 LEONARDO MALAYSIA SDN.BHD.		<b>WORK CARD</b>			SERVICE ORDER NUMBER: 90025566		WORKCARD NUMBER: 2023/BGH/001-01		
TITLE: SB 139-348 REV.: A – JULY 9, 2021 ATA 34 – KIT TCAS II INSTALLATION (PART II)		CUSTOMER: LEONARDO HELICOPTER ITALY (LHI)			REGISTRATION: 9M-BGH		AIRFRAME HOURS: 302:40		
SERIAL NUMBER: 31763		LANDINGS: 850		#1 ENGINE	SERIAL NUMBER: PCE-KB1931		APU	SERIAL NUMBER: PCE-KB1885	
					HOURS: 302:40			HOURS: 302:40	

NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
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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 AND PLASTIC CABLE TIEDOWN.
- 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 ADHESIVE CURE AT ROOM TEMPERATURE FOR AT LEAST 24 HOURS UNLESS OTHERWISE SPECIFIED.
- G) ALL LENGTHS ARE IN MM.

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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.	SATISFACTORY DISCONNECTED	adl	adl L06 LM	14/2/23
2.	-	IN ACCORDANCE WITH DM 39-A-06-41-00-00A-010A-A, GAIN ACCESS TO THE AREA AFFECTED BY THE INSTALLATION.	SATISFACTORY ACCESS GAINED	adl	adl L06 LM	14/2/23
3.	-	<p><b>NOTE</b></p> <p>PERFORM THE FOLLOWING ONLY IF THE HELICOPTER IS ALREADY EQUIPPED WITH KIT TCAS P/N 3G3450F00311, OTHERWISE SKIP TO STEP 4.</p> <p>REMOVE THE KIT TCAS P/N 3G3450F00311 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>3.1 IN ACCORDANCE WITH AMP DM 39-A-34-44-01-00A-520A-K REMOVE THE TCAS PROCESSOR P/N 066-01177-0101.</p> <p>3.2 IN ACCORDANCE WITH AMP DM 39-B-34-44-04-00A-520A-K REMOVE THE TCAS PROCESSOR MOUNTING RACK.</p> <p>3.3 IN ACCORDANCE WITH AMP DM 39-A-34-44-04-00A-520A-K REMOVE THE TCAS BOTTOM ANTENNA.</p> <p>3.4 IN ACCORDANCE WITH AMP DM 39-A-34-44-03-00B-520A-K REMOVE THE TCAS TOP ANTENNA.</p>	<p>n/a</p> <p>3G3450F00311 NOT FITTED</p> <p>n/a</p> <p>3G3450F00311 NOT FITTED</p> <p>n/a</p> <p>3G3450F00311 NOT FITTED</p> <p>n/a</p> <p>3G3450F00311 NOT FITTED</p>	<p>n/a</p> <p>n/a</p> <p>n/a</p> <p>n/a</p>	<p>adl L06 LM</p> <p>adl L06 LM</p> <p>adl L06 LM</p> <p>adl L06 LM</p>	<p>14/2/23</p> <p>14/2/23</p> <p>14/2/23</p> <p>14/2/23</p>

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		3.5 IN ACCORDANCE WITH AMP DM 39-A-34-44-12-00A-520A-K REMOVE THE TCAS TOP ANTENNA SUPPORT ASSY P/N 3G5315A54731.	n/a 363450F00311 NOT FITTED	n/a	adl 	14/2/23
		3.6 IN ACCORDANCE WITH AMP DM 39-A-34-44-02-00A-520A-K REMOVE THE CONFIGURATION MODULE.	n/a 363450F00311 NOT FITTED	n/a	adl 	14/2/23
		3.7 WITH REFERENCE TO FIGURE 30 VIEW J-J, REMOVE THE TCAS PROCESSOR SUPPORT ASSY P/N 3G5310A05632 AND RELEVANT FIXING HARDWARE.	n/a 363450F00211 NOT FITTED	n/a	adl 	14/2/23
		3.8 WITH REFERENCE TO FIGURE 30 SECTION T-T, REMOVE AND DISCARD THE EXISTING SUPPORT ASSY P/N 3G5315A38631 AND RELEVANT FIXING HARDWARE.	n/a 363450F00311 NOT FITTED	n/a	adl 	14/2/23
		3.9 WITH REFERENCE TO FIGURE 30 SECTION T-T, REMOVE THE EXISTING N° 2 INSERTS AND FILL THE HOLES WITH ADHESIVE EA934NA (C397).	n/a 363450F00311 NOT FITTED	n/a	adl 	14/2/23
		3.10 WITH REFERENCE TO FIGURE 30 SECTION U-U, REMOVE AND DISCARD THE EXISTING SUPPORT P/N A426A01V110A AND RELEVANT FIXING HARDWARE.	n/a 363450F00211 NOT FITTED	n/a	adl 	14/2/23
		3.11 WITH REFERENCE TO FIGURE 30 SECTION U-U, REMOVE THE EXISTING N° 2 INSERTS AND FILL THE HOLES BY MEANS OF ADHESIVE EA934NA (C397).	n/a 363450F00311 NOT FITTED	n/a	adl 	14/2/23

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		3.12 WITH REFERENCE TO FIGURE 31 REWORK THE FORWARD FLOOR P/N 3P5340A03631 AS DESCRIBED IN THE FOLLOWING PROCEDURE:  3.12.1 WITH REFERENCE TO FIGURE 31 VIEW AB, CLOSE THE INDICATED HOLE BY MEANS OF ADHESIVE EA934NA (C397).	n/a 363450F00311 NOT FITTED	n/a	 adl	14/2/23
		3.12.2 WITH REFERENCE TO FIGURE 31 VIEW AB, REMOVE THE INDICATED N°5 INSERTS AND FILL THE HOLES BY MEANS OF ADHESIVE EA934NA (C397).	n/a 363450F00311 NOT FITTED	n/a	 adl	14/2/23
		3.12.3 WITH REFERENCE TO FIGURE 31 VIEW AB AND SECTION AC-AC, REMOVE THE INDICATED N°2 INSERTS AND PERFORM THE INDICATED CUT-OUT ON PANEL ALONG THE INDICATED REFERENCE CUT-LINE.	n/a 363450F00311 NOT FITTED	n/a	 adl	14/2/23
		<b>NOTE</b> THE HONEYCOMB CORE P/N 3G5306P46151 CAN BE OBTAINED FROM RAW MATERIAL P/N 237281120 AS DESCRIBED IN THE RELEVANT DETAIL (REFER TO STEP 3.12.4).  3.12.4 WITH REFERENCE TO FIGURE 31 SECTION AC-AC, INSTALL THE HONEYCOMB CORE P/N 3G5306P46151 AND N°2 PLIES OF FIBERGLASS HEXCEL FABRICS BY MEANS OF ADHESIVE EA934NA (C397).	n/a 363450F00311 NOT FITTED	n/a	 adl	14/2/23

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		3.12.5 WITH REFERENCE TO FIGURE 31 VIEW AE AND SECTION AF-AF, REMOVE THE INDICATED N°2 INSERTS AND PERFORM THE INDICATED CUT-OUT ON THE PANEL.	n/a 363450F00211 NUT FITTED	n/a	L06 LM adl	14/2/23
		<b>NOTE</b> THE HONEYCOMB CORE P/N 3G5306P46152 CAN BE OBTAINED FROM RAW MATERIAL P/N 237281120 AS DESCRIBED IN THE RELEVANT DETAIL (REFER TO STEP 3.12.6).	n/a 363450F00211 NUT FITTED	n/a	L06 LM adl	14/2/23
		3.12.6 WITH REFERENCE TO FIGURE 31 SECTION AF-AF, INSTALL THE HONEYCOMB CORE P/N 3G5306P46152 AND N°3 PLYS OF FIBERGLASS HEXCEL FABRICS BY MEANS OF ADHESIVE EA934NA (C397).				
		3.12.7 WITH REFERENCE TO FIGURE 31 SECTION AF-AF, CLOSE THE INDICATED HOLE BY MEANS OF ADHESIVE EA934NA (C397).	n/a 363450F00311 NUT FITTED	n/a	L06 LM adl	14/2/23
		3.12.8 WITH REFERENCE TO FIGURE 31 VIEW AE, RE-MARK THE PANEL INTO P/N 3G5306P46132.	n/a 363450F00311 NUT FITTED	n/a	L06 LM adl	14/2/23
		3.13 WITH REFERENCE TO FIGURE 31, REWORK THE FORWARD FLOOR PANEL ASSY P/N 3P5340A44231 AS DESCRIBED IN THE FOLLOWING PROCEDURE:  3.13.1 WITH REFERENCE TO FIGURE 31 VIEW AB AND SECTION AD-AD, REMOVE THE INDICATED N°4 INSERTS AND CLOSE THE HOLES BY MEANS OF ADHESIVE EA934NA (C397).	n/a 363450F00311 NUT FITTED	n/a	L06 LM adl	14/2/23

