

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: 2022-9379

Work Pack Reference: 9M-BOD-9379

Date Issued: 03/01/2022

A/C Registration / SN: 9M-BOD/31291

Sheet: 1 of 1

Description:

Item	Description/Task/Inspection	Reference	Man Hours
1	300 FH INSPECTION (AIRFRAME AND ENGINE) <i>Due at 3210:54 FH</i>	AMPI 04-20 MI T2, 04-30 CMR T2 & 05-21 SUMC T3 & SRHS T6, EMM 05-20	94.00
2	300 FH // 1 Y INSPECTION <i>Due at 3210:54 FH // 14/09/2022</i>	AMPI 05-21, SUMC T3, GVC T2	91.00
3	ATA 24 OVERHEAD PANEL INSPECTION REFERENCES: EASA AD NO/300H//1Y SBA139-661 REV.A PART II (EASA AD NO.: 2021-0044 PARA (2)) <i>Due at 3210:54 FH</i>	SBA139-661 REV.A PART II	<u>1.0</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: FIRE AND RESCUE DEPT. OF MALAYSIA	AIRCRAFT	SERIAL NO. 31291	HOURS 3189:54	LDG/CYCLE 5926	WORKPACK NO: 9M-BOD-9379
AIRCRAFT TYPE: AW139	#1 ENGINE: PCE-KB0674		3189:54	-	WORK/INSP/DESC: SCHEDULE INSPECTION
REGISTRATION: 9M-BOD	#2 ENGINE: PCE-KB0658		3189:54	-	AERONET JOB NO.: 2022-9379
BASE/FACILITY: BERTAM 15/1/22				NG / N1	AJL REF NO.: 04590
DATE IN: 1/2/22 OUT: 14/2/22 ERE				NF / N2	SHEET: 1 OF 1
Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/ AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION				Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	
				Other requirements/information: NIL	

List of scheduled inspection and all work carried out under this workpack including individual reference. Master Signature Schedule

NO.	INSPECTION / WORK	WORKSHEET REF	NAME	TECH/INITIAL	SIGNATURE	APP/STAMP
1	300 FH INSPECTION (AIRFRAME AND ENGINE)	9379-001	RAFI ZAL	RA	RA	
2	300 FH // 1 Y INSPECTION	9379-002	RAZIF	RAZ	RAZ	
3	ATA 24 OVERHEAD PANEL INSPECTION REFERENCES: EASA AD NO/300H//1Y SBA139-661 REV.A PART II (EASA AD NO.: 2021-0044 PARA (2))	9379-003	MUHAMMAD SAUFI BIN MAHRI	Sub	Sub. 8141	-
			IZZAT Emir	I	I. 8265	-
			HARIS	HA	HA	
			ZAMRI	Z	Z	8134

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	NAME	FIRM	SIGN & APPROVAL	DATE
OEM PUBLICATION/ REVISION: AW139 IETP-40TH ISSUE: 2021-12-10 EMM P1CC-67C REVISION NO. 27.0, DATED 2021-11-08	MUHAMMAD RAZIF	GAM		15/2/22

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. ALL RELEVANT AIRCRAFT/ENGINE/ MODIFICATION LOGBOOK HAS BEEN UPDATED.	NAME	FIRM	SIGN & APPROVAL	DATE
	MUHAMMAD IHSAN MASRI CAMO Planner Galaxy Aerospace (M) Sdn. Bhd. (1040282-D)	GAM		18/02/2022



CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO.:	HOURS:	LDG/CYCLE:	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT: 31291	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BERTAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	SHEET: 1 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
1	18-02 MAST VIBRATION ABSORBER INSTALLATION COMPONENTS REFERENCE (DMC): 39-A-18-63-00-00A-31AA-K DO A DI FOR CONDITION, FRETTING AND WEAR OF THE CONTACT ZONE WITH THE MAST INTERNAL DIAMETER (MAST VIBRATION ABSORBER REMOVAL REQUIRED). TASK INCLUDES A DI OF ADJACENT MAST INTERNAL DIAMETER AREA REMARKS: NOT APPLICABLE DUE TO MVA NOT INSTALLED	-		10/2/22
1.1	THE DUPLICATE INSPECTION FOR TASK 18-02 MAST VIBRATION ABSORBER INSTALLATION COMPONENTS CARRIED OUT IN ACCORDANCE WITH THE DCAM AIRWORTHINESS NOTICES NO 51. 1st Inspector Sign: _____ Approval/Stamp: _____ DATE: _____ 2nd Inspector Sign: _____ Approval/Stamp: _____ DATE: _____			
2	18-03 MAST VIBRATION ABSORBER ASSEMBLY REFERENCE (DMC): 39-A-18-63-00-00A-310A-K DO A GVI CORROSION, INTEGRITY AND WEAR (MAST VIBRATION ABSORBER REMOVAL AND DISASSEMBLY REQUIRED) REMARKS: NOT APPLICABLE DUE TO NOT FITTED	-		10/2/22
2.1	THE DUPLICATE INSPECTION FOR TASK 18-03 MAST VIBRATION ABSORBER ASSEMBLY CARRIED OUT IN ACCORDANCE WITH THE DCAM AIRWORTHINESS NOTICES NO 51. 1st Inspector Sign: _____ Approval/Stamp: _____ DATE: _____ 2nd Inspector Sign: _____ Approval/Stamp: _____ DATE: _____			
3	21-02 COMPRESSOR DRIVE BELT (P/N 1768-60 ONLY) REFERENCE (DMC): 39-A-21-90-22-00A-31AA-K DO A DI TO CHECK BELT TENSION AND CONDITION (BELT FREQUENCY TENSION METER REQUIRED) REMARKS: NOT APPLICABLE DUE TO DIFFERENT P/N	-		10/2/22
4	CM24-03 ELECTRICAL POWER REFERENCE (DMC): 39-A-24-31-00-00A-320A-A OC OF GCU OVER-VOLTAGE PROTECTION FUNCTION <i>clo and found satis.</i> REMARKS: <i>REFER TO GROUND RUN FORM 011.</i>			14/2/22

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TICK WHERE APPLICABLE

PARTS LABELLED & RETURNED	DD FINISH	DUPLICATE INSP	CRG INS RUN	RIGHTS	TORQUE CHK	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	LIBRY UPDATE	STATUS UPDATE	DD STATUS	AIRCRAFT TOG BODY	ENGINE LOG BOOK	PROPELLER TOG BODY	TOG GIB	LEM/COMP TOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT: 31291	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BEPTAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	SHEET: 2 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
5	CM24-04 AC GENERATION SYSTEM (FIPS) REFERENCE (DMC): 39-B-24-21-00-00A-320B-A OC TO VERIFY THE CORRECT FUNCTIONALITY OF THE NUMBER 2 GENERATOR CONTROL UNIT (GCU) REMARKS : NOT APPLICABLE DUE TO FIPS NOT FITTED	-	<i>R.A.</i> 	10/2/22
6	24-04 BRUSHES (NUMBER 1 STARTER GENERATOR) REFERENCE (DMC): 39-A-24-31-01-01A-31AA-A DO A DI FOR WEAR TO ESTABLISH BRUSHES REPLACEMENT INTERVAL FOR INDIVIDUAL OPERATORS. IF REMAINING BRUSH LIFE EXCEED 700 HOURS, BRUSHES MUST BE REPLACED AT 1000 FH (GENERATOR REMOVAL REQUIRED) REMARKS: <i>C/O AND FOUND SATIS</i>	<i>Sub. 8141</i>	<i>R.A.</i> 	11/2/22
7	24-05 BRUSHES (NUMBER 2 STARTER GENERATOR) REFERENCE (DMC): 39-A-24-31-02-01A-31AA-A DO A DI FOR WEAR, TO ESTABLISH BRUSHES REPLACEMENT INTERVAL FOR INDIVIDUAL OPERATORS. IF REMAINING BRUSH LIFE EXCEED 700 HOURS, BRUSHES MUST BE REPLACED AT 1000 FH (GENERATOR REMOVAL REQUIRED) REMARKS: <i>C/O AND FOUND SATIS</i>	<i>Sub. 8141</i>	<i>R.A.</i> 	11/2/22
8	25-03 RESCUE HOIST SYSTEM CIRCUIT BREAKERS (CB87 AND CB88) REFERENCE (DMC): 39-A-25-91-00-00A-320B-K DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK) REMARKS: NOT APPLICABLE DUE TO DIFFERENT HOIST CONFIGURATION	-	<i>R.A.</i> 	10/2/22
9	25-04 RESCUE HOIST SYSTEM CABLE CUT SWITCH GUARD AND PUSH-BUTTON CONTACTS REFERENCE (DMC): 39-A-25-91-00-00A-320B-K DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK) REMARKS: NOT APPLICABLE DUE TO DIFFERENT HOIST CONFIGURATION	-	<i>R.A.</i> 	10/2/22
10	25-05 RESCUE HOIST SYSTEM ARMED RELAYS (K58 AND K59) AND TRIGGER RELAYS (K60 AND K61) REFERENCE (DMC): 39-A-25-91-00-00A-320B-K DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK) REMARKS: NOT APPLICABLE DUE TO DIFFERENT HOIST CONFIGURATION	-	<i>R.A.</i> 	10/2/22

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TICK ✓ WHERE APPLICABLE

PARTS LABELLED & RETURNED	DD: B-ASFO	DUPLICATE INCR	OVERLAP RUN	FOUGHT TEST	TECHNICAL CHG.	ADDITIONAL WORKSHEET	ADDITIONAL DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	DD STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	ITEM/COMP INST CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT: 31291	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BERJAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1	NF / N2
Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)			Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	
			Other requirements/information: NIL	

Item	Description	Technician	* Eng. CRS	Date
19	33-07 SX16 SEARCH LIGHT SHIELDED CABLES REFERENCE (DMC): 39-A-33-49-00-00A-365A-K DO A FC FOR ELECTRICAL CONTINUITY TO CHECK INTEGRITY OF SHIELDED CABLES (CABLES REMOVAL REQUIRED) REMARKS: NOT APPLICABLE DUE TO SYSTEM NOT FITTED	-	<i>RAI</i> 	10/2/22
20	33-09 SX5 SEARCH LIGHT JUNCTION BOX REFERENCE (DMC): 39-F-33-49-00-00A-310A-K DO A GVI FOR MOISTURE AND DUST (BACK COVER REMOVAL REQUIRED) REMARKS: NOT APPLICABLE DUE TO SX5 SEARCH LIGHT NOT INSTALLED	-	<i>RAI</i> 	10/2/22
21	33-11 SX5 SEARCH LIGHT ELECTRICAL CABLES AND TERMINAL CONNECTIONS REFERENCE (DMC): 39-F-33-49-00-00A-310A-K DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE. CONNECTORS FOR CONDITION, SAFETY AND SECURITY (BACK COVER REMOVAL REQUIRED) REMARKS: NOT APPLICABLE DUE TO SX5 SEARCH LIGHT NOT INSTALLED	-	<i>RAI</i> 	10/2/22
22	33-12 SX5 SEARCH LIGHT SHIELDED CABLES REFERENCE (DMC): 39-F-33-49-00-00A-310A-K DO A FC FOR ELECTRICAL CONTINUITY TO CHECK INTEGRITY OF SHIELDED CABLES (CABLES REMOVAL REQUIRED) REMARKS: NOT APPLICABLE DUE TO SYSTEM NOT FITTED	-	<i>RAI</i> 	10/2/22
23	33-13 XP SEARCH LIGHT REFERENCE (DMC): 39-D-33-49-01-00A-311A-K DO A VC OF FAN FILTER FOR CLEANLINESS REMARKS: NOT APPLICABLE DUE TO XP SEARCH LIGHT NOT INSTALLED	-	<i>RAI</i> 	10/2/22
24	33-16 XP SEARCH LIGHT ELECTRICAL CABLES AND TERMINAL CONNECTIONS REFERENCE (DMC): 39-D-33-49-00-00A-310A-K DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE. CONNECTORS FOR CONDITION, SAFETY AND SECURITY (BACK COVER REMOVAL REQUIRED) REMARKS: NOT APPLICABLE DUE TO XP SEARCH LIGHT NOT INSTALLED	-	<i>RAI</i> 	10/2/22
25	33-17 XP SEARCH LIGHT SHIELDED CABLES REFERENCE (DMC): 39-D-33-49-00-00A-310A-K DO A FC FOR ELECTRICAL CONTINUITY TO CHECK INTEGRITY OF SHIELDED CABLES (CABLES REMOVAL REQUIRED) REMARKS: NOT APPLICABLE DUE TO XP SEARCH LIGHT NOT INSTALLED	-	<i>RAI</i> 	10/2/22

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TICK ✓ WHERE APPLICABLE

PARTS UNFILED & RETURNED	DD INDEXED	DISPATCH INDEX	ORG INO FILE	FLIGHT TEST	FORGIVE CHK	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	DD STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	CLEW/COMP LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO. 31291	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BEPTAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1	NF / N2
Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)				Other requirements/information: NIL

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022
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Item	Description	Technician	* Eng. CRS	Date
26	MI53-01 TGB FITTING (FASTENERS IN SKIN AND SPAR) DETAILED INSPECTION FOR CRACKS (BOTH INTERNAL AND EXTERNAL SIDES) REFERENCE (DMC): 39-A-53-40-00-00A-31AC-A TMI 139-487 REVISION B REMARK:THE PRESENT TMI WILL BE EVALUATED FOR ITS INTRODUCTION IN THE STANDARD SET OF TECHNICAL PUBLICATION. IF NO FURTHER NOTICE IS RECEIVED, THE PRESENT DOCUMENT EXPIRES ON: JANUARY, 29TH 2022.	-	fas  	10/2/22
27	MI53-02 MAIN LANDING GEAR LH PANEL REFERENCE (DMC): 39-A-53-10-00-00A-310A-A GENERAL VISUAL INSPECTION FOR DAMAGE REMARKS: C/O FOUND SATIS	 S139	fas  	10/2/22
28	MI53-03 MAIN LANDING GEAR RH PANEL REFERENCE (DMC): 39-A-53-10-00-00A-310A-A GENERAL VISUAL INSPECTION FOR DAMAGE REMARKS: C/O FOUND SATIS	 824	fas  	10/2/22
29	MI53-05 TAIL STRUCTURE ASSEMBLY (TAIL CONE RH/LH PANELS UPPER AND LOWER JOINT) REFERENCE (DMC): 39-A-53-40-00-00A-31AB-A DETAILED INSPECTION FOR CRACKS (BOTH INTERNAL AND EXTERNAL SIDES) REMARKS: C/O FOUND SATIS	 8265	fas  	10/2/22
30	MI53-06 TAIL STRUCTURE ASSEMBLY (TAIL CONE JOINT STA 11020) REFERENCE (DMC): 39-A-53-40-00-00A-31AB-A DETAILED INSPECTION FOR CRACKS (BOTH INTERNAL AND EXTERNAL SIDES) REMARKS: C/O FOUND SATIS	 8265	fas  	10/2/22
31	MI53-07 FUSELAGE STRUCTURE ASSEMBLY (FORWARD MGB ROD BACKUP STRUCTURE) REFERENCE (DMC): 39-A-53-10-00-00A-31AA-A DETAILED INSPECTION FOR CRACKS NOTE : THE 300 FH INTERVAL IS EXTENDED UP TO 1300 FH FOR ALL HELICOPTERS EXCEPT S/N FROM 31003 TO 31011. REMARKS: C/O FOUND SATIS	 8265	fas  	10/2/22

