

CHINA AIRLINES

TASK CARD

 Print: 11-Sep-2018
 Line No.: 978

Task Card No: 7E31-35-0023_INSTR0		Task Title: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
Revision: R3 02-Apr-2018				
Aircraft: BOEING 747-409F - B-18707				
WORK ORDER NO.: WO - 36849471		Check Event: S3+C12+R8+A12		
AD REFERENCES		ENG/APU	INVENTORY	
CCAA:		ASSY Code:		
FAA :		ASSY POS :		
EASA:		ASSY P/N :		
Other:		ASSY S/N :		
EO REFERENCES		REMARKS		
SB: 2234550-42-COR Ver 0		<input type="checkbox"/> MAJOR	<input type="checkbox"/> CDCCL	<input type="checkbox"/> RII
EO: 744-31-35-0023 Ver 2		<input type="checkbox"/> ETOPS	<input type="checkbox"/> RVSM	<input type="checkbox"/> Sampling
Other: 744-31-35-0013 Ver 1		<input type="checkbox"/> CAT II/III	<input type="checkbox"/> PBN(RNP)	<input type="checkbox"/> EWIS
AMP Reference:		<input type="checkbox"/> Inform Flight Crew <input type="checkbox"/> FIRST ON SITE Support		
		Labor: ERI		
Instructions:		Note: AMP/EO Task Card includes 4 parts: Cover Page, Tools/Materials List, Feedback Sheet & Task Instructions		
1. Aircraft Modification & Electrical checkout. 2. Electrical wiring checkout. 3. WQAR installation and test.				
ROTATEABLE PARTS ON/OFF RECORD				
P/N OFF	S/N OFF	POS CODE	P/N ON	S/N ON
M1	N1	300488	2243800-364	RA01972
Action Taken:				
I.A.W TASK CARD NO: 7E31-35-0023 - INSTR0 R3 INSTALLATION OF WQAR P/N 2243800-364 IN BOEING 747 FAMILY AIRCRAFT AND TEST RESULT NORMAL, WORK ACCOMPLISHED.				
CERTIFIED BY	DATE(MM/DD/YY)		STATION	
	11 / 01 / 18		TPE	

CHINA AIRLINES

640812_202302071500



Tools/Materials List

Line No.: 978

Task Card No: 7E31-35-0023_INSTR0	Task Title: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
Revision: R3			
Aircraft: BOEING 747-409F - B-18707	Check Event: S3+C12+R8+A12		
PARTS REQUIRE:			
PART NO.	DESCRIPTION	REQUEST ID	QTY
Group Part 2234552-003	31_2234552-003 - 98571 (INSTALLATION KIT - WQAR)	RSYC6002BENS	1
Group Part 2243800-364	31-35-02-01A-50A (RECORDER - QUICK ACCESS(POST SB))	RSYC6002J7UE	1
TOOLS REQUIRE:			
PART NO.	DESCRIPTION		
	NIL		

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CHINA AIRLINES 		TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 1 OF 1
AIRCRAFT: 747-409F - B-18707		CHECK EVENT: S3+C12+R8+A12		
FEEDBACK SHEET				
Record the FEEDBACK of this Task below:				
Item	Step	Feedback	Recorded By	RII
1	3.D	Record the result: ON WQAR P/N: <u>2243800-364</u> <u>VOID 2018.10.21</u> ON WQAR S/N: <u>RA07972</u>	 2018-10-21	N/A

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T S 3 R J 0 0 6 L 6 G 2

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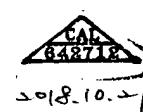
		TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 1 OF 25
		CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			
TASK INSTRUCTION			SIGNOFF	
<p style="text-align: center;"><u>Part 2 : WQAR Installation.</u></p> <p>1. GENERAL</p> <p>A. General</p> <p>(1) Classification: MINOR MODIFICATION</p> <p>(2) Reason:</p> <ul style="list-style-type: none"> a. Background: CAL 744 fleet currently installed PN:1374-200-002 QAR and have experienced MO driver out of function and phase out which resulted in QAR data missing or interruption. b. In order to prevent QAR data missing or interruption situations happened, ME issue this EO to do the WQAR retrofit. <p>(3) Weight & Balance: Yes.</p> <ul style="list-style-type: none"> i. Manufacturers Empty Weight : -3.7 LB ii. Effect on Balance : -1657.6 LB.IN <p>(4) Electrical Load Data: Not Changed.</p> <p>(5) Description:</p> <ul style="list-style-type: none"> i. WQAR PN: 2243800-364 Installation. <p>(6) Inform Flight Crew</p> <ul style="list-style-type: none"> i. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <p>B. Materials Information: WQAR PN : 2243800-364 & Installation Kit PN : 2234552-003. All parts of this EO are stored in AS/AR.</p>			 	
2.TODO INFORMATION: Please see Figure 1.				
3.ACCOMPLISHMENT INSTRUCTION:				
<p>A. Work Instructions – Aircraft Modification & Electrical Checkout</p> <p>(1) Remove electrical power from the aircraft. Tag to prevent inadvertent application of power.</p> <p>(2) P415 Right C/B Panel: Pull out C/B C01926 (Row L, Column 38) ACMS-AC and tag to prevent inadvertent push in.</p> <p>(3) Remove the panels in the cargo compartment to expose E1 Rack.</p> <p style="text-align: center;"><u>Work on E1-5 Shelf (Ref. Figures 2 and 3)</u></p> <p>(4) Route and install wire W4157-901-24</p> <p>From: DB488BA Insert A – H6 (pin)</p> <p>To: DW1514A – A1 (socket) (AR0415, Row A, location 10)</p>				
<p>PARTIAL SIGN OFF STATUS:</p> <p>Step: _____ Completed through: _____ Sign: _____</p> <p>Step: _____ Completed through: _____ Sign: _____</p>				

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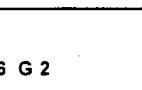
 CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTRU Revision: R3	STATION: TPE	PAGE: 2 OF 25
	CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
TASK INSTRUCTION		SIGNOFF	
<p>(5) Route and install wire W4157-902-24 From: DB488BA Insert A – J6 (pin) To: DW1514A – A2 (socket) (AR0415, Row A, location 10)</p> <p>(6) Route and install wire W4157-903-24 From: DB488BA Insert A – H7 (pin) To: DW1514A – A3 (socket) (AR0415, Row A, location 10)</p> <p>(7) Route and install wire W4157-904-24 From: DB488BA Insert A – D10 (pin) To: DB488BA Insert A – C5 (pin)</p> <p>(8) Route and install wire W4157-905-24 From: DB488BA Insert A – A7 (pin) To: DB488BA Insert A – D12 (pin)</p> <p>(9) Attach label 2234421-18 (286A4157-099) over installed wire bundle with W4157-901-24, W4157-902-24, and W4157-903-24 wires within 4 inches of connector DW1514A</p>		  	
Work on E1-5 AR0415 WIU Disconnect Panel (Figure 3)			
<p>(10) Using the provided 26 AWG wire-wrap wire, wire wrap From: DQ1514 – A1 To: DQ1514 – C8</p> <p>(11) Using the provided 26 AWG wire-wrap wire, wire wrap From: DQ1514 – A2 To: DQ1514 – C9</p> <p>(12) Using the provided 26 AWG wire-wrap wire, wire wrap From: DQ1514 – A3 To: DQ1514 – C15</p>			
Work on E1-3 AR0413 WIU Disconnect Panel (Figure 4)			
<p>(13) Using the provided 26 AWG wire-wrap wire, wire wrap From: DQ1350 – C14 To: DQ1350 – E13</p> <p>(14) Using the provided 26 AWG wire-wrap wire, wire wrap From: DQ1350 – D11 To: DQ1350 – E14</p>			
PARTIAL SIGN OFF STATUS: Step: _____ Completed through: _____ Sign: _____ Step: _____ Completed through: _____ Sign: _____			

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	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 3 OF 25
	CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
TASK INSTRUCTION		SIGNOFF	
(15) Using the provided 26 AWG wire-wrap wire, wire wrap From: DQ1350 – D12 To: DQ1350 – E15		 Wires between AR0415 and AR0413 WIU Disconnect Panels (Figures 3 and 4)	
(16) Install wire W4541-901-24 in connector DW1514C – C8 (socket) (AR0415, Row A, location 12)			
(17) Route the other end of wire W4541-901-24 to DW1350C (AR0413, Row E, location 30), cut wire to the proper length, crimp contact BACC47EG2 (supplied in the bag included with the wire) to the wire and install in connector DW1350C – C14 (socket)			
(18) Install wire W4541-902-24 in connector DW1514C – C9 (socket) (AR0415, Row A, location 12)			
(19) Route the other end of wire W4541-902-24 to DW1350C (AR0413, Row E, location 30), cut wire to the proper length, crimp contact BACC47EG2 (supplied in the bag included with the wire) to the wire and install in connector DW1350C – D11 (socket)			
(20) Install wire W4541-903-24 in connector DW1514C – C15 (socket) (AR0415, Row A, location 12)			
Wires between the E1-3 AR0413 WIU and the P415 AE0418 Disconnect Panels (Figures 4 and 7)			
(21) Route wire W4764-901-24 between DW1350E (AR0413, Row E, location 32) and D40420P (AE0418 Position 28)			
(22) Cut wire W4764-901-24 to proper length on the DW1350E connector end, crimp contact BACC47EG2 (supplied in the bag included with the wire) to the wire and install in connector DW1350E – E13 (socket)			
(23) Cut wire W4764-901-24 to proper length on the D40420P connector end, crimp contact BACC47CP1A (supplied in the bag included with the wire) to the wire and install in connector D40420P – 39 (socket)			
(24) Route wire W4764-902-24 between DW1350E (AR0413, Row E, location 32) and D40420P (AE0418 Position 28)			
(25) Cut wire W4764-902-24 to proper length on the DW1350E connector end, crimp contact BACC47EG2 (supplied in the bag included with the wire) to the wire and install in connector DW1350E – E14 (socket)			
PARTIAL SIGN OFF STATUS:			
Step: _____		Completed through: _____	
Sign: _____			
Step: _____		Completed through: _____	
Sign: _____			

