TRANSMITTAL LETTER

1. **DESCRIPTION**

This sheet transmits Revision 02 to Service Bulletin 550-42-0020.

This is a complete reissue of the Bulletin.

This revision incorporates the information presented in the Information Notice related to the previous issues of this Service Bulletin, as listed below:

None.

2. **ADDITIONAL ACTION**

None.

3. **RECORD OF REVISION**

Basic issue: 28/Oct/2025

Revision 01: 07/Nov/2025

Revision 02: 19/Dec/2025

4. **HIGHLIGHTS**

The topics, affected pages, and a brief description of the content-related changes introduced by this revision are presented below.

Revision bars are put in the left margin of each page to show the location of the significant changes. Text displacement and text format changes are not indicated.

TOPIC/PAGE	DESCRIPTION OF REVISION
1. PLANNING INFORMATION	
1.A. SB EFFECTIVITY / 1	Removed aircraft serial number 55000071 from the service bulletin effectivity.
Item 1.C.(3) / 6	Information updated.
Item 1.C.(4) / 6	Include reason of Revision 02.
2. MATERIAL INFORMATION	
Item 2.A.(1) / 10, 18 thru 25	Updated the file nomenclature and added a note about the files that shall be restored.
3. ACCOMPLISHMENT INSTRUCTIONS	-
3. ACCOMPLISHMENT INSTRUCTIONS / 28, 29, 30, 39, 40, 41, 42, 43, 44 and 45	Added a note about the files that shall be restored and editorial revision.

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INTEGRATED MODULAR AVIONICS - LOAD 7.1 VERSION FOR PRO LINE FUSION FIELD-LOADABLE SOFTWARE SYSTEM

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1. PLANNING INFORMATION

A. SB EFFECTIVITY

Aircraft affected:

(1) GROUP 1

MODEL	SN
EMB-550	55000005 thru 55000008, 55000010 thru 55000012, 55000014, 55000016 thru 55000019, 55000021, 55000022, 55000024 thru 55000037, 55000040 thru 55000044, 55000048, 55000049, 55000051, 55000066, 55000067, 55000074, 55000076, and 55000093, Legacy 500 without HUD system installed.

(2) GROUP 2

MODEL	SN
EMB-550	55000038, 55000039, 55000045 thru 55000047, 55000050, 55000052, 55000053, 55000055 thru 55000058, 55000060 thru 55000065, 55000068, 55000069, 55000072, 55000073, 55000075, 55000077 thru 55000088, and 55000090 thru 55000092, Legacy 500 with HUD system installed.

(3) GROUP 3

MODEL	SN
EMB-545	55000020, 55010003 thru 55010005, 55010009 thru 55010011, 55010016 thru 55010018, 55010020 thru 55010022, 55010025, 55010027 thru 55010033, 55010036 thru 55010041, 55010045, 55010046, 55010055, 55010061, 55010064, and 55010065, Legacy 450 from production line or PRE-MOD SB550-42-0011 GROUP 4 without HUD system installed.

(4) GROUP 4

MODEL	SN
EMB-545	55010007, Legay 450 without HUD system installed.

(5) GROUP 5

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MODEL	SN
EMB-545	55010012, 55010014, 55010019, 55010023, 55010024, 55010026, 55010034, 55010035, 55010047, 55010050, 55010051, 55010053, and 55010054, Legacy 450 from production line or PRE-MOD SB550-42-0011 GROUP 5 with HUD system installed.

(6) GROUP 6

MODEL	SN
EMB-545	55010008, 55010015, 55010048, and 55010049, Legacy 450 from production line or PRE-MOD SB550-42-0011 GROUP 5 with HUD system installed.

(7) GROUP 7

MODEL	SN
EMB-545	55000020, 55010005, 55010009 thru 55010011, 55010016 thru 55010018, 55010020 thru 55010022, 55010025, 55010027, 55010028, 55010030 thru 55010033, 55010036 thru 55010041, 55010045, 55010046, 55010055, 55010061, 55010064 thru 55010067, 55010070 thru 55010075, 55010080 thru 55010086, 55010088 thru 55010101, 55010103 thru 55010105, 55010107, 55010108, 55010110 thru 55010112, 55010114 thru 55010121, 55010123, 55010124, 55010128, 55010135, 55010137, 55010139, 55010143 thru 55010151, 55010153, 55010154, and 55010157, Praetor 500 from production line or POST-MOD SB550-42-0011 GROUP 4 without HUD system installed.

(8) GROUP 8

MODEL	SN
EMB-545	55010012, 55010014, 55010023, 55010034, 55010035, 55010044, 55010047, 55010050, 55010051, 55010054, 55010058, 55010062, 55010063, 55010068, 55010069, 55010076 thru 55010079, 55010087, 55010102, 55010106, 55010109, 55010113, 55010122, 55010125 thru 55010127, 55010129, 55010130, 55010132 thru 55010134, 55010136, 55010138, 55010140 thru 55010142, 55010155, 55010156, 55010158, 55010159, 55010161, 55010162, 55010164, and 55010165, Praetor 500 from production line or POST-MOD SB550-42-0011 GROUP 5 with HUD system installed.

(9) GROUP 9

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MODEL	SN
EMB-545	55010015, 55010048, 55010049, and 55010057, Praetor 500 from production line or POST SB 550-42-0011 GROUP 5 with HUD system installed.

(10) GROUP 10

MODEL	SN
EMB-550	55020112, 55020121, 55020122, 55020124, 55020127, 55020142, 55020148, 55020151, 55020152, 55020154, 55020159, 55020161 thru 55020166, 55020171, 55020173, 55020177 thru 55020179, 55020185, 55020186, 55020188 thru 55020190, 55020192, 55020194, 55020205, 55020207, 55020209, 55020210, 55020212, 55020216 thru 55020219, 55020221, 55020222, 55020233, and 55020235, Praetor 600 without HUD system installed.

(11) GROUP 11

MODEL	SN
EMB-550	55000070, 55020002, 55020103 thru 55020111, 55020113 thru 55020120, 55020123, 55020125, 55020126, 55020128 thru 55020141, 55020143 thru 55020147, 55020149, 55020150, 55020153, 55020155 thru 55020158, 55020160, 55020167 thru 55020170, 55020172, 55020174 thru 55020176, 55020180 thru 55020184, 55020187, 55020191, 55020193, 55020195 thru 55020204, 55020206, 55020208, 55020211, 55020213 thru 55020215, 55020220, 55020223 thru 55020232, 55020234, and 55020236 thru 55020238, Praetor 600 with HUD system installed.

(12) GROUP 12

MODEL	SN
EMB-545	55010006, Legacy 450 from production line or PRE-MOD SB550-42-0011 GROUP 4 and POST-MOD SB550-23-0010.

(13) GROUP 13

MODEL	SN
EMB-545	55010006, Legacy 450 from production line or PRE-MOD SB550-42-0011 GROUP 4 and PRE-MOD SB550-23-0010.

(14) GROUP 14

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MODEL	SN
EMB-545	55010042, 55010043, 55010052, 55010056, 55010059, and 55010060, Legacy 450 from production line or PRE-MOD SB 550-42-0011 GROUP 5 and POST-MOD SB550-23-0010.

(15) GROUP 15

MODEL	SN
EMB-545	55010042, 55010043, 55010052, 55010056, 55010059, and 55010060, Legacy 450 from production line or PRE-MOD SB550-42-0011 GROUP 5 and PRE-MOD SB550-23-0010.

(16) GROUP 16

MODEL	SN
EMB-545	55010006, POST-MOD SB550-42-0011 GROUP 4 and POST-MOD SB550-23-0010.

(17) GROUP 17

MODEL	SN
EMB-545	55010006, POST-MOD SB550-42-0011 GROUP 4 and PRE-MOD SB550-23-0010.

(18) GROUP 18

MODEL	SN
EMB-545	55010042, 55010056, 55010059, and 55010060, POST-MOD SB550-42-0011 GROUP 5 and POST-MOD SB550-23-0010.

(19) GROUP 19

MODEL	SN
EMB-545	55010042, 55010056, 55010059, and 55010060, POST-MOD SB550-42-0011 GROUP 5 and PRE-MOD SB550-23-0010.

(20) GROUP 20

MODEL	SN
EMB-545	55010131, Praetor 500 without HUD system PRE-MOD SB550-42-0019.

(21) GROUP 21

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MODEL	SN
EMB-545	55010131, Praetor 500 with HUD system POST-MOD SB550-42-0019.

(22) GROUP 22

MODEL	SN
EMB-550	55000003 and 55000004, Legacy 500 without HUD system installed PRE-MOD SB550-42-0007.

(23) GROUP 23

MODEL	SN
EMB-550	55000003 and 55000004, Legacy 500 with HUD system installed POST-MOD SB550-42-0007.

Affected component:

IMS-6010 PN 822-3132-301.

NOTE: This effectivity list includes the aircraft originally equipped with the affected component. Since this component is a “Line Replaceable Unit” (LRU), it may be necessary to refer to the fleet maintenance control record and verify whether the unit has been replaced with another one during routine maintenance.

In-production effectivity:

EMB-545 (PRAETOR 500) aircraft SN 55010166, 55010168 and on have an equivalent modification factory-incorporated.
EMB-550 (PRAETOR 600) aircraft SN 55020239, 55020241 thru 55020244, 55020246 and on have an equivalent modification factory-incorporated.

B. CONCURRENT REQUIREMENTS

APPLICABLE TO ALL GROUPS

The accomplishment of Service Bulletin SB550-42-0002 is required prior to the accomplishment of this Service Bulletin.

