



LEONARDO MALAYSIA SDN. BHD.

# WORK CARD

SERVICE ORDER NUMBER:

90025566

WORKCARD NUMBER:

2023/BGH/001-03

TITLE:

SB139-451 DATE: AUGUST 24, 2016 REV. : A - MARCH 7, 2018 - ATA 28 - INSTALLATION OF KIT AUXILIARY FUEL TANK

CUSTOMER:

LEONARDO HELICOPTER ITALY (LHI)

REGISTRATION: 9M-BGH

AIRFRAME HOURS: 302:40

#1 ENGINE

SERIAL NUMBER: PCE-KB1931

#2 ENGINE

SERIAL NUMBER: PCE-KB1885

APU

SERIAL NUMBER: N/A

SERIAL NUMBER: 31763

LANDINGS: 850

#1 ENGINE

SERIAL NUMBER: PCE-302:40

#2 ENGINE

SERIAL NUMBER: PCE-302:40

APU

SERIAL NUMBER: N/A

NO SOURCE

TASK / REFERENCE

REMARKS

MECHANIC SIGN

\* AH SIGN & STAMP

DATE

NOTE: FOR FIGURE(S), REFER TO IETP / ENGINE MANUAL / AD / SB.

## ACCOMPLISHMENT INSTRUCTIONS

### GENERAL NOTES

- A) PLACE AN IDENTIFICATION TAG ON ALL COMPONENTS THAT ARE RE-USABLE, INCLUDING THE ATTACHING HARDWARE THAT HAS BEEN REMOVED TO GAIN ACCESS TO THE MODIFICATION AREA AND ADEQUATELY PROTECT THEM UNTIL THEIR LATER RE-USE.
- B) SHAPE THE CABLES IN ORDER TO PREVENT INTERFERENCE WITH THE STRUCTURE AND THE OTHER EXISTING INSTALLATIONS, USING, WHERE NECESSARY, SUITABLE LACING CORDS.
- C) EXERCISE EXTREME CARE DURING DRILLING OPERATIONS TO PREVENT INSTRUMENTS, CABLES AND HOSES DAMAGE.
- D) AFTER DRILLING, REMOVE ALL SWARF AND SHARP EDGES. APPLY ON BARE METAL A LIGHT FILM OF PRIMER UNLESS THE HOLE IS USED FOR GROUND CONNECTION.
- E) DURING THE INSTALLATION OF BONDING BRAIDS OR COMPONENTS REQUIRING GROUNDING, CLEAN THE SURFACE STRUCTURE IN ORDER TO OBTAIN A GOOD GROUND CONTACT.
- F) LET THE ADHESIVE CURE AT ROOM TEMPERATURE FOR AT LEAST 24 HOURS UNLESS OTHERWISE SPECIFIED.
- G) ALL LENGTHS ARE IN MM.

- PARTS / MATERIAL USED / COMPONENT CHANGE RECORD HAVE BEEN RAISED AND ATTACHED.
- CALIBRATED / SPECIAL TOOLS RECORD SHEET HAVE BEEN RAISED AND ATTACHED.

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**PROCEDURE**

1	-	IN ACCORDANCE WITH DM 39-A-00-20-00-00A-120A-A, PREPARE THE HELICOPTER ON GROUND FOR A SAFE MAINTENANCE. DISCONNECT THE BATTERY, ALL ELECTRICAL POWER SOURCES AND/OR THE EXTERNAL POWER SUPPLY.	STARTING DOCUMENT	<i>and</i>	<i>and</i> 106 LM	14/2/23
2	-	IN ACCORDANCE WITH DM 39-A-12-12-01-00A-221A-A AND DM 39-A-12-12-02-00A-221A-A, EMPTY THE TANKS FROM ALL THE FUEL. VENTILATE THE TANKS TO REMOVE FUEL VAPOURS.	TANKS FROM ALL THE FUEL EMPTY	<i>ph.</i>	<i>and</i> 106 LM	14/2/23
3	-	WITH REFERENCE TO FIGURE 1, REMOVE INTERNAL PANELS AND INTERNAL LINERS AS REQUIRED TO GAIN ACCESS TO THE EMPTY COMPARTMENT BETWEEN STA 5795.0 AND STA6700.0, RIGHT AND LEFT SIDE, AND REWORK THE EXISTING RIGHT PANEL P/N 3P5338A02031 AND THE EXISTING LEFT PANEL P/N 3P5338A01931 AS DESCRIBED IN THE FOLLOWING PROCEDURE:  3.1 WITH REFERENCE TO FIGURE 3, DRILL N°11 HOLES Ø 14.25÷14.38 ON RIGHT PANEL P/N 3P5338A02031.  3.2 WITH REFERENCE TO FIGURE 3, DRILL N°11 HOLES Ø14.25÷14.38 ON LEFT PANEL P/N 3P5338A01931.  3.3 WITH REFERENCE TO FIGURE 3, INSTALL N°22 INSERTS P/N NAS1832-3-3 BY MEANS OF EA934NA ADHESIVE.	SARFADORSAN REMOVED.  DRILLING NOT REQUIRED. REWORK REQUIRED.  N/A. REWORKS AT REPAIR STATION OF PANEL.  N/A. REWORKS AT REPAIR STATION OF PANEL.	<i>and</i> <i>and</i> <i>and</i>	<i>and</i> <i>and</i> <i>and</i> 106 LM 106 LM 106 LM	14/2/23 14/2/23 14/2/23

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4		<p>WITH REFERENCE TO FIGURES 4 AND 12, REWORK THE EXISTING RIGHT PANEL P/N 3P5338A01831 AND LEFT PANEL P/N 3P5338A01731 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>4.1 WITH REFERENCE TO FIGURES 4 AND 12, DRILL N°4 HOLES Ø11.48-11.60 ON RIGHT PANEL P/N 3P5338A01831.</p> <p>4.2 WITH REFERENCE TO FIGURE 4, DRILL N°4 HOLES Ø11.48-11.60 ON LEFT PANEL P/N 3P5338A01731.</p> <p>4.3 WITH REFERENCE TO FIGURE 4 SECTION B-B, INSTALL N°8 INSERTS P/N NAS1836-08-13 BY MEANS OF EA934NA ADHESIVE.</p> <p>4.4 WITH REFERENCE TO FIGURE 12 SECTION K-K, REMOVE EXISTING HOLES CLOSURE PLATES ON RIGHT PANEL P/N 3P5338A01831 AND LEFT PANEL P/N 3P5338A01731.</p> <p><b>NOTE</b></p> <p>IN CASE OF INTERFERENCE WITH THE RELATED ANGLE, THE REWORKING (TRIMMING) OF PLATES P/N 3G2870A02351 IS ALLOWED. (REF. STEPS 4.5 THRU 4.7).</p> <p>4.5 WITH REFERENCE TO FIGURE 12 SECTION K-K, BOND N°2 PROTECTION PLATES P/N 3G2870A02351 ON RIGHT PANEL P/N 3P5338A01831 BY MEANS OF 890C SEALANT.</p> <p>4.6 WITH REFERENCE TO FIGURE 12 SECTION K-K, BOND N°2 PROTECTION PLATES P/N 3G2870A02351 ON LEFT PANEL P/N 3P5338A01731 BY MEANS OF 890C SEALANT.</p>	<p>N/A. PERFORMED AT PRODUCTION OF PANEL.</p> <p>N/A. PERFORMED AT PRODUCTION.</p> <p>N/A. PERFORMED AT PRODUCTION.</p> <p>SATISFACTORY REMOVED</p> <p>SATISFACTORY BONDED</p> <p>SATISFACTORY BONDED</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N</p> <p>N</p> <p>N</p>	<p></p> <p></p> <p></p> <p></p> <p></p> <p></p>	<p></p> <p></p> <p></p> <p></p> <p></p> <p></p>	<p>14/12/23</p> <p>14/12/23</p> <p>14/12/23</p> <p>20/12/23</p> <p>20/12/23</p> <p>20/12/23</p>