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		3.13.2 WITH REFERENCE TO FIGURE 31 VIEW AB AND SECTION AD-AD, INSTALL N°2 PLIES OF FIBERGLASS ON BOTH SIDES OF EACH INSERT HOLE PREVIOUSLY CLOSED BY MEANS OF ADHESIVE EA934NA (C397).	N/A 363450F00311 NUT FITTED	N/A	adl 	14/12/23
		3.13.3 WITH REFERENCE TO FIGURE 31 VIEW AB, RE-MARK THE PANEL INTO P/N 3G5306P46131.	N/A 363450F00311 NUT FITTED	N/A	adl 	14/12/23
		3.14 WITH REFERENCE TO FIGURE 32 VIEW M-M AND SECTION V-V, REMOVE THE AFT BRACKET ASSY P/N 3G5315A38731 AND RELEVANT HARDWARE FROM ITS INSTALLATION POSITION.	N/A 363450F00311 NUT FITTED	N/A	adl 	14/12/23
		3.15 WITH REFERENCE TO FIGURE 32 SECTION V-V, REMOVE THE INDICATED N°3 NUTPLATES FROM LOWER FRAME AND CLOSE THE HOLES BY MEANS OF RIVETS P/N MS20426AD3.	N/A 363450F00311 NUT FITTED	N/A	adl 	14/12/23
		3.16 WITH REFERENCE TO FIGURE 32 VIEW K-K, REMOVE THE INDICATED N°2 INSERTS AND CLOSE THE HOLES BY MEANS OF ADHESIVE EA934NA (C397).	N/A 363450F00311 NUT FITTED	N/A	adl 	14/12/23
		<p style="text-align: center;"><b>NOTE</b></p> <p>AS ALTERNATIVE TO THE NEXT STEPS 3.17 TO 3.19 , IT IS ALLOWED TO INSTALL A COVER P/N 3G5315A19851 BY MEANS OF N°4 SCREWS P/N MS27039-0805 AND N°4 WASHERS P/N NAS1149DN832J SEALING THE EDGE WITH SEALANT PROSEAL 890, AS SHOWN ON VIEW H-H OF FIGURE 32.</p>				

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		<p align="center"><b>NOTE</b></p> <p>COVER P/N 3G5315A19851 CAN BE OBTAINED FROM RAW MATERIAL P/N 900004502 USING THE REMOVED TCAS ANTENNA AS TEMPLATE.</p> <p>3.17 WITH REFERENCE TO FIGURE 32 VIEW H2-H2, REMOVE THE INDICATED N°4 INSERTS AND CLOSE THE HOLES BY MEANS OF ADHESIVE EA934NA (C397).</p>	<p align="center">N/A</p> <p align="center">363450F00311</p> <p align="center">NOT FITTED</p>	<p align="center">N/A</p>	<p align="center"><i>adl</i></p> <p align="center"></p>	<p align="center">14/12/23</p>
		<p align="center"><b>NOTE</b></p> <p>THE PLATE P/N 3G5306P46153 CAN BE OBTAINED FROM RAW MATERIAL P/N 900004500 (REFER TO STEP 3.18).</p> <p align="center"><b>NOTE</b></p> <p>THE HONEYCOMB CORE P/N 3G5306P46154 CAN BE OBTAINED FROM RAW MATERIAL P/N 237281120 (REFER TO STEP 3.18).</p> <p align="center"><b>NOTE</b></p> <p>THE PLATE P/N 3G5306P46155 CAN BE OBTAINED FROM RAW MATERIAL P/N 900004502 (REFER TO STEP 3.18).</p> <p>3.18 WITH REFERENCE TO FIGURE 32 VIEW H1-H1 AND SECTION W-W, OVERSIZE THE EXISTING N°4 HOLES TO Ø19.05 AND INSTALL N°4 PLATES P/N 3G5306P46153, THE HONEYCOMB CORE P/N 3G5306P46154 AND THE PLATE P/N 3G5306P46155 BY MEANS OF ADHESIVE EA934NA (C397) AND N°4 RIVETS P/N NAS1399C3-3.</p>	<p align="center">N/A</p> <p align="center">363450F00311</p> <p align="center">NOT FITTED</p>	<p align="center">N/A</p>	<p align="center"></p> <p align="center"><i>adl</i></p>	<p align="center">14/12/23</p>

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		3.19 WITH REFERENCE TO FIGURE 32 SECTION W-W, APPLY N°2 PLYS OF FIBERGLASS ON INTERNAL SKIN AND A PLY OF FIBERGLASS ON EXTERNAL SKIN OF REAR LOWER PANEL P/N 3P5331A02231 BY MEANS OF ADHESIVE EA934NA (C397).	N/A 363450F00311 NOT FITTED	N/A	 <i>oad</i>	14/2/23
		3.20 IN ACCORDANCE WITH AMP DM 39-A-34-44-00-00A-051L-K AND WITH REFERENCE TO FIGURES 33 THRU 37, DISCONNECT, REMOVE OR STOW ALL INDICATED WIRES.	N/A 363450F00311 NOT FITTED	N/A	 <i>oad</i>	<del>14/2/23</del> 14/2/23
4.	-	<p align="center"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEPS 4 THRU 7 ONLY IF THE HELICOPTER IS NOT EQUIPPED WITH NOSE RADOME ASSY (TUCANO) P/N 3G5240A10831 OR EQUIVALENT PRODUCTION P/N.</p> <p>WITH REFERENCE TO FIGURE 2 GAIN ACCESS TO THE NOSE AVIONIC BAY AND PERFORM THE STRUCTURAL PROVISION FOR TCAS II P/N 3G5310A89811 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>4.1 WITH REFERENCE TO FIGURE 2 NOSE VIEW, REMOVE THE CONNECTOR LH P/N 3G5315A25932. KEEP ATTACHING HARDWARE FOR LATER REUSE.</p> <p>4.2 WITH REFERENCE TO FIGURE 2 DETAIL C, REMOVE THE INDICATED N°11 RIVETS AND TEMPORARILY INSTALL THE ANGLE ASSY SUPPORT P/N 3G5316A98132. 4.3 WITH REFERENCE TO FIGURE 2 DETAIL B, PERFORM THE INDICATED CUT-OUT ON THE CENTRAL PANEL ASSY P/N 3G5331A45031 COORDINATING WITH THE PREVIOUSLY INSTALLED ANGLE SUPPORT ASSY P/N 3G5316A98132.</p>	SATISFACTORY REMOVED	<i>M</i>	<i>M</i> 	14/2/23
		4.2 WITH REFERENCE TO FIGURE 2 DETAIL C, REMOVE THE INDICATED N°11 RIVETS AND TEMPORARILY INSTALL THE ANGLE ASSY SUPPORT P/N 3G5316A98132. 4.3 WITH REFERENCE TO FIGURE 2 DETAIL B, PERFORM THE INDICATED CUT-OUT ON THE CENTRAL PANEL ASSY P/N 3G5331A45031 COORDINATING WITH THE PREVIOUSLY INSTALLED ANGLE SUPPORT ASSY P/N 3G5316A98132.	SATISFACTORY REMOVED. CUT-OUT NOT PERFORMED DUE TO EXISTANCE	<i>J</i>	<i>M</i> 	20/2/23

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		4.4 WITH REFERENCE TO FIGURE 2 DETAIL C CLEARED, PREPARE THE SURFACE ON CENTRAL PANEL P/N 3P5331A54152 IN CONTACT WITH P/N 3G5331A98132 TO OBTAIN THE CORRECT GROUNDING.	SATISFACTORY PREPARED			20/2/23
		4.5 WITH REFERENCE TO FIGURE 2 DETAIL C, INSTALL THE ANGLE SUPPORT ASSY P/N 3G5316A98132 BY MEANS OF N°11 RIVETS P/N MS20470AD4 USING EXISTING RIVET POSITIONS.	SATISFACTORY INSTALLED			20/2/23
		4.6 WITH REFERENCE TO FIGURE 2 DETAIL B, DRILL HOLE $\varnothing 4.27 \div 4.39$ THROUGH CENTRAL PANEL ASSY AND THE ANGLE SUPPORT ASSY P/N 3G5316A98132 IN THE INDICATED POSITION AND INSTALL NUT MS21062L08 AND N°2 RIVETS MS20426AD3-6.	SATISFACTORY DRILLED AND INSTALLED			20/2/23
		4.7 WITH REFERENCE TO FIGURE 2 NOSE VIEW, INSTALL THE CONNECTOR SUPPORT ASSY LH P/N 3G5316A98531 BY MEANS OF EXISTING HARDWARE.	SATISFACTORY INSTALLED			6/3/23
5.	-	WITH REFERENCE TO FIGURE 3 PERFORM THE TCAS II RADOME SUPPORT INSTALLATION P/N 3G3450A05211 AS DESCRIBED IN THE FOLLOWING PROCEDURE:				
		5.1 WITH REFERENCE TO FIGURE 3 VIEW A AND SECTION C-C, COUNTERSINK THE EXISTING HOLE OF THE PROFILE P/N 3G5331A33851.	SATISFACTORY COUNTERSINK.			8/3/23
		5.2 WITH REFERENCE TO FIGURE 3 VIEW A AND SECTION C-C, INSTALL THE BOLT P/N A875A3C02 ON THE EXISTING HOLE OF THE PROFILE 3G5331A33851.	SATISFACTORY INSTALLED.			8/3/23

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		<p align="center"><b>NOTE</b></p> <p>IF MISALIGNMENT BETWEEN HOLE ON ANGLE SUPPORT ASSY P/N 3G5316A98132 AND TCAS II ANTENNA SUPPORT IS FOUND, CLOSE THE HOLE ON THE TCAS II SUPPORT P/N 3G5316A96631 BY MEANS OF DOUBLE COUNTERSUNK RIVET P/N MS20426AD3 AND DRILL NEW HOLE Ø 5.0 THRU TCAS II SUPPORT ASSY, COORDINATING WITH THE EXISTING HOLE ON THE ANGLE SUPPORT ASSY.</p> <p>5.3 WITH REFERENCE TO FIGURE 3 VIEW A, INSTALL THE TCAS SUPPORT ASSY P/N 3G5316A96631 BY MEANS OF N°10 SCREWS P/N MS27039-1-08, N° 10 WASHER P/N NAS1149D0332K, SCREW P/N MS27039-0808 AND WASHER P/N NAS1149CN832R.</p>	N/A DUE TO NOT REQUIRED	N/A		1/3/23
		<p align="center"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEP 5.4 ONLY IF PART III OF THIS SERVICE BULLETIN IS NOT INTENDED TO BE EMBODIED IMMEDIATELY AFTER PART II; OTHERWISE SKIP TO STEP 6.</p> <p>5.4 WITH REFERENCE TO FIGURE 3 VIEW A, INSTALL THE PLATE SUPPORT ASSY P/N 3G5316A98831 BY MEANS OF N°8 SCREWS P/N MS27039-1-08 AND N°8 WASHER P/N NAS1149D0332K.</p>	N/A. PART III WILL BE EMBODIED IMMEDIATELY.	N/A		1/3/23
6.	-	<p align="center"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEP 6 ONLY TO EMBODY THE RETROMOD P/N 3G5206P08731 ON THE EXISTING RADOME.</p> <p align="center"><b>NOTE</b></p> <p>THE FOLLOWING STEP 6 DESCRIBES THE NECESSARY INSTRUCTIONS TO EMBODY THE RETROMOD P/N</p>	-	-	-	-