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T S 3 R J 0 0 6 L 6 G 2

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CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTRU	STATION: TPE	PAGE: 4 OF 25
	Revision: R3	CHECK EVENT: S3+C12+R8+A12	
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
TASK INSTRUCTION			SIGNOFF
<p>(26) Cut wire W4764-902-24 to proper length on the D40420P connector end, crimp contact BACC47CP1A (supplied in the bag included with the wire) to the wire and install in connector D40420P – 40 (socket)</p> <p>(27) Route wire W4764-903-24 between DW1350E (AR0413, Row E, location 32) and D40420P (AE0418 Position 28)</p> <p>(28) Cut wire W4764-903-24 to proper length on the DW1350E connector end, crimp contact BACC47EG2 (supplied in the bag included with the wire) to the wire and install in connector DW1350E – E15 (socket)</p> <p>(29) Cut wire W4764-903-24 to proper length on the D40420P connector end, crimp contact BACC47CP1A (supplied in the bag included with the wire) to the wire and install in connector D40420P – 41 (socket)</p>			
<u>Work on P415 and P415-1 Panels (Figures 5, 8 and 9)</u>			
<p>(30) Verify that electrical power is removed from the aircraft. Verify that it has been tagged to prevent inadvertent application of power.</p> <p><u>WARNING: High Voltages are present in the P415/P415-1 panel. Take the necessary precautions to ensure that aircraft electrical power is disconnected and cannot be reconnected inadvertently.</u></p> <p>(31) Partially disassemble the P415/P415-1 panel to expose the relay panel and the ground blocks</p> <p>(32) Install wire W3944-907-22 in connector D41922P – 37 (socket) (AE0420 Position 7)</p> <p>(33) Route other end of wire W3944-907-22 to connector D40420J (AE0418 Position 28), cut wire to the proper length, crimp contact BACC47CN1A (supplied in the bag included with the wire) to the wire and install in D40420J – 39 (pin)</p> <p>(34) Install wire W3944-908-22 in connector D41922P – 38 (socket) (AE0420 Position 7)</p> <p>(35) Route other end of wire W3944-908-22 to connector D40420J (AE0418 Position 28), cut wire to the proper length, crimp contact BACC47CN1A (supplied in the bag included with the wire) to the wire and install in D40420J – 40 (pin)</p> <p>(36) Install wire W3944-909-22 in connector D41922P – 30 (socket) (AE0420 Position 7)</p> <p>(37) Route other end of wire W3944-909-22 to connector D40420J (AE0418 Position 28), cut wire to the proper length, crimp contact BACC47CN1A (supplied in the bag included with the wire) to the wire and install in D40420J – 41 (pin)</p> <p>(38) Install wire W3940-901-22 in connector D41922J – 37 (pin) (AE0420 Position 7)</p>			
PARTIAL SIGN OFF STATUS: Step: _____ Completed through: _____ Sign: _____ Step: _____ Completed through: _____ Sign: _____			



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CHINA AIRLINES		TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 5 OF 25
		CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			
TASK INSTRUCTION			SIGNOFF	
<p>(39) Route other end of wire W3940-901-22 to relay socket DR228, cut wire to the proper length, crimp contact BACC47ER1 (supplied in the bag included with the wire) to the wire and install in relay socket DR228 – 13 (socket)</p> <p>(40) Install wire W3940-902-22 in relay socket DR228 – 1 (socket)</p> <p>(41) Route other end of wire W3940-902-22 to ground block GDX2, cut wire to the proper length, crimp contact BACC47DE4A (supplied in the bag included with the wire) to the wire and install in ground block GDX2 (any unused position)</p> <p>(42) Install wire W3940-903-22 in connector D41922J – 38 (pin) (AE0420 Position 7)</p> <p>(43) Route other end of wire W3940-903-22 to relay socket DR7335, cut wire to the proper length, crimp contact BACC47ER1 (supplied in the bag included with the wire) to the wire and install in relay socket DR7335 – 9 (socket)</p> <p>(44) Install wire W3940-904-22 in relay socket DR7335 – 11 (socket)</p> <p>(45) Route other end of wire W3940-904-22 to ground block GDX2, cut wire to the proper length, crimp contact BACC47DE4A (supplied in the bag included with the wire) to the wire and install in ground block GDX2 (any unused position)</p> <p>(46) Install wire W3940-905-22 in connector D41922J – 30 (pin) (AE0420 Position 7)</p> <p>(47) Route other end of wire W3940-905-22 to relay socket DR7358, cut wire to the proper length, crimp contact M39029/22-192 (supplied in the bag included with the wire) to the wire and install in relay socket DR7358 – B1(socket)</p> <p>(48) Install wire W3940-906-22 in relay socket DR7358 – B2 (socket)</p> <p>(49) Route other end of wire W3940-906-22 to ground block GDX1, cut wire to the proper length, crimp contact BACC47DE4A (supplied in the bag included with the wire) to the wire and install in ground block GDX1 (any unused position)</p> <p>(50) Secure all installed wires and removed connectors to their respective wire bundles</p> <p>(51) Remove installation tools & excess material from the aircraft</p> <p>Note: The installation kit may contain extra items (e.g. wires, contacts, fasteners etc.) that are not used in this installation. Return these extra items to store or discard.</p> <p>(52) Return the aircraft to normal operating conditions</p>				

PARTIAL SIGN OFF STATUS:

Step: _____ Completed through: _____ Sign: _____
 Step: _____ Completed through: _____ Sign: _____

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T S 3 R J 0 0 6 L 6 G 2

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 CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTRU Revision: R3	STATION: TPE	PAGE: 6 OF 25	
	CHECK EVENT: S3+C12+R8+A12			
AIRCRAFT: 747-40F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			
TASK INSTRUCTION			SIGNOFF	
<p>B. Electrical Wiring Checkout</p> <p>Perform electrical checkout of wiring per Figure 11. wiring diagram and using the instructions provided in below table. Record the result of wiring checkout on the table.</p> <p>Before aircraft power was removed, the cockpit Fuel Control Panel Engine 4 fuel control switch had to be in CUTOFF position (Figure 10) or test Step 4 below will fail.</p> <p><u>WARNING: High Voltages may be present in the P415 panel. Take the necessary precautions to make sure that aircraft electrical power is disconnected and cannot be reconnected inadvertently.</u></p>				
Step	From	To	Expected Result	
1	DB488BA Insert A – H6	Aircraft Chassis	Short	PASS
2	DB488BA Insert A – J6	Aircraft Chassis	Short	PASS
3	DB488BA Insert A – H7	Aircraft Chassis	Short	PASS
4	DB488BA Insert A – D10	DB488BA Insert A – C5	Short	PASS
5	DB488BA Insert A – A7	DB488BA Insert A – D12	Short	PASS
6	DB488BA Insert A – D10	Aircraft Chassis	Open	PASS
7	DB488BA Insert A – A7	Aircraft Chassis	Open	PASS
8	Reference: Figure 9 Disengage relay R228 from its connector DR228 by removing the relay or disconnecting the cable/connector from the relay			DONE
9	DB488BA Insert A – H6	Aircraft Chassis	Open	PASS
10	Reference: Figure 9 Reconnect relay R228 with its connector DR228 by installing the relay or connecting the cable/connector to the relay assembly			DONE
11	DB488BA Insert A – H6	Aircraft Chassis	Short	PASS
PARTIAL SIGN OFF STATUS:				
Step:	Completed through:		Sign:	
Step:	Completed through:		Sign:	

QP08MN082F5

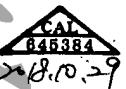


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 CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 7 OF 25
	CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		

TASK INSTRUCTION		SIGNOFF																																										
C. Work Instructions – WQAR Installation & Test <p>Please use the instructions provided in below table to do the WQAR installation & test. Record the result of test on the table.</p> <table border="1"> <thead> <tr> <th>Step</th> <th>Procedure</th> <th>Pass (Complete) / Fail</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Verify that electrical power is removed from the aircraft and it is tagged to prevent inadvertent application of power.</td> <td>PASS</td> </tr> <tr> <td>2</td> <td>Before proceeding with the following work instructions, the aircraft must already be in its normal configuration.</td> <td>PASS</td> </tr> <tr> <td>3</td> <td>Pull out and safety tag the QAR C/B, P415 Right C/B Panel, L38, C01926 (ACMSAC) (Reference: Figure 6)</td> <td>PASS</td> </tr> <tr> <td>4</td> <td>Clean the B488 QAR tray in E1-5 shelf. Remove all air plugs from the tray to open all air cooling holes of the tray. If installed, remove the dust cover from the ARINC 600 connector installed on the B488 tray.</td> <td>PASS</td> </tr> <tr> <td>5</td> <td>Remove the ARINC 600 dust cover from the WQAR to be installed. Install and secure the WQAR in the E1-5 Shelf B488 tray location.</td> <td>PASS</td> </tr> <tr> <td>6</td> <td>Remove safety tag and push in the WQAR C/B, P415 Right C/B Panel, L38, C01926 (ACMS-AC).</td> <td>PASS</td> </tr> <tr> <td>7</td> <td>Apply power to the aircraft.</td> <td>PASS</td> </tr> <tr> <td>8</td> <td>Set Override Run Control to Run Control Off Mode</td> <td>N/A</td> </tr> <tr> <td>9</td> <td>Pressed MODE Button, After pressing MODE, display will show SYSTEM STATE.</td> <td>PASS</td> </tr> <tr> <td>10</td> <td>Pressed + or – Buttons, Press + or – button repeatedly until display shows: UNIT INFO.</td> <td>PASS</td> </tr> <tr> <td>11</td> <td>Pressed SEL Button, After pressing SEL, display will show DATE/TIME.</td> <td>PASS</td> </tr> <tr> <td>12</td> <td>Pressed + Button, Press + button repeatedly until display shows: SET RUN CONTROL OVERRIDE.</td> <td>PASS</td> </tr> <tr> <td>13</td> <td>Pressed SEL Button, After pressing SEL, display will show the first of four Run Control modes: Use All Config Note : The four modes list as below.</td> <td>PASS</td> </tr> </tbody> </table>			Step	Procedure	Pass (Complete) / Fail	1	Verify that electrical power is removed from the aircraft and it is tagged to prevent inadvertent application of power.	PASS	2	Before proceeding with the following work instructions, the aircraft must already be in its normal configuration.	PASS	3	Pull out and safety tag the QAR C/B, P415 Right C/B Panel, L38, C01926 (ACMSAC) (Reference: Figure 6)	PASS	4	Clean the B488 QAR tray in E1-5 shelf. Remove all air plugs from the tray to open all air cooling holes of the tray. If installed, remove the dust cover from the ARINC 600 connector installed on the B488 tray.	PASS	5	Remove the ARINC 600 dust cover from the WQAR to be installed. Install and secure the WQAR in the E1-5 Shelf B488 tray location.	PASS	6	Remove safety tag and push in the WQAR C/B, P415 Right C/B Panel, L38, C01926 (ACMS-AC).	PASS	7	Apply power to the aircraft.	PASS	8	Set Override Run Control to Run Control Off Mode	N/A	9	Pressed MODE Button, After pressing MODE, display will show SYSTEM STATE.	PASS	10	Pressed + or – Buttons, Press + or – button repeatedly until display shows: UNIT INFO.	PASS	11	Pressed SEL Button, After pressing SEL, display will show DATE/TIME.	PASS	12	Pressed + Button, Press + button repeatedly until display shows: SET RUN CONTROL OVERRIDE.	PASS	13	Pressed SEL Button, After pressing SEL, display will show the first of four Run Control modes: Use All Config Note : The four modes list as below.	PASS
Step	Procedure	Pass (Complete) / Fail																																										
1	Verify that electrical power is removed from the aircraft and it is tagged to prevent inadvertent application of power.	PASS																																										
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7	Apply power to the aircraft.	PASS																																										
8	Set Override Run Control to Run Control Off Mode	N/A																																										
9	Pressed MODE Button, After pressing MODE, display will show SYSTEM STATE.	PASS																																										
10	Pressed + or – Buttons, Press + or – button repeatedly until display shows: UNIT INFO.	PASS																																										
11	Pressed SEL Button, After pressing SEL, display will show DATE/TIME.	PASS																																										
12	Pressed + Button, Press + button repeatedly until display shows: SET RUN CONTROL OVERRIDE.	PASS																																										
13	Pressed SEL Button, After pressing SEL, display will show the first of four Run Control modes: Use All Config Note : The four modes list as below.	PASS																																										