NOTE: Prior to, or at the time the material of this modification is ordered, operators shall send current aircraft configuration, according to instructions given in theSB550-42-0002. This information shall be provided 30 days in advance for the creation of a new APM file. Failing to provide the aircraft configuration parameters in advance could increase significantly the aircraft downtime.

All aircraft must have installed IMS-6010 PN 822-3132-301, factory-incorporated or via accomplishment of SB550-42-0009.

C. REASON

(1) HISTORY

This service bulletin was issued in order to provide operators the instructions required install the new PRO LINE FUSION LOAD 7.1.

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The PRO LINE FUSION LOAD 7.1 is an evolution of the PRO LINE FUSION LOAD 6.3.1, implementing improvements and adding provisions for new functionalities on the EMB-550 and EMB-545.

(2) OBJECTIVE

This Service Bulletin introduces PRO LINE FUSION software LOAD 7.1 PN 810-0311-1E0031 that is applicable to the aircraft configured without Head-Up Display (HUD) system installed, or PRO LINE FUSION software LOAD 7.1 PN 810-0311-1E0231 that is applicable to the aircraft configured with Head-Up Display (HUD) system installed, and gives instructions for its upload.

(3) EXPECTED BENEFITS

The Pro Line Fusion Load 7.1 is an evolution of Load 6.3.1, and incorporates a few improvements and provisions for new optional functionalities, as follows:

– Quieter Aircraft Power-Up: Enhancements to Crew Alerting System (CAS) message logic ensure more robust and reliable behavior during aircraft power-up, resulting in a cleaner and more stable initialization process.

– EICAS FLEX 4.2 Update: Smarter logic for the “PBIT TIME EXPIRED” Crew Alerting System (CAS) message minimizes unnecessary alerts during taxi. This update improves crew experience by reducing the need for power cycles and enhancing system timing.

– Improvement of the Data Concentration Module.

– Flight Data Recorder (FDR) - ED-112A Compliant: New parameters added, fully aligned with the latest EASA requirements.

– New Radio Interface Unit (RIU)s: Boost datalink performance and brings Runway Overrun Awareness and Alerting System (ROAAS) aural alert capabilities with updated Radio Interface Unit (RIU) part numbers designed for enhanced connectivity and alerting precision.

– Provisions for the Runway Overrun Awareness and Alerting System (ROAAS) (optional functionality): Enhance landing safety with real-time overrun risk calculations and timely alerts. Developed to meet EUROCAE ED-250 standards, Runway Overrun Awareness and Alerting System (ROAAS) adds a smart layer of protection during approach and landing. Feature enabled through an additional service bulletin.

– Provisions for the Speaker Aural Mute (optional functionality): Reduce cockpit noise without losing critical alerts. This feature mutes aural warnings on speakers while keeping them active in headsets. Requires an updated Audio Control Panel (ACP), installed through an additional service bulletin.

(4) REVISION HISTORY

(a) Revision 01

This revision is being issued to update the reference to the AMM task number.

(b) Revision 02

This revision is being issued to add notes about the restoration steps and files and to remove aircraft serial number 55000071 from the service bulletin effectivity.

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D. DESCRIPTION

This Service bulletin uploads PRO LINE FUSION software LOAD 7.1 PN 810-0311-1E0231 for aircraft with Head-Up Display (HUD) system installed or PN 810-0311-1E0031 for aircraft without Head-Up Display (HUD) system installed and do the replacement of the Radio Interface Unit (RIU) 1 and Radio Interface Unit (RIU) 2.

To gain access to the work area, it is necessary to remove access panel 223MZ to get access to the cover of the IMS Ethernet port. Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

To do this, it is necessary to gain access to the area by removing the acces panels, as follows:

– Access panel 223MZ to get access to the cover of the IMS Ethernet port. Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

– Access panel 121AB to get access to the forward electronic compartment. Refer to AMM SDS 52-41-00/1.

– Access panel 242FRW to get access to the forward electronic compartment. Refer to AMM SDS 52-41-00/1.

E. COMPLIANCE

1) SB CATEGORY

Category 04: OPTIONAL

2) SB ACCOMPLISHMENT

This bulletin can be accomplished at any time, at the operator’s discretion.

F. APPROVAL

The changes to the type design specified in this SB have been approved by ANAC - Agência Nacional de Aviação Civil.

This Service Bulletin was approved based on the airplane's original Embraer delivery configuration or as modified by other Embraer-approved documents.

G. ESTIMATED MANPOWER

This estimate is for direct labor only, performed by experienced personnel, and does not include the time to plan, prepare, or inspect the work.

It is assumed that all the tools, parts, and other means are promptly available when necessary.

This estimate does not include the sealant, paint, or adhesive curing time.

– Access opening: None.

– Modification: 6.0 man-hours.

– Access closure : None.

– Test : 4.0 man-hours.

NOTE: 1) These estimates do not include the time necessary to accomplish SB550-42-0002.

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H. WEIGHT AND BALANCE

– Change in basic weight: None.

– Change in basic moment: None.

I. ELECTRICAL LOAD DATA

Not changed.

J. SOFTWARE ACCOMPLISHMENT SUMMARY

The Software Accomplishment Summary has been completed to meet the requirements of RTCA document DO-178B, Software Considerations in Airborne Systems and Equipment Certification.

K. REFERENCES

AMM 550/( )	Aircraft Maintenance Manual PART I - 52-41-00 - DOORS.
AMM 550/( )	Aircraft Maintenance Manual PART II - 20-00-00 - STANDARD PRACTICES-AIRFRAME.
AMM 550/( )	Aircraft Maintenance Manual PART II - 23-53-01 and 23-53-02 - COMMUNICATIONS.
AMM 550/( )	Aircraft Maintenance Manual PART II - 25-51-02 - EQUIPMENT/ FURNISHINGS.
AMM 550/( )	Aircraft Maintenance Manual PART II - 34-61-00 - NAVIGATION.
AMM 550/( )	Aircraft Maintenance Manual PART II - 42-00-00 and 42-31-00 - INTEGRATED MODULAR AVIONICS.
AMM 550/( )	Aircraft Maintenance Manual PART II - 45-45-00 - CENTRAL MAINTENANCE SYSTEM.
AMM 550/( )	Aircraft Maintenance Manual PART II - 73-21-00 - ENGINE FUEL AND CONTROL.
SB550-34-0002	NAVIGATION - ADS-B OUT (AUTOMATIC DEPENDENCE SURVEILLANCE - BROADCAST) INSTALLATION.
SB550-34-0003	NAVIGATION - WINDSHEAR DETECTION AND GUIDANCE SYSTEM INSTALLATION.
SB550-34-0017	NAVIGATION - PREDICTIVE WINDSHEAR AND VERTICAL WEATHER INSTALLATION.
SB550-42-0002	INTEGRATED MODULAR AVIONICS - APM CONFIGURATION FILES UPDATED AND/OR NEW LICENSE KEY REQUEST.
SB550-42-0009	INTEGRATED MODULAR AVIONICS - INFORMATION MANAGEMENT SYSTEM (IMS) REPLACEMENT.
SB550-42-0011	INTEGRATED MODULAR AVIONICS - LOAD 6.3.1 VERSION FOR PRO LINE FUSION FIELD-LOADABLE SOFTWARE SYSTEM.

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L. PUBLICATIONS AFFECTED

AOM 550/( )	Airplane Operations Manual
QRH 550/( )	Quick Reference Handbook[1]
ACFOG 550/( )	Airplane Changes Flight Operations Guide

[1] This Service Bulletin affects the aircraft operation, and a new set of these affected operation manuals is required. Before the accomplishment of this Bulletin, send the order to Embraer by email (contact.center@embraer.com) informing: Service Bulletin number, aircraft serial number, and scheduled date for the Service Bulletin application.
The estimated delivery date will be provided by Embraer upon request.

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2. MATERIAL INFORMATION

A. MATERIAL - PRICE AND AVAILABILITY

(1) MATERIAL AVAILABLE FROM EMBRAER

The material below required for the accomplishment of this bulletin should be downloaded directly from the FlyEmbraer portal (http://www.flyembraer.com).

NOTE: The SFIS-3900 configuration files, the MKP-6100 configuration files and the TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

Applicable to IMS-6010 PN 822-3132-301.

APPLICABLE TO ALL GROUPS	
IMS Software Components	PN (See Note 1)
IMST-6010	810-0332-1E0030
IMSA-6010	810-0331-010

NOTE: Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 1, GROUP 3, GROUP 4, GROUP 7, GROUP 10, GROUP 12, GROUP 13, GROUP 16, GROUP 17, GROUP 20 AND GROUP 22	
Mediaset CPN (See note 1) IMAA-6000 PN 810-0311-1E0031	Module
APM-CFG-1E0031	L-DCM_A L-DCM_B
APM-DD-1E0031	L-DCM_A L-DCM_B
APM-TSO-1E0031	L-DCM_A L-DCM_B
AFD-OPS-1E0031	Left AFD Center AFD Right AFD Bottom AFD
AFD-CFG-1E0030	Left AFD Center AFD Right AFD Bottom AFD
DCM-OPS-1E0031	L-DCM_A L-DCM_B
DSM-CFG-1E0030	Left DSM Right DSM
IOC-CFG-1E0030	L-DCM_A L-DCM_B
LIPC02-OPS-1E0031	L_CCM1