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5	-	<p>4.7 WITH REFERENCE TO FIGURE 12 SECTION K-K, INSTALL N°4 PROTECTION PLATES P/N 3G2870A02351 BY MEANS OF N°8 SCREWS P/N MS51957-41 AND N°8 WASHERS P/N NAS1149DN832K.</p> <p><b>NOTE</b></p> <p>REWORKING OF THE UPPER BONDED PANEL ASSY IN ACCORDANCE WITH FOLLOWING STEP 5 IS NOT REQUIRED ON HELICOPTERS ALREADY EQUIPPED WITH THE AUXILIARY FUEL ANK STRUCTURAL PROVISION. PERFORMING THE CUT-OUT IN ACCORDANCE WITH STEPS 5.5 THRU 5.7 IS NOT REQUIRED, IF A DIFFERENT HOLE FOR PIPES INSTALLATION IS ALREADY PRESENT.</p> <p>WITH REFERENCE TO FIGURES 1 AND 2, PERFORM THE UPPER PANEL RETROMOD P/N 3G5306P00211 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>5.1 WITH REFERENCE TO FIGURE 1, REMOVE LOWER LONG PLATE P/N 3G5338A16451 AND RETAIN EXISTING HARDWARE FOR LATER REUSE.</p> <p>5.2 WITH REFERENCE TO FIGURE 2, REMOVE RIGHT BONDED PANEL ASSY P/N 3P5338A16031 AND RETAIN EXISTING FIXING HARDWARE FOR LATER REUSE.</p> <p>5.3 WITH REFERENCE TO FIGURE 2 SECTION E-E, DRILL N°5 HOLES Ø11.48÷11.61 ON RIGHT BONDED PANEL ASSY P/N 3P5338A16031.</p>	<p>SATISFACTORILY INSTALLED</p> <p>SATISFACTORILY REMOVED.</p> <p>SATISFACTORILY REMOVED</p> <p>N/A DUE TO ITEM FITTED</p>	<p>M</p> <p>M</p> <p>M</p> <p>N/A</p>	<p>M</p> <p>M</p> <p>M</p> <p>M</p>	<p></p> <p></p> <p></p> <p></p>	<p>20/2/23</p> <p>17/2/23</p> <p>17/2/23</p> <p>17/2/23</p>

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		5.4 WITH REFERENCE TO FIGURE 2 SECTION E-E, INSTALL N°5 INSERTS P/N NAS1836-08-07 BY MEANS OF EA934NA ADHESIVE.	N/A DUE TO ITEM FITTED	N/A	<i>M</i> 	17/2/23
		<b>NOTE</b> PERFORMING THE CUT-OUT IN ACCORDANCE WITH STEPS 5.5 THRU 5.7 IS NOT REQUIRED, IF A DIFFERENT HOLE FOR PIPES INSTALLATION IS ALREADY PRESENT.	N/A DUE TO <del>ITEM</del>  CUT OUT	N/A	<i>M</i> 	17/2/23
		5.5 WITH REFERENCE TO FIGURE 2 DETAIL C, PERFORM THE INDICATED CUT OUT AND REMOVE THE MATERIAL IN THE AREA INDICATED.	PRESENT			
		5.6 WITH REFERENCE TO FIGURE 2 SECTION F-F, FILL ALL AROUND THE CUT OUT WITH EA934NA ADHESIVE.	N/A DUE TO CUT OUT	N/A	<i>M</i> 	17/2/23
		5.7 WITH REFERENCE TO FIGURE 2 SECTION F-F, APPLY N°2 PLYES OF FIBERGLASS HEXCEL BY MEANS OF EA9309.3NA ADHESIVE IN PREVIOUSLY DRILLED AREA.	N/A DUE TO FIBERGLASS HEXCEL PRESENT	N/A	<i>M</i> 	17/2/23
		5.8 WITH REFERENCE TO FIGURE 1, INSTALL THE PREVIOUSLY REMOVED RIGHT BONDED PANEL ASSY P/N 3P5338A16031 AND RIGHT LOWER LONG PLATE P/N 3G5338A22051 BY MEANS OF PREVIOUSLY REMOVED HARDWARE.	SATISFACTORY INSTALLED	<i>M</i>	<i>M</i> 	20/2/23
6	-	WITH REFERENCE TO FIGURES 5 THRU 11, PERFORM AUXILIARY TANK PANELS INSTALLATION P/N 3G5338A03312 AS DESCRIBED IN THE FOLLOWING PROCEDURE:	-	-	-	-

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		<p align="center"><b>NOTE</b></p> <p>ITEMS FURNISHED WITH PILOT HOLES SHALL BE POSITIONED, COUNTERMARKED AND DRILLED UP TO Ø 5.16÷5.28.</p> <p>6.1 WITH REFERENCE TO FIGURE 6 DETAIL Z, REMOVE JOINT ASSY AFT LOWER PANEL P/N 3G2580A04331.</p>	N/A DUE TO DIFFERENT CONFIGURATION	N/A	 	20/2/23
		<p align="center"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEPS 6.2 AND 6.3 ONLY IF P/N 3G5338A03151, P/N 3G5338A02652 AND P/N 3G5338A02932 ARE SUPPLIED AS PART OF THE PRODUCTIVE P/N 3G5338A0312A3 OTHERWISE SKIP TO 6.4.</p> <p>6.2 WITH REFERENCE TO FIGURE 5, TEMPORARILY LOCATE FWD PANEL ASSY P/N 3G5338A03832, FWD LOWER PROFILE P/N 3G5338A03151, N°2 LATERAL FWD PROFILES P/N 3G5338A02652 AND LATERAL AFT PROFILE ASSY P/N 3G5338A02932 AND COUNTERMARK POSITIONS OF N°24 HOLES ON FWD LOWER PROFILE P/N 3G5338A03151, N°10 HOLES ON EACH LATERAL FWD PROFILE P/N 3G5338A02652 AND N°12 HOLES ON LATERAL AFT PROFILE ASSY P/N 3G5338A02932.</p> <p>6.3 DRILL N°56 HOLES Ø5.16÷5.28 IN ACCORDANCE WITH PREVIOUSLY MARKED POSITIONS.</p>	SATISFACTORILY LOCATED		 	20/2/23
		<p align="center"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEPS 6.4 THRU 6.8 ONLY IF THE KIT FURNISHING P/N 4G2500F00411 OR P/N 3G2500F00112</p>	SATISFACTORY MARKED		 	20/2/23
<input type="checkbox"/> PARTS / MATERIAL USED / COMPONENT CHANGE RECORD HAVE BEEN RAISED AND ATTACHED.				<input type="checkbox"/> CALIBRATED / SPECIAL TOOLS RECORD SHEET HAVE BEEN RAISED AND ATTACHED.		
<p>* APPROVAL HOLDER HAVE VERIFIED THAT ALL TOOLS, EQUIPMENT AND OTHER EXTRANEOUS PART OF MATERIALS ARE CLEARED AND ALL TASKS OR INSPECTIONS HAVE BEEN CARRIED OUT TO THE REQUIRED STANDARD. TASK HAS BEEN PERFORMED I.A.W MAINTENANCE MANUAL SPECIFIED IN WORKPACK INDEX LM/QA/GEN/01.</p>						