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		<p>3G5206P08731 ON THE RADOME INSTALLED ON THE HELICOPTER. AS ALTERNATIVE TO STEP 6, SKIP TO STEP 7 TO PERFORM THE COMPLETE REPLACEMENT OF THE RADOME.</p> <p>PERFORM THE NOSE RADOME TCAS II INSTALLATION RETROMOD P/N 3G5306P46511 THROUGH THE RETROMOD NOSE RADOME TCAS II ASSY P/N 3G5206P08731 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>6.1 WITH REFERENCE TO FIGURE 41 SECTION A-A, CAREFULLY REMOVE THE FILLER IN THE GAP BETWEEN THE NOSE RADOME SKIN AND THE SHAPED COVER P/N 3G5240A12551 BY MEANS OF FINE GRIT SANDPAPER. TAKE CARE TO NOT REMOVE METALLIC OR COMPOSITE SURFACE.</p>	SATISFACTORY COVER REMOVED	J	M 	20/2/23
		6.2 WITH REFERENCE TO FIGURE 41 SECTION A-A, CAREFULLY DE-BOND AND REMOVE THE SHAPED COVER P/N 3G5240A12551.	SATISFACTORY COVER REMOVED	J	M 	20/2/23
		6.3 WITH REFERENCE TO FIGURE 41 CLEAN THE AREA AFFECTED BY BONDING OPERATIONS FROM ANY TRACE OF ADHESIVE BY MEANS OF FINE GRIT SANDPAPER AND GAUZE MOISTENED WITH M.E.K. OR EQUIVALENT SOLVENT.	SATISFACTORY CLEANED	J	M 	20/2/23
		6.4 WITH REFERENCE TO FIGURE 41, INSTALL THE SHAPED COVER P/N 3G5240A17551 BY MEANS OF ADHESIVE EA9309.3NA.	SATISFACTORY INSTALLED.		M 	10/3/23

<input checked="" 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.
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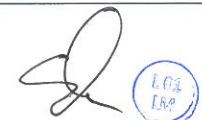


NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		<p align="center"><b>NOTE</b></p> <p>LET ADHESIVE CURE AT ROOM TEMPERATURE FOR AT LEAST 5-7 DAYS OR FOR 1 HOUR AT 65°C.</p>	SATISFACTORILY FILLED.			10/3/23
		6.5 WITH REFERENCE TO FIGURE 41, FILL THE GAP BETWEEN COVER AND RADOME SKIN WITH FILLER EA960.NA.				
		6.6 WITH REFERENCE TO FIGURE 41, MARK THE REWORKED NOSE RADOME AS P/N 3G5206P08731.	SATISFACTORILY MARKED.			10/3/23
		6.7 SKIP TO STEP 9.	SATISFACTORILY NOTED.			10/3/22
7.	-	IN ACCORDANCE WITH AMP AND WITH REFERENCE TO FIGURE 1 REMOVE THE INSTALLED NOSE RADOME ASSY AND INSTALL THE NOSE RADOME ASSY P/N 3G5240A09935 OR P/N 3G5206P08731.	N/A. STEP 6 PERFORMED.	N/A		10/3/22
8.	-	<p align="center"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEP 8 ONLY IF THE HELICOPTER IS EQUIPPED WITH NOSE RADOME ASSY (TUCANO) P/N 3G5240A10831 OR EQUIVALENT PRODUCTION P/N.</p> <p>WITH REFERENCE TO FIGURE 45, GAIN ACCESS TO THE NOSE AVIONIC BAY AND PERFORM THE TCAS SUPPORT INSTALLATION RADOME P/N 3G3450A05611 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>8.1 WITH REFERENCE TO FIGURE 45, REMOVE TCAS COVER ASSY P/N 3G5315A49931.</p>	N/A. NOT FILTED WITH THIS P/N OR EQUIVALENT.	N/A		14/2/23

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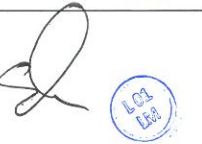




NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		8.2 WITH REFERENCE TO FIGURE 45 LEFT SIDE VIEW AND DETAIL B, REMOVE THE EXISTING CONNECTOR SUPPORT ASSY LH P/N 3G5316A98531 FROM TUCANO STRUCTURE RETROMOD P/N 3G5306P13412. RETAIN THE EXISTING HARDWARE FOR LATER REUSE.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.3 WITH REFERENCE TO FIGURE 45 DETAIL B, REMOVE N°7 EXISTING RIVETS.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.4 WITH REFERENCE TO FIGURE 46 VIEW ON ARROW C, PERFORM THE INDICATED CUT OUT ON THE STRUCTURE P/N 3P5331A54133 IN ACCORDANCE WITH THE DIMENSIONS SHOWN.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.5 WITH REFERENCE TO FIGURE 45 LEFT SIDE VIEW AND DETAIL B, INSTALL THE ANGLE SUPPORT TCAS II RADOME ASSY P/N 3G5317A81032 BY MEANS OF N°7 RIVETS P/N MS20470AD4 IN ACCORDANCE WITH THE EXISTING HOLES.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.6 WITH REFERENCE TO FIGURE 45 LEFT SIDE VIEW AND FIGURE 46 SECTION D-D, REMOVE AND RETAIN THE SCREW P/N MS27039-1-08 AND THE WASHER P/N NAS1149D0332K FROM THE PROFILE P/N 3G5331A39051.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.7 WITH REFERENCE TO FIGURE 45 LEFT SIDE VIEW AND FIGURE 46 SECTION D-D, COUNTERSINK THE EXISTING HOLE OF THE PROFILE P/N 3G5331A39051.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.8 WITH REFERENCE TO FIGURE 45 LEFT SIDE VIEW AND FIGURE 46 SECTION D-D, FIX THE BOLT P/N A875A3C02 ON THE EXISTING HOLE OF THE PROFILE P/N 3G5331A39051.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23

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		8.9 WITH REFERENCE TO FIGURE 45 LEFT SIDE VIEW, INSTALL THE CONNECTOR SUPPORT REWORKED P/N 3G5317A81151 ON TUCANO BY MEANS OF EXISTING HARDWARE PREVIOUSLY REMOVED.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.10 WITH REFERENCE TO FIGURE 45, INSTALL THE TCAS COVER ASSY FOR TCAS II P/N 3G5317A81232.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		<b>NOTE</b> PERFORM THE FOLLOWING STEP 8.11 ONLY IF PART III OF THIS SERVICE BULLETIN IS NOT INTENDED TO BE EMBODIED IMMEDIATELY AFTER PART II; OTHERWISE SKIP TO STEP 9.	N/A. REFER ABOVE REMARK.	N/A.		14/2/23
		8.11 WITH REFERENCE TO FIGURE 46 VIEW ON ARROW A, INSTALL THE PLATE SUPPORT ASSY TCAS II P/N 3G5316A98831 BY MEANS OF N°7 SCREWS P/N MS27039-1-08, N°7 WASHERS P/N NAS1149D0332K AND EXISTING SCREW P/N MS27039-1-08 AND EXISTING WASHER P/N NAS1149D0332K				
9.	-	WITH REFERENCE TO FIGURES 7 THRU 10, PERFORM THE TCAS II STRUCTURAL PROVISION P/N 3G5310A89911 AS DESCRIBED IN THE FOLLOWING PROCEDURE:  9.1 WITH REFERENCE TO FIGURE 7 SECTION AB-AB, REMOVE THE RH LOWER ANGLE ASSY P/N 3G5315A76231 AND INSTALL THE RH LOWER ANGLE ASSY P/N 3G5316A99631 BY MEANS OF EXISTING HARDWARE.	SATISFACTORY REMOVED AND INSTALLED.			14/2/23

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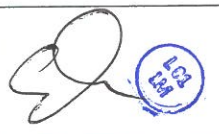






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		9.2 WITH REFERENCE TO FIGURE 7 DETAIL OF SECTION AB-AB, REMOVE THE INDICATED INSERT AND CLOSE THE HOLE WITH ADHESIVE EA934NA (C397).	SATISFACTORY REMOVED AND CLOSED.			14/2/23
		9.3 WITH REFERENCE TO FIGURE 7 SECTION AC-AC, DRILL N°8 HOLES Ø 8.20 THROUGH FORWARD LOWER PANEL P/N 3P5340A44231 IN THE INDICATED POSITIONS AND INSTALL N°8 PLUGS P/N A254AP10C1 AND N°8 SLEEVES P/N A254AS10D08 BY MEANS OF ADHESIVE EA934NA (C397).	SATISFACTORY DRILLED.			14/2/23
		9.4 WITH REFERENCE TO FIGURE 7 SECTION AD-AD, DRILL N°3 HOLES Ø 17.42 ÷ 17.55 THROUGH INTERNAL SKIN AND CORE OF FORWARD LOWER PANEL P/N 3P5340A44231 IN THE INDICATED POSITIONS AND INSTALL N°3 INSERTS P/N NAS1835-3M BY MEANS OF ADHESIVE EA934NA (C397).	SATISFACTORY DRILLED.			14/2/23
		<p style="text-align: center;"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEP 9.5 ONLY IF THERE IS INTERFERENCE BETWEEN THE TCAS II PROCESSOR SUPPORT ASSY P/N 3G5316A99231 AND THE NOISE ATTENUATOR ASSY P/N 9807B020000 OF THE KIT HEATING P/N 3G2140F00112.</p> <p>9.5 RE-ROUTE THE NOISE ATTENUATOR ASSY P/N 9807B020000 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>9.5.1 WITH REFERENCE TO FIGURE 44 VIEW B AND DETAIL C (WAS), REMOVE THE CLAMP P/N AS21919WDG58 FROM THE BRACKET P/N 20204-117; DISCARD THE BOLT P/N NAS6803A5.</p>	SATISFACTORY REMOVED.			12/3/23

