


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/22/BOC-211
OUR REFERENCE: 9M-BOC-12206
WO REFERENCE: 2022-12206
DATE COMPLETION: 18 NOVEMBER 2022
AJL NUMBER: AJL 04740

A/C DETAILS								
A/C TYPE	AW139	A/C REG	9M-BOC	A/C S/N	31289			
OWNER / OPERATOR	FIRE AND RESCUE DEPT. OF MALAYSIA	A/C TOTAL TIME	3542:37	LANDINGS	6366			
ENGINE #1 S/N	PCE-KB0661	T.S.N	3542:37	T.S.O	-			
ENGINE #2 S/N	PCE-KB0659	T.S.N	3542:37	T.S.O	-			
LIST OF TASKS PERFORMED	WP NUMBER	NUMBER OF PAGES						
		*WS	*PR	*TR	*ARC	*S	*SBC	*OTH
SBEA 139-725 PART IV – TAIL ROTOR DUPLEX BEARING INSPECTION AND REPLACEMENT	001	2	1	1	1	1	2	4
*THIS IS TO CERTIFY THAT TASKS LISTED ABOVE HAS BEEN ACCOMPLISHED AS PER PO/WORK ORDER/SERVICE ORDER NO. 1AS ABOVE.								
NAME	NORKATRINA KAMARUDIN	SIGNATURE		DATE	24 NOVEMBER 2022			
VERIFIED AND ACCEPTED BY				MOHD HAFFIZ BIN ISMAIL CAMO Planner Galaxy Aerospace (M) Sdn Bhd (1040262-D)				
DATE				24 NOV 2022				

- *WS – WORKSHEET
- *PR – PART REPORT
- *ARC – AUTHORISED RELEASE CERTIFICATE
- *S – SERVICEABLE LABEL
- *SBC – SERVICE BULLETIN COMPLIANCE
- *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: 2022-12206
Work Pack Reference: 9M-BOC-12206
Date Issued: 01/08/2022
A/C Registration / SN: 9M-BOC/31289
Sheet: 1 of 1

Description:

Item	Description/Task/Inspection	Reference	Man Hours
1	SBEA 139-725 REV J PART IV (EASA AD 2022-0152), ATA 64 - TAIL ROTOR DUPLEX BEARING INSPECTION AND REPLACEMENT	SBEA 139-725 REV J PART IV (EASA AD 2022-0152)	_____ (PLEASE ADVISE)

**200 FH AFTER COMPLETION OF PART II
DUE AT 3556:41 FH**

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: JABATAN BOMBA DAN PENYELAMAT MALAYSIA	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO: 12206-001
AIRCRAFT TYPE: AW139	AIRCRAFT 31289	REFER WORKPACK		WORK/INSP/DESC: ATA 64 - TAIL ROTOR
REGISTRATION: 9M-BOC	#1 ENGINE: PCE-KB0661	REFER WORKPACK		WORKPACK REF: 9M-BOC-12206
BASE/FACILITY: WMSA	#2 ENGINE: PCE-KB0659	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK			NG / N1	NF / N2
DATE OUT: REFER WORKPACK				
SHEET: 1			OF	2

