

**LATAM****SERVICEABLE PART TAG**

MXI BARCODE



I006L2CP

SAP CODE

11

11

Part Name	Part Number	Serial No./Batch
ICP-INTEGRATED CONTROL PANEL AIR AND ELECTRICITY	727-7308-05	S14251059

Qty	Repairable	Purchase Order	Recvd. Condition	Inventory Class
1	No	267973	MOD	CONSUMABLE

USAGE	TSN	TSO	Shelf Life Expire
ACYC	N/A	N/A	-
AOT	N/A	N/A	

Received Date	Location	Inspected By	Signature
16-Apr-2023 12:32	TAM SHOP EXTERNO	André Gonçalves	

TRACEABLE TO:	
CoC Manufacturer	
FAA	
EASA	
DGAC - CHILE	
ANAC-BRASIL	
LAR-01	
OTHERS	

OEM BATCH

PRINT DATE: 16-Apr-2023

Release remarks

MODIFIED CMM 31-19-58 REV 1 DATED MAY 30/18

UPGRADED AS FOR VSBs 727-7208-XX-31-001 AND VSB 727-7308-XX-31-001

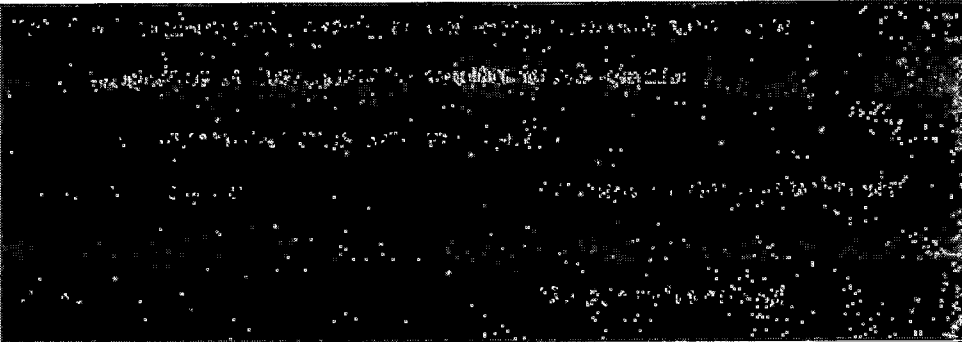
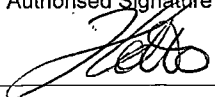
INSTALLED PART (USE ONLY FOR MAINTENANCE)

Aircraft Registry	Task (Barcode)	Installed By	Date / Sign.	OMA / MRO

REMOVED PART (USE ONLY FOR MAINTENANCE)

Aircraft Registry	Task (Barcode)	Removed By	Date / Sign.	OMA / MRO

12

1. Approving Competent Authority / Country ENTE NAZIONALE PER L'AVIAZIONE CIVILE (ENAC) / ITALIA		2. AUTHORIZED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number 145/1612/SP/2019	
4. Organisation Name and Address LEONARDO S.p.a. - Electronics Piazza Monte Grappa 4 - 00195 - Roma - Italy				5. Work Order/Contract/Invoice 267973/40041165	
6. Item	7. Description	8. Part No.	9. Qty	10. Serial No.	11. Status/Work
1	AIR and ELEC ICP A350 B	727-7308-05 AMDT A	1	S14251059	MODIFIED
12. Remarks Leonardo S.p.a. - Airborne & Space Systems - Stabilimento di Montevarchi (Montevarchi Site) - Via della Lama 13 - Località Levanella Becorpi - 52025 Montevarchi (AR) - Italy The work identified in 11 and described herein has been accomplished in accordance with 14CFR Part 43 and in respect to that work, the item(s) is(are) approved for return-to-service under FAA certificate N° 3S3Y436B PART NO: 727-7308-05 AMDT A CORRESPONDS TO LEONARDO P/N: 727-7308/05.02 MAINTAINED IN ACCORDANCE WITH CMM 31-19-58 Rev 1 May 30/18 UPGRADED AS FOR VSBs 727-7208-XX-31-001 AND VSB 727-7308-XX-31-001 WORK CARD ID: 201901604 ANNEXED DOCUMENTS: TEST REPORT ID: 29573/19 WORKSHOP REPORT ID: RL201901215					
			14a. ☒ Part 145.A.50 Release to Service ☒ Other regulation specified in block 12		
			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service		
			14b. Authorised Signature  CERTIFYING STAFF C.A. No.: 0wq-ec100003	14c. Certificate /Approval Ref. No BIT.145.0287	
			14d. Name Luca Rigotto	14e. Date (dd mmm yyyy) 06 Jun 2019	
USER/INSTALLER RESPONSABILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