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TICK ✓ WHERE APPLICABLE

PARTS USED & RETURNED	DD PAGE 0	DUPLICATE INSP	GROUND FUEL	FLIGHTS	TOPSIC CHK	AUTOMATIC WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	DD STATUS	AIRCRAFT LOG BODY	ENGINE LOG BODY	PROPELLER LOG BODY	LOG CARD	ETV/COMP 10/10/20	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT: 31291	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BEPTAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK DATE OUT: REFER WORKPACK			NG / N1	NF / N2
Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)			Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL

Item	Description	Technician	* Eng. CRS	Date
32	MI53-08 FUSELAGE STRUCTURE ASSEMBLY (AFT MGB ROD BACKUP STRUCTURE AND FITTING PART NUMBER 3P5330A11251) REFERENCE (DMC): 39-A-53-10-00-00A-31AA-A DETAILED INSPECTION FOR CRACKS NOTE: THE 300 FH INTERVAL IS EXTENDED UP TO 1300 FH IF THE FUSELAGE STRUCTURE ASSEMBLY P/N 3G5300X00135 OR THE CRUCIFORM FITTING RETROMODIFICATION P/N 3G5306P36711 ARE INSTALLED ON THE ROTORCRAFT. NOTE: WHEN THE 3750 FH ARE REACHED, THE 300 FH INTERVAL IS REDUCED TO 150 FH IF THE RETRO MODIFICATION P/N 3G5306P36711 OR P/N 3G5306P39211 IS NOT APPLIED. REMARKS: C/O FOUND SATIS	<i>[Signature]</i> 8139	<i>[Signature]</i> 	10/2/22
33	53-38 TAIL ASSEMBLY REFERENCE (DMC): 39-A-53-40-00-00A-31AJ-A DO A DI (HAMMER TAPPING CHECK) FOR SIGNS OF DEBONDING REMARKS: C/O FOUND SATIS	<i>[Signature]</i> 8265	<i>[Signature]</i> 	10/2/22
34	55-04 TAIL PLANE SPHERICAL BEARINGS (PARTS OF ROD ASSEMBLIES) REFERENCE (DMC): 39-A-55-11-00-00A-320A-A; 39-A-55-11-02-00A-31AA-B; 39-A-55-11-03-00A-31AA-B DO AN OC FOR PLAY (NO REMOVAL AND QUANTITATIVE MEASUREMENT REQUIRED). IF UNUSUAL PLAY IS FELT, REMOVE ROD ASSEMBLY AND PERFORM A DI FOR CONDITION, DAMAGE AND PLAY (RADIAL PLAY CHECK ONLY) (MAXIMUM PLAY ALLOWED 0.3 MM - 0.0118 IN) REMARKS: C/O FOUND SATIS	<i>[Signature]</i> 8265	<i>[Signature]</i> 	10/2/22
35	62-03 MAIN ROTOR BLADE TIP AND MASS BALANCE WEIGHT POCKET COVER AREA REFERENCE (DMC): 39-A-62-11-00-00B-310A-A DO A GVI FOR DEBONDING AND DAMAGE (BLADE REMOVAL NOT REQUIRED) REMARKS: C/O FOUND SATIS	<i>[Signature]</i> 8139	<i>[Signature]</i> 	10/2/22
36	62-40 ROTATING CONTROLS INSTALLATION - LOWER HALF SCISSORS SPHERICAL BEARING REFERENCE (DMC): 39-A-62-31-02-00A-31AA-B; 39-C-62-31-02-00A-31AA-B DO A DI FOR CONDITION, DAMAGE AND PLAY (REMOVAL OF ROTATING SCISSORS ASSEMBLIES REQUIRED) (AXIAL PLAY CHECK ONLY) (MAXIMUM PLAY ALLOWED 0.2 MM - 0.0079 IN) REMARKS: C/O FOUND SATIS	<i>[Signature]</i> 8265	<i>[Signature]</i> 	10/2/22

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TICK ✓ WHERE APPLICABLE

PARTS CHECKED & RETURNED	DDI PASSED	DUPLICATE INSP	GROUND RUN	FLIGHT TEST	TORQUE CHK	ADDITIONAL WORK SHEET	MONITORED DEFECT	PLANNING WORKSHEET	DIARY UPDATE	STATUS UPDATE	DDI STATUS	AIRCRAFT LOG BODY	ENGINE LOG BODY	PROPELLER LOG BODY	LOG CARD	DEVIATION LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO. 31291	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BERJAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	SHEET: 7 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
36.1	THE DUPLICATE INSPECTION FOR TASK 62-40 ROTATING CONTROLS INSTALLATION - LOWER HALF SCISSORS SPHERICAL BEARING CARRIED OUT IN ACCORDANCE WITH THE DCAM AIRWORTHINESS NOTICES NO 51. 1st Inspector Sign: <u>[Signature]</u> Approval/Stamp: DATE: 12/2/22 2nd Inspector Sign: <u>[Signature]</u> Approval/Stamp: DATE: 12/2/22			
37	63-33 ROTOR BRAKE PADS REFERENCE (DMC): 39-A-63-51-05-01A-361A-A DO A DI FOR WEAR. DISCARD PADS IF THICKNESS IS 2 MM (0.079 IN) OR LOWER REMARKS: C/O FOUND SATIS	<u>[Signature]</u> S139		12/2/22
38	63-34 ROTOR BRAKE DISC REFERENCE (DMC): 39-A-63-51-02-00A-361A-A DO A DI FOR WEAR. DISCARD DISC IF THICKNESS IS 9 MM (0.354 IN) OR LOWER. DISCARD DISK EVERY TWO PAD REPLACEMENTS OR AFTER EMERGENCY BRAKING ACTIVATION REMARKS: C/O FOUND SATIS	<u>[Signature]</u> S139		12/2/22
39	64-28 ROTATING CONTROLS INSTALLATION - SLIDING TUBE/BUSHINGS REFERENCE (DMC): 39-A-64-31-00-00A-31AC-A DO A DI FOR DAMAGE, CONDITION AND PLAY (BOOT REMOVAL REQUIRED) REMARKS: C/O FOUND SATIS	<u>[Signature]</u> 8265		13/2/22
39.1	THE DUPLICATE INSPECTION FOR TASK 64-28 ROTATING CONTROLS INSTALLATION - SLIDING TUBE/BUSHINGS CARRIED OUT IN ACCORDANCE WITH THE DCAM AIRWORTHINESS NOTICES NO 51. 1st Inspector Sign: <u>[Signature]</u> Approval/Stamp: DATE: 13/2/22 2nd Inspector Sign: <u>[Signature]</u> Approval/Stamp: DATE: 13/2/22	<u>[Signature]</u> 8129 EIE		
40	64-29 ROTATING CONTROLS INSTALLATION - SCISSORS REFERENCE (DMC): 39-A-64-31-00-00A-31AB-A DO A DI FOR DAMAGE, CONDITION AND PLAY REMARKS: C/O FOUND SATIS.	<u>[Signature]</u> 8265		13/2/22

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*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK ✓ WHERE APPLICABLE

PARTS ISSUED & RETURNED	DDI PAGE#	DUPLICATE INSP	GROUND RUN	FLIGHT TEST	TORQUE CHK	ADDITIONAL WORK/DEFECT	MONITORED DEFECT	PLANNING FOR/FURT	DIARY UPDATE	STATUS UPDATE	DDI STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG SHEET	ENVYCOMP LOG SHEET	MOD/RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: AW139 REGISTRATION: 9M-BOD BASE/FACILITY: BEKAM DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO: 9379-001
	AIRCRAFT	31291	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
			NG / N1	NF / N2	SHEET: 8 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
41	64-31 TAIL ROTOR BLADES EROSION SHIELD REFERENCE (DMC): 39-A-64-11-00-00B-310A-A DO A GVI FOR EVIDENCE OF EROSION AND DEBONDING REMARKS: C/O FOUND SATIS	<i>Jui</i> 8265	<i>fd</i> 	14/2/22
42	65-54 NUMBER 1 TAIL ROTOR DRIVE SHAFT 39-B-65-11-01-00A-31AA-A NUMBER 1 TAIL ROTOR DRIVE SHAFT DO A DETAILED INSPECTION FOR DAMAGE AND CONDITION REF: REMARKS: C/O FOUND SATIS	<i>Jui</i> 8265	<i>fd</i> 	10/2/22
43	MI64-06 TAIL ROTOR DAMPER (PART NUMBER 3G6420V00851) REFERENCE (DMC): 39-C-64-21-00-00A-31AA-A DETAILED INSPECTION OF BODY FOR CRACKS IN THE ELASTOMER REMARKS: NOT APPLICABLE DUE TO DIFFERENT P/N	-	<i>fd</i> 	10/2/22
44	67-10 TAIL ROTOR CONTROL BELLCRANKS Y8/Y9 AND Y9/Y10 REFERENCE (DMC): 39-A-67-20-00-00A-31AA-A DO A DI FOR EVIDENCE OF PLAY BETWEEN LEVER AND SUPPORT REMARKS: C/O FOUND SATIS	<i>Jui</i> 8265	<i>fd</i> 	14/2/22
45	71-14 ENGINE BAY DRAINS REFERENCE (DMC): 39-A-71-71-00-00A-320A-A DO AN OC FOR EVIDENCE OF BLOCKAGE REMARKS: C/O FOUND SATIS	<i>Jui</i> 8265	<i>fd</i> 	14/2/22
46	71-24 REAR EXHAUST COWLINGS EXTERNAL SURFACE AND LOUVERS (IF INSTALLED) REFERENCE (DMC): 39-A-71-11-00-00A-310A-A DO A GVI FOR CONDITIONS AND DAMAGES. REMARKS: C/O FOUND SATIS	<i>Jui</i> 8265	<i>fd</i> 	14/2/22

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*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK ✓ WHERE APPLICABLE

PARS UNRECORDED	BO E-LOGS	DUPLICATE INSP	GROUND SW	FURNITURE	TORQUE CHK	ADDITIONAL WORKSHEET	UNREPORTED DEFECT	PLANNING FORECAST	SWAY UPDATE	STATUS UPDATE	EO STATUS	AIRCRAFT LOG BODY	ENGINE LOG BODY	PROPELLER LOG BODY	LOG CARD	ENGINE OIL LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO. 31291	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BEPTAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK		NG / N1	NF / N2	SHEET: 9 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT&C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
47	71-28 IBF LH/RH DIFFERENTIAL PRESSURE SWITCH REFERENCE (DMC): 39-A-71-61-05-09A-340A-K DO THE FC FOR FOR CORRECT FUNCTIONING NOTE: TASK TO BE ALSO PERFORMED IF DURING THE PRE-FLIGHT CHECK THE FILTER MAINTENANCE AID IS FOUND IN THE RED ZONE AND DURING THE PREVIOUS FLIGHT NO EAPS PRESS CAUTION ILLUMINATED ON MFD. REMARKS: NOT APPLICABLE DUE TO IBF NOT INSTALLED	-	R.A. 	10/21/22
48	76-01 POWER CONTROL SYSTEM REFERENCE (DMC): 39-A-76-11-00-00A-320B-A DO AN OC IN ORDER TO VERIFY THE CORRECT OPERATION AND SETTING PROCEEDURE. REMARKS: 14/2 C/O FOUND SATIS	Juni 8265	POA	14/2/22
49	78-01 EXHAUST DUCT AND EXTERNAL INSULATION (IF INSTALLED) INCLUDING FIREWALL, SUPPORT AND FRAME REFERENCE (DMC): 39-A-78-10-00-00A-028A-A DO A DI FOR CONDITION AND DAMAGE. INCLUDES GVI OF FIREWALLS EXTERNAL SURFACE AND SEALS REMARKS: C/O FOUND SATIS	Juni 8265	POA	14/2/22
50	78-02 EXHAUST DUCT [36] REFERENCE (DMC): 39-A-78-10-00-00A-31AB-A DO A DI FOR PRESENCE OF CRACKS NEAR THE SUPPORT BRACKET NOTE: INCLUDING ALSO THE HELICOPTERS CONFIGURATION THAT ARE COMPLIANT WITH BT139-355 (RETRO MODIFICATION P/N 3G7806P04211 AND P/N 3G7806P05211). REMARKS: C/O FOUND SATIS	Juni 8265	POA	14/2/22
51	78-03 EXHAUST DUCT SADDLE REFERENCE (DMC): 39-A-78-10-00-00A-31AC-A DO A DI FOR PRESENCE OF CRACKS, INCLUDING A FC OF THE ATTACHING BOLTS OF THE SADDLE TO THE UPPER DECK STRUCTURE. REMARKS: C/O FOUND SATIS	Juni 8265	POA	14/2/22