2018.10.29

PARTIAL SIGN OFF STATUS:			
Step:	Completed through:	Sign:	_____
Step:	Completed through:	Sign:	_____

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T S 3 R J 0 0 6 L 6 G 2

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		TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 8 OF 25
AIRCRAFT: 747-409F - B-18707		TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
TASK INSTRUCTION				SIGNOFF
	Mode <input type="checkbox"/> Use All Config	All Value N/A	Description WQAR will operate in accordance with the OPC. (Default)	<i>PASS</i>
	<input type="checkbox"/> Run Control Off	0	WQAR will operate as if the Run Control feature is not used.	
	<input type="checkbox"/> Run Control On	1	WQAR will operate as if the Run Control feature is used.	
	<input type="checkbox"/> Record In Air	2	WQAR will operate Run Control in response to RF Interlock status.	
14	Pressed + or – Buttons, Press the + and – buttons to advance through all four modes until the Run Control off mode is displayed.			<i>PASS</i>
15	Pressed SEL Button, Press SEL button to select the Run Control off mode. Display will show: + To Confirm MODE to Cancel The MODE button cancels this operation.			<i>PASS</i>
16	Pressed + Button, After pressing +, display will momentarily show: SYSTEM WILL NOW REBOOT The WQAR will reboot and will operate as configured.			<i>PASS</i>
17	WQAR Health Check, Configuration and RF Interlock Tests			N/A <small>CAB 646384 202302071500</small>
18	Verify that the WQAR front panel FAIL LED is extinguished (turned OFF) after unit boot is complete.			<i>PASS</i>
19	Press the + MODE key and then press the + key and verify that UNIT INFO is displayed.			<i>PASS</i>
20	Press the SEL key and then press the + key repeatedly until S/W VERSION is displayed.			<i>PASS</i>
21	Press the SEL key.			<i>PASS</i>
22	Press the + or – key to scroll through the WQAR software components and ensure that they are correctly installed. If the software components are not correctly installed, update these software components in the WQAR by performing Teledyne Service Bulletin SB2243800-31-27.			<i>PASS</i>
23	Press the MODE key twice and then press the + key and verify that ADVISORIES is displayed.			<i>PASS</i>
24	Press SEL key and verify that the display indicates NO ADVISORIES.			<i>PASS</i>
25	Press the MODE key and verify that ADVISORIES is displayed.			<i>PASS</i>
26	Press the + key repeatedly until STATUS is displayed.			<i>PASS</i>
27	Press SEL key to display ACQUISITION.			<i>PASS</i>
PARTIAL SIGN OFF STATUS: Step: _____ Completed through: _____ Sign: _____ Step: _____ Completed through: _____ Sign: _____				

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CHINA AIRLINES		TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 9 OF 25
		CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			
TASK INSTRUCTION				SIGNOFF
28	Press SEL key to display RAW.	PASS		
29	Press the + key repeatedly until SOURCE is displayed.	PASS		
30	Press SEL key and verify that BIPOLEAR is displayed.	PASS		
31	Press MODE key repeatedly until STATUS is displayed.	PASS		
32	Press + key repeatedly until SYSTEM STATE is displayed.	PASS		
33	Press SEL to view the system state.	PASS		
34	With the Engine 4 Fuel Control Switch in the CUTOFF position and the aircraft on the ground (Air/Ground indicating Ground), verify that the WQAR display's 2 nd line right side displays: IOff (Reference: Figure 10) Note: It may take up to 6 minutes before IOn changes to IOff .	PASS		
35	Put the Engine 4 Fuel Control Switch in the RUN position.	PASS		
36	Verify that the right side of the second line of WQAR front panel display has changed to: IOn	PASS		
37	Put the Engine 4 Fuel Control Switch in the CUTOFF position.	PASS		
38	Verify that the right side of the second line of WQAR front panel display has changed to: IOff Note: It may take up to 6 minutes before IOn changes to IOff .	PASS		
39	Simulate the aircraft "AIR/GROUND" to indicate "AIR" state. Note: Precaution should be taken before the aircraft is put in the "AIR" state. Use the Aircraft Maintenance Manual (AMM) to: First prepare the aircraft for going to the "AIR" state by performing AMM procedure place the Airplane in the Air Mode, TASK 32-09-02-842-002	PASS		
40	Verify that the right side of the second line of WQAR front panel display has changed to: IOn	PASS		
41	Restore the aircraft "AIR/GROUND" state to indicate "Ground" state. Note: Use the Aircraft Maintenance Manual (AMM) to: Restore the aircraft to its normal on ground condition by performing AMM procedure to return the Airplane Systems Back to Their Normal On Ground Condition, TASK 32-09-02-862-006.	PASS		
42	Verify that the right side of the second line of WQAR front panel display has changed to: IOff	PASS		
PARTIAL SIGN OFF STATUS:				
Step: _____	Completed through: _____	Sign: _____		
Step: _____	Completed through: _____	Sign: _____		

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T S 3 R J 0 0 6 L 6 G 2

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CHINA AIRLINES		TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 10 OF 25
		CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-40F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			
TASK INSTRUCTION				SIGNOFF
	NOTE: It may take up to 6 minutes before Ion changes to Ioff .			PASS
43	Radio Test: Notes: <ol style="list-style-type: none"> If the unit is a PQAR with no radios, the Radio Test is not applicable. In that case, put N/A for Steps 34 thru 48 and skip to Step 49. The Radio Test is only applicable if the aircraft is located in a country and in a location that the WQAR radios have subscription and can register with the mobile network. There also has to be sufficient mobile signal strength. If this is not the case, the Radio Test is not applicable. In this case, put N/A for Steps 34 thru 48 and skip to Step 49 of this procedure. <p>To conduct the Radio Test, proceed with the following Steps:</p>			PASS
44	Verify that the Engine 4 Fuel Control Switch in the CUTOFF position and the aircraft is On the Ground by checking that the WQAR display 2 nd row, right side, displays: Ioff Note: It may take up to 6 minutes before Ion changes to Ioff .			PASS CAT 845384 2018UD.29
45	Press the MODE key to return to SYSTEM STATE menu.			PASS
46	Press the + key repeatedly until DIAGNOSTICS is displayed.			PASS
47	Press SEL and then press the + key until DOWNLOAD TEST is displayed.			PASS
48	Press SEL and TEST FILE is displayed.			PASS
49	Press SEL and then press + key repeatedly (if necessary) until 128MB is displayed.			PASS
50	Press SEL to initiate the download test. ✓			PASS
51	Press MODE key repeatedly until DIAGNOSTICS is displayed.			PASS
52	Press the + key repeatedly until STATUS is displayed.			PASS
53	Press SEL and then press the + key repeatedly until WIRELESS is displayed.			PASS
54	Press SEL and then press the + key repeatedly until RADIO STATUS is displayed.			PASS
55	Press SEL and the display will show the following depending on the number of radios installed on the			PASS

PARTIAL SIGN OFF STATUS:

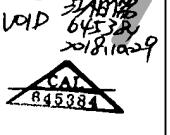
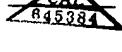
Step: _____ Completed through: _____ Sign: _____
Step: _____ Completed through: _____ Sign: _____