0001615005

04/04/2019

LEONARDO S.p.a. Airborne & Space Systems
A4582

	WORKSHOP REPORT EASA Part 145	Document Id:	RL201901215 REV. 0
		Date:	05/03/2019
		Status:	<i>Issued</i>

MATERIAL IDENTIFICATION DATA

Part Number P/N Customer	727-7208/05 727-7208-05	Rev 01	Warranty YES	Rif. RS RS1901201
Description	AIR ELEC ICP A350 FF BASIC			WBS SAS40000079
Serial Number or Batch Number	S14251059			Qty 1
A/C Type A350 XWB	A/C MSN PR-XTB	TSN	ND	Arline

FAILURE CLAIM DESCRIPTION

Defect Report / Not Conformity Id	267973
luz de side 1 e 2 isol on sempre acesa	

FINDING

Failure Confirmation	YES ☐	NO ☒	OTHER ☐
Item Subjected to SB/DA/CM	YES ☒	Id Ref. VSB 727-7208-XX-31-001 and 727-7308-XX-31-001	
The unit works correctly. The unit shall be upgraded to P/N 727-7308-05 AMDT A i.a.w. c			

REWORK DESCRIPTION / LIST OF REPLACED PARTS

Unit upgraded to 727-7308-05 AMDT A i.a.w. VSB 727-7208-XX-31-001 and 727-7308-XX-31-001:
On Discrete board 724-2414/04 S14160503 removed DC/DC component 725-0085/04 sn 02485 and installed DC/DC component 725-0085/05 sn 18912 and dissipation gasket 940-9614/01
On Discrete board 724-2415/04 S14160509 removed DC/DC component 725-0085/04 sn 02093 and installed DC/DC component 725-0085/05 sn 18914 and dissipation gasket 940-9614/01
Replaced Fron Face Component Board 724-2413/04 S14167157 with new one 724-2413/05 new S/N S18400143

Additional remarks: Tested i.a.w. applicable ATP		Test Report Id 29573/19
Technical Liability	YES ☒ NO ☐	Distribution TAM LINHAS AEREAS S/A
Compiled By Andrea Ghini		Date 06/06/2019

THIS DOCUMENT IS ACCEPTED, SIGNED, ISSUED AND ARCHIVED IN A CONTROLLED ELETTRONIC PROCESS

NON CLASSIFICATO / UNCLASSIFIED

LISTA DI CONFIGURAZIONE - CONFIGURATION SUMMARY N° 10662616 Rev. 01	
SITO: SIRIO PANEL S.P.A	M.F.R: A4582
CLIENTE / CUSTOMER AIRBUS OPERATIONS SAS CONTRATTO / CONTRACT	

DESCRIZIONE / DESCRIPTION	PART NUMBER	S/N	REV	N.U.C.
AIR AND ELEC ICP A350 BASIC	727-7208/05	S14251059	01	

COMPOSTO DA / COMPOSED OF

DESCRIZIONE/ DESCRIPTION	PART NUMBER	S/N	REV	N.U.C
ASSY FLEX PNL ANN A350	724-2035/01	S14184081	01	
OLR ROT 2P 1D 3P60	724-1950/13	S13173931	01	
OLR ROT 2P 2D 4P60	724-1950/14	S14205794	01	
OLR POT COCKPIT A350	724-1951/10	S14205991	01	
FLEXIBLE CONNECTION SFM30 L70 PCB ASSY	724-2165/01	S14182343	01	
FLEXIBLE CONNECTION SFM30 L70 PCB ASSY	724-2165/01	S14182376	01	
FLEXIBLE CONNECTION SFM30 L70 PCB ASSY	724-2178/01	S14117836	01	
FLEXIBLE CONNECTION SFM30 L70 PCB ASSY	724-2178/01	S14117857	01	
FLEXIBLE CONNECTION SFM60 L55	724-2179/01	S14181552	01	
FLEXIBLE CONNECTION SFM60 L55	724-2179/01	S14181488	01	
POT CABIN A350	724-2220/01	S14149463	01	
A ELEC PANEL	723-5541/04	S14227253	01	
AIR ELEC ASSY PCB BACKLIGHT	724-2071/03	S14126771	01	
AIR e ELEC ASSY PCB DISC 1	724-2414/04	S14160503	01	
DC/DC CONVERTER CUSTOM TFE 5VDC/18VDC 20	725-0085/05	TFE18912	01	
AIR e ELEC ASSY PCB DISC 2	724-2415/04	S14160509	01	
DC/DC CONVERTER CUSTOM TFE 5VDC/18VDC 20	725-0085/05	TFE18914	01	
ASSY CORE BOARD RCM-2 A350	724-2457/02	S14173745	01	
ASSY CORE BOARD RCM-2 A350	724-2457/02	S14173785	01	
AIR ELEC ASSY PCB FFC	724-2413/05	S18400143	01	