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		<p>OR KIT VVIP CABIN INTERIOR P/N 3G2520F00311 IS INSTALLED ON THE HELICOPTER, OTHERWISE SKIP TO STEP 6.9.</p> <p>6.4 WITH REFERENCE TO FIGURE 6 DETAIL Z, TEMPORARILY LOCATE FWD LOWER PROFILE P/N 3G5338A03151M01 AND N°2 ANGLE ASSEMBLIES P/N 3G5338A04931 AND COUNTERMARK HOLES POSITIONS ON EACH ANGLE ASSY P/N 3G5338A04931 AND N°24 HOLES ON FWD LOWER PROFILE P/N 3G5338A03151M01.</p>	<p>N/A DUE TO ITEM NOT INSTALLED</p>	<p>N/A</p>	<p><i>LM</i>  </p>	<p>20/2/23</p>
		<p>6.5 WITH REFERENCE TO FIGURE 6 DETAIL Z, DRILL THE HOLES Ø5.16±5.28 IN PREVIOUSLY MARKED POSITIONS ON EACH ANGLE ASSY P/N 3G5338A04931 AND ON FWD LOWER PROFILE P/N 3G5338A03151M01</p>	<p>N/A DUE TO DIFFERENT CONFIGURATION</p>	<p>N/A</p>	<p><i>LM</i>  </p>	<p>20/2/23</p>
		<p>6.6 WITH REFERENCE TO FIGURE 5, 6, 7, 8 AND 10, TEMPORARILY LOCATE FORWARD PANEL ASSY P/N 3G5338A03832, FWD LOWER PROFILE P/N 3G5338A03151M01, N°2 LATERAL FWD PROFILES P/N 3G5338A02652M01 AND LATERAL AFT PROFILE ASSY P/N 3G5338A02932M01 AND COUNTERMARK HOLES POSITION.</p>	<p>SATISFACTORY LOCATED</p>	<p><i>LM</i></p>	<p><i>LM</i>  </p>	<p>17/2/23</p>
		<p>NOTE            THE TRIMMING OF LEFT AND RIGHT CABIN LINING PANEL IS ALLOWED IN CASE OF INTERFERENCE WITH THE AUXILIARY FUEL TANK INSTALLATION.</p> <p>PERFORM THE FOLLOWING TO STEP 6.7 ONLY IF THE KIT FURNISHING P/N 4G2500F00411 OR P/N 3G2500F00112 OR KIT VVIP CABIN INTERIOR P/N 3G2520F00311 IS NOT INSTALLED ON THE HELICOPTER.</p>				

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		6.7 WITH REFERENCE TO FIGURE 5, 6, 7, 8 AND 10, DRILL HOLES Ø5.16÷5.28 IN PREVIOUSLY MARKED POSITIONS.	SATISFACTORY HOLES PICKED UP	<i>J</i>	<i>M</i> 	20/2/23
		6.8 WITH REFERENCE TO FIGURES 5, 6, 7, 8 AND 10, INSTALL FORWARD PANEL ASSY P/N 3G5338A03832, FWD LOWER PROFILE P/N 3G5338A03151M01, N°2 ANGLE ASSEMBLIES P/N 3G5338A04931, N°2 LATERAL FWD PROFILES P/N 3G5338A02652M01, LATERAL AFT PROFILE ASSY P/N 3G5338A02932M01 AND GASKET TEFLON TAPE BY MEANS OF SCREWS P/N MS27039-1-09 AND WASHERS P/N NAS1149D0332J EXCEPT FOR THE INSTALLATION OF FWD LOWER PROFILE P/N 3G5338A03151M01 ON EXISTING PROFILE P/N 3P5338A10152 WHERE N°12 SCREWS P/N MS27039-1-07 AND N°2 SHEAR BOLTS P/N 20-113V3-03 SHALL BE USED.	SATISFACTORY INSTALLED	<i>M</i>	<i>M</i> 	20/2/23
		6.9 IN ACCORDANCE WITH FIGURES 5, 6, 7, 8 AND 10 TEMPORARILY LOCATE AFT PANEL ASSY P/N 3G5338A03932, AFT LOWER PROFILE ASSY P/N 3G5338A03231 AND N°2 LATERAL AFT PROFILE ASSEMBLIES P/N 3G5338A02832 AND COUNTERMARK POSITIONS OF N°16 HOLES ON AFT LOWER PROFILE ASSY P/N 3G5338A03231 AND N°5 HOLES ON EACH LATERAL AFT PROFILE ASSY P/N 3G5338A02832.	SATISFACTORY LOCATED	<i>M</i>	<i>M</i> 	20/2/23

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		6.10 DRILL N°26 HOLES Ø5.16÷5.28 IN ACCORDANCE WITH PREVIOUSLY MARKED POSITIONS.	SATISFACTORY HOLES PICKED UP	<i>JS</i>		20/2/23
		6.11 WITH REFERENCE TO FIGURE 5, 6, 7, 8 AND 10 INSTALL AFT PANEL ASSY P/N 3G5338A03932A, AFT LOWER PROFILE ASSY P/N 3G5338A03231M01, N°2 LATERAL AFT PROFILE ASSEMBLIES P/N 3G5338A02832M01, ANGLE ASSY P/N 3G5338A03631 AND COUNTERMARK HOLES POSITION.	SATISFACTORLY INSTALLED	<i>JS</i>		20/2/23
		6.12 WITH REFERENCE TO FIGURE 5, 6, 7, 8 AND 10, DRILL HOLES Ø5.16÷5.28 IN PREVIOUSLY MARKED POSITIONS.	SATISFACTORLY HOLES PICKED UP	<i>JS</i>		20/2/23
		6.13 IN ACCORDANCE WITH FIGURES 5, 6, 7, 8 AND 10 INSTALL AFT PANEL ASSY P/N 3G5338A03932A, AFT LOWER PROFILE ASSY P/N 3G5338A03231M01, N°2 LATERAL AFT PROFILE ASSEMBLIES P/N 3G5338A02832M01, ANGLE ASSY P/N 3G5338A03631 AND GASKET TEFLON TAPE BY MEANS OF SCREWS P/N MS27039-1-09 AND WASHERS P/N NAS1149D0332J EXCEPT FOR THE INSTALLATION OF AFT LOWER PROFILE ASSY P/N 3G5338A03231M01 ON EXISTING PROFILE P/N 3P5338A10451, WHERE SCREWS P/N MS27039-1-07 SHALL BE USED.	SATISFACTORLY INSTALLED	<i>JS</i>		22/2/23
		6.14 COVER THE RIVETS/NUTS HEADS OR ANY PROTRUSION THAT MAY DAMAGE THE CELL WITH SCOTCH TAPE P/N 363H50 OR EQUIVALENT.	SATISFACTORLY COVERED	<i>ML</i>		22/2/23
		6.15 WITH REFERENCE TO FIGURE 12, REMOVE N°2 WASHERS P/N 3G2810A00551 TO AVOID INTERFERENCE WITH ANGULAR P/N 3G5338A03431 FROM THE RIGHT PANEL P/N 3P5338A02031 AND REMOVE LEFT PANEL P/N 3P5338A01931 TO AVOID	SATISFACTORLY REMOVED	<i>ML</i>		22/2/23