Reason for raising: SBEA 139-725 REV./ PART IV (EASA AD 2022-0152) ATA 64 - TAIL ROTOR DUPLEX BEARING INSPECTION AND REPLACEMENT TO BE CARRIED OUT IN ACCORDANCE WITH AW139 IETP 41ST ISSUE 2022-06-28 UPDATED 2022-07-20 TO THE ALL-LATEST ISSUE/REVISION/UPDATES, AMP NO. JBPM/CAMO/AMP/AW139 ISSUE 2 REV. 1. ATA 64 - TAIL ROTOR DUPLEX BEARING INSPECTION AND REPLACEMENT	Raised by and date: CAMO; Mohd Hafiz Ismail 01/08/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
1	<p>SLIDING CONTROL ASSEMBLY REMOVAL</p> <p>TO PERFORM SLIDING CONTROL ASSEMBLY REMOVAL TO FACILITATE EASA AD 2022-0152-E PARA 2 (EASB 139-725 PART 2) COMPLIANCE</p> <p>REFERENCE: 39-A-64-31-01-00A-520A-A</p> <p>REMARKS: CARRIED OUT FOUND SATISFACTORY</p>	<p>Handwritten signature: <i>Ali</i></p> <p>8320</p>	<p>Handwritten signature: <i>IF</i></p>	18/11/22
2	<p>EASA AD 2022-0152-E PARA (7), (SBEA 139-725 REV./ PART IV) COMPLIANCE</p> <p>TO PERFORM EASA AD 2022-0152-E PARA (7), (SBEA 139-725 REV./ PART IV) COMPLIANCE I.A.W. ACCOMPLISHMENT INSTRUCTION OF THE EASA AD 2022-0152-E PARA (7), (SBEA 139-725 REV./ PART IV)</p> <p>PART IV OF THIS SERVICE BULLETIN GIVES INSTRUCTIONS TO REPLACE THE BEARINGS IN ACCORDANCE WITH THE APPLICABLE COMPLIANCE TIME. REPLACEMENT DUPLEX BEARING IS A TERMINATING ACTION FOR PART I, PART II, AND PART III OF EASB 139-725.</p> <p>COMPLIANCE: WITHIN AND NOT LATER THAN 200 FH AFTER THE FIRST APPLICATION OF PART II OF EASB 139-725 OR BEFORE EXCEEDING 2400 FH OF THE BEARINGS WHICHEVER OCCURS FIRST.</p> <p>REFERENCE: 39-A-64-31-04-01A-921A-B</p> <p>PART NUMBER: 3G6430V00153 SERIAL NUMBER: 21297</p> <p>REMARKS: CARRIED OUT FOUND SATISFACTORY.</p>	<p>Handwritten signature: <i>Ali</i></p> <p>8320</p>	<p>Handwritten signature: <i>Muhammad</i></p>	18/11/22
2.1	<p>THE DUPLICATE INSPECTION FOR TASK EASA AD 2022-0152-E PARA (7), (SBEA 139-725 REV./ PART IV) COMPLIANCE (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAD 8601 PARA 5.12(3)</p> <p>1st Inspector Sign: <i>IF</i> Approval/Stamp: DATE: 18/11/22</p> <p>2nd Inspector Sign: <i>Muhammad</i> Approval/Stamp: DATE: 18/11/22</p>		<p>Handwritten signature: <i>IF</i></p>	18/11/22

Certifies that the work specified above, 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.

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

TICK ✓ WHERE APPLICABLE

REP	ST	QUAL	LOGS	ENTR	FEED	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL	QUAL
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CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA	SERIAL NO. 31289	HOURS	LDG/CYCLE	WORKSHEET NO: 12206-001
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: ATA 64 - TAIL ROTOR
REGISTRATION: 9M-BOC	#1 ENGINE: PCE-KB0661	REFER WORKPACK		WORKPACK REF: 9M-BOC-12206
BASE/FACILITY: WMSA	#2 ENGINE: PCE-KB0659	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	SHEET: 2 OF 2

Reason for raising: SBEA 139-725 REV./ PART IV (EASA AD 2022-0152) ATA 64 - TAIL ROTOR DUPLEX BEARING INSPECTION AND REPLACEMENT TO BE CARRIED OUT IN ACCORDANCE WITH AW139 IETP 41ST ISSUE 2022-06-28 UPDATED 2022-07-20 TO THE ALL-LATEST ISSUE/REVISION/UPDATES, AMP NO. JBPM/CAMO/AMP/AW139 ISSUE 2 REV. 1. ATA 64 - TAIL ROTOR DUPLEX BEARING INSPECTION AND REPLACEMENT	Raised by and date: CAMO; Mohd Haffiz Ismail 01/08/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
3	<p>SLIDING CONTROL ASSEMBLY INSTALLATION</p> <p>TO PERFORM SLIDING CONTROL ASSEMBLY INSTALLATION TO FACILITATE EASA AD 2022-0152-E PARA 2 (EASB 139-725 PART 2) COMPLIANCE</p> <p>REFERENCE: 39-A-64-31-04-00A-720A-A</p> <p>REMARKS: CARRIED OUT FOUND SATISFACTORY</p>	<i>[Signature]</i> 8320	<i>[Signature]</i> 	18/11/22
3.1	<p>THE DUPLICATE INSPECTION FOR TASK SLIDING CONTROL ASSEMBLY INSTALLATION (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAD 8601 PARA 5.12(3)</p> <p>1st Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: <u>18/11/22</u></p> <p>2nd Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: <u>18/11/22</u></p>		<i>[Signature]</i> 	18/11/22
4	<p>SCISSOR INSTALLATION</p> <p>TO PERFORM SCISSOR INSTALLATION TO FACILITATE EASA AD 2022-0152-E PARA 2 (EASB 139-725 PART 2) COMPLIANCE</p> <p>REFERENCE: 39-A-64-31-02-00A-720A-A</p> <p>REMARKS: CARRIED OUT FOUND SATISFACTORY</p>	<i>[Signature]</i> 8320	<i>[Signature]</i> 	18/11/22
4.1	<p>THE DUPLICATE INSPECTION FOR TASK SCISSOR INSTALLATION (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAD 8601 PARA 5.12(3)</p> <p>1st Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: <u>18/11/22</u></p> <p>2nd Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: <u>18/11/22</u></p>		<i>[Signature]</i> 	18/11/22

*Certifies that the work specified above, 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.