N.RAPPORTO DI COLLAUDO	NUMERO DEFECT REPORT
TEST REPORT NUMBER	DEFECT REPORT NUMBER
01592/15	

CONFIGURATORE	DATA CONFIGURAZIONE
MIRCO LANDI	15.04.2019

Shop Order Number
1085951

NOTE

06/06/2019 T.R. 29573/19 RL201901215 UPGRADED TO 727-7308-05 AMDT A

15/04/2019 RL201901215 Unit upgrade to 727-7308/05.02

TEST REPORT

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Descr.	AIR and ELEC ICP A350 B		Test Report N°	29573/19
Sirio Panel P/N	727-7308/05	Issue	02	Serial Number
Customer P/N				da / from
				a / to
ATP Code	727-7308/05 NE	Issue	01	Date
				15/02/2017
ATR Code	727-7308/05 TR	Issue	02	Date
				10/01/2018

Para Test Description	Specified Values	Measured Values	Pass/Fail
4.1 Physical Inspection	-----	-----	
4.1.1 Identification	PASS/FAIL	PASS	PASS
4.1.1 Outline Drawing issue (727-7308/05 HE)	PASS/FAIL	PASS	PASS
4.1.2 Visual Inspection	PASS/FAIL	PASS	PASS
4.1.3 Safety Guards Verification	PASS/FAIL	PASS	PASS
4.1.4 Shape Verification	-----	-----	
4.1.5 Weight Verification	< 3600 g	3533.9	PASS
4.1.6 Amendment Label Check	PASS/FAIL	PASS	PASS
4.2 Electric Test	-----	-----	
4.2.1 Bonding Test - Resistance ICP cover - Bonding Surface	< 20 mOhm	0.23	PASS
4.2.1 Bonding Test - Resistance ICP cover - Chassis Pin	< 20 mOhm	2.06	PASS
4.2.1 Bonding Test - Resistance ICP cover - Connector Shell	< 20 mOhm	1.26	PASS
4.2.1 Bonding Test - Resistance ICP cover - CAN Connector Shell	< 5 mOhm	1.06	PASS

Approvazione Ente Ispettore QAR Signature	Collaudatore Inspector Lorenzo Pratesi	Data del collaudo Inspection Date 06/06/2019 Esito / Test Result POSITIVE	Visto Qualità Quality Signature Filippo Signorini Data / Date 06/06/2019	Authorization Delivery YES MRB / WR No Authorized By
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TEST REPORT

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Descr. AIR and ELEC ICP A350 B		Test Report N° 29573/19	
Sirio Panel P/N 727-7308/05	Issue 02	Serial Number	da / from
Customer P/N		S14251059	a / to
ATP Code 727-7308/05 NE	Issue 01	Date 15/02/2017	
ATR Code 727-7308/05 TR	Issue 02	Date 10/01/2018	

Para Test Description	Specified Values	Measured Values	Pass/Fail
4.2.2 Insulation Resistance	-----	-----	
4.2.2.1 Test 1 - Resistance chassis - all signals	> 10 Mohm	100	PASS
4.2.2.2 Test 2 - Resistance Plug1 - Plug2	> 10 Mohm	100	PASS
4.2.2.2 Test 2 - Resistance Plug1 - Plug3	> 10 Mohm	100	PASS
4.2.2.2 Test 2 - Resistance Plug1 - Plug4	> 10 Mohm	100	PASS
4.2.2.2 Test 2 - Resistance Plug2 - Plug3	> 10 Mohm	100	PASS
4.2.2.2 Test 2 - Resistance Plug2 - Plug4	> 10 Mohm	100	PASS
4.2.2.2 Test 2 - Resistance Plug3 - Plug4	> 10 Mohm	100	PASS
4.2.3 Lightning Protection Devices Test	PASS/FAIL	PASS	PASS
4.3 Functional Test	PASS/FAIL	PASS	PASS
4.4 Optical Performances	-----	-----	
4.4.1 FFP Visual Inspection	PASS/FAIL	PASS	PASS

