


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/23/142
OUR REFERENCE: 9M-BOB-16963
WO REFERENCE: 2023-16963
DATE COMPLETION: 18 SEPT 2023
AJL NUMBER: 000122

A/C DETAILS								
A/C TYPE	AW139	A/C REG	9M-BOB	A/C S/N	11212			
OWNER / OPERATOR	FIRE AND RESCUE DEPT. OF MALAYSIA	A/C TOTAL TIME	3846:27	LANDINGS	4454			
ENGINE #1 S/N	PCE-BC0308	T.S.N	1071:17	T.S.O	-			
ENGINE #2 S/N	PCE-BC0358	T.S.N	3049:57	T.S.O	-			
LIST OF TASKS PERFORMED	WP NUMBER	NUMBER OF PAGES						
		*WS	*PR	*TR	*ARC	*S	*SBC	*OTH
ASB 109EP-180 REV./ ATA 64 – TR HOUSING AND SLIDER GROUP DISASSEMBLY AND REASSEMBLY	-001	1	1	1	-	-	-	1
AF 400FH // 24 MONTHS INSP	-002	1	1	1	-	-	-	-
*THIS IS TO CERTIFY THAT TASKS LISTED ABOVE HAS BEEN ACCOMPLISHED AS PER PO/WORK ORDER/SERVICE ORDER NO. 1AS ABOVE.								
NAME	NURUL AMIRA	SIGNATURE		DATE	02 OCT 2023			
VERIFIED AND ACCEPTED BY				NUR HUSNINA BINTI MUHAMAD ZURAIIDI CAMO Planner Galaxy Aerospace (M) Sdn Bhd (1040262-D)				
DATE				06 OCT 2023				

- *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: 2023-16963

Work Pack Reference: 9M-BOB-16963

Date Issued: 04/09/2023

A/C Registration / SN: 9M-BOB/11212

Sheet: 1 of 1

Description:

Item	Description/Task/Inspection	Reference	Man Hours
1	ASB NO. 109EP-180 REV./ - ATA 64 - TAIL ROTOR HOUSING AND SLIDER GROUP DISASSEMBLY AND REASSEMBLY	ASB NO. 109EP-180 REV./ PART II	<u>28.0</u> (PLEASE ADVISE)
2	AF 400 FH // 24 MONTHS INSPECTION	MPM 05-50-1, MPM 05-70-0	<u>18.0</u> (PLEASE ADVISE)

DUE AT 4103:11 FH // 12/04/2024

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	WORKPACK NO:	9M-BOB-16963
AIRCRAFT TYPE: A109E	AIRCRAFT 11212	3846:27	4454	WORK/INSP/DESC:	SCHEDULED INSP
REGISTRATION: 9M-BOB	#1 ENGINE: PCE-BC0308	1071:17	-	AERONET JOB NO.:	2023-16963
BASE/FACILITY: M1AT	#2 ENGINE: PCE-BC0358	3049:57	-	AJL REF NO.:	000122
DATE IN: 11.9.23 OUT: 18.9.23			NG / N1	NF / N2	SHEET: 1 OF 1

Reason for raising: SCHEDULED INSPECTION TO BE CARRIED OUT I.A.W. IETP A109E, 34TH ISSUE: 2023-06-06, AMP NO. JBPM/CAMO/AMP/A109E ISSUE 2 REV. 0 & ASB 109EP-180 REV./ DATED MARCH 21, 2023

Raised by and date: CAMO; Husnina 04/09/2023

Other requirements/information: NIL

List of scheduled inspection and all work carried out under this workpack including individual reference

NO.	INSPECTION / WORK	WORKSHEET REF	DATE INSPECTION COMPLETED	Master Signature Schedule		
				NAME	SIGNATURE	APP/STAMP
1	ASB NO. 109EP-180 REV./ - ATA 64 - TAIL ROTOR HOUSING AND SLIDER GROUP DISASSEMBLY AND REASSEMBLY	16963-001	18.9.23	HASIFF	<i>Hasiff</i>	
2	AF 400 FH // 24 MONTHS INSPECTION	16963-002	18.9.23	LUAMAN	<i>Luaman</i>	81M
				AKMAL HIDAYAT	<i>Akmal</i>	8320

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: *Hasiff* Date & Time: 18.9.23 1700

PART 145 - AMO RELEASE STATEMENT AMO/2016/02
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	ADZRAEI HASIFF
SIGN & APPROVAL	<i>Hasiff</i>
FIRM	GAM
DATE	18.9.2023


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 MAINTENANCE SOFTWARE.