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		INTERFERENCE WITH N°2 P/N 3G5338A03431 ANGLE ASSEMBLIES TO BE INSTALLED. HOLD THE WASHERS FOR LATER REUSE.				
		<b>NOTE</b> PERFORM THE FOLLOWING STEPS 6.16 AND 6.17 ONLY IF P/N 3G5338A03431 IS SUPPLIED AS PART OF THE PRODUCTIVE P/N 3G5338A03312A3 OTHERWISE SKIP TO 6.18.	SATISFACTORILY LOCATED	<i>J</i>	<i>M</i> 	21/2/23
		6.16 WITH REFERENCE TO FIGURE 8, TEMPORARILY LOCATE N°2 ANGLE ASSEMBLIES P/N 3G5338A03431 AND COUNTERMARK POSITIONS OF N°11 HOLES ON EACH ANGLE ASSY P/N 3G5338A03431.	SATISFACTORILY HOLES PICKED UP	<i>J</i>	<i>M</i> 	21/2/23
		6.17 DRILL N°22 HOLES Ø5.16÷5.28 IN ACCORDANCE WITH PREVIOUSLY MARKED POSITIONS.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	21/2/23
		6.18 WITH REFERENCE TO FIGURE 8, INSTALL N°2 ANGLE ASSEMBLIES P/N 3G5338A03431 AND GASKETS TEFLON TAPE BY MEANS OF SCREWS P/N MS27039-1-06.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	21/2/23
7	-	WITH REFERENCE TO FIGURES 12 THRU 15, PERFORM THE AUXILIARY FUEL TANK INSTALLATION P/N 3G2800F00111 AS DESCRIBED IN THE FOLLOWING PROCEDURE: 7.1 WITH REFERENCE TO FIGURE 12 DIMENSIONS, INSTALL THE VELCRO STRIPS P/N 507673 ON PANELS P/N 3G5338A03832, P/N 3G5338A03932A, P/N 3P5338A02031 AND P/N 3P5338A01931.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	21/2/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		7.2 WITH REFERENCE TO FIGURE 14 SECTION D-D, REMOVE AUXILIARY CAP P/N 503770-1, N°8 BOLTS P/N NAS6204-4, N°8 WASHERS P/N NAS1149C0416 AND ELECTRICAL BONDING STRIP P/N 120-055-2-8 FROM MAIN RIGHT TANK P/N 3G2810V00232.	SATISFACTORY REMOVED	<i>M</i>	<i>M</i> 	22/12/23
		7.3 WITH REFERENCE TO FIGURE 14 SECTION D-D, REMOVE AUXILIARY CAP P/N 503770-1, N°8 BOLTS P/N NAS6204-4, N°8 WASHERS P/N NAS1149C0416 AND ELECTRICAL BONDING STRIP P/N 120-055-2-8 FROM MAIN LEFT TANK P/N 3G2810V00132.	SATISFACTORY REMOVED	<i>M</i>	<i>M</i> 	22/12/23
		7.4 WITH REFERENCE TO FIGURE 12, LOCATE THE AUXILIARY TANK P/N 3G2810V00931 IN ITS POSITION INSIDE THE HELICOPTER.	SATISFACTORY LOCATED	<i>M</i>	<i>M</i> 	22/12/23
		7.5 COMBINE AND FIX THE VELCRO STRIP ON THE P/N 3G2810V00931 AUXILIARY TANK WITH THE P/N 507673 VELCRO STRIP PREVIOUSLY INSTALLED ON PANELS P/N 3G5338A03832, P/N 3G5338A03932A, P/N 3P5338A02031 AND P/N 3P5338A01931.	SATISFACTORY COMBINED AND FIXED	<i>M</i>	<i>M</i> 	22/12/23
		7.6 WITH REFERENCE TO FIGURE 14 SECTION D-D, REMOVE FROM THE MAIN RIGHT TANK P/N 3G2810V00232 THE AUXILIARY CAP P/N 50377 AND THE ELECTRICAL BONDING STRIP P/N 120-055-2-8.	SATISFACTORY REMOVED	<i>M</i>	<i>M</i> 	22/12/23
		7.7 WITH REFERENCE TO FIGURE 14 SECTION D-D, REMOVE AND REPLACE O-RINGS P/N MS29513-135 AND P/N MS29513-151.	SATISFACTORY REPLACED	<i>M</i>	<i>M</i> 	22/12/23
		7.8 WITH REFERENCE TO FIGURE 14 SECTION D-D, REMOVE FROM THE MAIN LEFT TANK P/N 3G2810V00132 THE AUXILIARY CAP P/N 50377 AND THE ELECTRICAL BONDING STRIP P/N 120-055-2-8.	SATISFACTORY REMOVED	<i>M</i>	<i>M</i> 	22/12/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		7.9 WITH REFERENCE TO FIGURE 14 SECTION D-D, REMOVE AND REPLACE O-RINGS P/N MS29513-135 AND P/N MS29513-151.	SATISFACTORY REPLACED	<i>M</i>		22/2/23
		7.10 IN ACCORDANCE WITH AMP DM 39-A-20-00-00-00A-711A-A AND WITH REFERENCE TO FIGURE 14 SECTION D-D, INSTALL AUXILIARY TANK P/N 3G2810V00931 ON THE MAIN RIGHT TANK P/N 3G2810V00232 BY MEANS OF BONDING SPACER ASSY P/N 508565-1, N°8 BOLTS P/N NAS6204-10, N°8 WASHERS P/N NAS1149D00432K AND N°8 WASHERS P/N MS35333-40.	SATISFACTORY INSTALLED	<i>M</i>		22/2/23
		7.11 IN ACCORDANCE WITH AMP DM 39-A-20-00-00-00A-711A-A AND WITH REFERENCE TO FIGURE 14 SECTION D-D, INSTALL AUXILIARY TANK P/N 3G2810V00931 ON THE MAIN LEFT TANK P/N 3G2810V00132 BY MEANS OF BONDING SPACER ASSY P/N 508565-1, N°8 BOLTS P/N NAS6204-10, N°8 WASHERS P/N NAS1149D00432K AND N°8 WASHERS P/N MS35333-40.	SATISFACTORY INSTALLED	<i>M</i>		23/2/23
		7.12 ATTACH THE AUXILIARY FUEL TANK P/N 3G2810V00931 TO THE TIE-DOWN RINGS ON THE STRUCTURE WITH THE NEW NYLON CORD. START THE TIE-DOWN OPERATION FROM THE X RING AND CONTINUE TO THE X1 RING.	SATISFACTORY INSTALLED AND ATTACHED	<i>M</i>		23/2/23
		7.13 WITH REFERENCE TO FIGURE 12 SECTION L-L, INSTALL ACCESS DOOR P/N 503588 ON THE AUXILIARY TANK P/N 3G2810V00931 BY MEANS OF O-RING P/N MS29513-273, N°24 BOLTS P/N NAS1303-1, N°24 WASHERS P/N NAS1149D0316K, N°4 SCREWS P/N MS24693-556 AND THE PREVIOUSLY REMOVED N°4 WASHERS P/N 3G2810A00551.	SATISFACTORY INSTALLED	<i>M</i>		23/2/23
		7.14 WITH REFERENCE TO FIGURE 13 VIEW F, TEMPORARILY INSTALL FLEXIBLE HOSE P/N 508083 AND FITTING P/N AS5174D1212 AND CONNECT WITH PIPE ASSY P/N 3G2870A02532.	SATISFACTORY TEMPORARILY INSTALLED	<i>M</i>		23/2/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		7.15 WITH REFERENCE TO FIGURE 13 DETAIL C, TEMPORARILY CONNECT FLEXIBLE HOSE P/N 508083 WITH AUXILIARY FUEL TANK P/N 3G2810V00931.	SATISFACTORILY TEMPORARILY CONNECTED	<i>M</i>	<i>M</i> 	23/2/23
		7.16 IN ACCORDANCE WITH AMP DM 39-A-28-11-00-00A-364A-A, PERFORM THE LEAK CHECK. IF THE TEST IS SUCCESSFUL, DISCONNECT FLEXIBLE HOSE P/N 508083 AND FITTING P/N AS5174D1212 FROM PIPE ASSY P/N 3G2870A02532 AND AUXILIARY FUEL TANK P/N 3G2810V00931 THEN SEAL THE STRUCTURAL PANEL OF THE AUXILIARY TANK WITH PROSEAL 890B2.	SATISFACTORILY LEAK CHECK PERFORMED	<i>M</i>	<i>M</i> 	23/2/23
		7.17 WITH REFERENCE TO FIGURE 7, TEMPORARILY LOCATE THE UPPER PANEL ASSY P/N 3G5338A02532A AND COUNTERMARK POSITIONS OF N°36 HOLES.	SATISFACTORILY TEMPORARILY LOCATE	<i>M</i>	<i>M</i> 	23/2/23
		7.18 DRILL N°36 HOLES Ø5.16±.5.28 IN ACCORDANCE WITH PREVIOUSLY MARKED POSITIONS.	SATISFACTORILY MARKED	<i>M</i>	<i>M</i> 	23/2/23
		7.19 WITH REFERENCE TO FIGURE 7, INSTALL THE UPPER PANEL ASSY P/N 3G5338A02532A AND GASKET TEFLON TAPE ON N°2 ANGLE ASSEMBLIES P/N 3G5338A03431, ANGLE P/N 3G5338A02932M01 AND ANGLE P/N 3G5338A03631 BY MEANS OF N°36 SCREWS P/N MS27039-1-08.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	23/2/23
		7.20 WITH REFERENCE TO FIGURE 14 VIEW G, REMOVE CEILING CLOSURE PANEL ASSY P/N 3G2580A12533 AND RETAIN EXISTING HARDWARE FOR LATER REUSE.	SATISFACTORILY REMOVED	<i>M</i>	<i>M</i> 	23/2/23