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		TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 11 OF 25								
		CHECK EVENT: S3+C12+R8+A12										
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.											
TASK INSTRUCTION			SIGNOFF									
<p>WQAR unit.: 1: S 2: S 3: S 4: S SL SL SL SL NOTE: SL = Signal Level (01 to 31) S = Radio Connection Stage 0 – Radio is not connected to the cellular network 1 – Radio is connected to a local cellular network 2 – Radio is connected to the internet 3 – Radio is connected to the Teledyne Base Station NOTE: The WQAR will only display the status of radios that are installed in the unit. The example display above is for a WQAR with 4 radios installed.</p>			  PASS									
56	<p>Wait until the displayed signal level for each configured radio is a value between 01 and 32 (inclusive). Record the observed signal level below for each configured radio (record the higher observed signal level):</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>1</td> <td>8</td> <td>0</td> <td>0</td> </tr> </table> <p>If this test is not successful after a few minutes of waiting, repeat the test several times before Failing the test. As long as each radio has had a value of 01 or higher in any of the tests, this test has passed.</p> <p>To repeat this test: Press the MODE key until RADIO STATUS is displayed. Press the SEL key to repeat this test. Note: For this test step to be successful;</p> <ul style="list-style-type: none"> a. The aircraft has to be in a location where handheld mobiles have reasonable signal levels. b. The SIM cards (mobile subscriptions) have Roaming service if the WQAR installation is being performed outside the country with the mobile subscription. <p>If the above conditions cannot be met, put N/A in the Pass/Fail column and proceed to the next test Step.</p> <p>NOTE: The WQAR will only display the status of radios that are installed in the unit. The example display above is for a WQAR with 4 radios installed.</p>			1	2	3	4	1	8	0	0	  PASS
1	2	3	4									
1	8	0	0									
57	Press the MODE key until STATUS is displayed.			PASS								
58	<p>Entry of Aircraft Registration Number</p> <p>Notes:</p> <p>This step is only applicable if the airline requires the downloads from the aircraft to be arranged based on</p>			PASS								
<p>PARTIAL SIGN OFF STATUS:</p> <p>Step: _____ Completed through: _____ Sign: _____</p> <p>Step: _____ Completed through: _____ Sign: _____</p>												

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T S 3 R J 0 0 6 L 6 G 2

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 CHINA AIRLINES		TASK CARD NO: 7E31-35-0023_INSTRU Revision: R3	STATION: TPE	PAGE: 12 OF 25
		CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			
TASK INSTRUCTION				SIGNOFF
	<p>the aircraft registration numbers. This is typically the case. If this is not the case, this step is not applicable; put N/A for Steps 49 to 71 and skip to Step 72.</p> <p>Note: The tail number format must be B18xxx, no “-“ between B and numbers. Proper capitalization should be used. Proceed to the next Steps to enter the Registration Number:</p>			PASS
59	Press the MODE key to make sure you are in the main menu.			PASS
60	Press the + key repeatedly until UNIT INFO is displayed.			PASS
61	Press the SEL key and then press the + key repeatedly until UPDATE TAIL NUMBER is displayed.			PASS
62	Press the SEL key. The display will be blank or show the current tail number. If the displayed value matches this aircraft registration number, the configuration is correct. Check mark the Pass/Fail entry for Steps 63 thru 80 as N/A and skip to Step 81. If the displayed value does not match this aircraft registration number, registration number has to be entered. Check mark the Pass/Fail entry as Pass and continue with the next step of this procedure.			PASS
63	Press the SEL key. The cursor on the first character of the aircraft tail number will flash.			PASS
64	Press the + or – keys repeatedly until the first character of the aircraft tail number is set and then press the SEL key. The cursor will display again.			PASS
65	Press the + key to move to the next character and then press the SEL key.			PASS
66	Press the + or – keys repeatedly until this character of the aircraft tail number is set and then press the SEL key. The cursor will display again.			PASS
67	Repeat Steps 65 and 66 until all characters of the aircraft registration number have been entered and then proceed to Step 68.			PASS
68	If there are any characters displayed after the last entered character of the aircraft registration number, press the +			PASS
PARTIAL SIGN OFF STATUS:				
Step:	Completed through:			Sign:
Step:	Completed through:			Sign:



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 CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 13 OF 25
	CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		

TASK INSTRUCTION		SIGNOFF
	key to move to the next character and then press the SEL key. Press the + and/or – keys repeatedly until the character is <Blank> and then press the SEL key. All characters after this character will be removed. If there are no characters displayed after the last entered character, put N/A for this step and proceed to the next step in this procedure.	PASS
69	Press the MODE key repeatedly until the front panel displays: L1> + Confirm Update L2> - Discard Update	PASS
70	Press the + key to confirm the tail number change.	PASS
71	The WQAR will now reboot automatically. ✓	PASS
72	Wait (about 1 minute) for the reboot to complete and the System State display is shown.	PASS
73	Verify that the front Panel FAIL LED is extinguished.	PASS
74	Press the MODE key to go to the main menu.	PASS
75	Press the + key repeatedly until UNIT INFO is displayed.	PASS
76	Press the SEL key and then press the + key repeatedly until UPDATE TAIL NUMBER is displayed.	PASS
77	Press the SEL key.	PASS
78	Verify that the correct aircraft registration number is displayed and enter in the space provide below: Aircraft Registration Number: <u>B18707</u>	PASS
79	Press the MODE key repeatedly until UNIT INFO is displayed and then press the – key until SYSTEM STATE is displayed.	PASS
80	Press the SEL key to display the system state.	PASS
81	Recording Test	N/A
82	Press the WQAR MODE key repeatedly to return to the main menu.	PASS
83	Press the + key repeatedly until SYSTEM STATE is displayed.	PASS
84	Press the SEL key to see the system state.	PASS
85	On the CDU front panel, start WQAR raw data recording by changing QAR SELECT ON to indicate QAR ON under the ACMS menu.	PASS
86	Wait for the top line of WQAR front panel to display: RAW or RAWIN START:SYNC IN: [display may be scrolling] Observe that the message does not change for	PASS

PARTIAL SIGN OFF STATUS:		
Step: _____	Completed through: _____	Sign: _____
Step: _____	Completed through: _____	Sign: _____

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CHINA AIRLINES		TASK CARD NO:	STATION:	PAGE: 14 OF 25
		7E31-35-0023_INSTRU Revision: R3	CHECK EVENT: S3+C12+R8+A12	
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			
TASK INSTRUCTION			SIGNOFF	
approximate 2 minutes.			PASS	
87 Press MODE key repeatedly until STATUS is displayed.			PASS	
88 Press SEL key to display ACQUISITION.			PASS	
89 Press SEL key to display RAW.			PASS	
90 Press the + key once to display RATE.			PASS	
91 For MSN 33734-33737 only: Press SEL and verify that 512 WPS is displayed. For MSN 30759 30763-30771 33729 33731-33733 33738-33739 34265-34266 only: Press SEL and verify that 256 WPS is displayed. Note: If the DMU data rate is different, then denote the DMU Rate here and verify that the same Recording Rate is displayed by the WQAR: Rate: >56 wps			PASS	
92 On the CDU front panel, stop WQAR raw data recording by changing QAR SELECT ON to indicate QAR OFF under the ACMS menu.			PASS	
93 WQAR Installation and Test Procedure is Complete.			PASS	
D. Record the WQAR PN & SN on the feedback sheet.				
E. PCC (1) Please copy or scan all of this JIC and send or mail to ME_AV for recording. cheng-wei.lin@china-airlines.com				
*** END OF WORK STEPS / NO FURTHER SIGNOFFS REQUIRED ***				
PARTIAL SIGN OFF STATUS:				
Step: _____	Completed through: _____	Sign: _____		
Step: _____	Completed through: _____	Sign: _____		

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 CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 15 OF 25
		CHECK EVENT: S3+C12+R8+A12	

AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
FIGURE			

Contact Part Number	Contact Insertion (For alternate see reference SWPM Section, Paragraph)	Removal Tool (For alternate see reference SWPM Section, Paragraph)	Contact Crimp Tool / Crimp Tool Positioner (For alternate Crimp Tool / Crimp Tool Positioner, see reference SWPM Section, Paragraph)
BACC47EF1	M81969/1-01 (20-71-11,7.A)	M81969/1-01 (20-71-11,4.A)	M22520/2-01 / M22520/2-23 (20-71-11,5.A)
BACC47EG2	M81969/1-02 (20-71-11,7.A)	M81969/1-02 (20-71-11,4.A)	M22520/2-01 / M22520/2-23 (20-71-11,5.A)
BACC47CP1A	M81969/17-03 (20-61-11,11.A)	M81969/19-06 (20-61-11,6.C)	M22520/2-01 / M22520/2-02 (20-61-11,8.A)
BACC47CN1A	M81969/17-03 (20-61-11,11.A)	M81969/19-06 (20-61-11,6.C)	M22520/2-01 / M22520/2-02 (20-61-11,8.A)
BACC47ER1	M83723/31-20 (20-81-19,4.B)	M83723/31-20 (20-81-19,2.A)	M22520/1-01 / M22520/1-04 (20-81-19,3.A)
BACC47DE4A	ST2220-3-34A-1 (20-20-11,3.C)	ST2220-3-34A-1/ ST2220-3-34A-3 (20-20-11,2.A)	11210 / 612245 (20-20-11,3.B)
M39029/22-192	M81969/14-02 (20-15-49,24.B) Color Code: Orange/White	M81969/14-02 (20-15-49,3.A) Color Code: White	M22520/7-01/ M22520/7-12 (20-15-49,4.A)