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APPLICABLE TO GROUP 1, GROUP 3, GROUP 4, GROUP 7, GROUP 10, GROUP 12, GROUP 13, GROUP 16, GROUP 17, GROUP 20 AND GROUP 22	
LIPC04-OPS-1E0031	L_CCM3
LIPC05-OPS-1E0031	L_CCM4
RIPC02-OPS-1E0031	R_CCM1
RIPC03-OPS-1E0030	R_CCM2
RIPC06-OPS-1E0031	R_CCM4
RIPC08-OPS-1E0031	R_CCM5
RIPC10-OPS-1E0031	R_SVM7
RCU35-0398-002A (811-0398-002)	Left DSM Right DSM
810-0088-110-SLOT4OPS	R_CCM2
810-0088-110-SLOT4CFG	R_CCM2
DMC-FCSTAT-1E0020	L-DCM_A L-DCM_B
DMC-FCSTAP-1E0020	L-DCM_A L-DCM_B
DMC-FCSTFG-1E0020	L-DCM_A L-DCM_B
810-0322-1E0001	R-CCM5

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APPLICABLE TO GROUP 2, GROUP 5, GROUP 6, GROUP 8, GROUP 9, GROUP 11, GROUP 14, GROUP 15, GROUP 18, GROUP 19, GROUP 21 AND GROUP 23	
Mediaset CPN (See Note 1) IMAA-6000 PN 810-0311-1E0231	Module
APM-CFG-1E0231	L-DCM_A L-DCM_B
APM-DD-1E0231	L-DCM_A L-DCM_B
APM-TSO-1E0231	L-DCM_A L-DCM_B
AFD-OPS-1E0031	Left AFD Center AFD Right AFD Bottom AFD
AFD-CFG-1E0030	Left AFD Center AFD Right AFD Bottom AFD
DCM-OPS-1E0031	L-DCM_A L-DCM_B

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(Continued)

APPLICABLE TO GROUP 2, GROUP 5, GROUP 6, GROUP 8, GROUP 9, GROUP 11, GROUP 14, GROUP 15, GROUP 18, GROUP 19, GROUP 21 AND GROUP 23	
DSM-CFG-1E0030	Left DSM Right DSM
IOC-CFG-1E0030	L-DCM_A L-DCM_B
LIPC02-OPS-1E0031	L_CCM1
LIPC04-OPS-1E0031	L_CCM3
LIPC05-OPS-1E0031	L_CCM4
RIPC02-OPS-1E0031	R_CCM1
RIPC03-OPS-1E0030	R_CCM2
RIPC06-OPS-1E0031	R_CCM4
RIPC08-OPS-1E0031	R_CCM5
RIPC10-OPS-1E0231	R_SVM7
RCU35-0398-002A (811-0398-002)	Left DSM Right DSM
810-0088-110-SLOT4OPS	R_CCM2
810-0088-110-SLOT4CFG	R_CCM2
DMC-FCSTAT-1E0020	L-DCM_A L-DCM_B
DMC-FCSTAP-1E0020	L-DCM_A L-DCM_B
DMC-FCSTFG-1E0020	L-DCM_A L-DCM_B
810-0322-1E0001	R-CCM5

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APPLICABLE TO ALL GROUPS	
OMS Flex 6.1	PN (See note 1)
OMST-6000	810-0099-1E0005
OMSACM-6000	550-59011-915
OMSEQT-6000	550-59013-915
OMSTAR-6000	550-59015-915

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APPLICABLE TO ALL GROUPS	
EICAS Flex 4.2	PN (See Note 1)

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APPLICABLE TO ALL GROUPS	
CAST-6000	550-68100-263
SLT-6000	550-68200-254
FDAT-6000	550-68300-258

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APPLICABLE TO GROUP 7, GROUP 8, GROUP 9, GROUP 16, GROUP 17, GROUP 18, GROUP 19, GROUP 20 AND GROUP 21	
FMS Databases	PN (See note 1)
Performance	096-0TV6-001
Vspeed	096-0TV5-001
Weight&Balance	096-0TV7-001

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APPLICABLE TO GROUP 3, GROUP 4, GROUP 5, GROUP 6, GROUP 12, GROUP 13, GROUP 14 AND GROUP 15	
FMS Databases	PN (See note 1)
Performance	096-8978-004
Vspeed	096-8979-004
Weight&Balance	096-8980-004

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APPLICABLE TO GROUP 10 AND GROUP 11	
FMS Databases	PN (See note 1)
Performance	096-0D94-001
Vspeed	096-0D95-001
Weight&Balance	096-0D96-002

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APPLICABLE TO GROUP 1, GROUP 2, GROUP 22 AND GROUP 23	
FMS Databases	PN (See note 1)
Performance	096-4750-004

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APPLICABLE TO GROUP 1, GROUP 2, GROUP 22 AND GROUP 23	
Vspeed	096-4751-006
Weight&Balance	096-3693-003

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APPLICABLE TO ALL GROUPS	
Electronic Checklist Database	ECLDB_* (See note 1)

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APPLICABLE TO GROUP 3, GROUP 4, GROUP 5, GROUP 6, GROUP 12, GROUP 13, GROUP 14 AND GROUP 15 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_L450
MAINTENANCE DOCUMENT	DOCMNT_L450
SUPPLEMENTAL DOCUMENT	DOCSUP_L450
OPERATION DOCUMENT	DOCOPR_L450

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 1, GROUP 2, GROUP 22 AND GROUP 23 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_L500
MAINTENANCE DOCUMENT	DOCMNT_L500
SUPPLEMENTAL DOCUMENT	DOCSUP_L500
OPERATION DOCUMENT	DOCOPR_L500

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 7, GROUP 8, GROUP 9, GROUP 16, GROUP 17, GROUP 18, GROUP 19, GROUP 20 AND GROUP 21 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_P500
MAINTENANCE DOCUMENT	DOCMNT_P500
SUPPLEMENTAL DOCUMENT	DOCSUP_P500

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APPLICABLE TO GROUP 7, GROUP 8, GROUP 9, GROUP 16, GROUP 17, GROUP 18, GROUP 19, GROUP 20 AND GROUP 21 (See note 1)	
OPERATION DOCUMENT	DOCOPR_P500

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 10 AND GROUP 11 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_P600
MAINTENANCE DOCUMENT	DOCMNT_P600
SUPPLEMENTAL DOCUMENT	DOCSUP_P600
OPERATION DOCUMENT	DOCOPR_P600

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO ALL GROUPS	
APM configuration files	(See note 1)
APM Options Partition	APMOPT_*
APM 3rd Party Partition	APMTPP_*

NOTE: 1) Specific for each aircraft serial number. Downloaded directly from the www.flyembraer.com after email is sent to contact.center@embraer.com in accordance with SB550-42-0002.

SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TAWS Configuration Files	(See note 1, 2 and 3)
CCMCSO	CCMCSO_1E0001_V4.1
CCMASO	CCMASO_1E0002B_V4.1
TPMCSO	TPMCSO_1E0001_V4.1

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SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TPMASO	TPMASO_1E0002A_V4.1

NOTE: 1) Applicable to aircraft serial numbers 5500003 thru 5500008, 5500010 thru 5500012, 5500014, 5500016 thru 5500018, 5500020 thru 5500022, 5500025 thru 5500030, 5500032 thru 5500034, 5500036, 5500039 thru 5500042, 5500044 thru 5500045, 5500047, 5500049 thru 5500053, 5500055, 5500057, 5500058, 5500060, 5500062, 5500063, 5500065, 5500070, 5500072, 5500074, 5500075, 5500078, 5500079, 5500081, 5500084, 5500085, 5500087, 5500090, 5500093, 55010003 thru 55010004, 55010006 thru 55010009, 55010011, 55010012, 55010015 thru 55010033, 55010036 thru 55010042, 55010044 thru 55010049, 55010051, 55010055, 55010056, 55010058, 55010061 thru 55010076, 55010080 thru 55010084, 55010086 thru 55010089, 55010091, 55010093 thru 55010101, 55010103 thru 55010108, 55010110 thru 55010112, 55010114 thru 55010116, 55010118 thru 55010121, 55010123, 55010124, 55010126 thru 55010128, 55010130, 55010132, 55010135 thru 55010137, 55010139, 55010142 thru 55010151, 55010153 thru 55010157, 55010161, 55010165, 55020104, 55020107 thru 55020111, 55020119 thru 55020123, 55020129, 55020130, 55020132, 55020133, 55020135 thru 55020137, 55020139, 55020142, 55020143, 55020148, 55020149, 55020151, 55020152, 55020154, 55020157, 55020159, 55020163, 55020164, 55020167, 55020171, 55020172, 55020175, 55020185, 55020186, 55020189, 55020190, 55020192, 55020196, 55020199, 55020201, 55020205, 55020207, 55020209, 55020210, 55020212, 55020213, 55020216 thru 55020219, 55020222, 55020224, 55020226, 55020233 and 55020235.

2) Applicable to aircraft serial numbers 5500019, 5500024, 5500031, 5500035, 5500037, 5500038, 5500046, 5500048, 5500061, 5500064, 5500066, 5500067, 5500073, 5500077, 55010005, 55010010, 55010014, 55010034, 55010035, 55020103, 55020125 and 55020126, if PRE-MOD SB550-34-0003.

3) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TAWS Configuration Files	(See note 1, 2, 3 and 4)
CCMCSO	CCMCSO_1E0001_V4.1
CCMASO	CCMASO_1E0002B_V4.1
TPMCSO	TPMCSO_1E0001_V4.1

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SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TPMASO	TPMASO_1E0002A_WS_WoCaut

NOTE: 1) Applicable to aircraft serial numbers 55010077 thru 55010079, 55010092, 55010102, 55010109, 55010113, 55010117, 55010122, 55010129, 55010131, 55010133, 55010140, 55010141, 55010158, 55010159, 55010162, 55010164, 55020115, 55020117, 55020118, 55020127, 55020128, 55020134, 55020138, 55020140, 55020141, 55020144 thru 55020147, 55020150, 55020155, 55020156, 55020158, 55020160, 55020161, 55020165, 55020166, 55020168 thru 55020170, 55020173, 55020174, 55020176 thru 55020184, 55020187, 55020188, 55020191, 55020193 thru 55020195, 55020197, 55020198, 55020200, 55020203, 55020204, 55020206, 55020208, 55020211, 55020214, 55020220, 55020225, 55020227 thru 55020232, 55020234 and 55020236 thru 55020238.