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TICK ✓ WHERE APPLICABLE

PARTS LABELED & RETURNED	D/D PASSED	DUPPLICATE INSP	GRO/IND RUN	FLIGHT TEST	GROUND CHK	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	D/D STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER INS BOOK	LOG CARD	GEN/COMP LOG CARD	MOD/RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: AW139 REGISTRATION: 9M-BOD BASE/FACILITY: BERTAM DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO: 9379-001
	AIRCRAFT	31291	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
			NG / N1	NF / N2	SHEET: 10 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
52	93-04 OPLS LASER SENSORS SUPPORTS REFERENCE (DMC): 39-A-93-62-00-00C-310A-K DO A GVI FOR CRACKS, CORRECT INSTALLATION AND SECURITY OF ATTACHMENT. NOTE: THE TASK MUST BE PERFORMED EVERY YEAR FROM THE INSTALLATION DATE THAT IS INTENDED AS THE DATE THE ASSEMBLY IS INSTALLED ON THE AIRCRAFT EITHER FROM NEW OR FROM THE LAST OVERHAUL. NOTE: THE TASK IS ALSO REQUIRED IMMEDIATELY AFTER REMOVAL FROM THE HELICOPTER IN CASE OF LONG TERM STORAGE FORECAST. REMARKS: NOT APPLICABLE DUE TO SYSTEM NOT FITTED	-	R.A. 	10/2/22
53	CM95-02 FLOTATION SYSTEM (AEROSEKUR AND AERAZUR) REFERENCE (DMC): 39-A-95-61-00-00A-320A-K OC OF THE K41 AND K42 RELAYS TO VERIFY THAT THE CONTACTS ARE NOT FAILED IN CLOSED POSITION REMARKS: clo AND FOUND SATIS	R.A. 4141 	R.A. 	12/2/22
54	CM95-03 FLOTATION SYSTEM (AEROSEKUR) (NOTE 6) REFERENCE (DMC): 39-A-95-61-00-00A-320A-K OC OF THE FLOTATION SWITCHES P/N 3G9560V01151 OR P/N 3G9560V02951 TO VERIFY THAT ARE NOT FAILED IN CLOSED POSITION NOTE: THIS TASK IS APPLICABLE TO THE CONTROL PANELS P/N 3G9560V00553 AND P/N 3G9560V00552 (NVG OPERATION) ONLY. REMARKS: NOT APPLICABLE DUE TO DIFFERENT P/N FITTED	-	R.A. 	10/2/22
55	CM95-04 FLOTATION SYSTEM (AEROSEKUR) (NOTE 6) REFERENCE (DMC): 39-A-95-61-00-00A-320A-K OC OF THE GUARDED ARM AND PUSHBUTTON SWITCHES LOCATED ON THE PILOT AND CO-PILOT COLLECTIVE GRIP TO VERIFY THAT ARE NOT FAILED IN CLOSED POSITION NOTE: THIS TASK IS APPLICABLE TO THE CONTROL PANELS P/N 3G9560V00553 AND P/N 3G9560V00552 (NVG OPERATION) ONLY. REMARKS: NOT APPLICABLE DUE TO DIFFERENT P/N INSTALLED	-	R.A. 	10/2/22

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TICK ✓ WHERE APPLICABLE

PARTS LABELED & RETURNED	D/D BASED	DUPLICATE INFO	GROUND PLAN	FLIGHT TEST	TOPPING CHK	ADDITIONAL WORK SHEET	MONITORED DEFECT	PLANNING FORECAST	SNAP UPDATE	STATUS UPDATE	D/D STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	COMPONENT LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO. 31291	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-001
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BERTAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	SHEET: 11 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
56	CM95-05 FLOTATION SYSTEM (AEROSEKUR) (NOTE 6) REFERENCE (DMC): 39-A-95-61-00-00A-320D-K OC OF THE EMERGENCY FLOAT CONTROL PANEL TO VERIFY THAT THE ARM SWITCH CONTACT AND/OR LAMP TEST SWITCH CONTACT ARE NOT FAILED IN CLOSED POSITION NOTE: THIS TASK IS APPLICABLE TO THE CONTROL PANELS P/N 3G9560V00553 AND P/N 3G9560V00552 (NVG OPERATION) ONLY. REMARKS: NOT APPLICABLE DUE DIFFERENT P/N INSTALLED	-	 	10/2/22
57	CM95-06 FLOTATION SYSTEM (DART) REFERENCE (DMC): 39-C-95-61-00-01A-320A-K OC OF THE K330 AND K331 RELAYS TO VERIFY THAT THE CONTACTS ARE NOT FAILED IN CLOSED POSITION REMARKS: NOT APPLICABLE DUE TO SYSTEM NOT FITTED	-	 	10/2/22
58	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS : ENGINE #1 EXTERNALS - P2.8 CHECK VALVE (PRE-SB41103) REFERENCE: EMM 05.20.00 ; EMM 72-30-04, GAS GENERATOR CASE MAINTENANCE PRACTICES VISUAL INSPECTION AND DIMENSIONAL INSPECTION REMARKS: NOT APPLICABLE DUE TO POST-SB41103	 8441	 	12/2/22
59	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS ENGINE #1 FUEL SYSTEM REFERENCE: EMM 05.20.00 FUEL SYSTEM ; EMM 73-10-05 ; 72-00-00 FUEL NOZZLES: REMOVE, CLEAN AND DO A FUNCTIONAL CHECK ON ONLY THE FOUR TOP POSITIONED NOZZLES AT LOCATION 1,2,13 & 14 IF SIGNIFICANT CARBON BUILD-UP OR SIGNS OF DISTRESS IS OBSERVED, DO A BOROSCOPE CHECK FOR DAMAGE TO THE COMBUSTOR AND THE CT VANE NOTE: REFER EMM CHAPTER 05.20.00 TABLE 2 SCHEDULED MAINTENANCE CHECKS FUEL SYSTEM FOR FURTHER INFORMATION. REMARKS: C/O FOUND SATIS	 8441	 	12/2/22
60	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS : ENGINE #2 EXTERNALS P2.8 CHECK VALVE (PRE-SB41103) REFERENCE: EMM 05.20.00 ; EMM 72-30-04, GAS GENERATOR CASE MAINTENANCE PRACTICES VISUAL INSPECTION AND DIMENSIONAL INSPECTION REMARKS: NOT APPLICABLE DUE TO POST-SB41103	-	 	12/2/22

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TICK ✓ WHERE APPLICABLE

PARTS LABELED & RETURNED	TOO RAGED	INDICATE INSP	GROUND SWL	FLIGHT TEST	TOPLINE CHK	ADDITIONAL WORK SHEET	MONITORED DEFECT	PLANNING FORECAST	EMP UPDATE	STATUS UPDATE	TO STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	CEM/COMP LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AW139 AIRCRAFT TYPE: 9M-BOD REGISTRATION: 9M-BOD BASE/FACILITY: BER-TAM DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO: 9379-001	
	AIRCRAFT	31291	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION	
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379	
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK	
				NG / N1	NF / N2	SHEET: 12 OF 12

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH INSPECTION (AIRFRAME AND ENGINE)	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
61	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS ENGINE #2 FUEL SYSTEM REFERENCE: EMM 05.20.00 FUEL SYSTEM ; EMM 73-10-05 ; 72-00-00 FUEL NOZZLES: REMOVE, CLEAN AND DO A FUNCTIONAL CHECK ON ONLY THE FOUR TOP POSITIONED NOZZLES AT LOCATION 1,2,13 & 14 IF SIGNIFICANT CARBON BUILD-UP OR SIGNS OF DISTRESS IS OBSERVED, DO A BOROSCOPE CHECK FOR DAMAGE TO THE COMBUSTOR AND THE CT VANE NOTE: REFER EMM CHAPTER 05.20.00 TABLE 2 SCHEDULED MAINTENANCE CHECKS FUEL SYSTEM FOR FURTHER INFORMATION. REMARKS: C/O FOUND SATIS		 	12/2/22
62	ENGINE #1 OIL SYSTEM - COMPRESSOR ROTOR, FIRST-STAGE REFERENCE: EMM 72-30-05 (COMPRESSOR ROTOR - MAINTENANCE PRACTICES). VISUAL CHECK FOR FOD, EROSION AND OVERALL CONDITION REMARKS: C/O FOUND SATIS		 	12/2/22
63	ENGINE #2 OIL SYSTEM - COMPRESSOR ROTOR, FIRST-STAGE REFERENCE: EMM 72-30-05 (COMPRESSOR ROTOR - MAINTENANCE PRACTICES). VISUAL CHECK FOR FOD, EROSION AND OVERALL CONDITION REMARKS: C/O FOUND SATIS		 	12/2/22
64	ENGINE NO. 1 05.20.00 TABLE 5 COMPRESSOR ROTOR, FIRST-STAGE INSPECT BALANCING WEIGHT(S) (REF. 72-30-05, COMPRESSOR ROTOR - MAINTENANCE PRACTICES). REMARK: C/O FOUND SATIS		 	12/2/22
65	ENGINE NO. 2 05.20.00 TABLE 5 COMPRESSOR ROTOR, FIRST-STAGE INSPECT BALANCING WEIGHT(S) (REF. 72-30-05, COMPRESSOR ROTOR - MAINTENANCE PRACTICES). REMARK: C/O FOUND SATIS		 	12/2/22

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TICK ✓ WHERE APPLICABLE

PARTS ISSUED & RETURNED	DO FOLDED	DUPLICATE REF	GROUND FLY	FLIGHTTEST	TOPDOW CHK	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DAILY UPDATE	STATUS UPDATE	OH STATUS	AIRCRAFT LOG BODY	ENGINE LOG BODY	PROPELLER LOG BODY	LOG CARD	CLM/COMP LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: AW139 REGISTRATION: 9M-BOD BASE/FACILITY: BERTAM DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO:	9379-001
	AIRCRAFT	31291	REFER WORKPACK		WORK/INSP/DESC:	300 FH INSPECTION
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK		WORKPACK REF:	9M-BOD-9379
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK		AJL REF NO.:	REFER WORKPACK
					NG / N1	NF / N2
					SHEET:	1 OF 1

REASON FOR RAISING: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/ AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP -40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	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					
33308	3057362-01	SEAL RING	-	N/A	8	ENG 1 DUE ENG 2 TIMEX	0000-00-00	800361601- 000223776507	
33309	A63209-113	ORING	-	N/A	2			REFER CERT	
33310	MS 24665-285	PIN, COTTER	-	N/A	4	M/R SCISSOR NEW	0000-00-00	REFER COC	
33311	MS24665-302	PIN, COTTER	-	N/A	2	PITCH LINK NEW		REFER CERT	
33312	A864A0991F020R (99-0062-30-820)	SHIM LAMINATED	-	N/A	2			REFER CERT	
33313	MS24665-155	COTTER PIN	-	N/A	2	P/T/R SCISSOR NEW		REFER CERT	
33314	MS24665-302	PIN, COTTER	-	N/A	8	PITCH LINK NEW		REFER CERT	
1	3073974-01	FUEL NOZZLE	DEAAAA 10886	DEQBR A2098	1	ENG 2 NO. 1 DUE TIMEX	-	GIN 2712	
2	3073974-01	FUEL NOZZLE	DEAAA 11183	DEAAAA 12673	1	ENG 2 NO. 2 DUE TIMEX	-	GIN 2712	
3	3073976-01	FUEL NOZZLE	DE1RT 07452	DE1BOK 1424	1	ENG 2 NO. 13 DUE TIMEX	-	GIN 2725	
4	3073976-01	FUEL NOZZLE	DE1BCR 1386	DE1BLH 4657	1	ENG 2 NO. 14 DUE TIMEX	-	GIN 2725	
5	3073974-01	FUEL NOZZLE	DEAAAA 17513	DEAAA 10712	1	ENG 1 NO. 1 DUE TIMEX	-	GIN 2712	
6	3073974-01	FUEL NOZZLE	DEAAAA 12917	DEAAAA 10874	1	ENG 1 NO. 2 DUE TIMEX	-	GIN 2712	
7	3073976-01	FUEL NOZZLE	DE1AY M0585	DEAAAA 04300	1	ENG 1 NO. 13 DUE TIMEX	-	GIN 2725	
8	3073976-01	FUEL NOZZLE	DE1AND 0201	DE1BB M0546	1	ENG 2 NO. 14 DUE TIMEX	-	GIN 2725	
9	A53209-013	O-RING	-	-	8	ENG 1 DUE TIMEX	-	GIN 2139	
10	A53209-015	O-RING	-	-	8	ENG 2 DUE TIMEX	-	GIN 1668	

NAME	FIRM	SIGN & APPROVAL	DATE
MOHAMAD RAJIF	GAM	<i>paal</i>	14/2/22

*The work recorded above has been carried out in accordance with the requirements of the Malaysian Civil Aviation Regulation for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK WHERE APPLICABLE

PARS LABELLED & RETURNED	EQ. RANGED	DUPLICATE INSP	SPRING INSP	FIGHTED INSP	TORQUE INSP	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIRTY UPDATE	STATUS UPDATE	TD STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	RAWCOMP LOG CARD	MOD RECORDS SHIP
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: AW139 REGISTRATION: 9M-BOD BASE/FACILITY: BERTAM DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO: 9379-002 WORK/INSP/DESC: 300 FH // 1 Y INSPECTION WORKPACK REF: 9M-BOD-9379 AJL REF NO.: REFER WORKPACK SHEET: 2 OF 7
	AIRCRAFT	31291	REFER WORKPACK		
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK		
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK		
			NG / N1	NF / N2	

Reason for raising:
 SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139
 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0,
 DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH // 1 Y INSPECTION