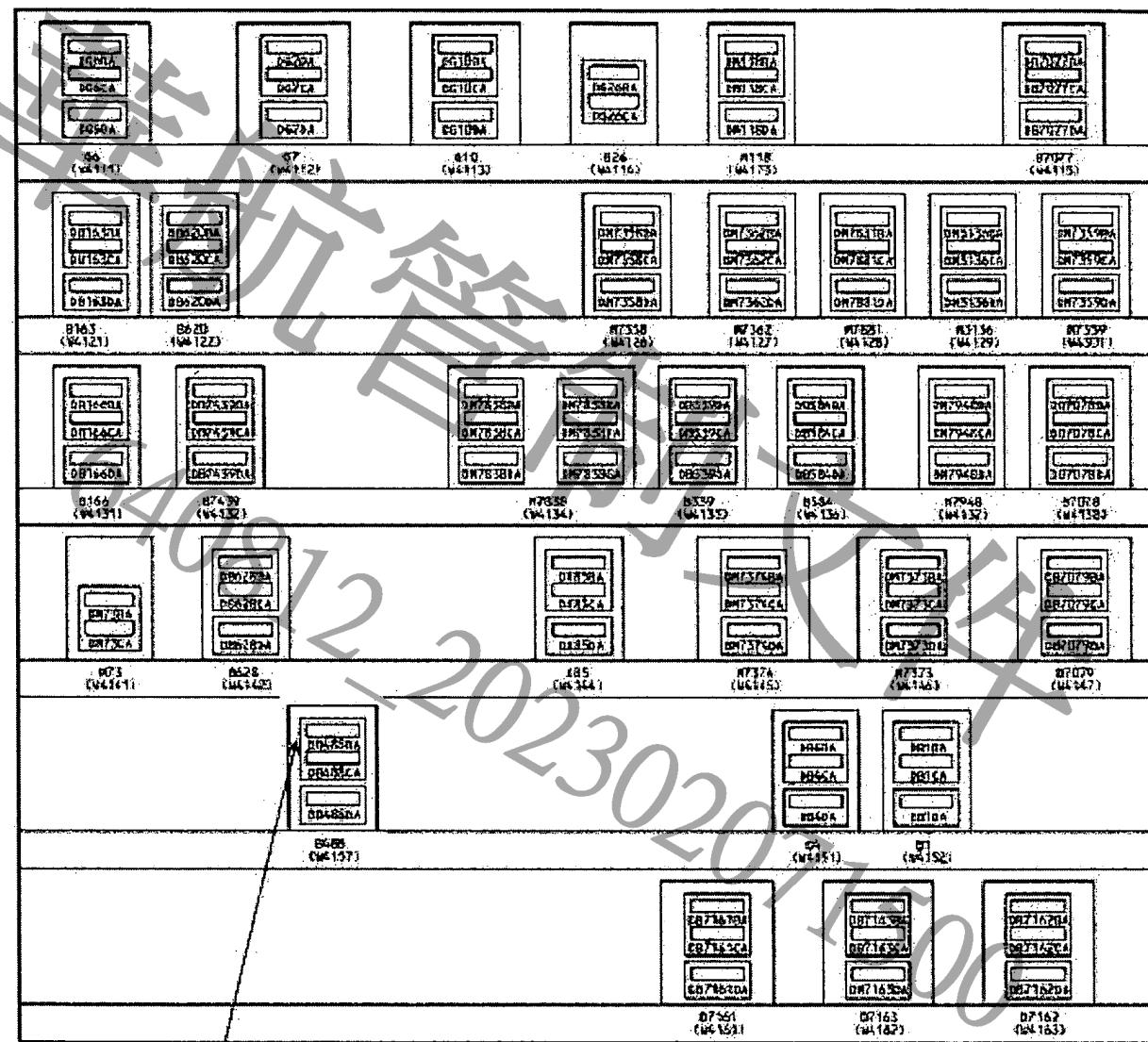
Figure 1 Tool Information.

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CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 16 OF 25
	CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		

FIGURE**REAR VIEW**

WOAR
E1-5 Shelf

Figure 2. WQAR Location – E1-5 Shelf, E&E Bay

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CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 17 OF 25
	CHECK EVENT: S3+C12+R8+A12		
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
FIGURE			

Figure 3.

AR0415 WIU Disconnect Panel – E1-5, E&E Bay

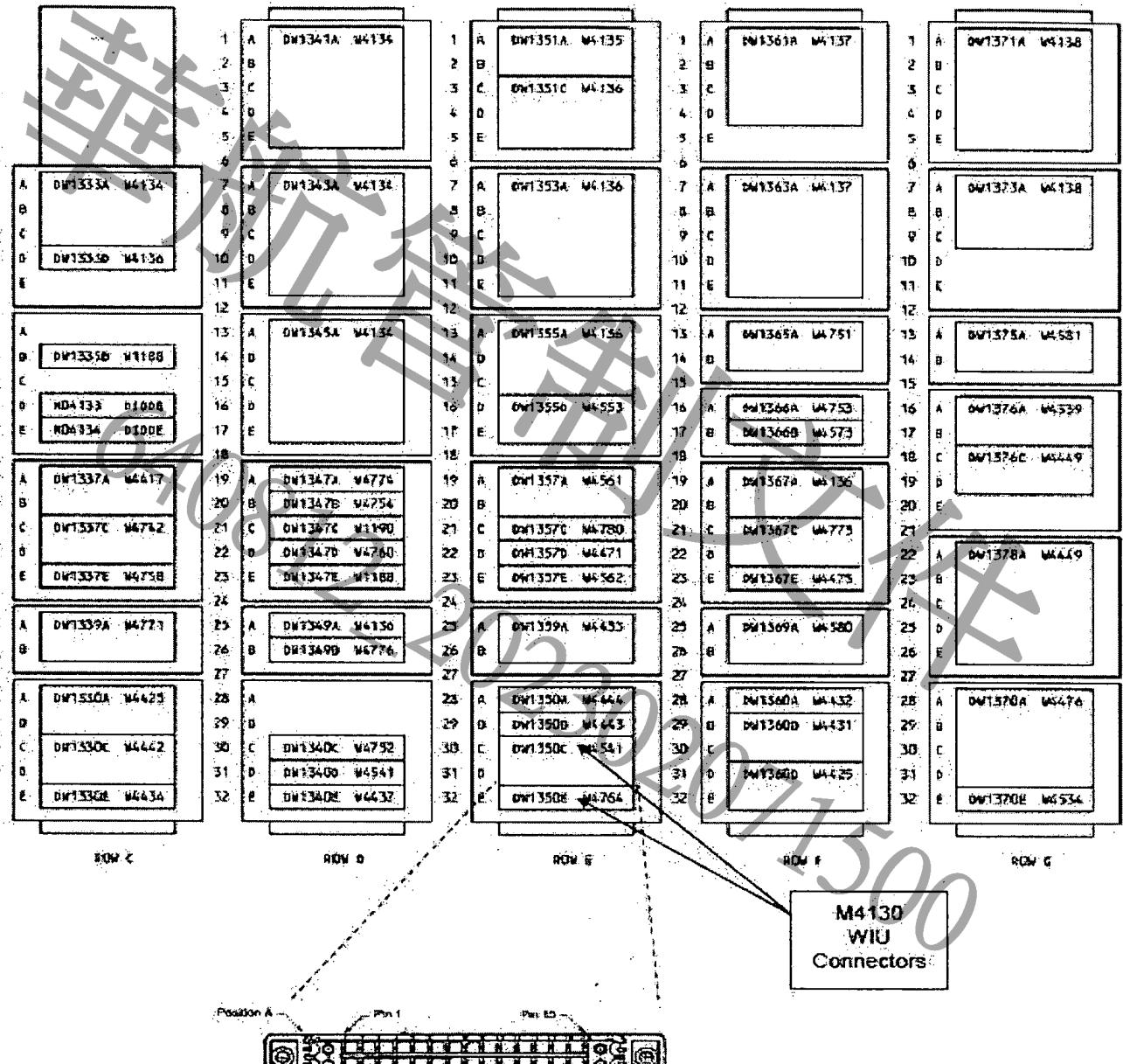
NOTE: Other installed connectors may vary.

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		TASK CARD NO: 7E31-35-0023_INSTR0	STATION: TPE	PAGE: 18 OF 25
		Revision: R3	CHECK EVENT: S3+C12+R8+A12	
AIRCRAFT: 747-40F - B-18707		TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		
FIGURE				
				
<p>Figure 4. AR0413 WIU Disconnect Panel – E1-3, E&E Bay NOTE: Other installed connectors may vary.</p>				

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CHINA AIRLINES 	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 19 OF 25
	CHECK EVENT: S3+C12+R8+A12		

AIRCRAFT: 747-409F - B-18707 **TASK TITLE:** INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.

FIGURE

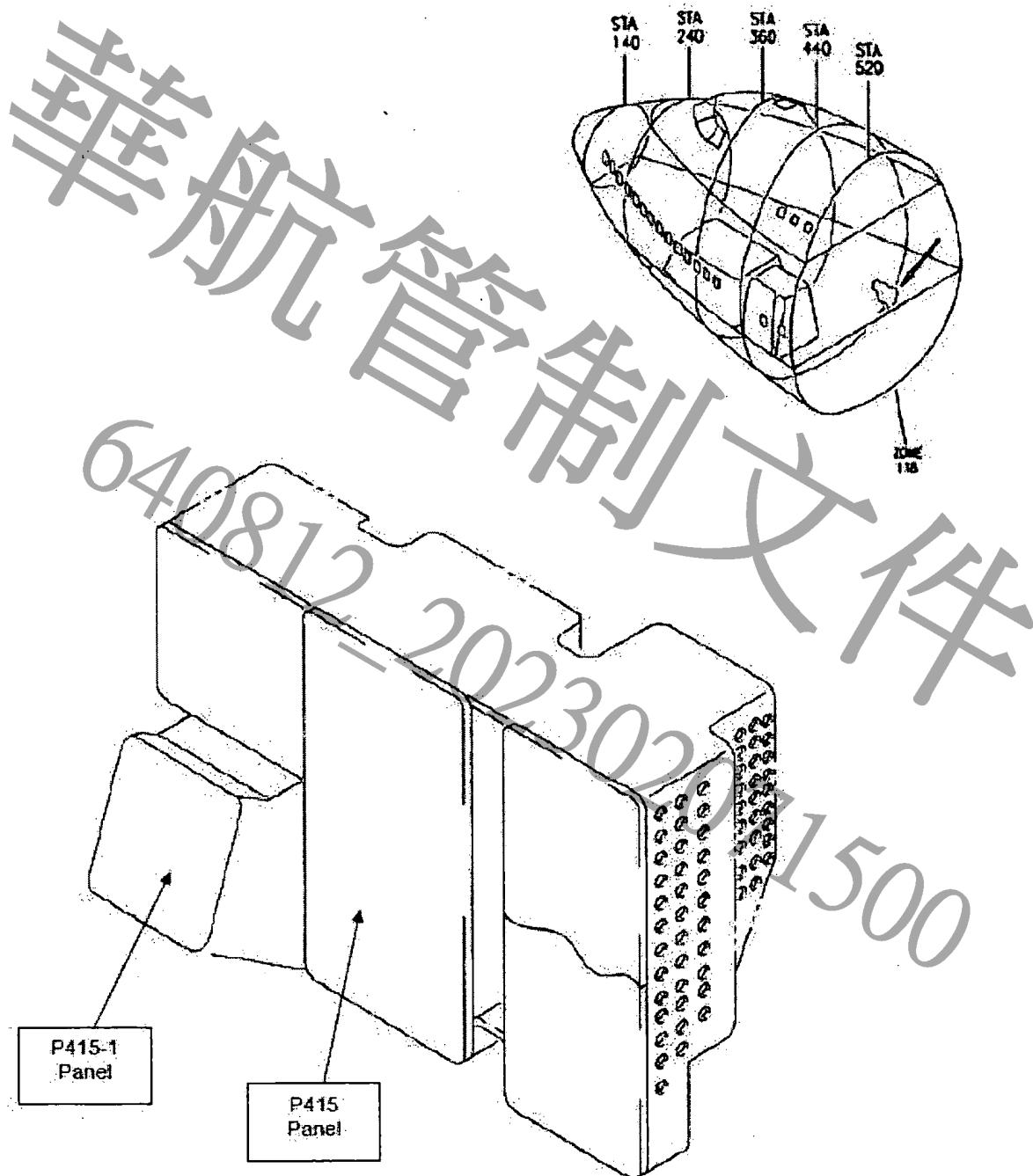


Figure 5.