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

TICK ✓ WHERE APPLICABLE

ISSUED BY	DATE	ISSUED TO	WORK NO.	DATE	STATUS	REVISION	APPROVED BY	DATE	REVISION	APPROVED BY	DATE	REVISION	APPROVED BY	DATE	REVISION	APPROVED BY	DATE	REVISION	APPROVED BY	DATE
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SB 139-725 Rev. \ – Inspection Report

Date	18.11.2022		
Helicopter	S/N	FH	Landings
	31289	3542:37	6366
Sliding Control Assembly where bearing is installed	S/N	FH	
	09125	3542:37	
TR Duplex Bearing	P/N	S/N	FH
	396430100153	19213	00:00 (NEW)
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 5	<input type="checkbox"/>	
Parts II or III Step 3.1	<input type="checkbox"/>	
Parts II or III Step 3.2	<input type="checkbox"/>	
Parts II or III Step 3.4	<input type="checkbox"/>	
Parts II or III Step 3.5	<input type="checkbox"/>	
Part II Step 3.6	<input type="checkbox"/>	
Notes: NIL 		

Figure 4


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

Please send to the following address: LEONARDO S.p.A. CUSTOMER SUPPORT & SERVICES - ITALY PRODUCT SUPPORT ENGINEERING & LICENSES DEPT. Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988	SERVICE BULLETIN COMPLIANCE FORM	Date: 18.11.2022
	Number: 139-725 PT IV	
	Revision:	

Customer Name and Address: GALAXY AEROSPACE (M) SDN BHD Suite 11-14, Helicopter Centre, Malaysia International Aerospace Centre, Sultan Abdul Aziz Shah Airport, 47200 Subang, SELANGOR DARUL EHSAN	Telephone: 603-7734 7226
	Fax: 603-7734 7226
	B.T. Compliance Date:

Helicopter Model	S/N	Total Number	Total Hours	T.S.O.
AW 139	31289		3542:37	

Remarks: CARRIED OUT FOUND SATISFACTORY.

Nesetti 

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.

Tools Report



Aircraft Serial No:	31289	Work Pack No:	9M-BOC-12206
Aircraft Type:	AW139	DESC:	SBEA 139-725 REV./
Aircraft Reg:	9M-BOC	PAGE:	1 Of 1

Description	Part No	Serial Number	Worksheet Ref No. / Item No.	Calibration Due Date
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NIL				
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SERVICEABLE



GalaxyAerospace
maintenance · repair · overhaul

ITEM ID: 45718

DESCRIPTION: TAIL ROTOR DUPLEX BEARING

PART NO: 3G6430V00153

QTY: 1.00

SERIAL NO: 21297

BIN: --

CONDITION: NE

LOCATION WAREHOUSE BONDED PGU

TSN:

TSO:

SHELF DUE / EXP DATE: 01/07/2024

JOB ID: 12196

PO ID:

SIGN:

GIN / ID. NO: GiN3908

APPROVAL:



03/10/2022

9M-PMB

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

1. DIRECTION GENERALE DE
L'AVIATION CIVILE
FRANCE

2. **AUTHORISED RELEASE CERTIFICATE**
Certificat Libérateur Autorisé
EASA FORM 1
Formulaire 1 de l'EASA

N° de repère du Formulaire

7583903 - 1

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

5. Work Order / Contract / Invoice
Bon de commande / Contrat / Facture
4802035575

6. Item / <i>Item</i>	7. Description / <i>Description</i>	8. Part No. / <i>N° de pièce</i>	9. Qty / <i>Qté</i>	10. Serial No. / <i>N° série</i>	11. Status / Work / <i>Etat / Travaux</i>
1	Bearing/Roulement	3G6430V00153	66	From S/N 21233 to S/N 21255 From S/N 21257 to S/N 21299	NEW

12. Remarks / *Remarques*
DATE LIMITE OF PEREMPTION July 2024 / DATE LIMITE DE PEREMPTION Juillet 2024 S/N 21233 TO S/N 21255
DATE LIMITE OF PEREMPTION July 2024 / DATE LIMITE DE PEREMPTION Juillet 2024 S/N 21257 TO S/N 21299

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 12, the work identified 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



CP

13c Approval/Autorisation Number
Numéro d'agrément/d'autorisation
FR.21G.0052

14b Authorised Signature
Signature autorisée

14c Certificate/Approval Ref. No
N° du Certificat/Agrément

13d Name / *Nom*

Christelle Pala

13e Date (dd mmm yyyy) / *Date (jj mmm aaaa)*
15 Jul 2021 / 15 Jul 2021

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, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from 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.