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		9.5.2 WITH REFERENCE TO FIGURE 44 DETAIL C, RE-INSTALL THE BRACKET P/N 20204-117 180° ROTATED BY MEANS OF THE EXISTING HARDWARE.	SATISFACTORILY ROTATED.			12/3/23
		9.5.3 WITH REFERENCE TO FIGURE 44 VIEW B AND DETAIL C (BECOMES), RE-INSTALL THE CLAMP P/N AS21919WDG58 AND RELEVANT NOISE ATTENUATOR ASSY P/N 9807B020000 TO THE BRACKET P/N 20204-117 BY MEANS OF N°2 EXISTING WASHERS, BOLT P/N AN3-24A AND SPACER P/N NAS43DD3-128N OR AS ALTERNATIVE BOLT P/N AN3-36A AND SPACER P/N NAS43DD3-200N.	SATISFACTORILY INSTALLED.			12/3/23
		9.5.4 WITH REFERENCE TO FIGURE 44 DETAIL D, INSTALL ANTIFRETTING TAPE P/N 501666569 ON THE EDGE OF TCAS II PROCESSOR SUPPORT ASSY P/N 3G5316A99231 TO PREVENT CHAFFING WITH THE NOISE ATTENUATOR ASSY P/N 9807B020000.	SATISFACTORILY INSTALLED.			14/2/23
		9.6 WITH REFERENCE TO FIGURE 7 SECTION AA-AA, INSTALL THE TCAS II PROCESSOR SUPPORT ASSY P/N 3G5316A99231 BY MEANS OF N°8 SCREWS P/N MS24694-S57.	SATISFACTORILY INSTALLED.			12/3/23
		9.7 WITH REFERENCE TO FIGURE 7 SECTION A-A, INSTALL ON THE EDGE OF THE TCAS II SUPPORT ASSY P/N 3G5316A99231 THE TEFLON TAPE (C405).	SATISFACTORILY INSTALLED.			14/2/23
		9.8 WITH REFERENCE TO FIGURE 8 SECTION AF-AF, INSTALL N°2 NUTPLATES P/N MS21069L06 IN THE INDICATED POSITION BY MEANS OF N°4 RIVETS P/N MS20426AD3.	SATISFACTORILY INSTALLED.			14/2/23

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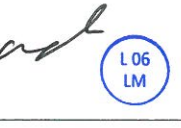



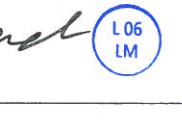

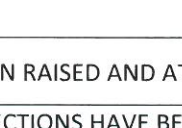


NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		9.9 WITH REFERENCE TO FIGURE 8 DETAIL AG, IF INSTALLED, REMOVE EXISTING ELECTRICAL SUPPORTS AND INSTALL THE ANGLE P/N 3G5316A99751 BY MEANS OF N° 3 RIVETS P/N NAS9301B-4-02.	N/A. ANGLE P/N 3G5316A99751 FITTED FROM FACTORY	N/A		14/2/23
		9.10 WITH REFERENCE TO FIGURE 8 SECTION AQ-AQ, INSTALL AN ANCHOR NUT P/N A423A3C8 IN THE INDICATED POSITION BY MEANS OF N°2 RIVETS P/N MS20470AD4.	SATISFACTORY INSTALLED.			14/2/23
		9.11 WITH REFERENCE TO FIGURE 9 VIEW AJ, INSTALL N°2 NUTPLATES P/N MS21069-3K BY MEANS OF N°4 RIVETS P/N MS20426AD3. COORDINATE WITH THE CABLE SUPPORT ASSY P/N 3G5316A99431.	SATISFACTORY INSTALLED			14/2/23
		9.12 WITH REFERENCE TO FIGURE 57 VIEW J-J, REMOVE THE INDICATED ELECTRICAL SUPPORTS, CLAMPS, GROMMETS AND RELEVANT FIXING HARDWARE.	SATISFACTORY REMOVED.			14/2/23
		9.13 WITH REFERENCE TO FIGURE 9 SECTION AL-AL, INSTALL A NUTPLATE P/N MS21069-3K BY MEANS OF N°2 RIVETS P/N MS20426AD3. COORDINATE WITH THE CABLE SUPPORT ASSY P/N 3G5316A99431.	SATISFACTORY INSTALLED.			14/2/23
		9.14 WITH REFERENCE TO FIGURE 9 VIEW AK AND SECTION AH-AH, INSTALL THE CABLE SUPPORT ASSY P/N 3G5316A99431 BY MEANS OF N°3 SCREWS P/N MS27039-1-07 AND N°3 WASHERS P/N NAS1149D0316K.	SATISFACTORY INSTALLED.			14/2/23
		9.15 WITH REFERENCE TO FIGURE 10 VIEW AN, REMOVE THE INDICATED RIVET AND INSTALL AN ANCHOR NUT P/N A423A3C8 IN THE INDICATED POSITION BY MEANS OF N°2 RIVETS P/N MS20470AD4.	SATISFACTORY INSTALLED			14/2/23

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		9.16 WITH REFERENCE TO FIGURE 10 SECTION AR-AR, INSTALL AN ANCHOR NUT P/N A423A3C6 IN THE INDICATED POSITION BY MEANS OF N°2 RIVETS P/N MS20470AD4.	SATISFACTORY INSTALLED.			14/2/23
		9.17 WITH REFERENCE TO FIGURE 10 SECTION AT-AT, INSTALL AN ANCHOR NUT P/N A423A3C8 IN THE INDICATED POSITION BY MEANS OF N°2 RIVETS P/N MS20470AD4.	SATISFACTORY INSTALLED.			14/2/23
10.	-	PERFORM THE TCAS II ELECTRICAL PROVISION P/N 3G3450A04913 AS DESCRIBED IN THE FOLLOWING PROCEDURE:	SATISFACTORY INSTALLED			22/2/23
		10.1 WITH REFERENCE TO FIGURE 51 AND FIGURE 52, INSTALL N°2 ELECTRICAL SUPPORTS P/N AW001CL008-CM AND THE STANDOFF P/N A388A3E12C75 IN THE INDICATED POSITIONS BY MEANS OF ADHESIVE EA9309.3NA (C021) (LOCATIONS 1, 2, 3).	SATISFACTORY INSTALLED			22/2/23
		10.2 WITH REFERENCE TO FIGURE 52 VIEW B-B, INSTALL A CLAMP P/N MS25281-R17, A GROMMET P/N AW002FT114 AND A SPACER P/N NAS43DD3-40N IN THE INDICATED POSITION BY MEANS OF SCREW P/N NAS1190E3P18AK AND A WASHER P/N NAS1149D0332J (SEE DETAIL A IN FIGURE 48).	SATISFACTORY INSTALLED			22/2/23
		10.3 WITH REFERENCE TO FIGURE 52 VIEW B-B, INSTALL A CLAMP P/N MS25281-R17 AND A GROMMET P/N AW002FT114 IN THE INDICATED POSITION BY MEANS OF SCREW P/N NAS1802-3-9 (SEE DETAIL B IN FIGURE 48).	SATISFACTORY INSTALLED			22/2/23
		10.4 WITH REFERENCE TO FIGURE 54 VIEW D-D, INSTALL ELECTRICAL SUPPORT P/N AW001CL509-N6 AND A GROMMET P/N AW002FT114 IN THE INDICATED POSITION.	SATISFACTORY INSTALLED			22/2/23

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		10.5 WITH REFERENCE TO FIGURE 53, INSTALL CLAMP P/N MS25281-R17 AND GROMMET P/N AW002FT114 IN THE INDICATED POSITION BY MEANS OF SCREW P/N NAS1802-3-9 (SEE DETAIL B IN FIGURE 48).	SATISFACTORY INSTALLED	adl	adl 	22/12/23
		10.6 WITH REFERENCE TO FIGURE 56 VIEW F-F, VIEW G-G AND VIEW H-H, INSTALL N°4 ELECTRICAL SUPPORTS P/N AW001CL009-CM, A SUPPORT P/N A366A3E22C AND A SUPPORT P/N AW001CL001-N6 IN THE INDICATED POSITIONS BY MEANS OF ADHESIVE EA9309.3NA (C021) (LOCATIONS 1,2,3,4,5,6).	SATISFACTORY INSTALLED	adl	adl 	22/12/23
		10.7 WITH REFERENCE TO FIGURE 56 VIEW G-G, REMOVE EXISTING SCREW AND INSTALL A CLAMP P/N MS25281-R17 AND A GROMMET P/N AW002FT114 BY MEANS OF SCREW P/N NAS1802-3-12.	SATIS, EXISTED SCREW REMOVED, NEW GROMMET AND SCREW INSTALLED	adl	adl 	22/12/23
		10.8 WITH REFERENCE TO FIGURE 55 VIEW LOOKING FLOOR FROM STA 5700 TO STA 3120 RH SIDE, INSTALL A CLAMP P/N MS25281-R17 AND GROMMET P/N AW002FT114 IN THE INDICATED POSITION BY MEANS OF SCREW P/N NAS1802-3-9 (SEE DETAIL B IN FIGURE 48).	SATIS, INSTALLED	adl	 adl	22/12/23
		10.9 WITH REFERENCE TO FIGURE 55 VIEW LOOKING FLOOR FROM STA 5700 TO STA 3120 RH SIDE, REMOVE THE EXISTING SCREWS AND INSTALL N°5 CLAMPS P/N MS25281-R17, N°5 GROMMETS P/N AW002FT114 AND N°5 SPACERS P/N NAS43DD3-90 IN THE INDICATED POSITIONS BY MEANS OF N°5 SCREWS P/N NAS1190E3P30AK (SEE DETAIL C IN FIGURE 48).	SATIS, EXISTED SCREW REMOVED, NEW CLAMPS, GROMMET AND SPACER INSTALLED	adl	 adl	22/12/23
		10.10 WITH REFERENCE TO FIGURE 55 VIEW LOOKING FLOOR FROM STA 5700 TO STA 3120 RH SIDE, INSTALL A GROMMET P/N AW002FT112 IN THE INDICATED POSITION.	SATIS INSTALLED	adl	 adl	22/12/23

