF FINDINGS
Part I Step 3 or Part III Step 4	<input type="checkbox"/>	
Parts II Step 3.1 or Part III Step 5.1	<input type="checkbox"/>	
Parts II Step 3.2 or Part II Step 5.2	<input type="checkbox"/>	
Parts II Step 3.4 or Part II Step 5.4	<input type="checkbox"/>	
Parts II Step 3.5 or Part II Step 5.5	<input type="checkbox"/>	
Part II Step 3.6	<input type="checkbox"/>	
Notes: N/A , DUPLEX BEARING REMOVED DURING 4 YEARS INSPECTION		

Figure 4

S.B. N°139-725 EMERGENCY ALERT
 DATE: July 25, 2022
 REVISION: A - August 9, 2022

Please send to the following address:		SERVICE BULLETIN COMPLIANCE FORM		Date: 30/04/24
LEONARDO S.p.A. CUSTOMER SUPPORT & SERVICES - ITALY		Number: 139-725		
PRODUCT SUPPORT ENGINEERING & LICENSES DEPT. Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988		Revision: A		
Customer Name and Address:		Telephone:		
		Fax:		
		B.T. Compliance Date: 30/04/24		
Helicopter Model	S/N	Total Number	Total Hours	T.S.O.
A10139	31903	-	524:50	-
Remarks: CARRIED OUT, FOUND SATISFACTORY				
				
Information:				
We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.				