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		7.21 WITH REFERENCE TO FIGURE 14 VIEW G, DRILL HOLE Ø25.4 ON CEILING CLOSURE PANEL ASSY P/N 3G2580A12533.	N/A DUE TO EXISTING HOLE	N/A	 	27/2/23
		7.22 WITH REFERENCE TO FIGURE 14 VIEW G, INSTALL CEILING PANEL P/N 3G2506P00451 OBTAINED REWORKING CEILING CLOSURE PANEL ASSY P/N 3G2580A12533 BY MEANS OF PREVIOUSLY REMOVED EXISTING HARDWARE.	SATISFACTORILY INSTALLED		 	1/3/23
		7.23 WITH REFERENCE TO FIGURE 14 VIEW G, INSTALL GROMMET P/N MS35489-8.	SATISFACTORILY INSTALLED		 	27/2/23
		7.24 WITH REFERENCE TO FIGURE 15 VIEW R, INSTALL GROMMET P/N MS35489-120.	SATISFACTORILY INSTALLED		 	27/2/23
		7.25 WITH REFERENCE TO FIGURE 13 VIEW A, REMOVE CAP TUBE P/N AN929-12D FROM TEE-FLARED FITTING P/N AN824-12D.	SATISFACTORILY REMOVED		 	27/2/23
		7.26 WITH REFERENCE TO FIGURE 13 VIEW A, REMOVE RUBBER COVER P/N 3G2810L00351.	SATISFACTORILY REMOVED		 	27/2/23
		<b>NOTE</b> PERFORM THE FOLLOWING STEPS 7.27 AND 7.28 ONLY IF RUBBER COVER P/N 3G2810L03251 IS OBTAINED BY REWORKING OF RUBBER COVER P/N 3G2810L00351, OTHERWISE SKIP TO 7.29.				

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		7.27 WITH REFERENCE TO FIGURE 14 DETAIL X, PERFORM REWORKING OF RUBBER COVER P/N 3G2810L00351 AND MARK THE NEW RUBBER COVER OBTAINED BY REWORKING AS P/N 3G2810L03251.	SATISFACTORILY REWORKED	<i>M</i>	<i>M</i> 	27/12/23
		7.28 WITH REFERENCE TO FIGURE 14 DETAIL X, INSTALL RUBBER COVER P/N 3G2810L03251.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	27/12/23
		7.29 WITH REFERENCE TO FIGURE 13 VIEW A, INSTALL RUBBER COVER P/N 3G2810L03251.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	27/12/23
		7.30 WITH REFERENCE TO FIGURE 13 VIEW A, INSTALL CLAMP P/N AN735D12, BONDING CABLE P/N A601A313, SCREW P/N MS27039-1-07, N°2 WASHERS P/N NAS1149D0316J AND NUT P/N MS21042L3.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	27/12/23
		<b>NOTE</b> IN ACCORDANCE WITH CLAMP POSITION, THE INSTALLATION OF THE BONDED STUD P/N A366A3E28C IN AN ADJACENT POSITION IS ALLOWED FOR A PROPER INSTALLATION OF THE PIPE ASSY WITHOUT TENSIONING (REF STEP 7.31 AND 7.32).	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	27/12/23
		7.31 WITH REFERENCE TO FIGURE 13 VIEW A, INSTALL BONDED STUD P/N A366A3E28C, CLAMP P/N MS21919WDG12, SPACER P/N NAS43DD3-73N, WASHER P/N NAS1149D0332J AND NUT P/N MS21042L3 AT STA 6320.0.	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	27/12/23
		7.32 WITH REFERENCE TO FIGURE 13 VIEW A, INSTALL BONDED STUD P/N A366A3E28C, CLAMP P/N MS21919WDG12, SPACER P/N NAS42DD3-83N, BRACKET P/N MS9592-062, BOLT P/N AN3-3A,	SATISFACTORILY INSTALLED	<i>M</i>	<i>M</i> 	27/12/23