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		10.11 WITH REFERENCE TO FIGURE 56 VIEW F-F, REMOVE EXISTING CLICK BOND, SCREW, CLAMP AND WASHER. RETAIN CLAMP AND WASHER FOR LATER REUSE.	SATIS, REMOVED AND RETAINED	<i>act</i>	<i>act</i> (L06 LM)	22/2/23
		10.12 WITH REFERENCE TO FIGURE 56 VIEW F-F, RELOCATE CLAMP AND WASHER PREVIOUSLY REMOVED AND INSTALL SCREW P/N NAS1802-3-15 AND SPACER NAS43DD3-18N ON C/A B1B598 TCAS II.	SATIS, INSTALLED THE OLD HARDWARE & AND NEW SCREWS, SPACER	<i>act</i>	<i>act</i> (L06 LM)	22/2/23
		10.13 WITH REFERENCE TO FIGURE 56 VIEW G-G, INSTALL A CLAMP P/N MS25281-R17, A GROMMET P/N AW002FT114 AND A SPACER P/N NAS43DD3-40N IN THE INDICATED POSITION BY MEANS OF NUT P/N MS21043-3 (SEE DETAIL D IN FIGURE 48).	SATIS, INSTALLED	<i>act</i>	<i>act</i> (L06 LM)	22/2/23
		10.14 WITH REFERENCE TO FIGURE 56 VIEW G-G, INSTALL A CLAMP P/N MS25281-R17, A GROMMET P/N AW002FT114, A SPACER P/N NAS43DD3-18N IN THE INDICATED POSITION BY MEANS OF SCREW P/N NAS1802-3-16 (SEE DETAIL E IN FIGURE 48).	SATIS, INSTALLED	<i>act</i>	<i>act</i> (L06 LM)	22/2/23
		10.15 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL N°1 ELECTRICAL SUPPORT P/N A388A3E08C IN THE INDICATED POSITION BY MEANS OF ADHESIVE EA9309.3NA (CO21) (LOCATION 1).	SATIS, INSTALLED	<i>act</i>	<i>act</i> (L06 LM)	22/2/23
		10.16 WITH REFERENCE TO FIGURE 60 VIEW N-N, INSTALL N°1 ELECTRICAL SUPPORT P/N AW001CLO01-N6 IN THE INDICATED POSITION BY MEANS OF ADHESIVE EA9309.3NA (CO21) (LOCATION 2).	SATIS, INSTALLED	<i>act</i>	<i>act</i> (L06 LM)	22/2/23
		10.17 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL N°2 CLAMPS P/N MS25281-R17 AND N°2 GROMMET P/N AW002FT114 BY MEANS OF EXISTING NUT (SEE DETAIL H IN FIGURE 48).	SATIS, INSTALLED	<i>act</i>	<i>act</i> (L06 LM)	22/2/23
















<input checked="" 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.
* 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.	



NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		10.18 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL N°2 CLAMPS P/N MS25281-R11 AND N°2 GROMMETS P/N AW002FT505 IN THE INDICATED POSITIONS BY MEANS OF N°2 SCREWS P/N NAS1802-3-12, N°4 WASHERS P/N NAS1149D0332J, N°2 NUTS P/N MS21043-3 AND N°2 BRACKETS P/N MS9592-027 (SEE DETAIL H IN FIGURE 48).	SATS, INSTALLED	adl	adl 	22/2/23
		10.19 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, REMOVE EXISTING SCREW AND WASHER AND INSTALL CLAMP P/N MS25281-R17, GROMMET P/N AW002FT114 AND SCREW NAS1190E3P20AK (SEE DETAIL G IN FIGURE 48).	SATS INSTALLED	adl	 adl	22/2/23
		10.20 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL CLAMP P/N MS25281-R17, GROMMET P/N AW002FT114 AND SCREW NAS1190E3P7AK (SEE DETAIL F IN FIGURE 48):	SATS INSTALLED	adl	adl 	22/2/23
		10.21 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200, INSTALL N°2 CLAMPS P/N AW001CB02H IN THE INDICATED POSITIONS BY MEANS OF EXISTING HARDWARE.	SATS INSTALLED	adl	 adl	22/2/23
		10.22 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL THE TERMINAL MODULE TB384 P/N A593A-H02 IN THE INDICATED POSITION BY MEANS OF N°2 SCREWS P/N NAS1802-06-6 AND N°2 WASHERS P/N NAS1149DN616J. APPLY DECAL P/N ED300TB384.	SATS. INSTALLED. APPLIED.	adl	adl 	22/2/23
		10.23 WITH REFERENCE TO FIGURE 59 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL THE TCAS II PROCESSOR MOUNTING TRAY P/N S5158F01 BY MEANS OF N°3	SATISFACTORY INSTALLED AND APPLIED	adl	HR 	8/3/23






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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		SCREWS P/N MS24693-C274 AND N°3 SCREWS P/N NAS1802-3-12. APPLY DECAL P/N ED300A440.	-	-	-	-
		10.24 WITH REFERENCE TO FIGURE 61 VIEW L-L, INSTALL ELECTRICAL SUPPORT P/N AW001TL3A08 IN THE INDICATED POSITION BY MEANS OF ADHESIVE EA9309.3NA (C021) (LOCATION 1).	SATISFACTORY INSTALLED		 	22/2/23
		10.25 WITH REFERENCE TO FIGURE 62 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL A GROUND STUD P/N A363A01 AND A LOADER SPREADER P/N A608A01 IN THE INDICATED POSITION BY MEANS OF N°8 RIVETS P/N NAS9301B-4-03 AND N°2 RIVETS P/N MS20426AD3-4. APPLY DECAL P/N ED300A440GS1.	SATISFACTORY INSTALLED AND APPLIED		 	7/3/23
		10.26 WITH REFERENCE TO FIGURE 62 VIEW LOOKING FROM STA 6700 TO STA 7200 REAR RH SIDE, INSTALL GROUND TERMINAL TB382 P/N A593A-H02 BY MEANS OF N°2 SCREWS P/N NAS1802-06-06 AND N°2 WASHERS NAS1149DN616J. APPLY DECAL P/N ED300TB382.	SATISFACTORY INSTALLED AND APPLIED		 	7/3/23
		10.27 WITH REFERENCE TO FIGURE 61 VIEW L-L, INSTALL A CLAMP P/N MS25281-R11 AND A GROMMET P/N AW002FT505 IN INDICATED POSITION BY MEANS OF SCREW P/N NAS1802-3-10 (SEE DETAIL I IN FIGURE 48).	SATISFACTORY INSTALLED		 	22/2/23
		10.28 WITH REFERENCE TO FIGURE 61 VIEW L-L, REMOVE EXISTING SCREW AND INSTALL A CLAMP P/N MS25281-R17 AND A GROMMET P/N AW002FT114.	SATISFACTORY REMOVED, INSTALLED		 	22/2/23

<input checked="" 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.
* 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.	







NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		10.29 WITH REFERENCE TO FIGURE 61 VIEW L-L, INSTALL A CLAMP P/N MS25281-R11 AND A GROMMET P/N AW002FT505 IN THE INDICATED POSITION BY MEANS OF SCREW P/N NAS1802-3-24 AND SPACER P/N NAS43DD3-40N.	SATIS INSTALLED		 <i>adl</i>	2/3/23
		<p align="center"><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEP 10.30 ONLY IF THE ACCESS THROUGH THE ACCESS PANELS 160AL AND 160 BL TO THE TUNNEL UNDER THE FUEL TANKS IS NOT ALLOWED BY THE PRESENCE OF A CABLE ASSY GUIDE.</p> <p>10.30 WITH REFERENCE TO FIGURE 43 DETAILS C AND D PERFORM THE INDICATED CUT-OUTS ON THE INSTALLED LH GUIDE ASSY P/N 3G5338A16931.</p>	N/A, CABLE CAN GO THROUGH THE TUNNEL	N/A	 <i>adl</i>	2/3/23
		<p>10.31 WITH REFERENCE TO FIGURE 47 THRU 63, ROUTE THE FOLLOWING CABLE ASSEMBLIES FOLLOWING THE EXISTING ROUTES UNLESS OTHERWISE INDICATED ON THE FIGURES:</p> <ul style="list-style-type: none"> <li>· 3G9A01B47821 TCAS II C/A (A1B478)</li> <li>· 3G9A02A44321 TCAS II C/A (A2A443)</li> <li>· 3G9A02B44821 TCAS II C/A (A2B448)</li> <li>· 3G9B01B59821 TCAS II C/A (B1B598)</li> <li>· 3G9B01B76121 TCAS II C/A (B1B761)</li> <li>· 3G9B02B41221 TCAS II C/A (B2B412)</li> <li>· 3G9C01B28621 TCAS II C/A (C1B286)</li> <li>· 3G9C02B30221 TCAS II C/A (C2B302)</li> <li>· 3G9C03B25721 TCAS II C/A (C3B257)</li> <li>· 3G9C03B25821 TCAS II C/A (C3B258)</li> <li>· 3G9C03B25921 TCAS II C/A (C3B259)</li> </ul>	SATIS, ROUTED		<i>adl</i> 	2/3/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		<ul style="list-style-type: none"> <li>· 3G9C03B26021 TCAS II C/A (C3B260)</li> <li>· 3G9C03B26121 TCAS II C/A (C3B261)</li> <li>· 3G9C03B26221 TCAS II C/A (C3B262)</li> <li>· 3G9C03B26321 TCAS II C/A (C3B263)</li> <li>· 3G9C03B26421 TCAS II C/A (C3B264)</li> </ul>	-	-	-	-
		10.32 WITH REFERENCE TO FIGURES 47 THRU 63, FIX THE CABLES AT THE EXISTING OR PREVIOUSLY INSTALLED FIXING HARDWARE BY MEANS OF LACING CORDS P/N 900004953 AND, WHERE INDICATED, BY MEANS OF GROMMETS P/N AW002FT109 AND P/N AW002FT114 AND SPACERS P/N A631A01A.	SATISFACTORY PERFORMED	<i>ad</i>	HQ 	6/3/23
		10.33 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 64 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A B1B761 TO CONNECTOR J212, BY MEANS OF ELECTRICAL CONTACT P/N M39029/56-351, AND TO CONNECTOR PL1P10 BY MEANS OF ELECTRICAL CONTACT P/N M39029/58-363.	SATISFACTORY PERFORMED	<i>ad</i>	HQ 	6/3/23
		10.34 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 64 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A1B478 TO CONNECTOR P102, BY MEANS OF ELECTRICAL CONTACT P/N M39029/58-360, AND TO TERMINAL BOARD TB150/1 BY MEANS OF ELECTRICAL CONTACT P/N A523A-A01.	SATISFACTORY PERFORMED	<i>ad</i>	HQ 	3/3/23
		10.35 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 64 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A B1B598 TO CONNECTOR J204, BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/56-351, TO CONNECTOR J102, BY MEANS OF ELECTRICAL CONTACT P/N M39029/56-348 AND TO TERMINAL	SATISFACTORY PERFORMED	<i>ad</i>	HQ 	3/3/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		BOARD TB2240 BY MEANS OF ELECTRICAL CONTACT P/N A523A-A05.	-	-	-	-
		10.36 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 64 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C1B286 TO CONNECTOR P212, BY MEANS OF ELECTRICAL CONTACT P/N M39029/58-363, TO CONNECTOR P204, BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/58-363, TO TERMINAL BOARD TB382 BY MEANS OF N°4 ELECTRICAL CONTACTS P/N A523A-A02, TO GROUND STUD A400GS1 BY MEANS OF N°3 TERMINAL LUGS P/N MS25036-108.	SATISFACTORY PERFORMED		 	6/3/23
		10.37 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 64 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C1B286 TO CONNECTOR A440P1C BY MEANS OF N°2 ELECTRICAL CONTACTS P/N 031-1303-000 AND N°2 ELECTRICAL CONTACTS P/N 031-1308-000 AND TO CONNECTOR A440P1E BY MEANS OF N°6 ELECTRICAL CONTACTS P/N 030-2259-000.	SATISFACTORY PERFORMED		 	6/3/23
		10.38 WITH REFERENCE TO FIGURE 64 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C3B261, C/A C3B262, C/A C3B263 AND C/A C3B264 TO CONNECTOR A440P1B BY MEANS OF N°4 ELECTRICAL CONTACTS P/N 190801.	SATISFACTORY PERFORMED		 	6/3/23
		10.39 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 65 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A2A443 TO CONNECTOR A7-6P3 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/57-354, TO CONNECTOR PL8P2, BY MEANS OF N°2	SATISFACTORY PERFORMED		 	22/2/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		ELECTRICAL CONTACTS P/N M39029/57-357, TO CONNECTOR J107 BY MEANS OF N°4 ELECTRICAL CONTACTS P/N M39029/56-348.	-	-	-	-
		10.40 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 65 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A2B448 TO CONNECTOR A8-6P3 BY MEANS OF N° 6 ELECTRICAL CONTACTS P/N M39029/57-354, TO TERMINAL BOARD TB106P1 BY MEANS OF N° 12 ELECTRICAL CONTACTS P/N M39029/56-348, TO CONNECTOR PL24P2 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/57-357 TO CONNECTOR P122 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/58-360, TO CONNECTOR P107 BY MEANS OF N°4 ELECTRICAL CONTACTS P/N M39029/58-360 AND TO CONNECTOR P110 BY MEANS OF N°6 ELECTRICAL CONTACTS P/N M39029/58-360.	SATISFACTORY PERFORMED		HR 	6/3/23
		10.41 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 66 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A B2B412 TO CONNECTOR J110 BY MEANS OF N°6 ELECTRICAL CONTACTS P/N M39029/56-348, TO CONNECTORS J206 BY MEANS OF N°6 P/N M39029/56-351, TO CONNECTOR J122 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/56-348 AND TO CONNECTOR J208 BY MEANS OF N° 2 ELECTRICAL CONTACT P/N M39029/56-348.	SATISFACTORY PERFORMED		HR 	6/3/23
		10.42 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 66 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C2B302 TO TERMINAL BOARD TB384 BY MEANS OF N°3 ELECTRICAL	SATISFACTORY PERFORMED		HR 	6/3/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		CONTACTS P/N A523A-A02, TO CONNECTOR A440P1E BY MEANS OF N°6 ELECTRICAL CONTACTS P/N 030-2259-000, TO CONNECTOR P206 BY MEANS OF N°6 ELECTRICAL CONTACTS P/N M39029/58-363, TO CONNECTOR A440P1C BY MEANS OF N°1 ELECTRICAL CONTACT P/N 349-1003-000, TO CONNECTOR P208 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/58-363.	-	-	-	-
		10.43 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO REFERENCE TO FIGURE 67 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A2A443 TO CONNECTOR J107, BY MEANS OF N°4 ELECTRICAL CONTACTS P/N M39029/56-348, TO CONNECTOR A1-3P1 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/57-354 AND TO TB105P1 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/56-348.	Satisfactory Performance	HQR	HQR 	3/3/23
		10.44 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 67 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A2B448 TO TB106P1 BY MEANS OF N°3 ELECTRICAL CONTACTS P/N M39029/56-348, TO CONNECTOR P107 BY MEANS OF N°4 ELECTRICAL CONTACTS M39029/58-360, TO CONNECTOR P110 BY MEANS OF N°9 ELECTRICAL CONTACTS P/N M39029/58-360 AND TO CONNECTOR A2-3P1 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/57-354.	Satisfactory Performance	HQR	HQR 	3/3/23
		10.45 WITH REFERENCE TO FIGURE 68 WIRING DIAGRAM, DISCONNECT FROM CONNECTORS A10P4 AND TB106P1 AND REMOVE OR STOW THE MARKED WIRES R191A24-S (WH) AND R191A24-S (BL).	Satisfactory Performance	HQR	HQR 	3/3/23

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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		10.46 WITH REFERENCE TO FIGURE 68 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS BETWEEN THE MARKED WIRES S931A24-S(WH), S931B24-S(WH) AND S931C24-S(WH) BY MEANS OF SPLICE P/N M81824/1-1. (SPLICE SP3372).	SATISFACTORY PERFORMED		HQ 	3/3/23
		10.47 WITH REFERENCE TO FIGURE 68 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS BETWEEN THE MARKED WIRES S931A24-S(BL), S931B24-S(BL) AND S931C24-S(BL) BY MEANS OF SPLICE P/N M81824/1-1. (SPLICE SP3373).	SATISFACTORY PERFORMED		HQ 	3/3/23
		10.48 WITH REFERENCE TO FIGURE 68 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTION BETWEEN THE SHIELD OF THE WIRES S931A24-S, S931B24-S AND S931C24-S BY MEANS OF N°3 FERRULES P/N A590A03.	SATISFACTORY PERFORMED		HQ 	3/3/23
		10.49 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 68 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A2B448 TO CONNECTOR A10P4 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/57-354, TO TB106P1 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/58-363 AND TO CONNECTOR P110 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/58-360.	SATISFACTORY PERFORMED		HQ 	3/3/23
		10.50 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 69 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A B2B412 TO CONNECTOR J110 BY MEANS OF N°11 ELECTRICAL CONTACTS P/N M39029/56-348 AND TO CONNECTORS J206 BY MEANS OF N°11 ELECTRICAL CONTACTS P/N M39029/56-351.	SATISFACTORY PERFORMED		HQ 	6/3/23






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NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		10.51 IN ACCORDANCE WITH AMP DM 39-A-20-10-08-00A-622A-A AND WITH REFERENCE TO FIGURE 69 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C2B302 TO CONNECTOR A440P1E BY MEANS OF N°11 ELECTRICAL CONTACTS P/N 030-2259-000, TO CONNECTOR P206 BY MEANS OF N°11 ELECTRICAL CONTACTS P/N M39029/58-363.	SATISFACTORY PERFORMER		 	6/3/23
		10.52 WITH REFERENCE TO FIGURE 60 VIEW K-K, PLUG THE CONNECTORS A440P1A, A440P1B, A440P1C, A440P1E AND A440P1F IN THE RELEVANT CONNECTOR ON THE TCAS II PROCESSOR MOUNTING TRAY P/N S5158F01.	SATISFACTORY PERFORMER		 	6/3/23
		<b>NOTE</b> PERFORM THE FOLLOWING STEP 10.53 ONLY IF PART III OF THIS SERVICE BULLETIN IS NOT INTENDED TO BE EMBODIED IMMEDIATELY AFTER PART II.	N/A PART III TO COMMENCE IMMEDIATELY	N/A	 	14/2/23
		10.53 WITH REFERENCE TO FIGURE 49 VIEW A-A, PLUG THE CONNECTORS E112P1, E112P2, E112P3 AND E112P4 TO THE RELEVANT DUMMY CONNECTORS ON THE INSTALLED PLATE SUPPORT ASSY P/N 3G5316A98831.				
		10.54 WITH REFERENCE TO FIGURE 61 DETAIL M, STOW LOCALLY THE CONNECTORS E113P1, E113P2, E113P3 AND E113P4 BY MEANS OF THE APPLICABLE PROTECTIVE CAPS AND NOMEX SLEEVE.	N/A REFER 10.53	N/A	 	14/2/23
11.	-	<b>NOTE</b> PERFORM THE FOLLOWING STEP 11 ONLY IF THE HELICOPTER IS ALREADY EQUIPPED WITH KIT 2ND XPDR P/N 3G3450F00214.	-	-	-	-

<input checked="" 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.
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\* 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.

NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		<p>WITH REFERENCE TO FIGURES 19 THRU 21, PERFORM THE 2ND XPDR AND TCAS II I/F INSTALLATION P/N 3G3450A05111 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>11.1 LAY DOWN THE FOLLOWING CABLE ASSEMBLIES FOLLOWING THE EXISTING ROUTES UNLESS OTHERWISE INDICATED ON THE FIGURES:</p> <ul style="list-style-type: none"> <li>· 3G9A02A44601, 2ND XPDR AND TCAS II I/F C/A (A2A446);</li> <li>· 3G9A02B45101, 2ND XPDR AND TCAS II I/F C/A (A2B451);</li> <li>· 3G9B02B41401, 2ND XPDR AND TCAS II I/F C/A (B2B414);</li> <li>· 3G9C02B30401, 2ND XPDR AND TCAS II I/F C/A (C2B304);</li> <li>· 3G9C02B31401, 2ND XPDR AND TCAS II I/F C/A (C2B314).</li> </ul>	<p>n/a 2ND XPDR NOT FITTED</p>	<p>n/a</p>	<p>adl </p>	<p>14/12/23</p>
		<p>11.2 SECURE THE CABLES BY MEANS OF EXISTING HARDWARE AND LACING CORDS P/N 900004953.</p>	<p>n/a 2ND XPDR NOT FITTED</p>	<p>n/a</p>	<p>adl </p>	<p>14/12/23</p>
		<p>11.3 WITH REFERENCE TO FIGURE 29 WIRING DIAGRAM, REMOVE, STOW OR REUSE THE INDICATED WIRES OF INSTALLED C/A C2B203.</p>	<p>n/a 2ND XPDR NOT FITTED</p>	<p>n/a</p>	<p>adl </p>	<p>14/12/23</p>
		<p>11.4 WITH REFERENCE TO FIGURE 29 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A2A446 BETWEEN MRC1 CONNECTOR A7-6P3 AND SECTIONING CONNECTOR J107 BY MEANS OF N°2 ELECTRICAL CONTACTS P/N M39029/58-360 (J107 SIDE).</p>	<p>n/a 2ND XPDR NOT FITTED</p>	<p>n/a</p>	<p>adl </p>	<p>14/12/23</p>
		<p>11.5 WITH REFERENCE TO FIGURE 29 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A A2A451 BETWEEN SECTIONING CONNECTOR P107 AND SECTIONING CONNECTOR</p>	<p>n/a 2ND XPDR NOT FITTED</p>	<p>n/a</p>	<p>adl </p>	<p>14/12/23</p>

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.



NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		P122 BY MEANS OF N°8 ELECTRICAL CONTACTS P/N M39029/58-360 (BOTH SIDES).				
		11.6 WITH REFERENCE TO FIGURE 29 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A B2B414 BETWEEN SECTIONING CONNECTOR J122 AND SECTIONING CONNECTOR J208 AND BY MEANS OF N°8 ELECTRICAL CONTACTS P/N M39029/56-348 (BOTH SIDES).	N/A 2ND XPDR NUT FITTED	N/A	L06 LM adl	14/2/23
		11.7 WITH REFERENCE TO FIGURE 29 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C2B314 BETWEEN SECTIONING CONNECTOR P208 AND TCAS PROCESSOR A440P1F BY MEANS OF N°4 ELECTRICAL CONTACT P/N M39029/58-360.	N/A 2ND XPDR NUT FITTED	N/A	L06 LM adl	14/2/23
		11.8 WITH REFERENCE TO FIGURE 29 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C2B304 ON TCAS PROCESSOR A440P1F BY MEANS OF N°4 ELECTRICAL CONTACT P/N M39029/58-360.	N/A 2ND XPDR NUT FITTED	N/A	L06 LM adl	14/2/23
12.		<p><b>NOTE</b></p> <p>PERFORM THE FOLLOWING STEP 12 ONLY IF THE HELICOPTER OPERATES UNDER FAA RULES.</p> <p>WITH REFERENCE TO FIGURE 21, PERFORM THE TCAS II CLIMB RA INHIBIT VARIANT P/N 3G3406P03611 AS DESCRIBED IN THE FOLLOWING PROCEDURE:</p> <p>12.1 LAY DOWN THE TCAS II CLIMB RA INHIBIT VARIANT C/A (C2B313) P/N 3G9C02B31301 FOLLOWING THE EXISTING ROUTES UNLESS OTHERWISE INDICATED ON THE FIGURES.</p>	N/A HELI OPERATES UNDER CAAM	N/A	L06 LM adl	14/2/23

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.

NO	SOURCE	TASK / REFERENCE	REMARKS	MECHANIC SIGN	* AH SIGN & STAMP	DATE
		12.2 SECURE THE CABLES BY MEANS OF EXISTING HARDWARE AND LACING CORDS P/N 900004953.	N/A HELI OPERATES UNDER CAAM	N/A	L06 LM <i>adl</i>	14/2/23
		12.3 WITH REFERENCE TO FIGURE 30 WIRING DIAGRAM REMOVE, STOW OR REUSE THE INDICATED WIRES OF INSTALLED CABLE ASSY C2B302.	N/A HELI OPERATES UNDER CAAM	N/A	L06 LM <i>adl</i>	14/2/23
		12.4 WITH REFERENCE TO FIGURE 29 WIRING DIAGRAM, PERFORM ELECTRICAL CONNECTIONS OF THE C/A C2B313 ON TCAS PROCESSOR CONNECTOR A440P1E.	N/A HELI OPERATES UNDER CAAM	N/A	L06 LM <i>adl</i>	14/2/23
13.	-	PERFORM A PIN TO PIN TEST OF ALL THE ELECTRICAL CONNECTION PERFORMED. IN ACCORDANCE WITH WEIGHT AND BALANCE CHANGES, <b>UPDATE THE CHART A (SEE ROTORCRAFT FLIGHT MANUAL, PART II, SECTION 6).</b>	SATISFACTORY PERFORMED. FOR CAMO TO UPDATE AS APPLICABLE.	<i>adl</i>	HSD L09 LMSB	7/3/23
14.	-	RETURN THE HELICOPTER TO FLIGHT CONFIGURATION AND <b>RECORD FOR COMPLIANCE WITH PART II OF THIS SERVICE BULLETIN ON THE HELICOPTER LOGBOOK.</b>	FOR CAMO TO TAKE NOTE AND UPDATE AS APPROPRIATE SATISFACTORY RETURNED.	<i>sl</i>	<i>sl</i> M1 101	12/3/23
15.	-	SEND THE ATTACHED COMPLIANCE FORM TO THE FOLLOWING MAIL BOX: <a href="mailto:ENGINEERING.SUPPORT.LHD@LEONARDOCOMPANY.COM">ENGINEERING.SUPPORT.LHD@LEONARDOCOMPANY.COM</a> . AS AN ALTERNATIVE, GAIN ACCESS TO MY COMMUNICATIONS SECTION ON LEONARDO WEBPORTAL AND COMPILE THE "SERVICE BULLETIN APPLICATION COMMUNICATION".	FOR PPTED TO TAKE NOTE AND SEND AS APPLICABLE	<i>sl</i>	<i>sl</i> M1 101	10/3/23

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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.

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## SERVICE BULLETIN

N° **139-348**

**DATE:** June 30, 2015

**REV.:** A - July 9, 2021

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### TITLE

ATA 34 – KIT TCAS II INSTALLATION

### REVISION LOG

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

Revision A is developed in order to:

- Add Part II in order to allow the installation of TCAS II complete provision P/N 3G3450A04812 for the helicopters from S/N 31700 onward and from S/N 41501 onward.
- Update the Service Bulletin to the latest design.

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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.

<b>PARTS / MATERIAL USED / COMPONENT CHANGE RECORD</b>		WORKSHEET / WORKCARD NUMBER :		2023/BGH/003						
		SERVICE ORDER NUMBER :	AIRFRAME HOURS :	9	0	0	2	5	6	6
AIRCRAFT REGISTRATION :		AIRCRAFT SERIAL NUMBER :		9M-BGH		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	SERIAL NO.	TSN/TSO				
TCAS II C/A	3G3450A04913A2R	N/A	N/A	N/A	N/A	N/A	N/A	0071241336	22.12.2022		
CLAMP, LOOP	MS25281-R11	N/A	N/A	N/A	N/A	N/A	N/A	0071192577	10.06.2022		
STANDOFF, ADHESIVE BONDED	A388A3E12CT5	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2021	1T20-17512		
STUD, ADH BONDED	A366A3E22C	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2021	1T20-17881		
SPACER, CABLE BUNDLES	AG31A01A	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T20-12253		
FERRULE, SHIELDED CABLE	A590A03	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2019	1T20-11986		
SUPPORT ASSY TCAS II, PADOME	3G5316A96631	N/A	N/A	N/A	N/A	N/A	N/A	PZL-2022	PL16-01837		
TCAS II C/A (A2A443)	3G9A02A44321A2R	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T13-14809		
INSERT, PANEL FASTE	NAS1835-3	N/A	N/A	N/A	N/A	N/A	N/A	0071216289	26.09.2022		
AG00 TCAS II MOUNTING TRAY	S5158F01	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T20-15935		
SUPPORT, ELECTRICAL CABLE	AW001CL008-CM	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T20-15580		
SUPPORT, ELECTRICAL CABLE	AW001CL008-CM	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T20-15580		
TCAS II C/A	3G3450A04913A6R	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T13-13418		
TCAS II (C3B257-C3B258-C3B259)-C3B	3G3450A04913A4R	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T13-13802		
TCAS II C/A	3G3450A04913A1R	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T13-13803		
INSERT, PANEL FASTENER	A254APIOC1	N/A	N/A	N/A	N/A	N/A	N/A	1T20-2022	23573		
RIVET, SOLID	MS20470AD4-5-5	N/A	N/A	N/A	N/A	N/A	N/A	0071191025	31.05.2022		
RIVET, SOLID	MS20470AD4-5	N/A	N/A	N/A	N/A	N/A	N/A	0010711598	26.04.2017		
DECAL	ED300A440GS1	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T20-11471		
TERMINAL, STUO	A363A01	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2020	1T20-16217		
ANGLE	3G5316A99751	N/A	N/A	N/A	N/A	N/A	N/A	PZL-2022	PL16-03102		
INSERT, PANEL FASTENER	A254AS10D08	N/A	N/A	N/A	N/A	N/A	N/A	1T20-2022	23572		
GROMMET, RUBBER	AW002FT505	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2018	1T20-11739		
GROMMET, RUBBER	AW002FT401	N/A	N/A	N/A	N/A	N/A	N/A	0071192577	10.06.2022		
DECAL	ED300TB384	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T20-15526		
NUTPLATE, SELF LOCKING, RIGHT A	A423A3C8	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2022	1T20-12402		
RIVET, SOLID	MS20470AD4-7	N/A	N/A	N/A	N/A	N/A	N/A	AGU-2020	1T20-16977		
RIVET, SOLID	MS20470AD4-7	N/A	N/A	N/A	N/A	N/A	N/A	1T20-2015	35154		