Raised by and date:
 CAMO; Muhammad Ihsan Masri
 03/01/2022

Other requirements/information:
 NIL

Item	Description	Technician	* Eng. CRS	Date
6	32-34 NLG CENTER LOCK ATTACHMENT, LOCK PIN AND TORQUE LINK ATTACHMENTS AND ANTI-SHIMMY DEVICE (GOODRICH LANDING GEAR INSTALLATION) REFERENCE (DMC): 39-B-32-20-00-00A-31AA-K 39-B-32-21-01-00A-31AA-K 39-B-32-51-01-00A-31AA-K DO A DI FOR CONDITION, SECURITY, DAMAGE AND LEAKS (ANTI-SHIMMY DEVICE ONLY) (INCLUDING ELECTRICAL CONNECTOR AND ITS EXPOSED WIRING) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: NOT APPLICABLE DUE TO DIFFERENT P/N	-	<i>pas</i> 	12/2/22
7	33-24 A800 AND TLX LIGHT STRUCTURE PERFORM A DI OF THE SEACLIGHT ASSEMBLY FOR DAMAGE AND CONDITION. TACTILE INSPECTION OF SEARCHLIGHT ATTACHMENT FOR SECURITY. INSPECT AROUND ATTACHING SCREWS AND SEALING JOINTS OF THE SEARCHLIGHT ASSEMBLY COVERS FOR EVIDENCE OF SEALING DEGRADATION REFERENCE (DMC): 39-L-33-49-01-00A-31AA-K REMARKS: NOT APPLICABLE DUE TO SEARCHLIGHT NOT INSTALLED	-	<i>R.A.</i> 	12/2/22
8	62-01 MAIN ROTOR BLADES CONTINUITY STRIP AND DAMPER BONDING STRAPS REMARKS: 39-A-62-11-01-00A-365A-A DO A FC FOR ELECTRICAL CONTINUITY, INCLUDES A VC FOR DAMAGE, CONDITION AND SECURITY OF ATTACHMENT AND DEBONDING (STRIPS ONLY) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: <i>C/O AND FOUND SATIS</i>	<i>Sub: 3141</i>	<i>R.A.</i> 	15/2/22 15/2/22 <i>pas</i>
9	62-26 ROTATING CONTROLS INSTALLATION - SWASHPLATE ASSEMBLY DUPLEX BEARING REFERENCE (DMC): 39-A-62-31-06-00A-320A-A DO AN OC TO DETECT BEARING ROUGHNESS (PITCH CHANGE LINK END/UPPER BOOT LOWER END/SCISSORS DISCONNECTION REQUIRED) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: <i>C/O FOUND SATIS</i>	<i>Sub: 8265</i>	<i>pas</i> 	12/2/22
9.1	THE DUPLICATE INSPECTION FOR TASK 62-26 ROTATING CONTROLS INSTALLATION - SWASHPLATE ASSEMBLY DUPLEX BEARING CARRIED OUT IN ACCORDANCE WITH THE DCAM AIRWORTHINESS NOTICES NO 51. 1st Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: 12/2/2022 2nd Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: 12/2/2022			

*The work recorded above has been carried out in accordance with the requirements of the Malaysian Civil Aviation Regulation for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK WHERE APPLICABLE

#PARTS USED & RETURNED	B.D. RAISED	DUPLICATE INSP	GEORND RUN	LIGHTS TEST	TORQUE CHK	ADDITIONAL WORK SHEET	MONITORED DEFECT	PLANNING FORECAST	TARIFF UPDATE	STATUS UPDATE	TID STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	CEM/CAMP LOG CARD	MOD/REPAIR BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO. 31291	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-002
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: 300 FH // 1 Y INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BERTAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK		NG / N1	NF / N2	SHEET: 3 OF 7

Reason for raising:
SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139
ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT8C-67C REVISION NO. 27.0,
DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH // 1 Y INSPECTION

Raised by and date:
CAMO; Muhammad Ihsan Masri
03/01/2022

Other requirements/information:
NIL

Item	Description	Technician	* Eng. CRS	Date
10	ROTATING SCISSORS - REMOVE PROCEDURE TO FACILITATE TASK 62-26 REF (DMC): 39-A-62-31-01-00A-520A-A REMARK: C/O FOUND SATIS.			12/2/22
11	PITCH LINK - REMOVE PROCEDURE TO FACILITATE TASK 62-26 POSITION: RED, WHITE, ORANGE, BLUE, BLACK REF (DMC): 39-A-62-31-01-00A-520A-A REMARK: C/O FOUND SATIS.			12/2/22
12	AFTER JOB COMPLETION - PITCH LINK - INSTALL PROCEDURE POSITION: RED, WHITE, ORANGE, BLUE, BLACK REF (DMC): 39-A-62-31-01-00A-720A-A REMARK: C/O FOUND SATIS			12/2/22
12.1	THE DUPLICATE INSPECTION FOR TASK AFTER JOB COMPLETION - PITCH LINK - INSTALL PROCEDURE POSITION: RED, WHITE, ORANGE, BLUE, BLACK REF (DMC): 39-A-62-31-01-00A-720A-A REMARK: CARRIED OUT IN ACCORDANCE WITH THE DCAM AIRWORTHINESS NOTICES NO 51. 1st Inspector Sign: Approval/Stamp: DATE: <u>12/2/22</u> 2nd Inspector Sign: Approval/Stamp: DATE: <u>12/2/22</u>			

*The work recorded above has been carried out in accordance with the requirements of the Malaysian Civil Aviation Regulation for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK WHERE APPLICABLE

PARTS USED & RETURNED	DD INDEXED	DUPLICATE INOP	GROUNDED RUN	FLIGHT TEST	TORQUE CHK	ADDITIONAL WORKSHEET	MONITORED DEFECT	TRAINING FORECAST	STATUS UPDATE	STATUS UPDATE	DD STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	UTS CARD	CEVICAMP LOG CARD	MOD REQ'D BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: AW139 REGISTRATION: 9M-BOD BASE/FACILITY: BED-TAM DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-002 WORK/INSP/DESC: 300 FH // 1 Y INSPECTION WORKPACK REF: 9M-BOD-9379 AJL REF NO.: REFER WORKPACK SHEET: 4 OF 7
	AIRCRAFT	31291	REFER WORKPACK	
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK	
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK	
		NG / N1	NF / N2	

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH // 1 Y INSPECTION	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
13	AFTER JOB COMPLETION - ROTATING SCISSORS - INSTALL PROCEDURE REF (DMC): 39-A-62-31-01-00A-720A-A REMARK: <i>C/O FOUND SATIS</i>	<i>[Signature]</i> 8265	<i>[Signature]</i> 	12/2/22
13.1	THE DUPLICATE INSPECTION FOR TASK AFTER JOB COMPLETION - ROTATING SCISSORS - INSTALL PROCEDURE REF (DMC): 39-A-62-31-01-00A-720A-A REMARK: CARRIED OUT IN ACCORDANCE WITH THE DCAM AIRWORTHINESS NOTICES NO 51. 1st Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: 12/2/22 2nd Inspector Sign: <i>[Signature]</i> Approval/Stamp: DATE: 12/2/22			
14	64-01 TAIL ROTOR BLADES - LIGHTNING STRIP AND LIGHTNING CONDUCTOR JUMPER REFERENCE (DMC): 39-A-64-11-01-00A-365A-A, 39-B-64-11-01-00A-369A-A, 39-D-64-11-01-00A-369A-A DO A FC FOR ELECTRICAL CONTINUITY INCLUDING A VISUAL CHECK OF COMPONENTS FOR DAMAGE, CONDITION AND SECURITY OF ATTACHMENT NOTE: USE THE LIMIT THAT OCCURS FIRST. TAIL ROTOR BLADE CONTINUITY VALUE: RED: 0.2 Ω YELLOW: 0.4 Ω BLUE: 0.2 Ω WHITE: 0.4 Ω REMARKS: <i>C/O AND FOUND SATIS</i>	<i>[Signature]</i> 8043	<i>[Signature]</i> 	10/2/22

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*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK WHERE APPLICABLE

PAID L-RECD & RETURNED	DDI F-4560	DUPLICATE INSE	ORD JND MIN	FLIGHT TEST	TORQUE CHK	ADDITIONAL WORK SHEET	MONITORED DEFECT	PLANNING FORECAST	DIAG UPDATE	STATUS UPDATE	DDI STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG BOOK	CLAIM COMP LOG BOOK	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO. 31291	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-002
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: 300 FH // 1 Y INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BEP TAM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	SHEET: 5 OF 7

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH // 1 Y INSPECTION	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
15	65-16 INTERMEDIATE GEARBOX [27][28] REFERENCE (DMC): 39-A-12-13-02-00A-292A-A SERVICING BY DRAIN AND REFILL OF OIL. INCLUDES CHECK OF LOW OIL LEVEL SENSOR INDICATION WHEN OIL IS DRAINED NOTE: HELICOPTERS AW139 THAT HAVE THE TAIL ROTOR DRIVE SHAFT INSTALLATION P/N 3G6500A00112. NOTE: HELICOPTERS AW139 THAT HAVE THE TAIL ROTOR DRIVE SHAFT INSTALLATION P/N 4G6500A00212. NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: c/o FOUND SATIS			12/2/22
16	65-20 TAIL GEARBOX [27][28] REFERENCE (DMC): 39-A-12-13-03-00A-292A-A SERVICING BY DRAIN AND REFILL OF OIL. INCLUDES CHECK OF LOW OIL LEVEL SENSOR INDICATION WHEN OIL IS DRAINED NOTE: HELICOPTERS AW139 THAT HAVE THE TAIL ROTOR DRIVE SHAFT INSTALLATION P/N 3G6500A00112. NOTE: HELICOPTERS AW139 THAT HAVE THE TAIL ROTOR DRIVE SHAFT INSTALLATION P/N 4G6500A00212. NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: c/o FOUND SATIS			12/2/22
17	71-26 IBF LEFT UPPER/LOWER FILTER ASSY REFERENCE (DMC): 39-A-71-61-05-01A-200A-K 39-A-71-61-05-03A-200A-K CLEANING FROM ANY DIRT PARTCLES, INCLUDING THE OIL APPLICATION ON COMPLETE SURFACE AND SEAL INSPECTION FOR INTEGRITY (FILTER REMOVAL REQUIRED). NOTE: USE THE LIMIT THAT OCCURS FIRST. NOTE: TASK TO BE PERFORMED AFTER ANY IBF FILTER CLOGGED INDICATION ON MFD. REMARKS: NOT APPLICABLE DUE TO NOT INSTALLED	-		10/2/22
18	71-27 IBF RIGHT UPPER/LOWER FILTER ASSY REFERENCE (DMC): 39-A-71-61-05-01A-200A-K ; 39-A-71-61-05-03A-200A-K CLEANING FROM ANY DIRT PARTCLES, INCLUDING THE OIL APPLICATION ON COMPLETE SURFACE AND SEAL INSPECTION FOR INTEGRITY (FILTER REMOVAL REQUIRED). NOTE: USE THE LIMIT THAT OCCURS FIRST. NOTE: TASK TO BE PERFORMED AFTER ANY IBF FILTER CLOGGED INDICATION ON MFD. REMARKS: NOT APPLICABLE DUE TO NOT INSTALLED	-		10/2/22

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*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK WHERE APPLICABLE

PARTS LABELLED & RETURNED	DD PAISED	DUPLICATE INSP	GEN INFO PLAN	FLIGHT TEST	FOR DISC CHK	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	T.O. STATUS	AIRCRAFT LOG PAGE	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	CDU/COMP LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA	SERIAL NO. 31291	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-002
AIRCRAFT TYPE: AW139	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: 300 FH // 1 Y INSPECTION
REGISTRATION: 9M-BOD	#1 ENGINE: PCE-KB0674	REFER WORKPACK		WORKPACK REF: 9M-BOD-9379
BASE/FACILITY: BEA-TM	#2 ENGINE: PCE-KB0658	REFER WORKPACK		AJL REF NO.: REFER WORKPACK
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	SHEET: 6 OF 7

Reason for raising:
SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT6C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH // 1 Y INSPECTION

Raised by and date:
CAMO; Muhammad Ihsan Masri 03/01/2022

Other requirements/information:
NIL

Item	Description	Technician	* Eng. CRS	Date
19	71-31 IBF ACTUATOR BUNDLES, CONNECTORS, CIRCUIT BREAKERS AND COCKPIT INDICATOR SWITCH REFERENCE (DMC): 39-A-71-61-00-00A-310A-K DO A GVI TO DETECT CORROSION, OVERHEATING OR MECHANICAL DAMAGE OF BUNDLES AND CONDITION, SAFETY AND SECURITY OF CONNECTORS NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: NOT APPLICABLE DUE TO NOT INSTALLED	-	<i>RA</i> 	12/2/22
20	71-32 IBF LH FILTER MAINTENANCE AID REFERENCE (DMC): 39-A-71-61-05-10A-31AA-K DO A DI FOR DISCOLORATION AFFECTING READABILITY, CRACKS, DEFORMATION, MISSING OR DAMAGED COMPONENTS. NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: NOT APPLICABLE DUE TO NOT INSTALLED	-	<i>RA</i> 	10/2/22
21	71-33 IBF RH FILTER MAINTENANCE AID REFERENCE (DMC): 39-A-71-61-05-10A-31AA-K DO A DI FOR DISCOLORATION AFFECTING READABILITY, CRACKS, DEFORMATION, MISSING OR DAMAGED COMPONENTS. NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: NOT APPLICABLE DUE TO NOT INSTALLED	-	<i>RA</i> 	10/2/22
22	91-01 AVIONIC CONNECTORS IN REAR LEFT AVIONIC BAY [11] REFERENCE (DMC): 39-A-91-10-00-00A-310A-A DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE OF BUNDLES. CONNECTORS OF GCU 1, RADAR ALTIMETER, MAU 1, FOR CONDITION, SAFETY AND SECURITY NOTE: USE THE LIMIT THAT OCCURS FIRST. NOTE: HELICOPTERS AW139 FROM S/N 31005 TO 31200 AND FROM S/N 41001 TO 41200. NOTE: THE 300 FH / 1 YEAR INTERVAL IS CHANGED TO 1 YEAR TO HELICOPTERS CONFIGURATION THAT ARE COMPLIANT WITH THE BT139-166 (RETRO MODIFICATION P/N 3G5306P25411) AND BT139-207 (KIT P/N 4G2150F00311). REMARKS: NOT APPLICABLE DUE TO LONG NOSE CONFIGURATION	-	<i>RA</i> 	10/2/22

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*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.



TICK WHERE APPLICABLE

PARTS USED & RETURNED	DO PASSED	DUPLICATE INSP	LOGGING RUN	FLIGHT TEST	TORQUE CHK	ADDITIONAL WORKSHEET	MINOR DEFECT	PLANNING FORECAST	DRAW UPDATE	STATUS UPDATE	DO STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	ETWCAMP LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: AW139 REGISTRATION: 9M-BOD BASE/FACILITY: BSP-Tan DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-002 WORK/INSP/DESC: 300 FH // 1 Y INSPECTION WORKPACK REF: 9M-BOD-9379 AJL REF NO.: REFER WORKPACK SHEET: 7 OF 7	
	AIRCRAFT	31291	REFER WORKPACK		
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK		
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK		
			NG / N1	NF / N2	

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT8C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300 FH // 1 Y INSPECTION	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
23	91-02 AVIONIC CONNECTORS IN REAR RIGHT AVIONIC BAY [11] REFERENCE (DMC): 39-A-91-10-00-00B-310A-A DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE OF BUNDLES. CONNECTORS OF GCU 2, FCU, AHRS, MAU 2, FOR CONDITION, SAFETY AND SECURITY NOTE: USE THE LIMIT THAT OCCURS FIRST. NOTE: HELICOPTERS AW139 FROM S/N 31005 TO 31200 AND FROM S/N 41001 TO 41200. NOTE: THE 300 FH / 1 YEAR INTERVAL IS CHANGED TO 1 YEAR TO HELICOPTERS CONFIGURATION THAT ARE COMPLIANT WITH THE BT139-166 (RETRO MODIFICATION P/N 3G5306P25411) AND BT139-207 (KIT P/N 4G2150F00311). REMARKS: NOT APPLICABLE DUE TO LONG NOSE CONFIGURATION	-	 	10/2/22

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*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.