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		N°3 WASHERS P/N NAS1149D0332J AND N°2 NUTS P/N MS2104213 AT STA 6485.0.				
		7.33 WITH REFERENCE TO FIGURE 13, INSTALL PIPE ASSY P/N 3G2870A02532.	SATISFACTORILY P/N: 3G2870A02532 INSTALLED	<i>ML</i>		27/12/23
		7.34 WITH REFERENCE TO FIGURE 15, PUT IN POSITION DOUBLER P/N 3G2870A02751 AND CAPE FUME BOOT P/N 412-061-612-101 ON FLEXIBLE HOSE P/N 508083.	SATISFACTORILY PUT	<i>ML</i>		1/3/23
		7.35 WITH REFERENCE TO FIGURE 13 VIEW F, INSTALL FLEXIBLE HOSE P/N 508083 AND FITTING P/N AS5174D1212 AND CONNECT WITH PIPE ASSY P/N 3G2870A02532.	SATISFACTORILY INSTALLED	<i>ML</i>		1/3/23
		7.36 WITH REFERENCE TO FIGURE 13 VIEW F, INSTALL BONDING CABLE P/N A601A313 BY MEANS OF CLAMP P/N AN735D12, CLAMP P/N AN735D18, N°2 SCREWS P/N MS27039-1-07, N°4 WASHERS NAS1149D0316J AND N°2 NUTS P/N MS2104213.	SATISFACTORILY INSTALLED	<i>ML</i>		1/3/23
		7.37 WITH REFERENCE TO FIGURE 15 DETAIL B AND SECTION S-S, INSTALL SHIM P/N 3G2870A02651, DOUBLER P/N 3G2870A02751 AND CAP FUME BOOT P/N 412-061-612-101 BY MEANS OF N°5 WASHERS P/N 999-0065-11-47 AND N°5 SCREWS P/N MS27039-0805.	SATISFACTORILY INSTALLED	<i>ML</i>		1/3/23
		7.38 WITH REFERENCE TO FIGURE 15 DETAIL B, INSTALL SEALING GASKET P/N 3G2870A02251 AND APPLY PROSEAL 890C AROUND THE FLEXIBLE HOSE P/N 508083 BESIDE THE GASKET.	SATISFACTORILY INSTALLED	<i>ML</i>		1/3/23

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		7.39 WITH REFERENCE TO FIGURE 15 DETAIL B, INSTALL CLAMP P/N NAS1924-74.	SATISFACTORY INSTALLED	<i>ML</i>	<i>ML</i> 	1/3/23
		7.40 WITH REFERENCE TO FIGURE 13 DETAIL C, INSTALL PASSWALL SEAL P/N 507664 ON THE UPPER PANEL ASSY BESIDE THE AUXILIARY FUEL TANK P/N 3G2810V00931 VENT FITTING.	SATISFACTORY INSTALLED	<i>ML</i>	<i>ML</i> 	1/3/23
		<b>NOTE</b> IF NECESSARY, THE ROPE OF THE AUXILIARY FUEL TANK CONNECTOR A66P1 MAY BE REPLACED WITH A LONGER ONE.	SATISFACTORY CONNECTED	<i>ML</i>	<i>ML</i> 	1/3/23
		7.41 WITH REFERENCE TO FIGURE 13 VIEW A AND DETAIL C, CONNECT THE AUXILIARY FUEL CONNECTOR A66P1 TO A66J1.				
		7.42 WITH REFERENCE TO FIGURE 13 DETAIL H, PUT IN POSITION DOUBLER P/N 412-061-614-103 AND CAPE FUME BOOT P/N 412-061-612-101 ON FLEXIBLE HOSE P/N 508083.	SATISFACTORY PUT	<i>ML</i>	<i>ML</i> 	1/3/23
		7.43 WITH REFERENCE TO FIGURE 13 DETAIL C, CONNECT FLEXIBLE HOSE P/N 508083 WITH AUXILIARY FUEL TANK P/N 3G2810V00931.	SATISFACTORY CONNECTED	<i>ML</i>	<i>ML</i> 	1/3/23
		7.44 WITH REFERENCE TO FIGURE 13 DETAIL H, INSTALL DOUBLER P/N 412-061-614-103 AND CAP FUME BOOT P/N 412-061-612-101 BY MEANS OF N°5 SCREWS P/N MS27039-1-06 AND N°6 WASHERS P/N NAS1149C0316R.	SATISFACTORY INSTALLED	<i>ML</i>	<i>ML</i> 	1/3/23










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		7.45 WITH REFERENCE TO FIGURE 13 DETAIL H, INSTALL SEALING GASKET P/N 3G2870A02251 AND APPLY PROSEAL 890C AROUND THE FLEXIBLE HOSE P/N 508083 BESIDE THE SEALING GASKET.	SATISFACTORY INSTALLED AND APPLIED	<i>M</i>	<i>M</i> 	1/3/23
		7.46 WITH REFERENCE TO FIGURE 13 DETAIL H, INSTALL CLAMP P/N NAS1924-58.	SATISFACTORY INSTALLED	<i>M</i>	<i>M</i> 	1/3/23
		<b>NOTE</b> FOLLOWING STEPS 7.47 AND 7.48 ARE APPLICABLE ONLY TO AW139 FROM S/N 31400 TO S/N 31699 AND FROM S/N 41300 TO S/N 41499.	N/A DUE TO DIFFERENT S/N	N/A	<i>SL</i> 	1/3/23
		7.47 WITH REFERENCE TO FIGURE 13 DETAIL H, INSTALL STENCILS P/N A954AW010EN AND P/N A954AD040EN IN AN AREA ADJACENT TO FLEXIBLE HOSE BESIDE THE AUXILIARY FUEL TANK.				
		7.48 WITH REFERENCE TO FIGURE 14, INSTALL STENCIL P/N A954AT050EN.	N/A DUE TO DIFFERENT S/N	N/A	<i>SL</i> 	1/3/23
		<b>NOTE</b> FOLLOWING STEPS 7.49 AND 7.50 ARE APPLICABLE ONLY TO AW139 FROM S/N 31700 ONWARDS AND FROM S/N 41500 ONWARDS.	SATISFACTORY INSTALLED	<i>M</i>	<i>M</i> 	1/3/23
		7.49 WITH REFERENCE TO FIGURE 13 DETAIL H, INSTALL STENCILS P/N AW001DSD020EQ AND P/N AW001DSW010EQ IN AN AREA ADJACENT TO FLEXIBLE HOSE BESIDE THE AUXILIARY FUEL TANK.				

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8		7.50 WITH REFERENCE TO FIGURE 14, INSTALL STENCIL P/N AW001DST050EQ.  WITH REFERENCE TO FIGURE 16, PERFORM THE REAR CLOSURE PANEL INSTALLATION P/N 3G2580A13812 AS DESCRIBED IN THE FOLLOWING PROCEDURE:  <b>NOTE</b> IT IS ALLOWED TO MANUFACTURE LOCALLY HORIZONTAL LOWER ANGLE ASSY P/N 3G2580A14032A AND HORIZONTAL UPPER ANGLE ASSY P/N 3G2580A13931M01, PROVIDED THAT THEY ARE MADE WITH ALUMINIUM ALLOY 2024 T3 THICKNESS 1.02 MM, IN ACCORDANCE WITH DRAWING DIMENSIONS AND SUPERFICIAL TREATMENT N+XP/F/1 (CHROMIC ACID ANODISING NOT SEALED + WATERBORNE CHROMATE FREE PRIMER, ONE COAT).  8.1 WITH REFERENCE TO FIGURE 16, TEMPORARILY LOCATE REAR CLOSURE PANEL ASSY P/N 3G2580A13831, VERTICAL ANGLE ASSY RH P/N 3G2580A14131M01, VERTICAL ANGLE ASSY LH P/N 3G2580A14132M01, HORIZONTAL LOWER ANGLE ASSY P/N 3G2580A14032A AND HORIZONTAL UPPER ANGLE ASSY P/N 3G2580A13931M01 AND COUNTERMARK HOLES POSITION.  8.2 DRILL HOLES Ø5.16÷5.28 IN ACCORDANCE WITH PREVIOUSLY MARKED POSITIONS.	SATISFACTORILY INSTALLED   SATISFACTORILY TEMPORARILY LOCATE	  	    	1/3/23   3/3/23
			SATISFACTORILY MARKED		 	3/3/23