NAME	SIGN & APPROVAL	DATE
NUR HUSNINA BINTI MUHAMAD ZURAIDI	<i>Husnina</i>	25/09/23
CAMO Planner		
Galaxy Aerospace (M) Sdn Bhd		



CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:	16963-001
AIRCRAFT TYPE: A109E	AIRCRAFT	11212	REFER WORKPACK	WORK/INSP/DESC:	ASB 109EP-180
REGISTRATION: 9M-BOB	#1 ENGINE:	PCE-BC0308	REFER WORKPACK	WORKPACK REF:	9M-BOB-16963
BASE/FACILITY: MIAI	#2 ENGINE:	PCE-BC0358	REFER WORKPACK	AJL REF NO.:	REFER WORKPACK
DATE IN: REFER WORKPACK				SHEET:	1 OF 1
OUT: REFER WORKPACK			NG / N1	NF / N2	

Reason for raising: SCHEDULED INSPECTION TO BE CARRIED OUT I.A.W. IETP A109E, 34TH ISSUE: 2023-06-06, AMP NO. JBPM/CAMO/AMP/A109E ISSUE 2 REV. 0 & ASB 109EP-180 REV./ DATED MARCH 21, 2023	Raised by and date: CAMO; Husnina 04/09/2023	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
1	<p>ASB NO. 109EP-180 REV./ PART II</p> <p>ATA 64 - TAIL ROTOR HOUSING AND SLIDER GROUP DISASSEMBLY AND REASSEMBLY</p> <p>TO FOLLOW SUCH UPDATED INSTRUCTIONS WHENEVER THE TR DUPLEX BEARING HOUSING IS ASSEMBLED. DURING THE PROCEDURE, THE OPERATOR MUST OBEY THE LOCAL REGULATIONS APPLICABLE TO THE VITAL POINTS.</p> <p>REFERENCE: ASB 109EP-180 REV./ DATED MARCH 21, 2023</p> <p>REMARKS: CARRIED OUT AND FOUND SATISFACTORY FOR INDEPENDENT INSPECTION REFER WP 9M-BOB-16715</p>	<p><i>Alif</i></p> <p>7320</p>	<p><i>Husnina</i></p> 	18.9.23

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. **AMO/2016/02**

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'D /SCHEDULED RETURNED	DEF FAILED	DUPLICATE ITEM	GROUND KIT	HIGHLIGHTS	ISSUE TRAC	ADDITIONAL WORKSHEET	UNRESOLVED DEFECT	PLANNING WORKSHEET	DIAGN REPORT	STATUS UPDATE	DEF STATUS	AIRCRAFT LOGBOOK	ENGINE OIL BOOK	PROPERTY LOGBOOK	ISSUE TAGS	DEFINITIVE LIT CASE	UNRESOLVED DEFECT
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CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA	SERIAL NO. 11212	HOURS	LDG/CYCLE		WORKSHEET NO: 16963-001
AIRCRAFT TYPE: A109E	AIRCRAFT 11212	REFER WORKPACK			WORK/INSP/DESC: ASB 109EP-180
REGISTRATION: 9M-BOB	#1 ENGINE: PCE-BC0308	REFER WORKPACK			WORKPACK REF: 9M-BOB-16963
BASE/FACILITY: MIAT	#2 ENGINE: PCE-BC0358	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:	Raised by and date:	Other requirements/information:
SCHEDULED INSPECTION TO BE CARRIED OUT I.A.W. IETP A109E, 34TH ISSUE: 2023-06-06, AMP NO. JBPM/CAMO/AMP/A109E ISSUE 2 REV. 0 & ASB 109EP-180 REV./ DATED MARCH 21, 2023	CAMO; Husnina 04/09/2023	NIL

Item	Part No	Description	Serial Number		Qty	Position	Reason	Lifed Item Information TSN/TSO/DUE/TIMEX	Release Reference
			Off	On					

NAME	FIRM	SIGN & APPROVAL	DATE
ADZRAEI HASIFF	GAM	 	18-9-23

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. AMO/2016/02

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

REF'S CHECKED RETURNED	DUPLICATE LOG	GROUND LOG	EXHIBIT LOG	PROBE LOG	ADDITIONAL ASSIGNMENT	NON IETP EFFECT	PLANNING LOG/CAT	DIAGNOSIS LOG	SCHEMATIC LOG	DUPLICATE LOG	DIAGNOSIS LOG	ENGINE LOG	PROPELLER LOG	LOG CART	GENERAL LOG	INSTRUMENT LOG
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CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:	16963-002
AIRCRAFT TYPE: A109E	AIRCRAFT	11212	REFER WORKPACK	WORK/INSP/DESC:	AF 400 FH // 24 MONTHS
REGISTRATION: 9M-BOB	#1 ENGINE:	PCE-BC0308	REFER WORKPACK	WORKPACK REF:	9M-BOB-16963
BASE/FACILITY: MIAT	#2 ENGINE:	PCE-BC0358	REFER WORKPACK	AJL REF NO.:	REFER WORKPACK
DATE IN: REFER WORKPACK				SHEET:	1 OF 1
OUT: REFER WORKPACK					
			NG / N1	NF / N2	