TICK WHERE APPLICABLE

PARTS LABELLED & RETURNED	DWG. RAISED	DUPLICATE IN/OUT	GROUND SIGN	FLIGHT SIGN	TORQUE CHK	ADDITIONAL WORKSHEET	MISWATERED DEFECT	PLANNING FORECAST	DAILY UPDATE	STATUS UPDATE	ENG. STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	FLY/COMP LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: AW139 REGISTRATION: 9M-BOD BASE/FACILITY: BERAM DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO: 9379-003 WORK/INSP/DESC: 300H//1Y SBA139-661 WORKPACK REF: 9M-BOD-9379 AJL REF NO.: REFER WORKPACK SHEET: 1 OF 1
	AIRCRAFT	31291	REFER WORKPACK	
	#1 ENGINE:	PCE-KB0674	REFER WORKPACK	
	#2 ENGINE:	PCE-KB0658	REFER WORKPACK	
			NG / N1	NF / N2

Reason for raising: SCHEDULE INSPECTION TO BE CARRIED OUT IN ACCORDANCE WITH JBPM/CAMO/AMP/AW139 ISSUE 02 REVISION 01 AW139 IETP - 40TH ISSUE: 2021-12-10 EMM PT8C-67C REVISION NO. 27.0, DATED 2021-11-08 OR LATEST APPROVED REVISION 300H//1Y SBA139-661 REV.A PART II (EASA AD NO.: 2021-0044 PARA (2))	Raised by and date: CAMO; Muhammad Ihsan Masri 03/01/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
1	300H//1Y EASA AD NO.: 2021-0044 PARA (2), SBA139-661 REV.A PART II PERFORM A RECURRENT INSPECTION INSIDE THE OVERHEAD PANEL IN ORDER TO CHECK THE TAPE CONDITION AND THE ABSENCE OF CHAFING. REFERENCES: EASA AD NO. 2021-0044 DATED 05 FEBRUARY 2021, SBA 139-661 DATED 18 FEBRUARY 2021 REMARKS: C/O AND FOUND SATIS	<i>P.A.</i> 8043	<i>P.A.</i> 	10/2/22

*The work recorded above has been carried out in accordance with the requirements of the Malaysian Civil Aviation Regulation for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.


TICK WHERE APPLICABLE

PARS LABELLED & RETURNED	DD INDEXED	DUPLICATE INSP	GROUND RUN	TIGHTTEST	TOPJOB CHK	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	DD STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	FIN/COMP LOG CARD	MOD RECORD BOOK
--------------------------	------------	----------------	------------	-----------	------------	----------------------	------------------	-------------------	--------------	---------------	-----------	-------------------	-----------------	--------------------	----------	-------------------	-----------------

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: 10/2/22
	Number: SBA139-661 REV.A PART II	
	Revision: -	

Customer Name and Address: GALAXY AEROSPACE (M) SDN BHD (GADING GROUP OF COMPANIES) Suite 11-14, Helicopter Centre, GALAXY AEROSPACE (M) SDN BHD 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: 10/2/22

Helicopter Model	S/N	Total Number	Total Hours	T.S.O.
AW139	31291	1	3189:49	-

Remarks: C/O AND FOUND SATIS *RA:* 

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.

AW139 - STARTER GENERATOR BRUSH WEAR CALCULATION

Reference: AMP-39-A-24-31-01-01A-31AA-A Brush Set - Detailed Inspection

A/C REG: 9M-BOD (31291)
 POSITION: NO.1 ENGINE
 STARTER GENE P/N: 1152546-2 / 300SGL146Q-3
 SERIAL NO: 1152546-01050 / 9039
 AIRCRAFT HOUR: 3189:49:00
 NO. 1 ENGINE HOUR: 3189:49:00

1. LENGTH OF THE SHORTEST BRUSH:	16.43	mm	= Y
2. OPERATING HOURS FROM AIRCRAFT LOGBOOK:	337.46	FH	= T
3. CURRENT BRUSH WEAR (Formula: 17.78 - Y): <i>Note: Max wear length on the new brush is 17.78mm</i>	1.35	mm	= X
4. BRUSH WEAR PER HOUR (Formula: X/T:Z):	0.0040	mm/hour	= Z
5. SERVICEABLE BRUSH LIFE REMAINING (Formula: Y/Z:W)	4107.01	hours	=W

A/C REG: 9M-BOD (31291)
 POSITION: NO.2 ENGINE
 STARTER GENE P/N: 1152546-2 / 300SGL146Q-3-XL
 SERIAL NO: 1152546-02295 / A00206
 AIRCRAFT HOUR: 3189:49:00
 NO. 2 ENGINE HOUR: 3189:49:00

1. LENGTH OF THE SHORTEST BRUSH:	11.09	mm	= Y
2. OPERATING HOURS FROM AIRCRAFT LOGBOOK:	233.09	FH	= T
3. CURRENT BRUSH WEAR (Formula: 17.78 - Y): <i>Note: Max wear length on the new brush is 17.78mm</i>	6.69	mm	= X
4. BRUSH WEAR PER HOUR (Formula: X/T:Z):	0.0287	mm/hour	= Z
5. SERVICEABLE BRUSH LIFE REMAINING (Formula: Y/Z:W)	386.39	hours	=W

Handwritten signature



SERVICEABLE



Galaxy Aerospace
TAMBAH BENEHAK - NEPAKAT - OVERHAUL &

ITEM ID: 33309

DESCRIPTION: ORING

PART NO: AS3209-113

QTY: 2.00

SERIAL NO: N/A

BIN: C-03-05

CONDITION: NE

LOCATION: WAREHOUSE BONDED

TSN:

TSO:

SHELF DUE / EXP DATE:

JOB ID: 9379

PO ID:

SIGN:


GIN / ID. NO: GiN530

APPROVAL:



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


PART OR MATERIAL CERTIFICATION FORM

2. Seller's Name: PROPONENT		3. Reference No. 6092307-00				
4. Organization Address: 3120 E. Enterprise Street Brea, CA 92821 U.S.A Phone: (714)223-5400 FAX: (714)996-3490 SITA Code: CVRKCR						
5a. Contact No (Seller) 6092307-00		5b. Contact No. (Buyer) 46328332001				
6. Item	7. Description	8. Manufacturer & Part No.	9. Eligibility	10. Qty.	11. Serial/Batch No.	12. Status/Work
1	PACKING	AS3209-113 PARKER HANNIFIN CORP		1210 3790	647243 641675-04	NEW
13a. Remarks						
Shipped To:		Date of MFR:		13c. Last Cert. Agency		
AVIALL CENTRAL WAREHOUSE		4Q2019		PARKER HANNIFIN CORP		
14. New-unused Parts/Material Certification. The following signature attests that the part(s) or Material(s) identified above was (were) manufactured by an FAA approval holder and inspected in accordance with established industry of U.S. specification; and/or the airworthiness regulations of the country of origin.						
15. Signature		17. Date		19. Signature		
		03/18/20		20. Name		
16. Name		21. Date		18. Used, Repaired or Overhauled Parts Certification. The following signature attests that the documentation specified above or attached is accurate with regards to the item(s) described. Repaired parts conform and were inspected in accordance with the Code of Federal Regulations 14 and are approved for return to service.		
PETE CURTI, CORPORATE VICE PRESIDENT OF QUALITY		03/18/20		20. Name		
The requirement for a signature on this form is by design and is such that it is binding from a legal standpoint, should the seller of a part or material complete the document and in any way misrepresent, lie or err in the information provided, the he/she is liable for legal judgement and in some cases criminal persecution.						

SERVICEABLE



GalaxyAerospace
maintenance . repair . overhaul

ITEM ID:	34625		
DESCRIPTION:	FUEL NOZZLE DUPLEX - EXCH		
PART NO:	3073976-01	QTY:	1.00
SERIAL NO:	DEAAAA04300	BIN:	B -05-00
CONDITION:	OH	LOCATION:	WAREHOUSE BONDED
TSN:		TSO:	
SHELF DUE / EXP DATE:			
JOB ID:	9379	PO ID:	SIGN: 
GIN / ID. NO:	GiN2725	APPROVAL:	

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

SERVICEABLE



GalaxyAerospace
maintenance . repair . overhaul

ITEM ID:	34620		
DESCRIPTION:	FUEL NOZZLE DUPLEX - EXCH		
PART NO:	3073976-01	QTY:	1.00
SERIAL NO:	DE1BBM0546	BIN:	B -05-00
CONDITION:	OH	LOCATION:	WAREHOUSE BONDED
TSN:		TSO:	
SHELF DUE / EXP DATE:			
JOB ID:	9379	PO ID:	SIGN: 
GIN / ID. NO:	GiN2725	APPROVAL:	

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

GIN 2725

AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:
000000000008913474 ✓
Page 1 of 1

2. FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

5. Work Order/Contract/Invoice Number:
44543799
4504171926

4. Organization Name and Address:
Delavan Inc.
811 FOURTH STREET
WEST DES MOINES, IA 50265-0100 USA
CERTIFICATE #KT2R964K

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, DUPLEX	164248 (3073976-01)	1	DE1BBM0546	OVERHAULED

12. Remarks:
 Purpose: Approval for Return to Service
 OVERHAULED in accordance with CMM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020.
 ESN:KB1894
 CSN:UNK,TSN:UNK

Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA:145.4378

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 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 Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval / Authorization No.:	14c. Approval / Certificate No.:
<i>John O'Brien</i>		KT2R964K
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14e. Date (dd/mm/yyyy):
JOHN O'BRIEN		15 NOV 2021

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 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.

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KT2R964K



Customer	PRATT & WHITNEY COMPONENT SOLUTIONS	Cust PO	4504158380		
Input Part	164248	Input Serial	DE1BBM0546	Qty	1.000
Output Part	164248	Output Serial	DE1BBM0546	Workscope	OVERHAUL
Cust Part	3073976-01	Cust Serial		Status/Work	OVERHAULED
Description	PT6C-67C/D/E NOZZLE ASSY, DUPLEX	Removal Code	OVHL	Failure Date	
Aircraft	Pratt PT6C Engine	Engine Type	Engine Nozzles		
Incoming NSN	N/A	Outgoing NSN	N/A	Tail No	
Date Rec'd	10/12/2021	Quote Date		Accept Date	
Ship Date		DOM			
Sales Order	8780972	Work Order	44543799	Notification	304424661

Measuring Point:

	Serial #	CSN	TSN	CSO	CSR	TSO	TSR						
INP	DE1BBM0546	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						
OUT	DE1BBM0546	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						

Engine Serial Number : KB1894

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44543799	59568	SEAL	1	1		NEW1
44543799	66992	WASHER, LOCKING	1	1		NEW1
44543799	69095	STRAINER	1	1		NEW1

Inspection/Test Results

Page Number 1 of 1
 Work Order Number: 44543799

Engine Components
 Repair Station FAA #KT2R964K
 Delavan Inc.
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100 USA
 Phone: 515-274-1561 Fax: 515-271-7201

Serial Number: DE1BBM0546

PO Num: 4504158380

Sales Order No: 8780972

Quantity: 1.000

Test Fuel: MIL-C 7024C Type II

Part Number: 164248
Cust Part No: 3073976-01
Description: PT6C-67C/D/E NOZZLE ASSY, DUPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001866175

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
 (MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Clean Dirty Contaminated Damaged Other Remarks: _____
 Nicks, Dents, Etc. Parts Missing Cracks No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	145 PSI UP	10.2 - 12.4	11.3	70° - 85°	78'	OK	
*	180 PSI	19.8 - 25.9	24.4	*		↓	
*	300 PSI	42.4 - 47.9	46.2	RECORD ANGLE	83'		
*	145 PSI DOWN	+3/-1 PPH OF UP	11.9	*			
PRESSURE T	900 PSI	*	OK	*			


Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order: 44543799 **Part SN:** DE1BBM0546

Category: 09 ADV MRO EXCHANGE

Engine SN: KB1894 **CSN:** UNK **TSN:** UNK

Label ID: LB000139

Operator: 00894483 JA 

Date: 11-15-21

Test Stand #: 71

Final Inspector Approval: _____ 

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 00000000000008909286 Page 1 of 1	
4. Organization Name and Address: Delavan Inc. 811 FOURTH STREET WEST DES MOINES, IA 50265-0100 USA CERTIFICATE #KT2R964K		5. Work Order/Contract/Invoice Number: 44565968 4504172805		11. Status/Work: OVERHAULED	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, DUPLX	164248 (3073976-01)	1	DEAAAA04300	OVERHAULED
12. Remarks: Purpose: Approval for Return to Service OVERHAULED in accordance with CMM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020. ESN:KB0013 CSN:UNK,TSN:UNK					
Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA145.4378					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 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 Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval / Authorization No.:		14c. Approval / Certificate No.:	
<i>John O'Brien</i>				KT2R964K	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14e. Date (dd/mm/yyyy):	
JOHN O'BRIEN				12 NOV 2021	
User / Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 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.					