Approvazione Ente Ispettore QAR Signature	Collaudatore Inspector Lorenzo Pratesi	Data del collaudo Inspection Date 06/06/2019 Esito / Test Result POSITIVE	Visto Qualità Quality Signature Filippo Signorini Data / Date 06/06/2019	Authorization Delivery YES MRB / WR No Authorized By
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TEST REPORT

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Descr. AIR and ELEC ICP A350 B			Test Report N° 29573/19	
Sirio Panel P/N	727-7308/05	Issue 02	Serial Number S14251059	da / from
Customer P/N				a / to
ATP Code	727-7308/05 NE	Issue 01	Date 15/02/2017	
ATR Code	727-7308/05 TR	Issue 02	Date 10/01/2018	

Note

Record the complete code of the Outline Drawing: 727-7308/05 HE01

Code FTE (banco automatico) 728-0451/01

S/N del banco utilizzato: 02

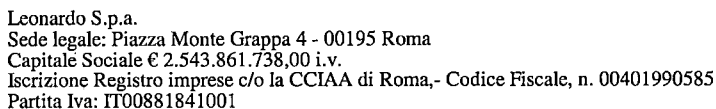
Approvazione Ente Ispettore QAR Signature	Collaudatore Inspector Lorenzo Pratesi	Data del collaudo Inspection Date 06/06/2019	Visto Qualità Quality Signature Filippo Signorini	Authorization Delivery YES
		Esito / Test Result POSITIVE	Data / Date 06/06/2019	MRB / WR No Authorized By

TEST REPORT

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Descr. AIR and ELEC ICP A350 B			Test Report N° 29573/19	
Sirio Panel P/N	727-7308/05	Issue 02	Serial Number	da / from
Customer P/N			S14251059	a / to
ATP Code	727-7308/05 NE	Issue 01	Date	15/02/2017
ATR Code	727-7308/05 TR	Issue 02	Date	10/01/2018
Inventory No Descr. / Model Serial Number Manufacturer				Expire Date
SPOB0032 14086002 BILANCIA DIGITALE MOD.TK6000 Linea L901C-D-H SCA				30/11/2019
SPOMI006 MY41101061 MILLIOHMETRO MOD. HP4338B MIL				30/11/2019
SPOM028 364080 MULTIMETRO DIGITALE MOD.1705 Linea L901C-D-H DMM-4-1/4				30/11/2019

Approvazione Ente Ispettore QAR Signature	Collaudatore Inspector Lorenzo Pratesi	Data del collaudo Inspection Date 06/06/2019	Visto Qualità Quality Signature Filippo Signorini	Authorization Delivery YES MRB / WR No
		Esito / Test Result POSITIVE	Data / Date 06/06/2019	Authorized By



TAM LINHAS AEREAS S/A
RUA GENERAL PANTALEAO TELES, 210
04355-040 JARDIM AEROPORTO, SAO PAULO SP
BR

Spett.le
TAM LINHAS AEREAS S/A
RUA GENERAL PANTALEAO TELES, 210
04355-040 JARDIM AEROPORTO, SAO PAULO SP
BR

P. IVA / VAT Code
C.F. / Tax ID
8000001686

[illegible]



Leonardo S.p.a.
Sede legale: Piazza Monte Grappa 4 - 00195 Roma
Capitale Sociale € 2.543.861.738,00 i.v.
Iscrizione Registro imprese c/o la CCIAA di Roma, - Codice Fiscale, n. 00401990585
Partita Iva: IT00881841001

DESTINATARIO MERCI / DELIVERY ADDRESS:

TAM LINHAS AEREAS S/A
RUA GENERAL PANTALEAO TELES, 210
04355-040 JARDIM AEROPORTO, SAO PAULO SP
BR

Commitente / Customer

Spett.le
TAM LINHAS AEREAS S/A
RUA GENERAL PANTALEAO TELES, 210
04355-040 JARDIM AEROPORTO, SAO PAULO SP
BR

P. IVA / VAT Code
C.F. / Tax ID
8000001686

Fattura Pro-forma / Pro-forma Invoice		Data / Date	WBS Commessa / Project number			Pag. / Page
280000191 - 2021		21.01.2021				2 / 2
POS. Item	DESCRIZIONE Description	QTA Qta	UM UoM	PREZ. UNIT. Unit Price	SCONTO Discount	IMPORTO Amount
	"MATERIAL RETURNED AFTER REPAIR ON PAYMENT" COUNTRY OF ORIGIN: ITALY SIZE: 1 BOX 50 x 40 x 30 Cm. VALUE FOR CUSTOM PURPOSE ONLY VETTORE: EXPEDITORS MANUFACTURING PLANT ===== LEONARDO SPA - Airborne & Space Systems Division Line of Business Commercial Electronics Via della Lama 13 52025 Montevarchi (AR), Italy Defective items, Returns for repair, and any other good shall be returned to the above address against Return Merchandise Authorization (RMA) =====  Un Procurement Speciale Alessandro Gazzola					

IMPORTO AMOUNT	CODICE I.V.A. V.A.T. CODE	ALIQ. I.V.A. V.A.T. RATE	IMPOSTA V.A.T.	TOTALE IMPORTO TOTAL AMOUNT	
44.690,00 USD 36.930,83 EUR		0 %	0,00 USD 0,00 EUR	I.V.A. V.A.T.	0,00
				TOTALE FATTURA TOTAL INVOICE	44.690,00

DOCUMENTO DI TRASPORTO MERCI (Art. 1 comma 3 del D.P.R. 14 Agosto 1996 n. 472 e.art.21 comma 4 del D.P.R. 663/1972 e succ. mod.)



DA/FROM: LoB COMMERCIAL ELECTRONICS
Localita Levaneella Becorpi
Via della Lama, 13
52025 Montevarchi (AR)

DDT / PACKING LIST NR
40041165

DEL/OF
21.01.2021

Fatturare a
Leonardo S.p.A.
Sede legale: Piazza Monte Grappa, 4 - 00195 Roma Cap. Soc. Euro
2.543.861.738,00 i.v.
Iscrizione Reg. imp. c/o CCIAA di Roma - Codice Fiscale
00401990585 - Partita Iva: P.I.: IT 00881841001

CLIENTE DESTINATARIO / CUSTOMER DESIGNEE
TAM LINHAS AEREAS S/A
RUA GENERAL PANTALEAO TELES, 210
JARDIM AEROPORTO, SAO PAULO - SP
04355-040

Destinatario Merci/Shipping Address
TAM LINHAS AEREAS S/A
RUA GENERAL PANTALEAO TELES, 210
JARDIM AEROPORTO, SAO PAULO - SP
04355-040

Causale Spedizione/Scope of Shipment
PAYMENT REPAIR

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Pos Item	Part number Part Number Cliente/Customer	Descrizione/Description Serial number/Collaudato	Um	Qta/Qty	Vs Ord./Your Order Pos/Item Del/Dated Ns. ord./Our order	Rif. Vs. Doc./Ref. Your Doc. Del/Dated
10	727-7308/05 01 727-7308-05 AMDT A	AIR and ELEC ICP A350 B (S14251059)	PZ	1	267973 12.02.2019 6033245	1 CGH1024200 13.02.2019
 LEONARDO Un Procuratore Speciale Alessandro Cazzola						
- FINE DOCUMENTO -						

nr colli/Number of cases 1	Peso lordo/Gross w. 5	Peso netto/Net w. 3,500	Volume	Dimensioni/Dimensions 50*40*30		
aspetto esteriore dei beni - external appearance of goods BOX			Vettore/Carrier EXPEDITORS		Data Partenza/Dept Time Ora/Time	
Trasporto a mezzo/Transport arranged by ☐ mittente ☐ destinatario ☐ vettore ☐ mittente fino al vett.			Incoterms EXW		Firma Conducente/Driver Sign.	Firma Destinatario/Consignee Sign.
2° vettore Note RS1901201		indirizzo		data ora ritiro	firma	
					 Dest.: 30286	 Consegna/ASN: 40041165