Power Distribution Center Right – P415 / P415-1 Panels

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CHINA AIRLINES 	TASK CARD NO: 7E31-35-0023_INSTRU Revision: R3	STATION: TPE PAGE: 20 OF 25
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.	

FIGURE

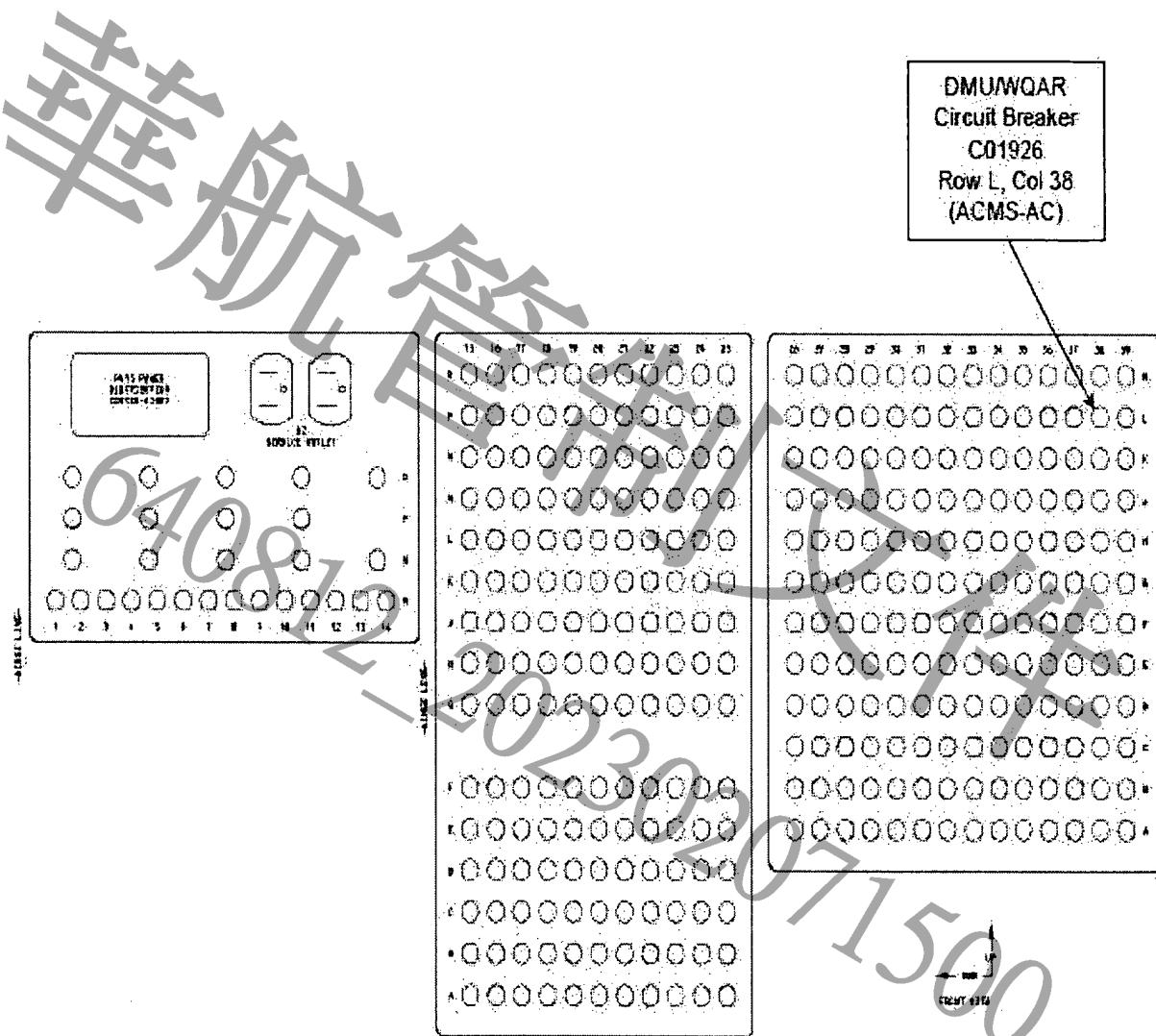


Figure 6.
Circuit Breakers – P415 Panel

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CHINA AIRLINES	TASK CARD NO:	STATION:	PAGE: 21 OF 25
	7E31-35-0023_INSTR0 Revision: R3	CHECK EVENT: S3+C12+R8+A12	
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		

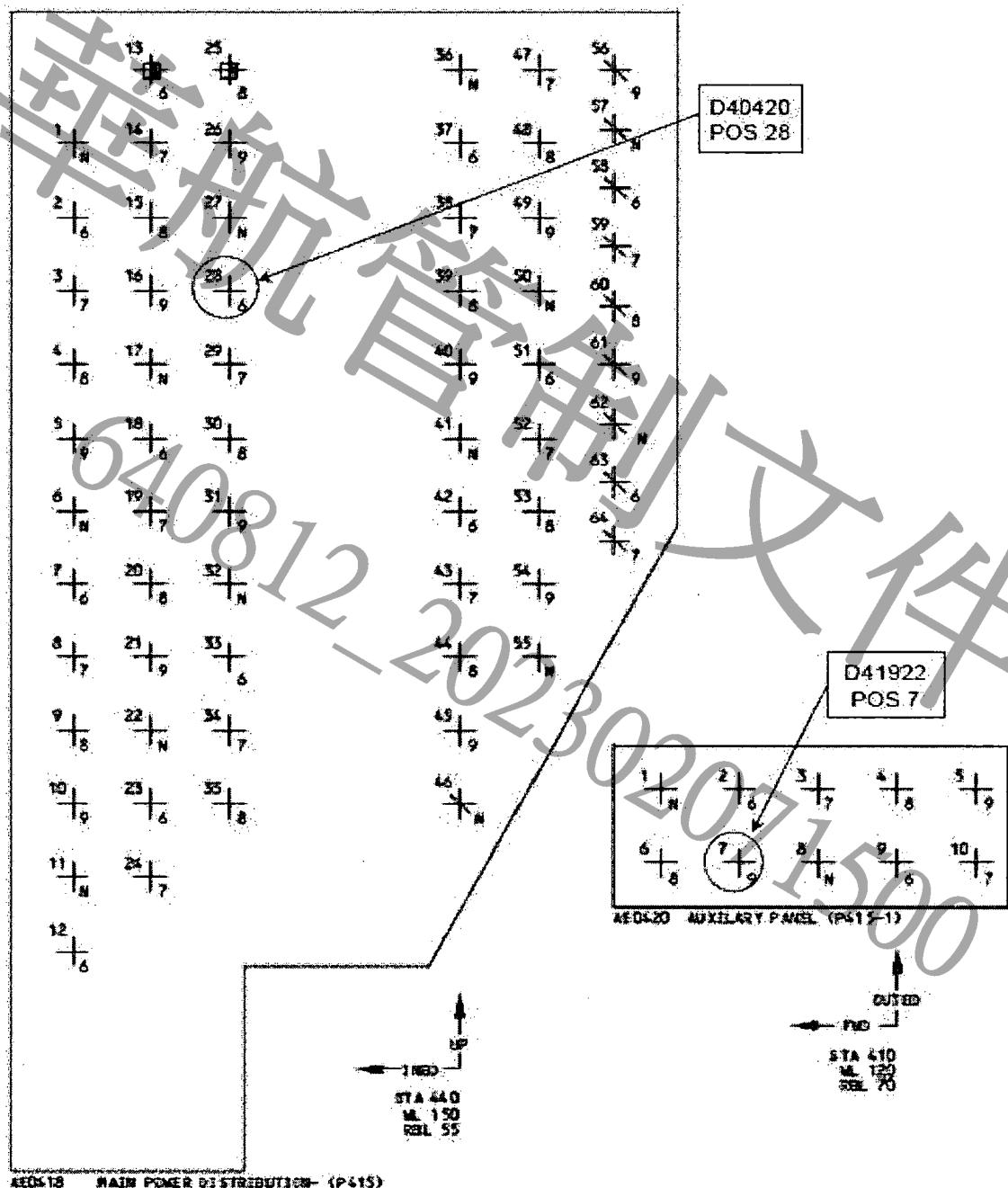
FIGURE

Figure 7. AE0418/AE0420 Disconnect Panel Connectors

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CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 22 OF 25
		CHECK EVENT: S3+C12+R8+A12	

AIRCRAFT:
747-409F - B-18707

TASK TITLE:
INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.