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KT2R964K



Customer	PRATT & WHITNEY COMPONENT SOLUTIONS	Cust PO	4504169026		
Input Part	164248	Input Serial	DEAAAA04300	Qty	1.000
Output Part	164248	Output Serial	DEAAAA04300	Workscope	OVERHAUL
Cust Part	3073976-01	Cust Serial		Status/Work	OVERHAULED
Description	PT6C-67C/D/E NOZZLE ASSY, DUPLEX	Removal Code	OVHL	Failure Date	
Aircraft	Pratt PT6C Engine	Engine Type	Engine Nozzles		
Incoming NSN	N/A	Outgoing NSN	N/A	Tail No	
Date Rec'd	10/25/2021	Quote Date		Accept Date	
Ship Date		DOM			
Sales Order	8809543	Work Order	44565968	Notification	304441421

Measuring Point:

	Serial #	CSN	TSN	CSO	CSR	TSO	TSR						
INP	DEAAAA04300	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						
OUT	DEAAAA04300	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						

Engine Serial Number :KB0013

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44565968	59568	SEAL	1	1		NEW1
44565968	66992	WASHER, LOCKING	1	1		NEW1
44565968	69095	STRAINER	1	1		NEW1

Inspection/Test Results

Page Number 1 of 1
Work Order Number: 44565968

Engine Components
Repair Station FAA #KT2R964K
Delavan Inc.
811 FOURTH STREET
WEST DES MOINES IA 50265-0100 USA
Phone: 515-274-1561 Fax: 515-271-7201

Serial Number: DEAAAA04300

PO Num: 4504169026

Sales Order No: 8809543

Part Number: 164248
Cust Part No: 3073976-01
Description: PT6C-67C/D/E NOZZLE ASSY, DUPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001871118

Quantity: 1.000
Test Fuel: MIL-C 7024C Type II

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
(MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Clean Dirty Contaminated Damaged Other Remarks: _____
 Nicks, Dents, Etc. Parts Missing Cracks No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	145 PSI UP	10.2 - 12.4	11.6	70° - 85°	74°	OK	
*	180 PSI	19.8 - 25.9	24.2	*		↓ P	
*	300 PSI	42.4 - 47.9	46.1	RECORD ANGLE	84°		
*	145 PSI DOWN	+3/-1 PPH OF UP	11.6	*			
PRESSURE T	900 PSI	*		*			

Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order:
44565968

Part SN:
DEAAAA04300

Category: 09 ADV MRO EXCHANGE

Engine SN
KB0013

CSN
UNK

TSN
UNK

Label ID: LB000139

WARNING - "These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations."
EAR Export Classification: ECCN 9E991

Operator: _____

Date: NOV 11 2021

Test Stand #: 71

Final Inspector Approval: _____

SERVICEABLE



GalaxyAerospace
maintenance . repair . overhaul

ITEM ID: 34622

DESCRIPTION: FUEL NOZZLE DUPLEX - EXCH

PART NO: 3073976-01

QTY: 1.00

SERIAL NO: DE1BLH1637

BIN: B -05-00

CONDITION: OH

LOCATION: WAREHOUSE BONDED

TSN:

TSO:

SHELF DUE / EXP DATE:

JOB ID: 9379

PO ID:

SIGN:

GIN / ID. NO: GiN2725

APPROVAL:



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

SERVICEABLE



GalaxyAerospace
maintenance . repair . overhaul

ITEM ID: 34624

DESCRIPTION: FUEL NOZZLE DUPLEX - EXCH

PART NO: 3073976-01

QTY: 1.00

SERIAL NO: DE1BBK1424

BIN: B -05-00

CONDITION: OH

LOCATION: WAREHOUSE BONDED

TSN:

TSO:

SHELF DUE / EXP DATE:

JOB ID: 9379

PO ID:

SIGN:

GIN / ID. NO: GiN2725

APPROVAL:



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

<p>1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES</p>		<p>2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</p>		<p>3. Form Tracking Number: 000000000008913473 ✓ Page 1 of 1</p>	
<p>4. Organization Name and Address: DeLavan Inc. 811 FOURTH STREET WEST DES MOINES, IA 50265-0100 USA CERTIFICATE #KT2R964K</p>		<p>5. Work Order/Contract/Invoice Number: 44543798 4504171926</p>		<p>11. Status/Work: OVERHAULED</p>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, DUPLEX	164248 (3073976-01)	1	DE1BBK1424	OVERHAULED
<p>12. Remarks: Purpose: Approval for Return to Service OVERHAULED in accordance with CMIM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020. ESN:KB1894 CSN:UNK,TSN:UNK</p> <p>Confirms that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA145.4378</p>					
<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved design data and are in a condition for safe operation.</p> <p><input type="checkbox"/> Non-approved design data specified in Block 12.</p>					
<p>13b. Authorized Signature:</p>		<p>13c. Approval / Authorization No.:</p>		<p>14c. Approval / Certificate No.:</p>	
<p>13d. Name (Typed or Printed):</p>		<p>13e. Date (dd/mm/yyyy):</p>		<p>14e. Date (dd/mm/yyyy):</p>	
<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12</p> <p>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.</p>		<p>14b. Authorized Signature: <i>John O'Brien</i></p>		<p>14d. Name (Typed or Printed): JOHN O'BRIEN</p>	
<p>User / Installer Responsibilities</p>					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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.</p>					

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA



UTC Aerospace Systems

Repair Station FAA #KT2R964K

Customer	PRATT & WHITNEY COMPONENT SOLUTIONS	Cust PO	4504158380		
Input Part	164248	Input Serial	DE1BBK1424	Qty	1.000
Output Part	164248	Output Serial	DE1BBK1424	Workscope	OVERHAUL
Cust Part	3073976-01	Cust Serial		Status/Work	OVERHAULED
Description	PT6C-67C/D/E NOZZLE ASSY, DUPLEX	Removal Code	OVHL	Failure Date	
Aircraft	Pratt PT6C Engine	Engine Type	Engine Nozzles		
Incoming NSN	N/A	Outgoing NSN	N/A	Tail No	
Date Rec'd	10/12/2021	Quote Date		Accept Date	
Ship Date		DOM			
Sales Order	8780972	Work Order	44543798	Notification	304424661

Measuring Point:												
	Serial #	CSN	TSN	CSO	CSR	TSO	TSR					
INP	DE1BBK1424	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN					
OUT	DE1BBK1424	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN					

Engine Serial Number : KB1894

Components :						
Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44543798	59568	SEAL	1	1		NEW1
44543798	66992	WASHER, LOCKING	1	1		NEW1
44543798	69095	STRAINER	1	1		NEW1

Inspection/Test Results

Page Number 1 of 1
 Work Order Number: 44543798



Serial Number: DE1BBK1424



PO Num: 4504158380



Sales Order No: 8780972



Quantity: 1.000

Test Fuel: MIL-C 7024C Type II

Engine Components
 Repair Station FAA #KT2R964K
 Delavan Inc.
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100 USA
 Phone: 515-274-1561 Fax: 515-271-7201

Part Number: 164248
Cust Part No: 3073976-01
Description: PT6C-67C/D/E NOZZLE ASSY, DUPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001866174

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
 (MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Clean
 Dirty
 Contaminated
 Damaged
 Other
 Remarks: _____

Nicks, Dents, Etc.
 Parts Missing
 Cracks
 No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	145 PSI UP	10.2 - 12.4	11.5	70° - 85°	78°	OK ↓	
*	180 PSI	19.8 - 25.9	23.1	*			
*	300 PSI	42.4 - 47.9	47.5	RECORD ANGLE	87°		
*	145 PSI DOWN	+3/-1 PPH OF UP	11.6	*			
PRESSURE T	900 PSI	*	OK	*			


Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order: 44543798 Part SN: DE1BBK1424

Category: 09 ADV MRO EXCHANGE

Engine SN: KB1894 CSN: UNK TSN: UNK

Label ID: LB000139

Operator: 00894483 JA 

Date: 11-10-21

Test Stand #: 71

Final Inspector Approval: 

2728

<p>1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES</p>		<p>2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</p>		<p>3. Form Tracking Number: 000000000008909194 Page 1 of 1 ✓</p>	
<p>4. Organization Name and Address: Delavan Inc. 811 FOURTH STREET WEST DES MOINES, IA 50265-0100 USA CERTIFICATE #KT2R964K</p>		<p>5. Work Order/Contract/Invoice Number: 44566954 4504174122</p>			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, DUPLEX	164248 (3073976-01)	1	DE1BLH1637	OVERHAULED
<p>12. Remarks: Purpose: Approval for Return to Service OVERHAULED in accordance with CMM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020. ESN:KB2207 CSN:UNK,TSN:UNK</p> <p>Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA145.4378</p>					
<p>13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.</p>					
13b. Authorized Signature:		13c. Approval / Authorization No.:		14c. Approval / Certificate No.:	
				KT2R964K	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):	
				HENRY LAI	
				14e. Date (dd/mm/yyyy): 12 NOV 2021	
User / Installer Responsibilities					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 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.</p>					

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KT2R964K



Customer	PRATT & WHITNEY COMPONENT SOLUTIONS	Cust PO	4504168911		
Input Part	164248	Input Serial	DE1BLH1637	Qty	1.000
Output Part	164248	Output Serial	DE1BLH1637	Workscope	OVERHAUL
Cust Part	3073976-01	Cust Serial		Status/Work	OVERHAULED
Description	PT6C-67C/D/E NOZZLE ASSY, DUPLEX	Removal Code	OVHL	Failure Date	
Aircraft	Pratt PT6C Engine	Engine Type	Engine Nozzles		
Incoming NSN	N/A	Outgoing NSN	N/A	Tail No	
Date Rec'd	10/25/2021	Quote Date		Accept Date	
Ship Date		DOM			
Sales Order	8809911	Work Order	44566954	Notification	304441642

Measuring Point:

	Serial #	CSN	TSN	CSO	CSR	TSO	TSR					
INP	DE1BLH1637	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN					
OUT	DE1BLH1637	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN					

Engine Serial Number :KB2207

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44566954	59568	SEAL	1	1		NEW1
44566954	66992	WASHER, LOCKING	1	1		NEW1
44566954	69095	STRAINER	1	1		NEW1
44566954	72453	CONE, ORIFICE	1	1		NEW1
44566954	72454	DISTRIBUTOR	1	1		NEW1

Inspection/Test Results

Page Number 1 of 1

Work Order Number: 44566954

Engine Components
 Repair Station FAA #KT2R964K
 Delavan Inc.
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100 USA
 Phone: 515-274-1561 Fax: 515-271-7201



Serial Number: DE1BLH1637



PO Num: 4504168911



Sales Order No: 8809911



Quantity: 1.000

Test Fuel: MIL-C 7024C Type II

Part Number: 164248
Cust Part No: 3073976-01
Description: PT6C-67C/D/E NOZZLE ASSY, DUPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001871143

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
 (MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Clean Dirty Contaminated Damaged Other Remarks: _____
 Nicks, Dents, Etc. Parts Missing Cracks No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	145 PSI UP	10.2 - 12.4	11.3	70° - 85°	70°	off	
*	180 PSI	19.8 - 25.9	24.9	*			
*	300 PSI	42.4 - 47.9	47.8	RECORD ANGLE	81°		
*	145 PSI DOWN	+3/-1 PPH OF UP	11.3	*			
PRESSURE T	900 PSI	*		*			

Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order:
44566954

Part SN:
DE1BLH1637

Category: 09 ADV MRO EXCHANGE

Engine SN
KB2207

CSN
UNK

TSN
UNK

Label ID: LB000139



NOV 11 2021

Operator: _____

Date: _____

Test Stand #: 71



Final Inspector Approval: _____

SERVICEABLE



GalaxyAerospace
maintenance . repair . overhaul


ITEM ID: 34609		
DESCRIPTION: FUEL NOZZLE SIMPLEX - EXCH		
PART NO: 3073974-01	QTY: 1.00	
SERIAL NO: DE1AET0712	BIN: B -05-00	
CONDITION: OH	LOCATION: WAREHOUSE BONDED	
TSN:	TSO:	
SHELF DUE / EXP DATE:		
JOB ID: 9379	PO ID:	SIGN:  06/02/2022
GIN / ID. NO: GiN2712	APPROVAL: 	

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

SERVICEABLE



GalaxyAerospace
maintenance . repair . overhaul

ITEM ID: 34606		
DESCRIPTION: FUEL NOZZLE SIMPLEX - EXCH		
PART NO: 3073974-01	QTY: 1.00	
SERIAL NO: DEAAAA10874	BIN: B -05-00	
CONDITION: OH	LOCATION: WAREHOUSE BONDED	
TSN:	TSO:	
SHELF DUE / EXP DATE:		
JOB ID: 9379	PO ID:	SIGN:  06/02/2022
GIN / ID. NO: GiN2712	APPROVAL: 	

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

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 0000000000009067987 Page 1 of 1	
4. Organization Name and Address: Delavan Inc. 811 FOURTH STREET WEST DES MOINES, IA 50265-0100 USA CERTIFICATE #KT2R964K		5. Work Order/Contract/Invoice Number: 44667742 4504221375		11. Status/Work: OVERHAULED	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	164250 (3073974-01)	1	DEAAAA10874	OVERHAULED
12. Remarks: Purpose: Approval for Return to Service OVERHAULED in accordance with CMM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020. ESN:KB1829 CSN:UNK;TSN:UNK					
Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA145.4378					
13a. Certifies the items identified above were manufactured in conformity to:		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12			
<input type="checkbox"/> Approved design data and are in a condition for safe operation.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.			
<input type="checkbox"/> Non-approved design data specified in Block 12.					
13b. Authorized Signature:	13c. Approval / Authorization No.:	14b. Authorized Signature:		14c. Approval / Certificate No.:	
		<i>John O'Brien</i>		KT2R964K	
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
		JOHN O'BRIEN		25 JAN 2022	
User / Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 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.					