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

WORKSHEET / WORKCARD NUMBER :

2023/BGH/003

SERVICE ORDER NUMBER :

AIRFRAME HOURS :

302:40

AIRCRAFT REGISTRATION : 9M-BGH

AIRCRAFT SERIAL NUMBER :

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	
CABLE SUPPORT ASSY.	3G5316A9Q431	N/A	N/A	N/A	N/A	PZL - 2022 - PL16 - 03568
SCREW, MACHINE	MS246Q4 - 857	N/A	N/A	N/A	N/A	0070841074 / 09.07.2018
NUT, SELF-LOCKING, PLATE	MS2106Q1L3K	N/A	N/A	N/A	N/A	0071047636 / 24.08.2020
INSERT, SCREW THREAD AND XPDR AND TCAS II I/F C/A CC	NAS1835 - 3M	N/A	N/A	N/A	N/A	0070930172 / 22.04.2019
NUT/PLATE, SELF-LOCKING, RIGHT A	3G9C02B31401	N/A	N/A	N/A	N/A	AGU - 2014 - IT13 - 15825
NUT, SELF-LOCKING, PLATE	A423A3C6	N/A	N/A	N/A	N/A	AGU - 2022 - IT20 - 12752
SCREW, SELF-LOCKING	MS2106Q1L06	N/A	N/A	N/A	N/A	2071192304 / 10.06.2022
SUPPORT, ELECTRICAL CABLE	NAS1190E3P20AK	N/A	N/A	N/A	N/A	0071208541 / 18.08.2022
WASHER, FLAT	AW001CL50Q - NG	N/A	N/A	N/A	N/A	AGU - 2021 - IT20 - 15978
RIVET, BLIND	NAS1149D0316K	N/A	N/A	N/A	N/A	0070902500 / 17.01.2019
WASHER, FLAT	NAS9301B - 4-02	N/A	N/A	N/A	N/A	0071019988 / 16.04.2020
SPACER, SLEEVE	NAS1149D0N616J	N/A	N/A	N/A	N/A	IT20 - 2014 - 51454
SCREW, MACHINE	NAS43003 - 18N	N/A	N/A	N/A	N/A	0071180802 / 21.04.2022
WASHER, FLAT	MS2703Q - 1-08	N/A	N/A	N/A	N/A	0070623227 / 29.05.2016
WASHER, FLAT	NAS1149D0332K	N/A	N/A	N/A	N/A	0070624349 / 08.06.2016
SCREW, MACHINE	NAS1149D0332K	N/A	N/A	N/A	N/A	0070752608 / 26.09.2017
SPACER, SLEEVE	MS2703Q - 1-07	N/A	N/A	N/A	N/A	008332451 / 22.03.2022
WASHER, FLAT	NAS43003 - 40N	N/A	N/A	N/A	N/A	0071192305 / 10.06.2022
SCREW, MACHINE	NAS1149CN832R	N/A	N/A	N/A	N/A	IT20 - 2014 - 51460
SUPPORT, ELECTRICAL CABLE	NAS1802 - 06 - 6	N/A	N/A	N/A	N/A	6962312
SCREW, SELF-LOCKING	AW001CL50Q - N6	N/A	N/A	N/A	N/A	AGU - 2021 - IT20 - 15978
2ND XPDR AND TCAS II I/F C/A (A2B451)	NAS1190E3P18AK	N/A	N/A	N/A	N/A	0071192081 / 11.06.2022
2ND XPDR AND TCAS II I/F C/A (B2B414)	3G9A02B45101	N/A	N/A	N/A	N/A	AGU - 2013 - IT13 - 13049
2ND XPDR AND TCAS II I/F C/A	3G9B02B41401	N/A	N/A	N/A	N/A	AGU - 2013 - IT13 - 13002 0071492578 / 11.06.2022
2ND XPDR AND TCAS II I/F C/A	3G9C02B30401	N/A	N/A	N/A	N/A	AGU - 2013 - IT13 - 13006
2ND XPDR AND TCAS II I/F C/A	3G9A02A44601	N/A	N/A	N/A	N/A	AGU - 2013 - IT13 - 12998
SCREW, SELF-LOCKING	NAS1190E3P38AK	N/A	N/A	N/A	N/A	0071192577 / 10.06.2022





LEONARDO MALAYSIA SDN. BHD.

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

WORKSHEET / WORKCARD NUMBER :

2023/BGH/003

SERVICE ORDER NUMBER :

AIRFRAME HOURS :

302.40

9M-BGH

AIRCRAFT SERIAL NUMBER :

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	
SCREW , MACHINE	NAS1802 - 3 - 15	N/A	N/A	N/A	N/A	0071192577 / 10.06.2022
SCREW , MACHINE	NAS1802 - 3 - 16	N/A	N/A	N/A	N/A	0071192577 / 10.06.2022
SCREW	NAS1802 - 3 - 12	N/A	N/A	N/A	N/A	0071181880 / 26.04.2022
CLAMP, LOOP	MS25281 - R17	N/A	N/A	N/A	N/A	0071194026 / 14.06.2022
CLAMP, LOOP	MS25281 - R17	N/A	N/A	N/A	N/A	0071194555 / 16.06.2022
CLAMP, LOOP	MS25281 - R17	N/A	N/A	N/A	N/A	0071206615 / 10.08.2022
SCREW , MACHINE	NAS1802 - 3 - 24	N/A	N/A	N/A	N/A	0071192577 / 10.06.2022
BRACKET , ANGLE	MS9592 - 027	N/A	N/A	N/A	N/A	0071198531 / 01.07.2022
SCREW , SELF-LOCKING	NAS1190EP30AK	N/A	N/A	N/A	N/A	0071193225 / 14.06.2022
SCREW , MACHINE	NAS1802 - 3 - 9	N/A	N/A	N/A	N/A	0071192577 / 10.06.2022
SPACER, SLEEVE	NAS43003 - 90N	N/A	N/A	N/A	N/A	0071174833 / 29.03.2022
GROMMET, RUBBER	AW002FT112	N/A	N/A	N/A	N/A	AGU - 2022 - 1T20 - 11535
TERMINAL, STUD	A363A01	N/A	N/A	N/A	N/A	AGU - 2020 - 1T20 - 16217
HEAT SINK, ELECTRICAL - ELECTRONI	A608A01	N/A	N/A	N/A	N/A	AGU - 2020 - 1T20 - 12714
SCREW, SELF-LOCKING	NAS1190E3PTAK	N/A	N/A	N/A	N/A	0071200906 / 15.07.2022
SCREW , MACHINE	NAS1802 - 3 - 10	N/A	N/A	N/A	N/A	0070657711 / 20.09.2016
PLATE SUPPORT ASSY TCASII	3G5316A98831	N/A	N/A	N/A	N/A	PZL - 2021 - P116 - 02152
CONNECTOR, SUPPORT ASSY LH RADO	3G5316A98531	N/A	N/A	N/A	N/A	PZL - 2021 - P116 - 02163
PROCESSOR SUPPORT ASSY TCAS II	3G5316A99231	N/A	N/A	N/A	N/A	PZL - 2022 - P116 - 02491
ANGLE ASSY SUPPORT TCAS II RADO	3G5316A98132	N/A	N/A	N/A	N/A	PZL - 2022 - P116 - 03365
STANDOFF, ADHESIVE BONDED	A388A3E08C	N/A	N/A	N/A	N/A	AGU - 2021 - 1T20 - 12513
ANCHOR NUT, RIGHT ANGLE, PEL, ADH	AW001TL3A08	N/A	N/A	N/A	N/A	AGU - 2022 - 1T20 - 10466
GROMMET, RUBBER	AW002FT114	N/A	N/A	N/A	N/A	AGU - 2022 - 1T20 - 10527
SCREW, SELF-LOCKING	NAS1190E3P20AK	N/A	N/A	N/A	N/A	0071208541 / 18.08.2022
SUPPORT, ELECTRICAL CABLE	AW001CL001 - NG	N/A	N/A	N/A	N/A	AGU - 2018 - 1T20 - 11666
SUPPORT, ELECTRICAL CABLE	AW001CL009 - CM	N/A	N/A	N/A	N/A	AGU - 2017 - 1T20 - 17604
SCREW, MACHINE	MS27039 - 0808	N/A	N/A	N/A	N/A	0071184781 / 09.05.2022