FIGURE

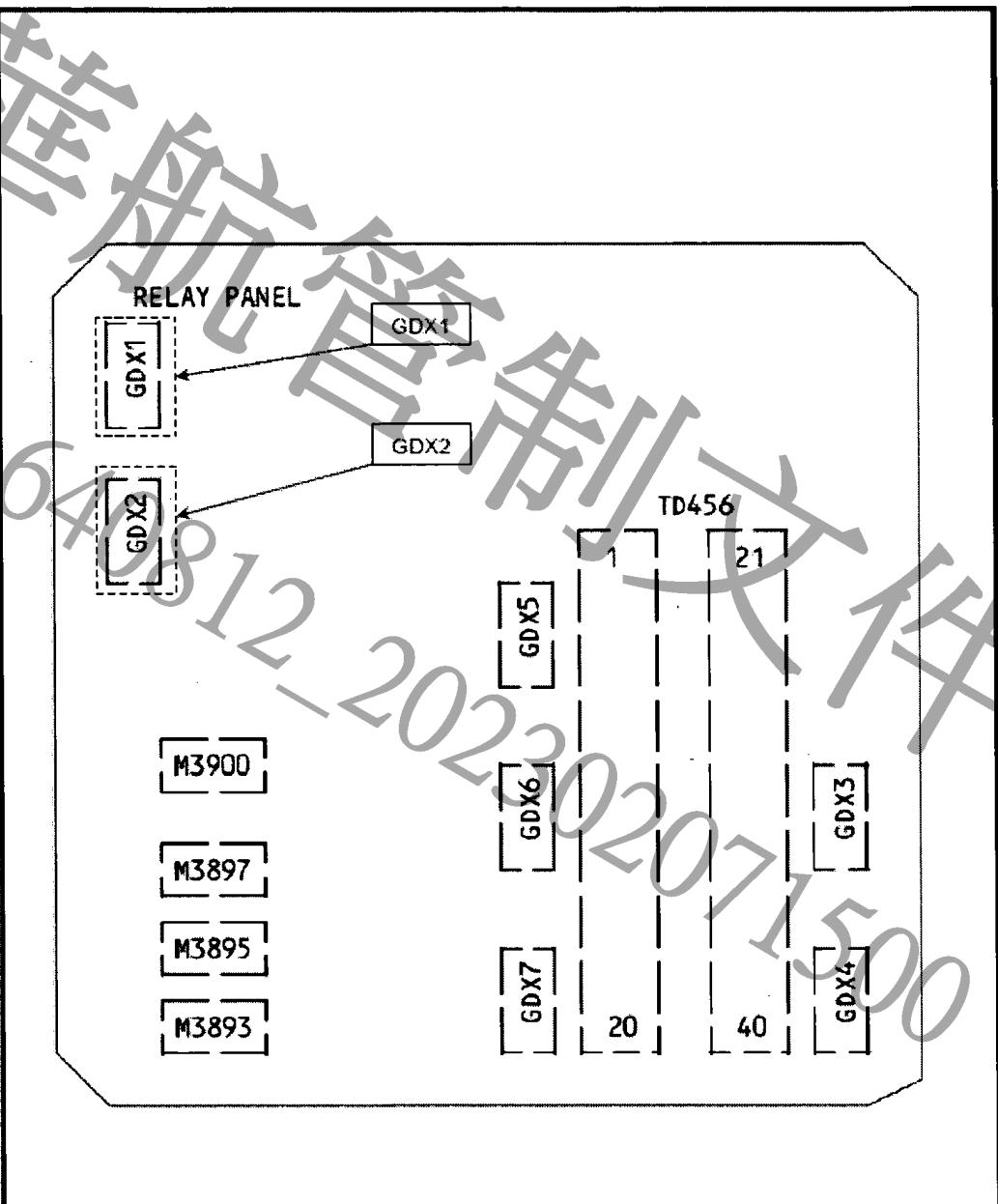


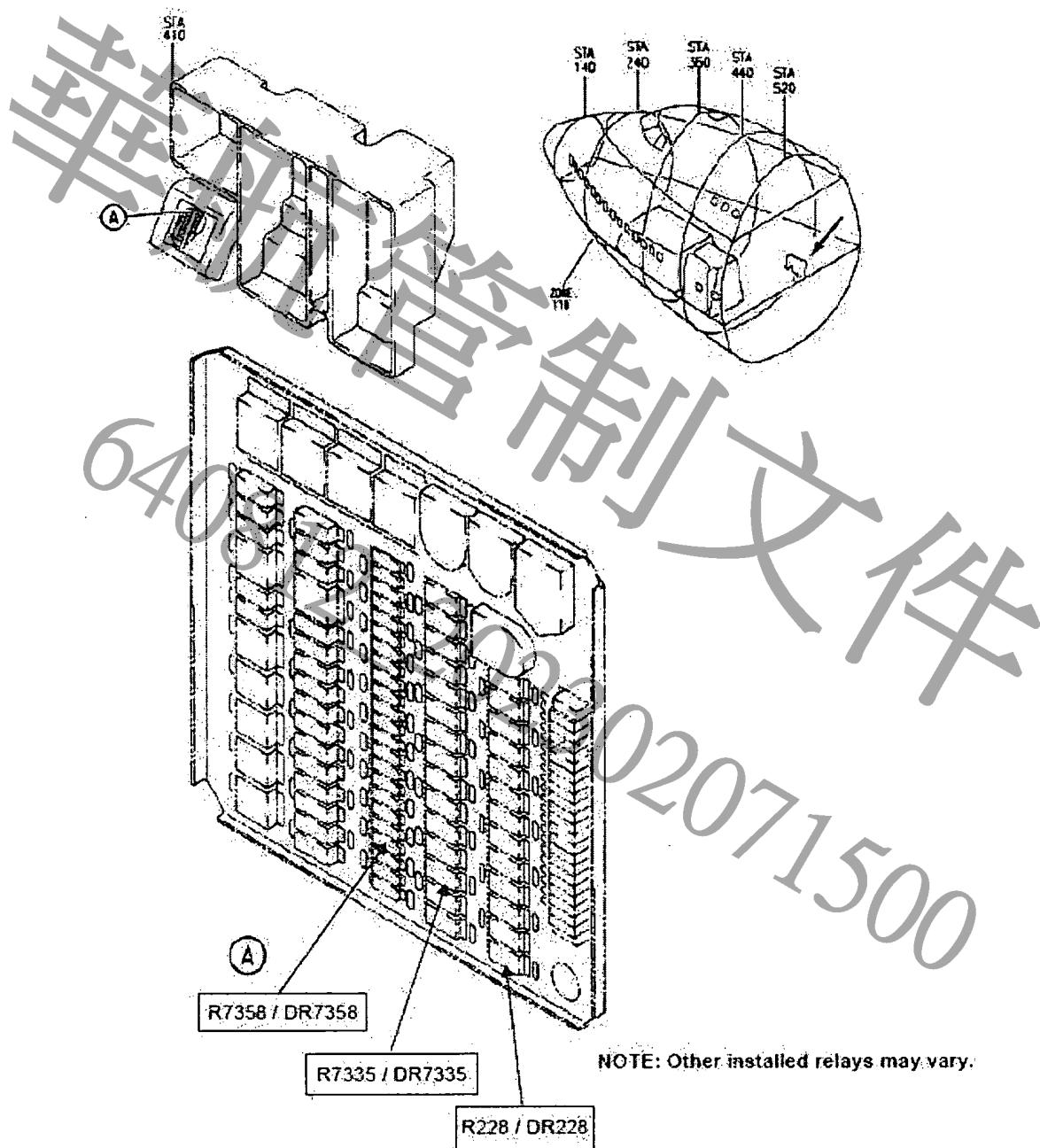
Figure 8. Ground Blocks – P415-1 Panel



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CHINA AIRLINES	TASK CARD NO:	STATION: TPE	PAGE: 23 OF 25
	7E31-35-0023_INSTR0 Revision: R3	CHECK EVENT: S3+C12+R8+A12	
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		

FIGURE



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Figure 9. Relay Locations – P415-1 Panel

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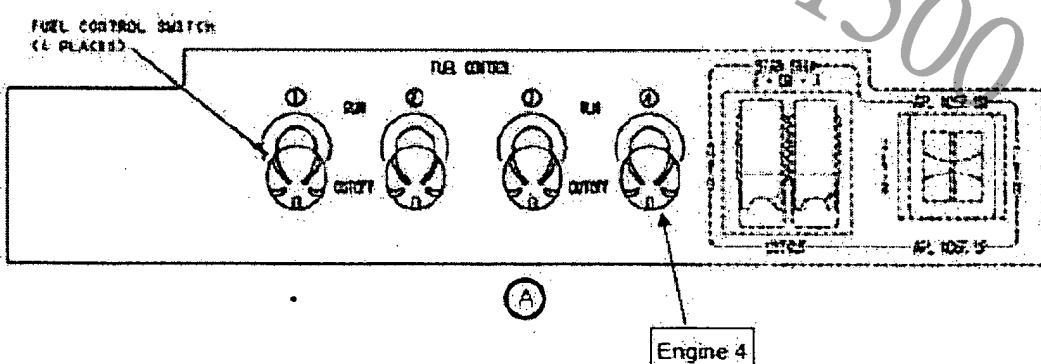
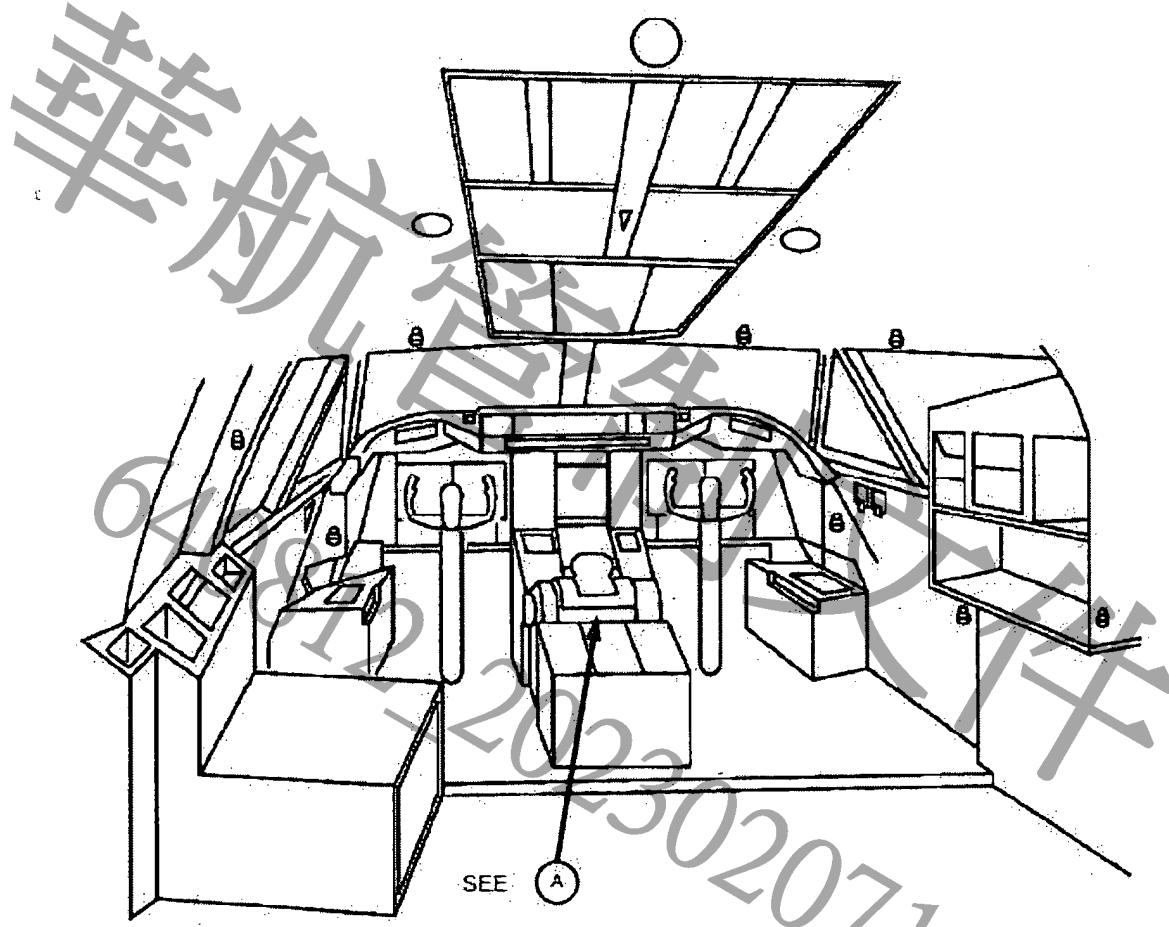