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KT2R964K



Customer PRATT & WHITNEY COMPONENT SOLUTIONS		Cust PO 4504217897	
Input Part 164250	Input Serial DEAAAA10874	Qty 1.000	
Output Part 164250	Output Serial DEAAAA10874	Workscope OVERHAUL	
Cust Part 3073974-01	Cust Serial	Status/Work OVERHAULED	
Description PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	Removal Code OVHL	Failure Date	
Aircraft Pratt PT6C Engine	Engine Type Engine Nozzles		
Incoming NSN N/A	Outgoing NSN N/A	Tail No	
Date Rec'd 12/23/2021	Quote Date	Accept Date	
Ship Date	DOM		
Sales Order 8946950	Work Order 44667742	Notification 304519548	

Measuring Point:

	Serial #	CSN	TSN	CSO	CSR	TSO	TSR						
INP	DEAAAA10874	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						
OUT	DEAAAA10874	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						

Engine Serial Number :KB1829

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44667742	59568	SEAL	1	1		NEW1
44667742	66992	WASHER, LOCKING	1	1		NEW1
44667742	69095	STRAINER	1	1		NEW1

Inspection/Test Results

Page Number 1 of 1
Work Order Number: 44667742

Engine Components
Repair Station FAA #KT2R964K
Delavan Inc.
811 FOURTH STREET
WEST DES MOINES IA 50265-0100 USA
Phone: 515-274-1561 Fax: 515-271-7201

Serial Number: DEAAAA10874

PO Num: 4504217897

Sales Order No: 8946950

Part Number: 164250
Cust Part No: 3073974-01
Description: PT6C-67C/D/E NOZZLE ASSY, SIMPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001888572

Quantity: 1.000

Test Fuel: MIL-C 7024C Type II

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
(MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Clean Dirty Contaminated Damaged Other Remarks: _____
 Nicks, Dents, Etc. Parts Missing Cracks No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	125 PSI	0 - 1.0	OK	*		↓ OK	
*	180 PSI UP	19.5 - 24.1	22.9	*			
*	300 PSI	42.1 - 47.9	45.4	RECORD ANGLE	87°		
*	180 PSI DOWN	+3/-1 OF 180 UP	23.8	*			
PRESSURE T	900 PSI	*	OK	*			

Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order:
44667742

Part SN:
DEAAAA10874

Category: 09 ADV MRO EXCHANGE

Engine SN
KB1829

CSN
UNK

TSN
UNK

Label ID: L8000139

WARNING - "These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations."
EAR Export Classification: ECCN 9E991



Operator: _____

Date: 1-25-22

Test Stand #: 77

Final Inspector Approval: _____

<p>1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES</p>		<p>2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</p>		<p>3. Form Tracking Number: 0000000000009067108 Page 1 of 1</p>	
<p>4. Organization Name and Address: Delavan Inc. 811 FOURTH STREET WEST DES MOINES, IA 50265-0100 USA CERTIFICATE #KT2R964K</p>		<p>5. Work Order/Contract/Invoice Number: 44685058 4504221376</p>			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	164250 (3073974-01)	1	DE1AET0712	OVERHAULED
<p>12. Remarks: Purpose: Approval for Return to Service OVERHAULED in accordance with CMM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020. ESN:KB2162 CSN:UNK,TSN:UNK</p> <p>Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA/145.4378</p>					
<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved design data and are in a condition for safe operation.</p> <p><input type="checkbox"/> Non-approved design data specified in Block 12.</p>					
<p>13b. Authorized Signature:</p>		<p>13c. Approval / Authorization No.:</p>		<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12</p> <p>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.</p>	
<p>13d. Name (Typed or Printed):</p>		<p>13e. Date (dd/mm/yyyy):</p>		<p>14b. Authorized Signature: <i>John O'Brien</i></p> <p>14c. Approval / Certificate No.: KT2R964K</p>	
<p>14d. Name (Typed or Printed): JOHN O'BRIEN</p>		<p>14e. Date (dd/mm/yyyy): 25 JAN 2022</p>			
<p>User / Installer Responsibilities</p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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.</p>					

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KT2R964K



Customer PRATT & WHITNEY COMPONENT SOLUTIONS		Cust PO 4504229394	
Input Part 164250	Input Serial DE1AET0712	Qty 1.000	
Output Part 164250	Output Serial DE1AET0712	Workscope OVERHAUL	
Cust Part 3073974-01	Cust Serial	Status/Work OVERHAULED	
Description PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	Removal Code OVHL	Failure Date	
Aircraft Pratt PT6C Engine	Engine Type Engine Nozzles		
Incoming NSN N/A	Outgoing NSN N/A	Tail No	
Date Rec'd 01/12/2022	Quote Date	Accept Date	
Ship Date	DOM		
Sales Order 8970358	Work Order 44685058	Notification 304533275	

Measuring Point:

	Serial #	CSN	TSN	CSO	CSR	TSO	TSR					
INP	DE1AET0712	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN					
OUT	DE1AET0712	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN					

Engine Serial Number : KB2162

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44685058	132465	LOCATING PIN	1	1		NEW1
44685058	59568	SEAL	1	1		NEW1
44685058	66992	WASHER, LOCKING	1	1		NEW1
44685058	69095	STRAINER	1	1		NEW1

Inspection/Test Results

Page Number 1 of 1
 Work Order Number: 44685058

Engine Components
 Repair Station FAA #KT2R964K
 Delavan Inc.
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100 USA
 Phone: 515-274-1561 Fax: 515-271-7201



Serial Number: DE1AET0712



PO Num: 4504229394



Sales Order No: 8970358



Quantity: 1.000

Test Fuel: MIL-C 7024C Type II

Part Number: 164250
Cust Part No: 3073974-01
Description: PT6C-67C/D/E NOZZLE ASSY, SIMPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001892435

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
 (MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Clean Dirty Contaminated Damaged Other Remarks: _____
 Nicks, Dents, Etc. Parts Missing Cracks No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	125 PSI	0 - 1.0	OK	*		OK	
*	180 PSI UP	19.5 - 24.1	19.6	*		OK	
*	300 PSI	42.1 - 47.9	44.1	RECORD ANGLE	91°	OK	
*	180 PSI DOWN	+3/-1 OF 180 UP	19.9	*		OK	
PRESSURE T	900 PSI	*	P	*		P	

Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order:
44685058

Part SN:
DE1AET0712

Category: 09 ADV MRO EXCHANGE

Engine SN
KB2162

CSN
UNK

TSN
UNK

Label ID: LB000139

WARNING – "These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations."
 EAR Export Classification: ECCN _____

Operator: _____

Date: 1-24-22

Test Stand #: 58

Final Inspector Approval: _____

SERVICEABLE



ITEM ID: 34604

DESCRIPTION: FUEL NOZZLE SIMPLEX - EXCH

PART NO: 3073974-01 QTY: 1.00

SERIAL NO: DEAAAA12673 BIN: B -05-00

CONDITION: OH LOCATION: WAREHOUSE BONDED

TSN: TSO:

SHELF DUE / EXP DATE:

JOB ID: 9379

PO ID:

SIGN:

GIN / ID. NO: GiN2712

APPROVAL:



06/02/2022

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

SERVICEABLE



ITEM ID: 34608

DESCRIPTION: FUEL NOZZLE SIMPLEX - EXCH

PART NO: 3073974-01 QTY: 1.00

SERIAL NO: DE1BRA2098 BIN: B -05-00

CONDITION: OH LOCATION: WAREHOUSE BONDED

TSN: TSO:

SHELF DUE / EXP DATE:

JOB ID: 9379

PO ID:

SIGN:

GIN / ID. NO: GiN2712

APPROVAL:



06/02/2022

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

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 0000000000009067978 Page 1 of 1	
4. Organization Name and Address: Delavan Inc. 811 FOURTH STREET WEST DES MOINES, IA 50265-0100 USA CERTIFICATE #KT2R964K		5. Work Order/Contract/Invoice Number: 44667740 4504221375			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	164250 (3073974-01)	1	DE1BRA2098	OVERHAULED
12. Remarks: Purpose: Approval for Return to Service OVERHAULED in accordance with CMM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020. ESN:KB1829 CSN:UNK;TSN:UNK					
Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA145.4378					
13a. Certifies the items identified above were manufactured in conformity to:		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12			
<input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 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 Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:	13c. Approval / Authorization No.:	14b. Authorized Signature:		14c. Approval / Certificate No.:	
		<i>John O'Brien</i>		KT2R964K	
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
		JOHN O'BRIEN		25 JAN 2022	
User / Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 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.					

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KT2R964K



UTC Aerospace Systems

Customer	PRATT & WHITNEY COMPONENT SOLUTIONS	Cust PO	4504217897		
Input Part	164250	Input Serial	DE1BRA2098	Qty	1.000
Output Part	164250	Output Serial	DE1BRA2098	Workscope	OVERHAUL
Cust Part	3073974-01	Cust Serial		Status/Work	OVERHAULED
Description	PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	Removal Code	OVHL	Failure Date	
Aircraft	Pratt PT6C Engine	Engine Type	Engine Nozzles		
Incoming NSN	N/A	Outgoing NSN	N/A	Tail No	
Date Rec'd	12/23/2021	Quote Date		Accept Date	
Ship Date		DOM			
Sales Order	8946950	Work Order	44667740	Notification	304519548

Measuring Point:

	Serial #	CSN	TSN	CSO	CSR	TSO	TSR						
INP	DE1BRA2098	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						
OUT	DE1BRA2098	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						

Engine Serial Number :KB1829

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44667740	59568	SEAL	1	1		NEW1
44667740	66992	WASHER, LOCKING	1	1		NEW1
44667740	69095	STRAINER	1	1		NEW1

Inspection/Test Results

Engine Components
 Repair Station FAA #KT2R964K
 Delavan Inc.
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100 USA
 Phone: 515-274-1561 Fax: 515-271-7201

Part Number: 164250
Cust Part No: 3073974-01
Description: PT6C-67C/D/E NOZZLE ASSY, SIMPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001888612

Page Number 1 of 1
 Work Order Number: 44667740



Serial Number: DE1BRA2098



PO Num: 4504217897



Sales Order No: 8946950



Quantity: 1.000

Test Fuel: MIL-C 7024C Type II

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
 (MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

Clean Dirty Contaminated Damaged Other Remarks: _____
 Nicks, Dents, Etc. Parts Missing Cracks No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	125 PSI	0 - 1.0	OK	*		OK	
*	180 PSI UP	19.5 - 24.1	22.3	*		↓	
*	300 PSI	42.1 - 47.9	45.6	RECORD ANGLE	91°		
*	180 PSI DOWN	+3/-1 OF 180 UP	22.6	*		↓	
PRESSURE T	900 PSI	*	OK	*			

Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order:
44667740

Part SN:
DE1BRA2098

Category: 09 ADV MRO EXCHANGE

Engine SN
KB1829

CSN
UNK

TSN
UNK

Label ID: LB000139

WARNING - "These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations."
 EAR Export Classification: ECCN 9E991



Operator: _____

Date: 1-24-22

Test Stand #: 58

Final Inspector Approval: _____

1. Approving Civil Aviation Authority / Country:
FAA / UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
 0000000000009067972
 Page 1 of 1

4. Organization Name and Address:
 Delavan Inc.
 811 FOURTH STREET
 WEST DES MOINES, IA 50265-0100 USA
 CERTIFICATE #KT2R964K

5. Work Order/Contract/Invoice Number:
 44667744
 4504221375

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	164250 (3073974-01)	1	DEAAAA12673	OVERHAULED

12. Remarks:
 Purpose: Approval for Return to Service
 OVERHAULED in accordance with CMM: CMM-3053386-73-10-05 Revision: 5 Rev. Date: 01/17/2020.
 ESN:KB1829
 CSN:UNK,TSN:UNK

Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA.145.4378

13a. Certifies the items identified above were manufactured in conformity to:
 14 CFR 43.9 Return to Service Other regulation specified in Block 12
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

13b. Authorized Signature:
John O'Brien

13c. Approval / Authorization No.:

13d. Name (Typed or Printed):
 JOHN O'BRIEN

13e. Date (dd/mm/yyyy):
 25 JAN 2022

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 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 Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature:
John O'Brien

14c. Approval / Certificate No.:
 KT2R964K

14d. Name (Typed or Printed):
 JOHN O'BRIEN

14e. Date (dd/mm/yyyy):
 25 JAN 2022

13b. Authorized Signature:
 13c. Approval / Authorization No.:

13d. Name (Typed or Printed):
 JOHN O'BRIEN

13e. Date (dd/mm/yyyy):
 25 JAN 2022

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 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 Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature:
John O'Brien

14c. Approval / Certificate No.:
 KT2R964K

14d. Name (Typed or Printed):
 JOHN O'BRIEN

14e. Date (dd/mm/yyyy):
 25 JAN 2022

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 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.

TEARDOWN REPORT

Delavan Inc.
 Goodrich Engine Components
 811 FOURTH STREET
 WEST DES MOINES IA 50265-0100
 USA
 Repair Station FAA #KT2R964K



UTC Aerospace Systems

Customer	PRATT & WHITNEY COMPONENT SOLUTIONS	Cust PO	4504217897		
Input Part	164250	Input Serial	DEAAAA12673	Qty	1.000
Output Part	164250	Output Serial	DEAAAA12673	Workscope	OVERHAUL
Cust Part	3073974-01	Cust Serial		Status/Work	OVERHAULED
Description	PT6C-67C/D/E NOZZLE ASSY, SIMPLEX	Removal Code	OVHL	Failure Date	
Aircraft	Pratt PT6C Engine	Engine Type	Engine Nozzles		
Incoming NSN	N/A	Outgoing NSN	N/A	Tail No	
Date Rec'd	12/23/2021	Quote Date		Accept Date	
Ship Date		DOM			
Sales Order	8946950	Work Order	44667744	Notification	304519548

Measuring Point:

	Serial #	CSN	TSN	CSO	CSR	TSO	TSR						
INP	DEAAAA12673	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						
OUT	DEAAAA12673	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN						

Engine Serial Number :KB1829

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
44667744	59568	SEAL	1	1		NEW1
44667744	66992	WASHER, LOCKING	1	1		NEW1
44667744	69095	STRAINER	1	1		NEW1

Inspection/Test Results

Page Number 1 of 1
Work Order Number: 44667744

Engine Components
Repair Station FAA #KT2R964K
Delavan Inc.
811 FOURTH STREET
WEST DES MOINES IA 50265-0100 USA
Phone: 515-274-1561 Fax: 515-271-7201



Serial Number: DEAAAA12673



PO Num: 4504217897



Sales Order No: 8946950



Quantity: 1.000

Test Fuel: MIL-C 7024C Type II

Part Number: 164250
Cust Part No: 3073974-01
Description: PT6C-67C/D/E NOZZLE ASSY, SIMPLEX
Customer: PRATT & WHITNEY COMPONENT SOLUTIONS
CMM Doc #: CMM-3053386-73-10-05 **Rev:** 5
Inspection Lot#: 890001888527

PRELIMINARY INSPECTION AS RECEIVED AND HIDDEN DAMAGE INSPECTION
(MARK ALL THAT APPLY) (EXPLAIN WHERE APPLICABLE)

- Clean Dirty Contaminated Damaged Other Remarks: _____
 Nicks, Dents, Etc. Parts Missing Cracks No Deviation _____

FINAL FLOW

Test Point Air (PSI)	Test Point Fuel (PSI)	Flow Limit (PPH)	Measured Flow Rate (PPH)	Angle Limits (DEG)	Measured Angle	Spray Quality	Measured Reflow (PPH)
*	125 PSI	0 - 1.0	OK	*		OK	
*	180 PSI UP	19.5 - 24.1	22.3	*			
*	300 PSI	42.1 - 47.9	45.3	RECORD ANGLE	91°		
*	180 PSI DOWN	+3/-1 OF 180 UP	22.7	*			
PRESSURE T	900 PSI	*	OK	*			