2) Applicable to aircraft serial numbers 55000043, 55000068, 55000069, 55000076, 55000080, 55000082, 55000083, 55000086, 55000088, 55000091, 55010043, 55010050, 55010052 thru 55010054, 55010057, 55010059, 55010060, 55020002, 55020105, 55020106, 55020112 thru 55020114 and 55020116, if POST-MOD SB550-34-0017.

3) Applicable to aircraft serial numbers 55000019, 55000024, 55000031, 55000035, 55000037, 55000038, 55000046, 55000048, 55000061, 55000064, 55000066, 55000067, 55000073, 55000077, 55010005, 55010010, 55010014, 55010034, 55010035, 55020103, 55020125 and 55020126, if POST-MOD SB550-34-0003 and if POST-MOD SB550-34-0017.

4) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TAWS Configuration Files	(See note 1, 2, 3 and 4)
CCMCSO	CCMCSO_1E0001_V4.1
CCMASO	CCMASO_1E0002B_V4.1
TPMCSO	TPMCSO_1E0001_V4.1

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SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TPMASO	TPMASO_1E0002A_V4.1_WS

NOTE: 1) Applicable to aircraft serial numbers 55000056, 55000092, 55010085, 55010090, 55010125, 55010134, 55010138, 55020124, 55020131, 55020153, 55020162, 55020202, 55020215, 55020221 and 55020223.

2) Applicable to aircraft serial numbers 55000043, 55000068, 55000069, 55000076, 55000080, 55000082, 55000083, 55000086, 55000088, 55000091, 55010043, 55010050, 55010052 thru 55010054, 55010057, 55010059, 55010060, 55020002, 55020105, 55020106, 55020112 thru 55020114 and 55020116, if PRE-MOD SB550-34-0017.

3) Applicable to aircraft serial numbers 55000019, 55000024, 55000031, 55000035, 55000037, 55000038, 55000046, 55000048, 55000061, 55000064, 55000066, 55000067, 55000073, 55000077, 55010005, 55010010, 55010014, 55010034, 55010035, 55020103, 55020125 and 55020126, if POST-MOD SB550-34-0003 and if PRE-MOD SB550-34-0017.

4) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO ALL GROUPS	
Software License Keys	PN (See note 1)

NOTE: 1) Specific for each aircraft serial number. Software License Key must be downloaded directly from the Rockwell Collins (https://portal.rockwellcollins.com/web/support-self-service/encrypted-application-keys). Refer to AMM TASK 42-00-00-470-807-A/200 - Application License Key - Configuration.

APPLICABLE TO ALL GROUPS	
SFIS-3900 Configuration Files	(See Note 1)
SFIA-3900	810-0252-005
OCMT-3900	810-0253-1E0004

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for each file is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

2) The SFIS-3900 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-013_TSSA_SYSTEM
	810-0052-013_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-090-TSSE

NOTE: 1) Applicable to aircraft serial numbers 55000003, 55000004, 55000005, 55000006, 55000007, 55000008, 55000010, 55000011, 55000012, 55000014, 55000016, 55000017, 55000018, 55000019, 55000020, 55000021, 55000022, 55000024, 55000025, 55000026, 55000027, 55000028, 55000029, 55000030, 55000031, 55000032, 55000033, 55000034, 55000035, 55000036, 55000037, 55000038, 55000039, 55000040, 55000041, 55000043, 55000044, 55000045, 55000046, 55000048, 55000049, 55000052, 55000053, 55010003, 55010004, 55010005 and 55010007, if PRE-MOD SB550-34-0002.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-101_TSSA_SYSTEM
	810-0052-101_TSSA_TRAFFIC
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55000063, if PRE-MOD SB550-42-0011.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2, 3, 4 and 5)
TSSA-4100	810-0052-102_TSSA_SYSTEM
	810-0052-102_TSSA_TRAFFIC

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SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55000042, 55000047, 55000050, 55000051, 55000055, 55000056, 55000057, 55000058, 55000060, 55000061, 55000062, 55000064, 55000065, 55000066, 55000067, 55000068, 55000069, 55000072, 55000073, 55000074, 55000075, 55000076, 55000077, 55000078, 55000079, 55000080, 55000081, 55000082, 55000083, 55000084, 55000085, 55000086, 55000087, 55000088, 55000090, 55000091, 55020002, 55020103, 55020104, 55020105, 55020106, 55020107, 55020108, 55020109, 55020110, 55020111, 55020112, 55020113, 55020114, 55020116, 55020118, 55020119, 55020120, 55020121 and 55020122.

2) Applicable to aircraft serial number 55000063 if POST-MOD SB550-42-0011.

3) Applicable to aircraft serial number 55000003, 55000004, 55000005, 55000006, 55000007, 55000008, 55000010, 55000011, 55000012, 55000014, 55000016, 55000017, 55000018, 55000019, 55000021, 55000022, 55000024, 55000025, 55000026, 55000027, 55000028, 55000029, 55000030, 55000031, 55000032, 55000033, 55000034, 55000035, 55000036, 55000037, 55000038, 55000039, 55000040, 55000041, 55000043, 55000044, 55000045, 55000046, 55000048, 55000049, 55000052 and 55000053, if POST-MOD SB550-34-0002.

4) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

5) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2, 3 and 4)
TSSA-4100	810-0052-102_TSSA_SYSTEM
	810-0052-102_TSSA_TRAFFIC

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SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-092_TSSE

NOTE: 1) Applicable to aircraft serial number 55010006, 55010008, 55010009, 55010010, 55010011, 55010012, 55010014, 55010015, 55010016, 55010017, 55010018, 55010019, 55010020, 55010021, 55010022, 55010023, 55010024, 55010025, 55010026, 55010027, 55010028, 55010029, 55010030, 55010031, 55010032, 55010033, 55010034, 55010035, 55010036, 55010037, 55010038, 55010039, 55010040, 55010041, 55010042, 55010043, 55010044, 55010045, 55010046, 55010047, 55010048, 55010049, 55010050, 55010051, 55010052, 55010053, 55010054, 55010055, 55010056, 55010057, 55010058, 55010059, 55010060, 55010061, 55010062, 55010064, 55010065, 55010066, 55010067, 55010068, 55010069, 55010070, 55010089, 55010090, 55010105, 55010106 and 55010108.

2) Applicable to aircraft serial number 55000020, 55010003, 55010004, 55010005 and 55010007, if POST-MOD SB550-34-0002.

3) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

4) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55000092, 55000093, 55020124, 55020125, 55020126, 55020127, 55020130, 55020131, 55020133, 55020137, 55020139, 55020142, 55020146, 55020147, 55020148, 55020149, 55020151, 55020152, 55020153, 55020154, 55020159, 55020161, 55020162, 55020163, 55020164, 55020165, 55020166 and 55020171.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-092_TSSE

NOTE: 1) Applicable to aircraft serial number 55010063, 55010071, 55010072, 55010073, 55010074, 55010075, 55010080, 55010081, 55010082, 55010083, 55010084, 55010085, 55010086, 55010087, 55010091, 55010093, 55010094, 55010095, 55010096, 55010097, 55010098, 55010099, 55010100, 55010101, 55010103, 55010104 and 55010107.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC
TSSE-4100	810-0250-093_TSSE

NOTE: 1) Applicable to aircraft serial number 55000070, 55020115, 55020117, 55020123, 55020128, 55020129, 55020132, 55020134, 55020135, 55020136, 55020138, 55020140, 55020141, 55020143, 55020144, 55020145, 55020150, 55020155, 55020156, 55020157, 55020158, 55020160, 55020167, 55020168, 55020169, 55020170, 55020172, 55020173, 55020174, 55020175, 55020177, 55020178 and 55020179.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-094_TSSE

NOTE: 1) Applicable to aircraft serial number 55010076, 55010077, 55010078, 55010079, 55010088, 55010092 and 55010102.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55020180, 55020184, 55020185, 55020186, 55020189, 55020192, 55020195, 55020196, 55020198, 55020199, 55020205, 55020207, 55020209, 55020210, 55020212, 55020216, 55020217, 55020218, 55020220, 55020221, 55020222, 55020224, 55020226, 55020233, 55020235 and 55020236.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-092_TSSE

NOTE: 1) Applicable to aircraft serial number 55010110, 55010111, 55010112, 55010114, 55010115, 55010116, 55010118, 55010119, 55010120, 55010121, 55010124, 55010126, 55010127, 55010128, 55010130, 55010137, 55010138, 55010139, 55010142, 55010143, 55010144, 55010145, 55010146, 55010147, 55010148, 55010149, 55010150, 55010151, 55010153, 55010154, 55010156, 55010157 and 55010165.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC
TSSE-4100	810-0250-093_TSSE

NOTE: 1) Applicable to aircraft serial number 55020176, 55020181, 55020182, 55020183, 55020187, 55020188, 55020190, 55020191, 55020193, 55020194, 55020197, 55020200, 55020201, 55020202, 55020203, 55020204, 55020206, 55020208, 55020211, 55020213, 55020214, 55020215, 55020219, 55020223, 55020225, 55020227, 55020228, 55020229, 55020230, 55020231, 55020232, 55020234, 55020237 and 55020238.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See Note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-094_TSSE

NOTE: 1) Applicable to aircraft serial number 55010109, 55010113, 55010117, 55010122, 55010123, 55010125, 55010129, 55010131, 55010132, 55010133, 55010134, 55010135, 55010136, 55010140, 55010141, 55010155, 55010158, 55010159, 55010161, 55010162 and 55010164.

2) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

APPLICABLE TO ALL GROUPS	
MKP-6100 File	(See Note 1 and 2)
MKPA-6100	810-0223-002 (096-3632-002)

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

2) The MKP-6100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

(2) MATERIAL AVAILABLE FROM OTHER VENDORS

The material below required for the accomplishment of this bulletin should be downloaded directly from the Rockwell Collins (www.rockwellcollins.com) and Jeppesen (www.jeppesen.com) websites.

APPLICABLE TO ALL GROUPS	
Rockwell Collins Database Files	(See Note 1)
NAV_J61_*(See Note 2)	
ENROUTE_*	
XMGWx_* (If required)	
DLGWx_* (- If required)	
EMaps_*	
ASDB*	
OBST*	
APT_RWY_*	
EDB_*	

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APPLICABLE TO ALL GROUPS	
TDB_*	

NOTE: 1) Downloaded directly from www.rockwellcollins.com.

2) Make sure that the NAV_J61_* database was correctly selected.

APPLICABLE TO ALL GROUPS	
Jeppesen Database File	(See Note 1)

NOTE: 1) Downloaded directly from www.jeppesen.com.

B. INDUSTRY SUPPORT INFORMATION

(1) WARRANTY COVERAGE

Embraer recommends that this bulletin be accomplished at an Embraer authorized or owned service center.

(a) Parts

At Customer's expense.

(b) Labor

At Customer's expense.

(c) Expiration

Not applicable.

C. MATERIAL NECESSARY FOR EACH AIRCRAFT

The expendable or consumable materials presented in the AMM Tasks referred to in this bulletin can be necessary for its accomplishment. Examine the operator’s inventories to make sure all materials are available.

(1) TOP KITS AND KITS

None.

(2) MATERIAL TO BE PROCURED

(a) Parts

The parts below should be ordered as spares from Embraer.

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APPLICABLE TO GROUP 1, GROUP 2, GROUP 3, GROUP 5, GROUP 7, GROUP 8, GROUP 10, GROUP 11, GROUP 12, GROUP 14, GROUP 16, GROUP 18, GROUP 20, GROUP 21, GROUP 22 AND GROUP 23				
NEW PN	DESCRIPTION	OLD PN	QTY	DISP/ Notes
822-1863-639	Radio Interface Unit (RIU) 1 (RIU-4010)	822-1863-631 or 822-1863-633 or 822-1863-635 or 822-1863-637	01	3
822-1864-239	Radio Interface Unit (RIU) 2 (RIU-4110)	822-1864-231 or 822-1864-233 or 822-1864-235 or 822-1864-237	01	3

[1] Send the removed Radio Interface Unit (RIU) to Embraer, to the attention of the CORE Return. For this, log in the FlyEmbraer portal (http://www.flyembraer.com), go to "Parts & Claim" and fill out the "Core" with the Notification Number.
For further information, contact Embraer at core.executive@embraer.com.

APPLICABLE TO GROUP 4, GROUP 6, GROUP 9, GROUP 13, GROUP 15, GROUP 17 AND GROUP 19				
NEW PN	DESCRIPTION	OLD PN	QTY	DISP/ Notes
822-1863-640	Radio Interface Unit (RIU) 1 (RIU-4010)	822-1863-632 or 822-1863-634 or 822-1863-636 or 822-1863-638	01	3
822-1864-240	Radio Interface Unit (RIU) 2 (RIU-4110)	822-1864-232 or 822-1864-234 or 822-1864-236 or 822-1864-238	01	3

[1] Send the removed Radio Interface Unit (RIU) to Embraer, to the attention of the CORE Return. For this, log in the FlyEmbraer portal (http://www.flyembraer.com), go to "Parts & Claim" and fill out the "Core" with the Notification Number.
For further information, contact Embraer at core.executive@embraer.com.

DISPOSITION: 3 = Replace part bearing OLD PN with part bearing NEW PN

(b) Consumable Materials

None.

D. MATERIAL NECESSARY FOR EACH SPARE

None.

E. REIDENTIFIED PARTS

None.

F. TOOLING - PRICE AND AVAILABILITY

None.

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3. ACCOMPLISHMENT INSTRUCTIONS

The steps below outline the general accomplishment instructions.

The detailed sequence is included in the respective figure, when necessary.

NOTE: The SFIS-3900 configuration files, the MKP-6100 configuration files and the TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

A. Make sure that the aircraft is safe for maintenance. Refer to AMM TASK 20-00-00-910-801-A/200 - Aircraft Maintenance Safety Procedures - Maintenance Practices.

B. Do the replacement of Radio Interface Unit (RIU) 1 and Radio Interface Unit (RIU) 2, as follows:

(1) APPLICABLE TO GROUPS 1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 16, 18, 20, 21, 22 AND 23

(a) Remove the access hatch 121AB to get access to the forward electronic compartment. Refer to AMM SDS 52-41-00/1.

(b) Remove the Internal Stowage-Compartment Sidewall-Panel to get access to the RH center electronic rack. Refer to AMM TASK 25-51-02-000-801-A/400 - Internal Stowage-Compartment Sidewall Panel - Removal.

(c) Remove and retain the Radio Interface Unit (RIU) 1 (RIU-4010) PN 822-1863-631, or PN 822-1863-633, or PN 822-1863-635, or PN 822-1863-637 from the mounting rack according to AMM TASK 23-53-01-000-801-A/400 - Radio Interface Unit (RIU) - Removal.

NOTE: Send the removed Radio Interface Unit (RIU) to Embraer, to the attention of the CORE Return. For this, log in the FlyEmbraer portal (http://www.flyembraer.com), go to "Parts & Claim" and fill out the "Core" with the Notification Number.
For further information, contact Embraer at core.executive@embraer.com.

(d) Install the new Radio Interface Unit (RIU) 1 (RIU-4010) PN 822-1863-639 in the mounting rack according to AMM TASK 23-53-01-400-801-A/400 - Radio Interface Unit (RIU) - Installation.

(e) Install again the Internal Stowage-Compartment Sidewall-Panel located on the RH center electronic rack. Refer to AMM TASK 25-51-02-400-801-A/400 - Internal Stowage-Compartment Sidewall Panel - Installation.

(f) Install again the access hatch 121AB located on the forward electronic compartment. Refer to AMM SDS 52-41-00/1.

(g) Gain access to the RH center electronic rack by opening the access panel 242FRW, located in zone 242.

(h) Remove and retain the Radio Interface Unit (RIU) 2 (RIU-4110) PN 822-1864-231 or PN 822-1864-233 or PN 822-1864-235 or PN 822-1864-237 from the mounting rack according to AMM TASK 23-53-01-000-801-A/400 - Radio Interface Unit (RIU) - Removal.

NOTE: Send the removed Radio Interface Unit (RIU) to Embraer, to the attention of the CORE Return. For this, log in the FlyEmbraer portal (http://www.flyembraer.com), go to "Parts & Claim" and fill out the "Core" with the Notification Number.
For further information, contact Embraer at core.executive@embraer.com.

(i) Install the new Radio Interface Unit (RIU) 2 (RIU-4110) PN 822-1864-239 in the mounting rack according to AMM TASK 23-53-01-400-801-A/400 - Radio Interface Unit (RIU) - Installation.

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(j) Close the access panel 242FRW, located in zone 242.

(k) Do the Radio Interface Unit (RIU) 1 (RIU-4010) PN 822-1863-639 and Radio Interface Unit (RIU) 2 (RIU-4110) PN 822-1864-239 configuration, according to AMM TASK 23-53-02-860-801-A/200 - Radio Interface Unit (RIU) External Compensation Unit - Configuration.

(2) APPLICABLE TO GROUPS 4, 6, 9, 13, 15 AND 19

(a) Remove the access hatch 121AB to get access to the forward electronic compartment. Refer to AMM SDS 52-41-00/1.

(b) Remove the Internal Stowage-Compartment Sidewall-Panel to get access to the RH center electronic rack. Refer to AMM TASK 25-51-02-000-801-A/400 - Internal Stowage-Compartment Sidewall Panel - Removal.

(c) Remove and retain the Radio Interface Unit (RIU) 1 (RIU-4010) PN 822-1863-632, or PN 822-1863-634, or PN 822-1863-636, or PN 822-1863-638 from the mounting rack according to AMM TASK 23-53-01-000-801-A/400 - Radio Interface Unit (RIU) - Removal.

NOTE: Send the removed Radio Interface Unit (RIU) to Embraer, to the attention of the CORE Return. For this, log in the FlyEmbraer portal (http://www.flyembraer.com), go to "Parts & Claim" and fill out the "Core" with the Notification Number.
For further information, contact Embraer at core.executive@embraer.com.

(d) Install the new Radio Interface Unit (RIU) 1 (RIU-4010) PN 822-1863-640 in the mounting rack according to AMM TASK 23-53-01-400-801-A/400 - Radio Interface Unit (RIU) - Installation.

(e) Install again the Internal Stowage-Compartment Sidewall-Panel located on the RH center electronic rack. Refer to AMM TASK 25-51-02-400-801-A/400 - Internal Stowage-Compartment Sidewall Panel - Installation.

(f) Install again the access hatch 121AB located on the forward electronic compartment. Refer to AMM SDS 52-41-00/1.

(g) Gain access to the RH center electronic rack by opening the access panel 242FRW, located in zone 242.