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 CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTRU	STATION: TPE	PAGE: 24 OF 25
	Revision: R3	CHECK EVENT: S3+C12+R8+A12	
AIRCRAFT: 747-409F - B-18707	TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.		

FIGURE



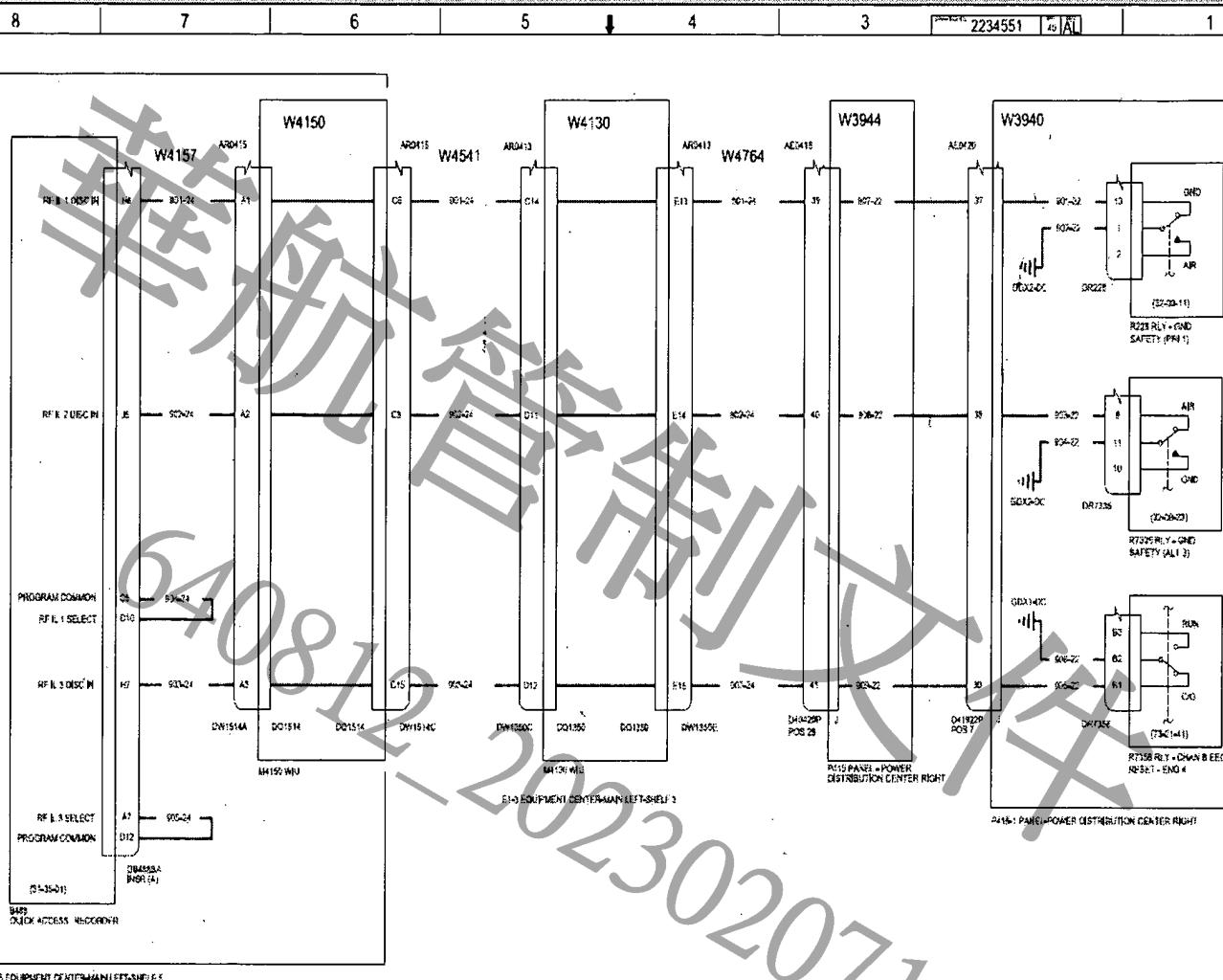
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CHINA AIRLINES	TASK CARD NO: 7E31-35-0023_INSTR0 Revision: R3	STATION: TPE	PAGE: 25 OF 25
AIRCRAFT: 747-409F - B-18707	CHECK EVENT: S3+C12+R8+A12		
TASK TITLE: INSTALLATION OF WQAR P/N 2243800-364 IN Boeing 747 FAMILY AIRCRAFT.			

FIGURE

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寄件人: YI-YEH HSIAO/CAL

收件人: CHENG-WEI LIN/TPEME/CAL@CAL

副本抄送: YAO-CHENG CHEN/TPEMB/CAL@CAL, CHIH-HUI HSU/CAL@CAL

日期: 2018年11月01日 (星期四) 10:33上午

主旨: 檢送B-18707 Task Card No: 7E31-35-0023_INSTR0 EO COPY

Dear Sir

檢送B-18707 Task Card No: 7E31-35-0023_INSTR0 EO COPY

詳如附件

Best Regard

蕭義暉 Yi-Yeh Hsiao

場站修護部 場修中心 管制員

TEL: 886-3-3834251 EXT. 4969



附加檔案

B-18707 7E31-35-0023_INSTR0_R3.pdf

640812_202302071500

 IS3RJ0020V39		中華航空公司可用/識別掛籤 CHINA AIRLINES LTD. SERVICEABLE PARTS/TRACKING TAG	
廠商件號 MFR. PART NO. 2243800-364		名稱 NOMENCLATURE RECORDER - QUICK	
PART GROUP 31-31-24-05-005J		STOCK NO. 31_2243800-364	
主修工場/位置 REPAIR LOCATION VENDOR		SMCC: B	
品質文件編號 RELEASE NBR WO-00153069		購案/交修案號碼 PO/RO NBR G0263124	
廠商序號 MFR. SERIAL NO. RA07972		授權者簽章 AUTHORIZED SIGNATURE 	
日期 DATE 2018/05/10		存儲到期日期 STORAGE DUE DATE NIL	
庫存位置 STORAGE BIN LOCATION TPE/MS/SERVICEABLE STORE			
TOTAL HOUR 42.62		TOTAL CYCLE 28	
ETOPS NA	PMA NO	INVENTORY CLASS TRK	
REMOVED FROM BELOW AIRCRAFT OR SPARE UNIT IN SERVICEABLE CONDITION			
飛機/發動機/APU/組合件件號 A/C/ENGINE/APU/ASSY NO. <i>B-18707</i>	位置代號/序號 POSITION CODE/SERIAL NO. <i>B00488</i>	機械員簽章/日期 MECHANIC SIGNATURE/DATE 	

QP10MS050F1R5

2018.10.30

76 OFF sd: 1376

 IS3RJ001ZLU2		中華航空公司消耗性器材可用掛籤 CHINA AIRLINES LTD. EXPENDABLE PARTS SERVICEABLE TAG			
廠商件號 MFR. PART NO.	名稱 NOMENCLATURE	INSTALLATION KIT - WQAR			
PART GROUP	STOCK NO.	31_2234552-003			
31_2234552-003 - 98571	品質文件編號 RELEASE NUMBER	ELSO40064			
購案/交修案號碼 PO/RO NUMBER	系統批號 BATCH NO.	數量 QTY	存儲到期日期 STORAGE DUE DATE	授權者簽章 AUTHORIZED SIGNATURE	
F0218986	BN 521032	2	NIL	 CAL B-007	
日期 DATE	2017/12/11				
庫存位置 STORAGE BIN LOCATION					
TPE/MS/SERVICEABLE STORE					
ETOPS ITEM NA	PMA PART NO	INVENTORY CLASS BATCH		REMOVED FROM BELOW AIRCRAFT OR SPARE UNIT IN SERVICEABLE CONDITION	
飛機/發動機/APU/組合件號 A/C/ENGINE/APU/ASSY NO.	位置代號/序號 POSITION CODE/SERIAL NO.	機械員簽章/日期 MECHANIC SIGNATURE/DATE		638495 2018/10/20	
B 18767	8MUY				

QP10MS050F2R1