Note: The jurisdiction and classification of this form must be determined and appropriate markings applied if it is printed, printed to file or e-mailed in accordance with International Trade Compliance requirements

Work Order:
44667744

Part SN:
DEAAAA12673

Category: 09 ADV MRO EXCHANGE

Engine SN
KB1829

CSN
UNK

TSN
UNK

Label ID: LB000139

WARNING - "These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations."
EAR Export Classification: ECCN 9894



Operator: _____

Date: 1-24-22

Test Stand #: 58

Final Inspector Approval: _____

SERVICEABLE

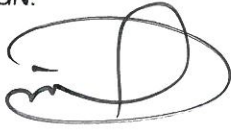



Galaxy Aerospace
Distribusi Persekitaran, Persekitaran & Cipta Mekanik

ITEM ID: 33311

DESCRIPTION: PIN, COTTER	
PART NO: MS24665-302	QTY: 2.00
SERIAL NO: N/A	BIN: D-04-01
CONDITION: NE	LOCATION: WAREHOUSE BONDED
TSN:	TSO:

SHELF DUE / EXP DATE:

JOB ID: 9379	PO ID:	SIGN: 
GIN / ID. NO: GIN306	APPROVAL: 	

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

SERVICEABLE





Galaxy Aerospace
Distribusi Persekitaran, Persekitaran & Cipta Mekanik

ITEM ID: 33314

DESCRIPTION: PIN, COTTER	
PART NO: MS24665-302	QTY: 8.00
SERIAL NO: N/A	BIN: D-04-01
CONDITION: NE	LOCATION: WAREHOUSE BONDED
TSN:	TSO:

SHELF DUE / EXP DATE:

JOB ID: 9379	PO ID:	SIGN: 
GIN / ID. NO: GiN306	APPROVAL: 	

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



AERO-GLEN
INTERNATIONAL LLC
COMMITMENT | EXECUTION | RESULTS

13751 INDEPENDENCE PARKWAY
FORT WORTH, TX 76177
TEL: (817) 328-6600 FAX: (972) 456-1015
WWW.AEROGLEN.COM
CAGE CODE 9V172

ISO9001 / AS9100 / AS9120 REGISTERED
PRI CERTIFICATION: 14-2127, 14-2128R


CERTIFICATE OF CONFORMANCE

Print Date : Apr-09-2020 11:55 AM Printed By : NATHAN ROACH Print No. : 3

Sold To : Account No. [AVIALL-DALLA]		No. : 182258	Pg:1/1
BOEING DISTRIBUTION, INC. (AVIALL) Attn: Email invoice to apinvoices@aviall.com, ACCOUNTS PAYABLE 2700 Regent Blvd DFW Airport, TX 75261 UNITED STATES Tel. : 972-586-1426		Shipped To : AVIALL CENTRAL WAREHOUSE Attn: RECEIVING DEPT. 2750 REGENT BOULEVARD DFW Airport, TX 75261 UNITED STATES Tel. : 972-586-1994	
S.O. No. : 107910	Our Ref :	Domestic AWB :	
Customer P.O. : 46322108	Your Ref : FEDEX GROUND	Int'l AWB :	
Issued Date : Mar-17-2020	Spec Inst : 123985630	Origin :	
	Contract :	Transport :	
Ship Via : FEDEX GROUND	License No. :	Nationality:	
F.O.B. : DESTINATION	Expires :	Trip/Flight:	
Shipped Date : Apr-09-2020	Terms : NET 30		
Our Contact : MERLE LANGTON			

Line	P/N & Description	Cnd	Qty Ordered	Shipped	Unit Sell Price	Amount
10	MS24865-302 PIN COTTER Country Of Origin: SPAIN UID#: 445940 Pick Ticket / Packing Slip No. : 182258 Rev: - Note: DF3, PKG 200 PER NSN: 5315-00-234-1864 LOT #: 183025 REV: - MFG: HINDLEY CAGE CODE:73145	DF3	130,000.00EA	130,000.00 (Qty. Back 0.00)		

THIS IS TO CERTIFY THAT THE MATERIAL(S) FORWARDED TO YOU MEET ALL THE PO, DRAWING, CHEMICAL AND PHYSICAL REQUIREMENTS AND ARE FREE OF ANY FOREIGN OBJECT DEBRIS. AERO-GLEN, INTL. DISCLAIMS ANY RESPONSIBILITY FOR ALL MANUFACTURING OR ANY FUNCTIONAL DEFECTS AND HEREBY LIMITS EXPRESSED OR IMPLIED WARRANTIES TO LIABILITY FOR THE COST OF REPLACING THE MATERIAL OR REFUNDING THE INVOICE VALUE OF MATERIAL, SO ACCEPTING DELIVERY OF THIS MATERIAL ACKNOWLEDGES AWARENESS OF SUCH LIMITATION OF LIABILITY. PRODUCTS HAVE NOT BEEN INTRODUCED TO MERCURY CONTAMINATION WHILE AT OUR FACILITY. THE COMMODITIES SOLD BY AERO-GLEN, INTL MUST BE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH U.S. EXPORT LAWS. ANY DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. ANY OR ALL MATERIALS/PARTS SUPPLIED ON THIS S.O./P.O. SHALL BE DFARS 252.225-7014 ALTERNATE 1 COMPLIANT AS NOTED ON A LINE ITEM BASIS.



TYSON KAY, V.P.

Copyright (c) PENTAGON 2000 Software, Inc. ORIGINAL (COPY.)
Ser #: [2000.21076] Ver 9 04 04 Build 21

Boeing Distribution, Inc. - TRUE CERTIFIED COPY | 02/02/2021 | Ship #: 8009414393 | Line: 40 | 7365432866 | Qty: 200 | CPO: PO-21-2273

SERVICEABLE



ITEM ID:	33308	
DESCRIPTION:	SEAL RING	
PART NO:	3057362-01	QTY: 8.00
SERIAL NO:	N/A	BIN: V-08-08
CONDITION:	NE	LOCATION: WAREHOUSE BONDED
TSN:	TSO:	
SHELF DUE / EXP DATE:		
JOB ID:	9379	PO ID:
GIN / ID. NO:	GIN1587	APPROVAL:
		
		

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

SERVICEABLE



ITEM ID:	33313	
DESCRIPTION:	COTTER PIN	
PART NO:	MS24665-155	QTY: 2.00
SERIAL NO:	N/A	BIN: F-05-07
CONDITION:	NE	LOCATION: WAREHOUSE BONDED
TSN:	TSO:	
SHELF DUE / EXP DATE:		
JOB ID:	9379	PO ID:
GIN / ID. NO:	GIN386	APPROVAL:
		
		


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

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie
Approving Civil Aviation Authority/Country

Transport Canada

BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE

FORM ONE

4. Nom et adresse de l'organisme - Organization Name and Address  Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411		3. Numéro de suivi du formulaire - Form Tracking No. 800361601-000222 3776507	
6. Article - Item 000001		5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice 3342406 4504060730	
7. Description RING SEAL-METAL		11. Situation/Travail - Status/Work NEW	
8. Numéro de pièce - Part No. 3057362-01		10. Numéro de série/de lot - Serial/Batch 168 EA N/A	
9. Q.tée. - Qty. 168 EA		11. Situation/Travail - Status/Work NEW	

NOTE: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à la fabrication et ne doivent pas être inscrits sur le présent certificat.
NOTE: Any serial numbers that may be present on labels or parts are for manufacturing purposes and need not be referenced on this certificate.

Certified True Copy of the Original
Qty: 110 pcs
Signature: [Signature]
Date: 30-JUN-21
Pratt & Whitney Component Solutions

Le cas échéant, la durée de stockage est précisée sur l'emballage de l'article - When applicable, shelf life is indicated on the item packaging
"Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."
13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à :
Certifies that the items identified above were manufactured in conformity to :

des données de conception approuvées et qu'elles peuvent être utilisées en toute sécurité
approved design data and are in condition for safe operation.
 des données de conception non approuvées indiquées à la case 12.
non approved design data specified in block 12.

13b. Signature
[Signature]
T.C. 4-58
NO. 007

13c. Numéro de l'organisme agréé
Approved Organization Number
4 - 58

13d. Nom - Name
J. Van Luven

13e. Date (dd/mm/yyyy)
04/JUN/2021

14a. PAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release
 Autre réglementation précisée à la case 12 - Other regulations specified in block 12.
Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadienne.
Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.

14b. Signature
14c. Numéro de l'organisme agréé
Approved Organization Number
S/O - N/A

14d. Nom - Name
14e. Date (dd/mm/yyyy)
S/O - N/A

* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - *Installer must cross-check eligibility with approved data
RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES
1. Le présent bon de sortie ne constitue pas une autorisation de montage. - 1. This certificate does not constitute authority to install.
2. Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié. - 2. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from country specified.
3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler. - 3. Statements in block 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.



Boeing Distribution Services Inc.
PO Box 025253, Miami, FL 33102-5253 • Tel 305 925 2600 • Fax 305 507 7191
Plant Location 3760 W 108th Street, Miami, FL 33018 • SITA MIAMMCR
www.BoeingDistribution.com

Shipped From: 3760 W. 108TH ST DOOR B, MIAMI, FL 33018

Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to Boeing Distribution Services.

FIRM: BOEING DISTRIBUTION, INC.

PURCHASE ORDER#: 46321942

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
10	8210	EA	MS24665-155	MS24665-155	DSS122216A-4	WESTERN WIRE/PENTON	65029		

BDSI CTRL/LOT # :2017J31076



Jason Lewis
Senior Director, Global Quality

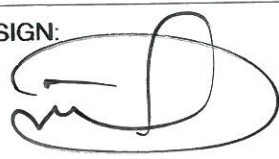

03/26/20

Inv # 03/26/20

SERVICEABLE



GalaxyAerospace
Pneumatics - Bearings - Hose - O-Rings - Seals - Valves

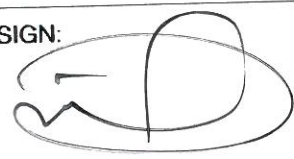

ITEM ID: 34852		
DESCRIPTION: O-RING		
PART NO: AS3209-013	QTY: 8.00	
SERIAL NO: N/A	BIN: C-03-03	
CONDITION: NE	LOCATION: WAREHOUSE BONDED	
TSN:	TSO:	
SHELF DUE / EXP DATE:		
JOB ID: 9379	PO ID:	SIGN: 
GIN / ID. NO: GiN2139	APPROVAL: 	

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

SERVICEABLE



GalaxyAerospace
Pneumatics - Bearings - Hose - O-Rings - Seals - Valves

ITEM ID: 34851		
DESCRIPTION: O-RING		
PART NO: AS3209-015	QTY: 8.00	
SERIAL NO: N/A	BIN: C-03-04	
CONDITION: NE	LOCATION: WAREHOUSE BONDED	
TSN:	TSO:	
SHELF DUE / EXP DATE:		
JOB ID: 9379	PO ID:	SIGN: 
GIN / ID. NO: GiN1668	APPROVAL: 	

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

1. Approving Civil Aviation Authority/Country

FAA/UNITED STATES

2.

AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number

11228362-62659506-1000-001

Page 1 of 1

4. Organization Name and Address:

Rolls-Royce Corporation
450 S. Meridian
Indianapolis, IN 46225
USA

Certificate No. PC310

C/O Kuehne-Nagel
2840 Fortune Circle Dr. W Suite C
INDIANAPOLIS IN 46241
USA

5. Work Order/Contract/Invoice

0046410243
Case 12109016

6. Item

1 PACKING, PERFORMED O RING

8. Part Number

AS3209-013

9. Quantity

280 EA

10. Serial Number

N/A

11. Status/Work

NEW

12. REMARKS:

Airworthiness Approval

DIRECT SHIP AUTHORIZATION

Company Sold To or Consigned To / Country:

BOEING DISTRIBUTION, INC. - HELD
ATTN A/P DEPT
PO Box 619048
DALLAS TX 75261-9048
USA

Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

13a. Certifies that the items identified above were manufactured in conformity to:

Approved design data and are in condition for safe operation

Non-approved design data specified in Block 12

13b. Authorized Signature

13c. Approval/Authorization Number

ODA405265CE

13d. Name (Typed or Printed):

Alexs Tyeon

14a. Authorized Signature

14c. Approval/Certificate Number:

14d. Name (Typed or Printed):


14e. Date (dd/mm/yyyy):

01/OCT/2021

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts the aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 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.

PART OR MATERIAL CERTIFICATION FORM

2. Seller's Name: PROPONENT 4. Organization Address: 3120 E. Enterprise Street Brea, CA 92821 U.S.A Phone: (714)223-5400 FAX: (714)995-3490 SITA Code: CVRKKCR		3. Reference No. 6450321-00			
5a. Contact No (Seller) 6450321-00		5b. Contact No. (Buyer) 46461306001			
6. Item	7. Description	9. Eligibility	10. Qty.	11. Serial/Batch No.	12. Status/Work
1	PACKING		2725	713594	NEW
8. Manufacturer & Part No. AS3209-015 PARKER HANNIFIN CORP					
13a. Remarks					
Shipped To: AVIALL CENTRAL WAREHOUSE		Date of MFR: 2Q2021			
13b. Obtained From: PARKER HANNIFIN CORP		13c. Last Cert. Agency			
14. New-unused Parts/Material Certification. The following signature attests that the part(s) or Material(s) identified above was (were) manufactured by an FAA approval holder and inspected in accordance with established industry of U.S. specification, and/or the airworthiness regulations of the country of origin.					
15. Signature 		18. Used, Repaired or Overhauled Parts Certification. The following signature attests that the documentation specified above or attached is accurate with regards to the item(s) described. Repaired parts conform and were inspected in accordance with the Code of Federal Regulations 14 and are approved for return to service.			
16. Name PETE CURTI, CORPORATE VICE PRESIDENT OF QUALITY		17. Date 05/13/21		19. Signature 20. Name 21. Date	
The requirement for a signature on this form is by design and is such that it is binding from a legal standpoint, should the seller of a part or material complete the document and in any way misrepresent, lie or err in the information provided, the holder is liable for legal judgement and in some cases criminal prosecution.					