(h) Remove and retain the Radio Interface Unit (RIU) 2 (RIU-4110) PN 822-1864-232 or PN 822-1864-234 or PN 822-1864-236 or PN 822-1864-238 from the mounting rack according to AMM TASK 23-53-01-000-801-A/400 - Radio Interface Unit (RIU) - Removal.

NOTE: Send the removed Radio Interface Unit (RIU) to Embraer, to the attention of the CORE Return. For this, log in the FlyEmbraer portal (http://www.flyembraer.com), go to "Parts & Claim" and fill out the "Core" with the Notification Number.
For further information, contact Embraer at core.executive@embraer.com.

(i) Install the new Radio Interface Unit (RIU) 2 (RIU-4110) PN 822-1864-240 in the mounting rack according to AMM TASK 23-53-01-400-801-A/400 - Radio Interface Unit (RIU) - Installation.

(j) Close the access panel 242FRW, located in zone 242.

(k) Do the Radio Interface Unit (RIU) 1 (RIU-4010) PN 822-1863-640 and Radio Interface Unit (RIU) 2 (RIU-4110) PN 822-1864-240 configuration, according to AMM TASK 23-53-02-860-801-A/200 - Radio Interface Unit (RIU) External Compensation Unit - Configuration.

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C. Record the “WEIGHT" (BEW - Basic Empty Weight) and “ARM” values from 'FMS DEFAULTS' (page 1/3). To access the 'FMS DEFAULTS' page, refer to AMM TASK 34-61-00-470-801-A/200 - Flight Management System - Basic Empty Weight and Arm Configuration.

D. Record all the aircraft counters on the aircraft life cycle data page. To do this, refer to AMM TASK 45-45-00-970-806-A/200 - OMS Aircraft Condition Monitoring Data - Check.

NOTE: 1) You will need this information to enter the counters' values again on the parameters of the aircraft life cycle data page, on the parameter group "Aircraft Counters", after the installation of the software Load 7.1 version is complete.

2) After the complete installation of the software Load 7.1 version, maintenance fault messages will be lost. However, if SB550-42-0002 is accomplished, the maintenance fault messages are downloaded.

E. Install the new Avionics software load version. See the tables below the files that will be installed. Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

NOTE: 1) The SFIS-3900 configuration files, the MKP-6100 configuration files and the TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

2) Only the files specified in this service bulletin must be updated.

(1) IMS Files.

APPLICABLE TO ALL GROUPS	
IMS Software Components	PN
IMST-6010	810-0332-1E0030
IMSA-6010	810-0331-010

(2) IMAA Files.

APPLICABLE TO GROUP 1, GROUP 3, GROUP 4, GROUP 7, GROUP 10, GROUP 12, GROUP 13, GROUP 16, GROUP 17, GROUP 20 AND GROUP 22	
Mediaset CPN (See note 1) IMAA-6000 PN 810-0311-1E0031	Module
APM-CFG-1E0031	L-DCM_A L-DCM_B
APM-DD-1E0031	L-DCM_A L-DCM_B
APM-TSO-1E0031	L-DCM_A L-DCM_B
AFD-OPS-1E0031	Left AFD Center AFD Right AFD Bottom AFD
AFD-CFG-1E0030	Left AFD Center AFD Right AFD Bottom AFD

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APPLICABLE TO GROUP 1, GROUP 3, GROUP 4, GROUP 7, GROUP 10, GROUP 12, GROUP 13, GROUP 16, GROUP 17, GROUP 20 AND GROUP 22	
DCM-OPS-1E0031	L-DCM_A L-DCM_B
DSM-CFG-1E0030	Left DSM Right DSM
IOC-CFG-1E0030	L-DCM_A L-DCM_B
LIPC02-OPS-1E0031	L_CCM1
LIPC04-OPS-1E0031	L_CCM3
LIPC05-OPS-1E0031	L_CCM4
RIPC02-OPS-1E0031	R_CCM1
RIPC03-OPS-1E0030	R_CCM2
RIPC06-OPS-1E0031	R_CCM4
RIPC08-OPS-1E0031	R_CCM5
RIPC10-OPS-1E0031	R_SVM7
RCU35-0398-002A (811-0398-002)	Left DSM Right DSM
810-0088-110-SLOT4OPS	R_CCM2
810-0088-110-SLOT4CFG	R_CCM2
DMC-FCSTAT-1E0020	L-DCM_A L-DCM_B
DMC-FCSTAP-1E0020	L-DCM_A L-DCM_B
DMC-FCSTFG-1E0020	L-DCM_A L-DCM_B
810-0322-1E0001	R-CCM5

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 2, GROUP 5, GROUP 6, GROUP 8, GROUP 9, GROUP 11, GROUP 14, GROUP 15, GROUP 18, GROUP 19, GROUP 21 AND GROUP 23	
Mediaset CPN (See Note 1) IMAA-6000 PN 810-0311-1E0231	Module
APM-CFG-1E0231	L-DCM_A L-DCM_B
APM-DD-1E0231	L-DCM_A L-DCM_B
APM-TSO-1E0231	L-DCM_A L-DCM_B

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APPLICABLE TO GROUP 2, GROUP 5, GROUP 6, GROUP 8, GROUP 9, GROUP 11, GROUP 14, GROUP 15, GROUP 18, GROUP 19, GROUP 21 AND GROUP 23	
AFD-OPS-1E0031	Left AFD Center AFD Right AFD Bottom AFD
AFD-CFG-1E0030	Left AFD Center AFD Right AFD Bottom AFD
DCM-OPS-1E0031	L-DCM_A L-DCM_B
DSM-CFG-1E0030	Left DSM Right DSM
IOC-CFG-1E0030	L-DCM_A L-DCM_B
LIPC02-OPS-1E0031	L_CCM1
LIPC04-OPS-1E0031	L_CCM3
LIPC05-OPS-1E0031	L_CCM4
RIPC02-OPS-1E0031	R_CCM1
RIPC03-OPS-1E0030	R_CCM2
RIPC06-OPS-1E0031	R_CCM4
RIPC08-OPS-1E0031	R_CCM5
RIPC10-OPS-1E0231	R_SVM7
RCU35-0398-002A (811-0398-002)	Left DSM Right DSM
810-0088-110-SLOT4OPS	R_CCM2
810-0088-110-SLOT4CFG	R_CCM2
DMC-FCSTAT-1E0020	L-DCM_A L-DCM_B
DMC-FCSTAP-1E0020	L-DCM_A L-DCM_B
DMC-FCSTFG-1E0020	L-DCM_A L-DCM_B
810-0322-1E0001	R-CCM5

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

(3) Documents and tables Files.

APPLICABLE TO ALL GROUPS	
OMS Flex 6.1	PN (See note 1)
OMST-6000	810-0099-1E0005

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APPLICABLE TO ALL GROUPS	
OMSACM-6000	550-59011-915
OMSEQT-6000	550-59013-915
OMSTAR-6000	550-59015-915

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO ALL GROUPS	
EICAS Flex 4.2	PN (See Note 1)
CAST-6000	550-68100-263
SLT-6000	550-68200-254
FDAT-6000	550-68300-258

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 7, GROUP 8, GROUP 9, GROUP 16, GROUP 17, GROUP 18, GROUP 19, GROUP 20 AND GROUP 21	
FMS Databases	PN (See note 1)
Performance	096-0TV6-001
Vspeed	096-0TV5-001
Weight&Balance	096-0TV7-001

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 3, GROUP 4, GROUP 5, GROUP 6, GROUP 12, GROUP 13, GROUP 14 AND GROUP 15	
FMS Databases	PN (See note 1)
Performance	096-8978-004
Vspeed	096-8979-004
Weight&Balance	096-8980-004

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 10 AND GROUP 11	
FMS Databases	PN (See note 1)
Performance	096-0D94-001

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APPLICABLE TO GROUP 10 AND GROUP 11	
Vspeed	096-0D95-001
Weight&Balance	096-0D96-002

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 1, GROUP 2, GROUP 22 AND GROUP 23	
FMS Databases	PN (See note 1)
Performance	096-4750-004
Vspeed	096-4751-006
Weight&Balance	096-3693-003

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO ALL GROUPS	
Electronic Checklist Database	ECLDB_* (See note 1)

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 3, GROUP 4, GROUP 5, GROUP 6, GROUP 12, GROUP 13, GROUP 14 AND GROUP 15 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_L450
MAINTENANCE DOCUMENT	DOCMNT_L450
SUPPLEMENTAL DOCUMENT	DOCSUP_L450
OPERATION DOCUMENT	DOCOPR_L450

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 1, GROUP 2, GROUP 22 AND GROUP 23 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_L500
MAINTENANCE DOCUMENT	DOCMNT_L500
SUPPLEMENTAL DOCUMENT	DOCSUP_L500

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APPLICABLE TO GROUP 1, GROUP 2, GROUP 22 AND GROUP 23 (See note 1)	
OPERATION DOCUMENT	DOCOPR_L500

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 7, GROUP 8, GROUP 9, GROUP 16, GROUP 17, GROUP 18, GROUP 19, GROUP 20 AND GROUP 21 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_P500
MAINTENANCE DOCUMENT	DOCMNT_P500
SUPPLEMENTAL DOCUMENT	DOCSUP_P500
OPERATION DOCUMENT	DOCOPR_P500

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO GROUP 10 AND GROUP 11 (See note 1)	
IFIS Configuration Files	PN
FAULT ISOLATION DOCUMENT	DOCFIM_P600
MAINTENANCE DOCUMENT	DOCMNT_P600
SUPPLEMENTAL DOCUMENT	DOCSUP_P600
OPERATION DOCUMENT	DOCOPR_P600

NOTE: 1) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

APPLICABLE TO ALL GROUPS	
APM configuration files	PN (See note 1)
APM Options Partition	APMOPT_*
APM 3rd Party Partition	APMTPP_*

NOTE: 1) Specific for each aircraft serial number. Downloaded directly from the www.flyembraer.com after email is sent to contact.center@embraer.com in accordance with SB550-42-0002.

SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TAWS Configuration Files	(See note 1, 2 and 3)
CCMCSO	CCMCSO_1E0001_V4.1
CCMASO	CCMASO_1E0002B_V4.1
TPMCSO	TPMCSO_1E0001_V4.1

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SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TPMASO	TPMASO_1E0002A_V4.1

NOTE: 1) Applicable to aircraft serial numbers 5500003 thru 5500008, 5500010 thru 5500012, 5500014, 5500016 thru 5500018, 5500020 thru 5500022, 5500025 thru 5500030, 5500032 thru 5500034, 5500036, 5500039 thru 5500042, 5500044 thru 5500045, 5500047, 5500049 thru 5500053, 5500055, 5500057, 5500058, 5500060, 5500062, 5500063, 5500065, 5500070, 5500072, 5500074, 5500075, 5500078, 5500079, 5500081, 5500084, 5500085, 5500087, 5500090, 5500093, 55010003 thru 55010004, 55010006 thru 55010009, 55010011, 55010012, 55010015 thru 55010033, 55010036 thru 55010042, 55010044 thru 55010049, 55010051, 55010055, 55010056, 55010058, 55010061 thru 55010076, 55010080 thru 55010084, 55010086 thru 55010089, 55010091, 55010093 thru 55010101, 55010103 thru 55010108, 55010110 thru 55010112, 55010114 thru 55010116, 55010118 thru 55010121, 55010123, 55010124, 55010126 thru 55010128, 55010130, 55010132, 55010135 thru 55010137, 55010139, 55010142 thru 55010151, 55010153 thru 55010157, 55010161, 55010165, 55020104, 55020107 thru 55020111, 55020119 thru 55020123, 55020129, 55020130, 55020132, 55020133, 55020135 thru 55020137, 55020139, 55020142, 55020143, 55020148, 55020149, 55020151, 55020152, 55020154, 55020157, 55020159, 55020163, 55020164, 55020167, 55020171, 55020172, 55020175, 55020185, 55020186, 55020189, 55020190, 55020192, 55020196, 55020199, 55020201, 55020205, 55020207, 55020209, 55020210, 55020212, 55020213, 55020216 thru 55020219, 55020222, 55020224, 55020226, 55020233 and 55020235.

2) Applicable to aircraft serial numbers 5500019, 5500024, 5500031, 5500035, 5500037, 5500038, 5500046, 5500048, 5500061, 5500064, 5500066, 5500067, 5500073, 5500077, 55010005, 55010010, 55010014, 55010034, 55010035, 55020103, 55020125 and 55020126, if PRE-MOD SB550-34-0003.

3) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TAWS Configuration Files	(See note 1, 2, 3 and 4)
CCMCSO	CCMCSO_1E0001_V4.1
CCMASO	CCMASO_1E0002B_V4.1
TPMCSO	TPMCSO_1E0001_V4.1

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SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TPMASO	TPMASO_1E0002A_WS_WoCaut

NOTE: 1) Applicable to aircraft serial numbers 55010077 thru 55010079, 55010092, 55010102, 55010109, 55010113, 55010117, 55010122, 55010129, 55010131, 55010133, 55010140, 55010141, 55010158, 55010159, 55010162, 55010164, 55020115, 55020117, 55020118, 55020127, 55020128, 55020134, 55020138, 55020140, 55020141, 55020144 thru 55020147, 55020150, 55020155, 55020156, 55020158, 55020160, 55020161, 55020165, 55020166, 55020168 thru 55020170, 55020173, 55020174, 55020176 thru 55020184, 55020187, 55020188, 55020191, 55020193 thru 55020195, 55020197, 55020198, 55020200, 55020203, 55020204, 55020206, 55020208, 55020211, 55020214, 55020220, 55020225, 55020227 thru 55020232, 55020234 and 55020236 thru 55020238.

2) Applicable to aircraft serial numbers 55000043, 55000068, 55000069, 55000076, 55000080, 55000082, 55000083, 55000086, 55000088, 55000091, 55010043, 55010050, 55010052 thru 55010054, 55010057, 55010059, 55010060, 55020002, 55020105, 55020106, 55020112 thru 55020114 and 55020116, if POST-MOD SB550-34-0017.

3) Applicable to aircraft serial numbers 55000019, 55000024, 55000031, 55000035, 55000037, 55000038, 55000046, 55000048, 55000061, 55000064, 55000066, 55000067, 55000073, 55000077, 55010005, 55010010, 55010014, 55010034, 55010035, 55020103, 55020125 and 55020126, if POST-MOD SB550-34-0003 and if POST-MOD SB550-34-0017.

4) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TAWS Configuration Files	(See note 1, 2, 3 and 4)
CCMCSO	CCMCSO_1E0001_V4.1
CCMASO	CCMASO_1E0002B_V4.1
TPMCSO	TPMCSO_1E0001_V4.1

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SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TPMASO	TPMASO_1E0002A_V4.1_WS

NOTE: 1) Applicable to aircraft serial numbers 55000056, 55000092, 55010085, 55010090, 55010125, 55010134, 55010138, 55020124, 55020131, 55020153, 55020162, 55020202, 55020215, 55020221 and 55020223.

2) Applicable to aircraft serial numbers 55000043, 55000068, 55000069, 55000076, 55000080, 55000082, 55000083, 55000086, 55000088, 55000091, 55010043, 55010050, 55010052 thru 55010054, 55010057, 55010059, 55010060, 55020002, 55020105, 55020106, 55020112 thru 55020114 and 55020116, if PRE-MOD SB550-34-0017.

3) Applicable to aircraft serial numbers 55000019, 55000024, 55000031, 55000035, 55000037, 55000038, 55000046, 55000048, 55000061, 55000064, 55000066, 55000067, 55000073, 55000077, 55010005, 55010010, 55010014, 55010034, 55010035, 55020103, 55020125 and 55020126, if POST-MOD SB550-34-0003 and if PRE-MOD SB550-34-0017.

4) Downloaded directly from www.flyembraer.com. The path for the zip file that contains the listed file(s) is shown in the AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

(4) Database Files.

APPLICABLE TO ALL GROUPS	
Rockwell Collins Database Files	(See Note 1)
NAV_J61_*(See Note 2)	
ENROUTE_*	
XMGWx_* (If required)	
DLGWx_* (- If required)	
EMaps_*	
ASDB*	
OBST*	
APT_RWY_*	
EDB_*	
TDB_*	

NOTE: 1) Downloaded directly from www.rockwellcollins.com.

2) Make sure that the NAV_J61_* database was correctly selected.

APPLICABLE TO ALL GROUPS	
Jeppesen Database File	(See Note 1)

NOTE: 1) Make sure that the Jeppesen region for IFIS is activated.

(5) Software license key.

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APPLICABLE TO ALL GROUPS	
Software License Keys	PN (See note 1)

NOTE: 1) Specific for each aircraft serial number. Software License Key must be downloaded directly from the Rockwell Collins (https://portal.rockwellcollins.com/web/support-self-service/encrypted-application-keys). Refer to AMM TASK 42-00-00-470-807-A/200 - Application License Key - Configuration.

(6) Software configuration file restore - Field-loadable LRUs.

NOTE: The SFIS-3900 configuration files, the MKP-6100 configuration files and the TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

APPLICABLE TO ALL GROUPS	
SFIS-3900 Configuration Files	(See Note 1)
SFIA-3900	810-0252-005
OCMT-3900	810-0253-1E0004

NOTE: 1) Restore the SFIS-3900 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-013_TSSA_SYSTEM
	810-0052-013_TSSA_TRAFFIC
TSSE-4100	810-0250-090-TSSE

NOTE: 1) Applicable to aircraft serial numbers 55000003, 55000004, 55000005, 55000006, 55000007, 55000008, 55000010, 55000011, 55000012, 55000014, 55000016, 55000017, 55000018, 55000019, 55000020, 55000021, 55000022, 55000024, 55000025, 55000026, 55000027, 55000028, 55000029, 55000030, 55000031, 55000032, 55000033, 55000034, 55000035, 55000036, 55000037, 55000038, 55000039, 55000040, 55000041, 55000043, 55000044, 55000045, 55000046, 55000048, 55000049, 55000052, 55000053, 55010003, 55010004, 55010005 and 55010007, if PRE-MOD SB550-34-0002.

2) The SFIS-3900 configuration files, the MKP-6100 configuration files and the TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSA-4100	810-0052-101_TSSA_SYSTEM
	810-0052-101_TSSA_TRAFFIC
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55000063, if PRE-MOD SB550-42-0011.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTES 1, 2 AND 3 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2, 3, 4 and 5)
TSSA-4100	810-0052-102_TSSA_SYSTEM
	810-0052-102_TSSA_TRAFFIC
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55000042, 55000047, 55000050, 55000051, 55000055, 55000056, 55000057, 55000058, 55000060, 55000061, 55000062, 55000064, 55000065, 55000066, 55000067, 55000068, 55000069, 55000072, 55000073, 55000074, 55000075, 55000076, 55000077, 55000078, 55000079, 55000080, 55000081, 55000082, 55000083, 55000084, 55000085, 55000086, 55000087, 55000088, 55000090, 55000091, 55020002, 55020103, 55020104, 55020105, 55020106, 55020107, 55020108, 55020109, 55020110, 55020111, 55020112, 55020113, 55020114, 55020116, 55020118, 55020119, 55020120, 55020121 and 55020122.