Reason for raising: SCHEDULED INSPECTION TO BE CARRIED OUT I.A.W. IETP A109E, 34TH ISSUE: 2023-06-06, AMP NO. JBPM/CAMO/AMP/A109E ISSUE 2 REV. 0 & ASB 109EP-180 REV./ DATED MARCH 21, 2023 AF 400 FH // 24 MONTHS INSPECTION	Raised by and date: CAMO; Husnina 04/09/2023	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
1	<p>MAIN ROTOR CONTROLS</p> <p>DISCONNECT PITCH CHANGE LINKS AND ROTATING SCISSORS (REMOVAL IS NOT REQUESTED) AND INSPECT SWASHPLATE DUPLEX BEARING FOR NOISE AND ROUGHNESS OF ROTATION.</p> <p>REF: 62-31-25.</p> <p>REMARKS: CARRIED OUT AND FOUND SATISFACTORY.</p>	 8114 	 	18.9.23
2	<p>DUPLEX BEARING T/R PITCH CHANGE MECHANISM</p> <p>LUBRICATE</p> <p>FOR P/N 109-0133-05-101 AND P/N 109-0133-05-105 ONLY</p> <p>REF: PARA 12-20-8, ASB NO. 109EP-180, NEW ISSUE PARA 3 (PART II)</p> <p>REMARKS: CARRIED OUT AND FOUND SATISFACTORY. FOR TR HUB AND BLADE INSTALLATION REFER 9M-BOB-16715.</p>	 8320 	 	18.9.23
2.1	<p>THE INDEPENDENT INSPECTION FOR TASK DUPLEX BEARING T/R PITCH CHANGE MECHANISM (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: Approval/Stamp: DATE: 18.9.23</p> <p>2nd Inspector Sign: Approval/Stamp: DATE: 18.9.23</p>			
3	<p>MAIN ROTOR DAMPER P/N 109-0112-38</p> <p>SERVICE DAMPERS</p> <p>REF: PARA 12-20-26</p> <p>REMARKS: NOT APPLICABLE DUE TO DIFFERENT DAMPER PH ON AIRCRAFT 109-0111-06-103</p>	-	 	18.9.23

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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. SCHEDULES RETRIEVED	DEF. RAISED	DEFINITION UPD.	GROUND SW.	FLIGHTS	TOWBAR	ADDITIONAL WORKSHEET	MONITOR DEFECT	PLANNING HUB	DIAG. IMAGE	STATUS IMAGE	DIS. STATUS	AIRCRAFT LOGBOOK	TRAINING LOG BOOK	PROJECT LOGBOOK	LOG TAGS	COMPARISON LOG CARD	MEMORANDUM BOOK
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CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA AIRCRAFT TYPE: A109E REGISTRATION: 9M-BOB BASE/FACILITY: MIAT DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:	16963-002
	AIRCRAFT	11212	REFER WORKPACK	WORK/INSP/DESC:	AF 400 FH // 24 MONTHS
	#1 ENGINE:	PCE-BC0308	REFER WORKPACK	WORKPACK REF:	9M-BOB-16963
	#2 ENGINE:	PCE-BC0358	REFER WORKPACK	AJL REF NO.:	REFER WORKPACK
			NG / N1	NF / N2	SHEET: 1 OF 1

REASON FOR RAISING: SCHEDULED INSPECTION TO BE CARRIED OUT I.A.W. IETP A109E, 34TH ISSUE: 2023-06-06, AMP NO. JBPM/CAMO/AMP/A109E ISSUE 2 REV. 0 & ASB 109EP-180 REV./ DATED MARCH 21, 2023 AF 400 FH // 24 MONTHS INSPECTION	Raised by and date: CAMO; Husnina 04/09/2023	Other requirements/information: NIL
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Item	Part No	Description	Serial Number		Qty	Position	Reason	Lifed Item Information TSN/TSO/DUE/TIMEX	Release Reference
			Off	On					
(This table is currently empty and crossed out with a diagonal line.)									

NAME	FIRM	SIGN & APPROVAL	DATE
ADZRAEI HASIFF	GAM	<i>Husnina</i> 	18.9.2023

*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. **AMO/2016/02**

*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'S AEEJED KUTUBI	DUPLICATE	GROUP	PERMITTED	PROXIE	ADDITIONAL	MONITORING	PLANNING	DIAGNOSTIC	STARTS	DISPATCH	ENGINE	PROPPELLER	LIFE	PERFORMANCE	INCIDENT
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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: 18.9.2023 21-MAR-2023
Number: 109EP-180 (PART 11)		
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: 603-77347226 Fax: 603-77347226 B.T. Compliance Date: 18/09/2023
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Helicopter Model	S/N	Total Number	Total Hours	T.S.O.
A109E	11212	1	3846:27	-

Remarks: **CARRIED OUT AND COMPLIED**
FOUND SATISFACTORY.

Kusult. 
 18.9.23

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:	11212	Work Pack No:	9M-BOB-16963
Aircraft Type:	A109E	DESC:	SCHEDULED
Aircraft Reg:	9M-BOB	PAGE:	1 Of 1

Description	Part No	Serial Number	Worksheet Ref No. / Item No.	Calibration Due Date
[Table content is obscured by a diagonal line]				