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		8.3 WITH REFERENCE TO FIGURE 16, INSTALL HORIZONTAL UPPER ANGLE ASSY P/N 3G2580A13931M01, VERTICAL ANGLE ASSY RH P/N 3G2580A14131M01, VERTICAL ANGLE ASSY LH P/N 3G2580A14132M01 AND HORIZONTAL LOWER ANGLE ASSY P/N 3G2580A14032A BY MEANS OF EXISTING HARDWARE.	SATISFACTORY INSTALLED	<i>[Signature]</i>	<i>[Signature]</i> 	8/13/25
		8.4 WITH REFERENCE TO FIGURE 16, INSTALL REAR CLOSURE PANEL ASSY P/N 3G2580A13831 BY MEANS OF N°21 SCREWS P/N MS27039-1-07 AND N°21 WASHERS P/N NAS1149D0316K.	SATISFACTORY INSTALLED	<i>[Signature]</i>	<i>[Signature]</i> 	8/13/25
9	-	<p align="center"><b>NOTE</b></p> <p>IF NECESSARY, IN ORDER TO AVOID INTERFERENCE WITH THE AUXILIARY FUEL TANK INSTALLATION, IT IS ALLOWED TO PARTIALLY REMOVE THE FOAM FROM THE CENTER CABIN LINING, UP TO THE AUXILIARY TANK FRONT PANEL HEIGHT (REF STEP 9).</p> <p>WITH REFERENCE TO FIGURES 3 THRU 11 SEAL THE STRUCTURAL PANELS OF THE AUXILIARY TANK ALONG THEIR WHOLE PERIMETER USING PROSEAL 890C.</p>	SATISFACTORY PROSEAL APPLIED	<i>[Signature]</i>	<i>[Signature]</i> 	8/13/25
10	-	IN ACCORDANCE WITH WEIGHT AND BALANCE CHANGES, UPDATE THE CHART A (SEE ROTORCRAFT FLIGHT MANUAL, PART II, SECTION 6).	JOB CARD TO UPDATE AS APPROPRIATE. REFER TO WIC 2025/1544/005-10 FOR AIRCRAFT INSTRUCTIONS.	<i>[Signature]</i>	<i>[Signature]</i> 	10/13/25
11	-	INSTALL ALL THE INTERNAL PANELS AND INTERNAL LINERS REMOVED TO GET ACCESS TO THE WORK AREA.	SATISFACTORY INSTALLED.	<i>[Signature]</i>	<i>[Signature]</i> 	10/13/25

PARTS / MATERIAL USED / COMPONENT CHANGE RECORD HAVE BEEN RAISED AND ATTACHED.

CALIBRATED / SPECIAL TOOLS RECORD SHEET HAVE BEEN RAISED AND ATTACHED.

\* APPROVAL HOLDER HAVE VERIFIED THAT ALL TOOLS, EQUIPMENT AND OTHER EXTRANEOUS PART OF MATERIALS ARE CLEARED AND ALL TASKS OR INSPECTIONS HAVE BEEN CARRIED OUT TO THE REQUIRED STANDARD. TASK HAS BEEN PERFORMED I.A.W MAINTENANCE MANUAL SPECIFIED IN WORKPACK INDEX LM/QA/GEN/01.

NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
12	-	RETURN THE HELICOPTER TO FLIGHT CONFIGURATION AND RECORD FOR COMPLIANCE WITH THIS SERVICE BULLETIN ON THE HELICOPTER LOGBOOK.	SCHEDULED FOR RETURNED FOR CANO TO RECORD AND UPDATE AS APPROPRIATE.			10/13/23 
13	-	SEND THE ATTACHED COMPLIANCE FORM TO THE FOLLOWING MAIL BOX: CSE.AW139.AW@LEONARDOCOMPANY.COM. AS AN ALTERNATIVE, GAIN ACCESS TO MY COMMUNICATIONS SECTION ON LEONARDO WEBPORTAL AND COMPLETE THE "SERVICE BULLETIN APPLICATION COMMUNICATION".	FOR PRTD TO THE NOTE AND SEND AS APPROPRIATE.			10/13/23

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PARTS / MATERIAL USED / COMPONENT CHANGE RECORD HAVE BEEN RAISED AND ATTACHED.
  CALIBRATED / SPECIAL TOOLS RECORD SHEET HAVE BEEN RAISED AND ATTACHED.

\* APPROVAL HOLDER HAVE VERIFIED THAT ALL TOOLS, EQUIPMENT AND OTHER EXTRANEIOUS PART OF MATERIALS ARE CLEARED AND ALL TASKS OR INSPECTIONS HAVE BEEN CARRIED OUT TO THE REQUIRED STANDARD. TASK HAS BEEN PERFORMED I.A.W MAINTENANCE MANUAL SPECIFIED IN WORKPACK INDEX LM/QA/GEN/01.

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**SERVICE BULLETIN**

**N° 139-451**

**DATE:** August 24, 2016

**REV. :** A - March 7, 2018

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**TITLE**

**ATA 28 – INSTALLATION OF KIT AUXILIARY FUEL TANK**

**REVISION LOG**

Helicopters that have complied with the first issue of this Service Bulletin do not need any additional action.

Revision A is issued to extend the effectivity to all AW139 from S/N 31400 to S/N 31699 and from S/N 41300 to S/N 41499.

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An appropriate entry should be made in the aircraft log book upon accomplishment.  
If ownership of aircraft has changed, please, forward to new owner.

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LEONARDO MALAYSIA SDN. BHD.

PARTS / MATERIAL USED / COMPONENT CHANGE RECORD

WORKSHEET / WORKCARD NUMBER :

SERVICE ORDER NUMBER :

9 0 0 2 5

5 6 6

AIRFRAME HOURS :

AIRCRAFT REGISTRATION :

9M-BGH

AIRCRAFT SERIAL NUMBER :

31763

LANDINGS :

PARTS / MATERIAL USED / COMPONENT CHANGE RECORD (IF APPLICABLE)

DESCRIPTION	PART NO.	REMOVED		INSTALLED		RELEASE DOCUMENT
		SERIAL NO.	TSN/TSO	SERIAL NO.	TSN/TSO	
UPPER PANEL ASSY	365338A02532A	N/A	N/A	N/A	N/A	PZL-2022-PL16-07865
AFT LOWER PROFILE ASSY	365338A03231M01	N/A	N/A	N/A	N/A	PZL-2022-PL16-07179
AFT PANEL ASSY	365338A03932	N/A	N/A	N/A	N/A	PZL-2020-PL16-03840
LATERAL AFT PROFILE ASSY	365338A02832M01	N/A	N/A	N/A	N/A	PZL-2022-PL16-05912
WASHER, FLAT	NAS114900316K	N/A	N/A	N/A	N/A	0070902500/17-01-2019
WASHER, FLAT	NAS114900316J	N/A	N/A	N/A	N/A	0071113146/30-06-2021
WASHER, FLAT	NAS114900332J	N/A	N/A	N/A	N/A	0070446354/15-08-2016
REAR PANEL CLOSURE ASSY	362580A13831	N/A	N/A	N/A	N/A	AG4-2022-1720-14393
NUT, SELF-LOCKING PLATE	NAS1474A3	N/A	N/A	N/A	N/A	007117539/14-07-2021
TAPE, RIBBED	AW005ME01T204212	N/A	N/A	N/A	N/A	AG4-2021-1720-18242
FABRIC, FIBER GLASS, 2022 1200	9999999999000003617	N/A	N/A	N/A	N/A	1720-2022-24542
INSERT, SCREW THREAD	NAS1836-08-07	N/A	N/A	N/A	N/A	007120811/17-08-2022
CONNECTOR, RIGHT RCPT, ELECTRICAL N	D38999/26W435SA	N/A	N/A	N/A	N/A	1720-2022-24483
BOLT, SHEAR	NAS6204-10	N/A	N/A	N/A	N/A	0071211258/31-08-2022
RIGHT LOWER LONG PLATE	365338A2051	N/A	N/A	N/A	N/A	PZL-2020-PL16-01450
FUEL CELL	503593	N/A	N/A	710 710	N/A	9129766
PWD PANEL ASSY	365338A03832	N/A	N/A	N/A	N/A	PZL-2020-PL16-04436
HORIZONTAL UPGR ANGLE ASSY	362580A13931	N/A	N/A	N/A	N/A	PZL-2020-PL16-07160
ANGLE ASSY	365338A03431	N/A	N/A	N/A	N/A	PZL-2020-PL16-06724
VENT HOSE	508083	N/A	N/A	N/A	N/A	000011841460
PIPE ASSY	362870A02533	N/A	N/A	N/A	N/A	AG4-2021-1713-12377
BONDING AND EARTHING CABLE ASSY	A601A3B13	N/A	N/A	N/A	N/A	AG4-2019-1720-16058
STENCIL	A954AW010EN	N/A	N/A	N/A	N/A	0071203831/27-07-2022
CORD, NYLON	500723523	N/A	N/A	N/A	N/A	1720-2022-21194
BRACKET, ANGLE	MS9592-062	N/A	N/A	N/A	N/A	0070859299/19-09-2018
SPACER, SLEEVE	NAS43003-83N	N/A	N/A	N/A	N/A	1720-2019-12584
ETHO, ADH BONDED	A36CA3E28C	N/A	N/A	N/A	N/A	1720-2011-26393



LEONARDO MALAYSIA SDN. BHD.

PARTS / MATERIAL USED / COMPONENT CHANGE RECORD

WORKSHEET / WORKCARD NUMBER :

SERVICE ORDER NUMBER :

9 0 0 2 5

5 6 6

AIRFRAME HOURS :

AIRCRAFT REGISTRATION :

9M-BGH

AIRCRAFT SERIAL NUMBER :

31763

LANDINGS :

PARTS / MATERIAL USED / COMPONENT CHANGE RECORD (IF APPLICABLE)

DESCRIPTION	PART NO.	REMOVED		INSTALLED		RELEASE DOCUMENT
		SERIAL NO.	TSN/TSO	SERIAL NO.	TSN/TSO	
BONDING AND EARTHING CABLE ASS	A601A3B16	N/A	N/A	N/A	N/A	AG4-2021-1720-11036
STENCIL	AW001DST050EQ	N/A	N/A	N/A	N/A	1720-2022-18650
SCREW	M551957-41	N/A	N/A	N/A	N/A	0071203816/27.07.2022
O-RING	M529513-273	N/A	N/A	N/A	N/A	0071200910/19.07.2022
CLAMP, LOOP	A521919W0G12	N/A	N/A	N/A	N/A	0071204119/30.07.2022
CLAMP, LOOP	AN735D12	N/A	N/A	N/A	N/A	0070676957/02.12.2016
CLAMP, HOSE	NAS1924-58	N/A	N/A	N/A	N/A	0071206883/12.08.2022
GROMMET, NON-METALLIC	M535489-8	N/A	N/A	N/A	N/A	0071194041/16.06.2022
STRAIGHT FITTING	A6517401212	N/A	N/A	N/A	N/A	0071200051/08.07.2022
BOLT, SAFER	NAS6603-1	N/A	N/A	N/A	N/A	0071056797/12.10.2020
STENCIL	A954AD040EN	N/A	N/A	N/A	N/A	0071203827/27.07.2022
WASHER, LOCK	M535333-40	N/A	N/A	N/A	N/A	0071192567/13.06.2022
GROMMET, NON METALLIC	M535489-120	N/A	N/A	N/A	N/A	0071203754/26.07.2022
DOUBLER	412-061-614-103	N/A	N/A	N/A	N/A	AG4-2020-1713-12237
CAP, FUME BOOT	412-061-612-161	N/A	N/A	N/A	N/A	AG4-2022-1720-15530
INSERT, SCREW THREAD	NAS1836-08-13	N/A	N/A	N/A	N/A	0071192519/10.06.2022
WASHER, FLAT	AW00874-11-47	N/A	N/A	N/A	N/A	AG4-2018-1720-20203
WASHER, FLAT	AW00874-11-27	N/A	N/A	N/A	N/A	AG4-2018-1720-20203
INSERT, SCREW-THREAD	NAS1832-3-3	N/A	N/A	N/A	N/A	0071194101/06.06.2022
PLUG BUTTON	AW010FP139	N/A	N/A	N/A	N/A	AG4-2017-1720-14993
ACCESS DOOR	503588	N/A	N/A	N/A	N/A	12261004
BONDING SPACER ASSY	508565-1	N/A	N/A	N/A	N/A	000012885699
BONDING SPACER ASSY	508565-1	N/A	N/A	N/A	N/A	000012800987
PASS WALL SEAL	507664	N/A	N/A	N/A	N/A	000012936598
VELCRO STRIP	507673	N/A	N/A	N/A	N/A	00010642150
PROTECTION PLATE	362870A02351	N/A	N/A	N/A	N/A	AG4-2022-1720-15188
VERTICAL ANGLE ASSY RH	362580A14131	N/A	N/A	N/A	N/A	PZL-2019-PL16-04508

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LEONARDO MALAYSIA SDN. BHD.

**PARTS / MATERIAL USED / COMPONENT CHANGE RECORD**

WORKSHEET / WORKCARD NUMBER :

2023/BGH/003

SERVICE ORDER NUMBER :

9 0 0 2 5

5 6 6

AIRFRAME HOURS :

302:40

AIRCRAFT REGISTRATION :

9M-BGH

AIRCRAFT SERIAL NUMBER :

31763

LANDINGS :

850

**PARTS / MATERIAL USED / COMPONENT CHANGE RECORD (IF APPLICABLE)**

DESCRIPTION	PART NO.	REMOVED		INSTALLED		RELEASE DOCUMENT
		SERIAL NO.	TSN/TSO	SERIAL NO.	TSN/TSO	
COVER	395338A22152	N/A	N/A	N/A	N/A	PZL-2020-PL16-05265
CLAMP, LOOP	AN735D18	N/A	N/A	N/A	N/A	0071183555/06.05.2022
SEALING GASKET	362870A02251	N/A	N/A	N/A	N/A	AG4-2013-1720-28378
SHIM	362870A02651	N/A	N/A	N/A	N/A	AG4-2018-1720-17553
RUBBER COVER	362810L00351	N/A	N/A	N/A	N/A	000012224659
ANGLE ASSY	395338A04932	N/A	N/A	N/A	N/A	PZL-2019-PL16-03411
HORIZONTAL LWR ANGLE ASSY	392520A14032	N/A	N/A	N/A	N/A	AG4-2018-1713-13647
ANGLE ASSY	395338A03631	N/A	N/A	N/A	N/A	PZL-2021-PL16-03433
SCREW, MACHINE	MS27039-1-07	N/A	N/A	N/A	N/A	0008332451/22.03.2022
SCREW, MACHINE	MS27039-1-07	N/A	N/A	N/A	N/A	0008332451/22.03.22