2) Applicable to aircraft serial number 55000063, if POST-MOD SB550-42-0011.

3) Applicable to aircraft serial number 55000003, 55000004, 55000005, 55000006, 55000007, 55000008, 55000010, 55000011, 55000012, 55000014, 55000016, 55000017, 55000018, 55000019, 55000021, 55000022, 55000024, 55000025, 55000026, 55000027, 55000028, 55000029, 55000030, 55000031, 55000032, 55000033, 55000034, 55000035, 55000036, 55000037, 55000038, 55000039, 55000040, 55000041, 55000043, 55000044, 55000045, 55000046, 55000048, 55000049, 55000052 and 55000053, if POST-MOD SB550-34-0002.

4) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

5) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2, 3 and 4)

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SEE NOTES 1 AND 2 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSA-4100	810-0052-102_TSSA_SYSTEM
	810-0052-102_TSSA_TRAFFIC
TSSE-4100	810-0250-092_TSSE

NOTE: 1) Applicable to aircraft serial number 55010006, 55010008, 55010009, 55010010, 55010011, 55010012, 55010014, 55010015, 55010016, 55010017, 55010018, 55010019, 55010020, 55010021, 55010022, 55010023, 55010024, 55010025, 55010026, 55010027, 55010028, 55010029, 55010030, 55010031, 55010032, 55010033, 55010034, 55010035, 55010036, 55010037, 55010038, 55010039, 55010040, 55010041, 55010042, 55010043, 55010044, 55010045, 55010046, 55010047, 55010048, 55010049, 55010050, 55010051, 55010052, 55010053, 55010054, 55010055, 55010056, 55010057, 55010058, 55010059, 55010060, 55010061, 55010062, 55010064, 55010065, 55010066, 55010067, 55010068, 55010069, 55010070, 55010089, 55010090, 55010105, 55010106 and 55010108.

2) Applicable to aircraft serial number 55000020, 55010003, 55010004, 55010005 and 55010007, if POST-MOD SB550-34-0002.

3) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

4) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55000092, 55000093, 55020124, 55020125, 55020126, 55020127, 55020130, 55020131, 55020133, 55020137, 55020139, 55020142, 55020146, 55020147, 55020148, 55020149, 55020151, 55020152, 55020153, 55020154, 55020159, 55020161, 55020162, 55020163, 55020164, 55020165, 55020166 and 55020171.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC
TSSE-4100	810-0250-092_TSSE

NOTE: 1) Applicable to aircraft serial number 55010063, 55010071, 55010072, 55010073, 55010074, 55010075, 55010080, 55010081, 55010082, 55010083, 55010084, 55010085, 55010086, 55010087, 55010091, 55010093, 55010094, 55010095, 55010096, 55010097, 55010098, 55010099, 55010100, 55010101, 55010103, 55010104 and 55010107.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC
TSSE-4100	810-0250-093_TSSE

NOTE: 1) Applicable to aircraft serial number 55000070, 55020115, 55020117, 55020123, 55020128, 55020129, 55020132, 55020134, 55020135, 55020136, 55020138, 55020140, 55020141, 55020143, 55020144, 55020145, 55020150, 55020155, 55020156, 55020157, 55020158, 55020160, 55020167, 55020168, 55020169, 55020170, 55020172, 55020173, 55020174, 55020175, 55020177, 55020178 and 55020179.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-110_TSSA_SYSTEM
	810-0052-110_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-094_TSSE

NOTE: 1) Applicable to aircraft serial number 55010076, 55010077, 55010078, 55010079, 55010088, 55010092 and 55010102.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC
TSSE-4100	810-0250-091_TSSE

NOTE: 1) Applicable to aircraft serial number 55020180, 55020184, 55020185, 55020186, 55020189, 55020192, 55020195, 55020196, 55020198, 55020199, 55020205, 55020207, 55020209, 55020210, 55020212, 55020216, 55020217, 55020218, 55020220, 55020221, 55020222, 55020224, 55020226, 55020233, 55020235 and 55020236.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-092_TSSE

NOTE: 1) Applicable to aircraft serial number 55010110, 55010111, 55010112, 55010114, 55010115, 55010116, 55010118, 55010119, 55010120, 55010121, 55010124, 55010126, 55010127, 55010128, 55010130, 55010137, 55010138, 55010139, 55010142, 55010143, 55010144, 55010145, 55010146, 55010147, 55010148, 55010149, 55010150, 55010151, 55010153, 55010154, 55010156, 55010157 and 55010165.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC
TSSE-4100	810-0250-093_TSSE

NOTE: 1) Applicable to aircraft serial number 55020176, 55020181, 55020182, 55020183, 55020187, 55020188, 55020190, 55020191, 55020193, 55020194, 55020197, 55020200, 55020201, 55020202, 55020203, 55020204, 55020206, 55020208, 55020211, 55020213, 55020214, 55020215, 55020219, 55020223, 55020225, 55020227, 55020228, 55020229, 55020230, 55020231, 55020232, 55020234, 55020237 and 55020238.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSS-4100 Configuration Files	SOFTWARE FILE NAME (See note 1, 2 and 3)
TSSA-4100	810-0052-111_TSSA_SYSTEM
	810-0052-111_TSSA_TRAFFIC

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SEE NOTE 1 BELLOW FOR AIRCRAFT APPLICABILITY	
TSSE-4100	810-0250-094_TSSE

NOTE: 1) Applicable to aircraft serial number 55010109, 55010113, 55010117, 55010122, 55010123, 55010125, 55010129, 55010131, 55010132, 55010133, 55010134, 55010135, 55010136, 55010140, 55010141, 55010155, 55010158, 55010159, 55010161, 55010162 and 55010164.

2) The TSS-4100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

3) Restore the TSS-4100 software and configuration files following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

APPLICABLE TO ALL GROUPS	
MKP-6100 File	(See Note 1)
MKPA-6100	810-0223-002 (096-3632-002)

NOTE: 1) The MKP-6100 configuration files shall be used only to perform the restore process, following the steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

2) Restore the MKP-6100 software file following the applicable steps of the AMM TASK 42-31-00-470-801-A/200 - IMS Load Software Set - Restore.

(7) Do the checks below:

(a) Software license key.

1 Do a check of the ‘Software License’ keys on "License MGMT" page and make sure that the license codes are inserted in accordance with the aircraft optional configuration. Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

(b) IMAA Files.

1 APPLICABLE TO GROUP 1, GROUP 3, GROUP 4, GROUP 7, GROUP 10, GROUP 12, GROUP 13, GROUP 16, GROUP 17, GROUP 20 AND GROUP 22

a Do a check of the ‘IMAA software files’ part numbers on the "System Configuration" page and make sure that the part number is PN 810-0311-1E0031. Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

2 APPLICABLE TO GROUP 2, GROUP 5, GROUP 6, GROUP 8, GROUP 9, GROUP 11, GROUP 14, GROUP 15, GROUP 18, GROUP 19, GROUP 21 AND GROUP 23

a Do a check of the ‘IMAA software files’ part numbers on the "System Configuration" page and make sure that the part number is PN 810-0311-1E0231. Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

(c) Documents and tables Files.

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1 Do a check of the ‘Documents and Tables’ part numbers on "Databases Status" page and make sure that the part numbers are the same listed on step Step 3.E.(3). Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

2 The FMSA software file related to avionics software Load 7.1 is PN 810-0163-1E0004.

(d) Database Files

1 Do a check of the ‘Database’ files on "Databases Status" page (from Rockwell Collins and Jeppesen) and make sure that the files are all installed and updated in accordance with the aircraft baseline and optional configuration referred to on step Step 3.E.(4). Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

2 Make sure that the ‘Jeppesen Database’ (Terminal Charts) file is enabled with the Subscription Code. Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

(e) FMS performance avionics documents and tables files part numbers

1 Do a check of the ‘FMS Databases’ part numbers listed in the “FMS” page, on ‘INIT’ screen, and make sure that the part numbers are the same listed on step Step 3.E.(3). Refer to AMM TASK 42-00-00-470-808-A/200 - New Avionics Software Load Version - Uploading.

F. Restore the aircraft to normal condition.

G. Enter the aircraft tail number. Refer to AMM TASK 45-45-00-970-807-A/200 - OMS Utility Functions.

H. Do the AMM TASK 73-21-00-970-801-A/200 - FADEC System - Download of Engine Fault Data if "ENG DOWNLOAD REQ'D" shows on the Crew Alerting System (CAS).

I. Reload the “WEIGHT" (BEW - Basic Empty Weight) and “ARM” values on 'FMS DEFAULTS' page. Refer to AMM TASK 34-61-00-470-801-A/200 - Flight Management System - Basic Empty Weight and Arm Configuration.

J. Reload the aircraft counters on the aircraft life cycle data page. To do this, refer to AMM TASK 45-45-00-970-807-A/200 - OMS Utility Functions to access the "Change Aircraft Life Cycle Data" page and to reload all the counters.

K. Enter the accomplishment of this bulletin in the applicable documents.

L. Please use the online SB evaluation form available on the FlyEmbraer portal (http://www.flyembraer.com). Go to "Maintenance > Executive Jets > TechPubs > Select aircraft > Tools > SB Evaluation > NEW SB EVALUATION" to inform us about the SBs that you have incorporated to your fleet, as well as the difficulties found during the SB incorporation.

This will allow Embraer to consider your aircraft configuration when providing future modifications.

Your feedback will be much appreciated to improve the quality of Embraer modifications.

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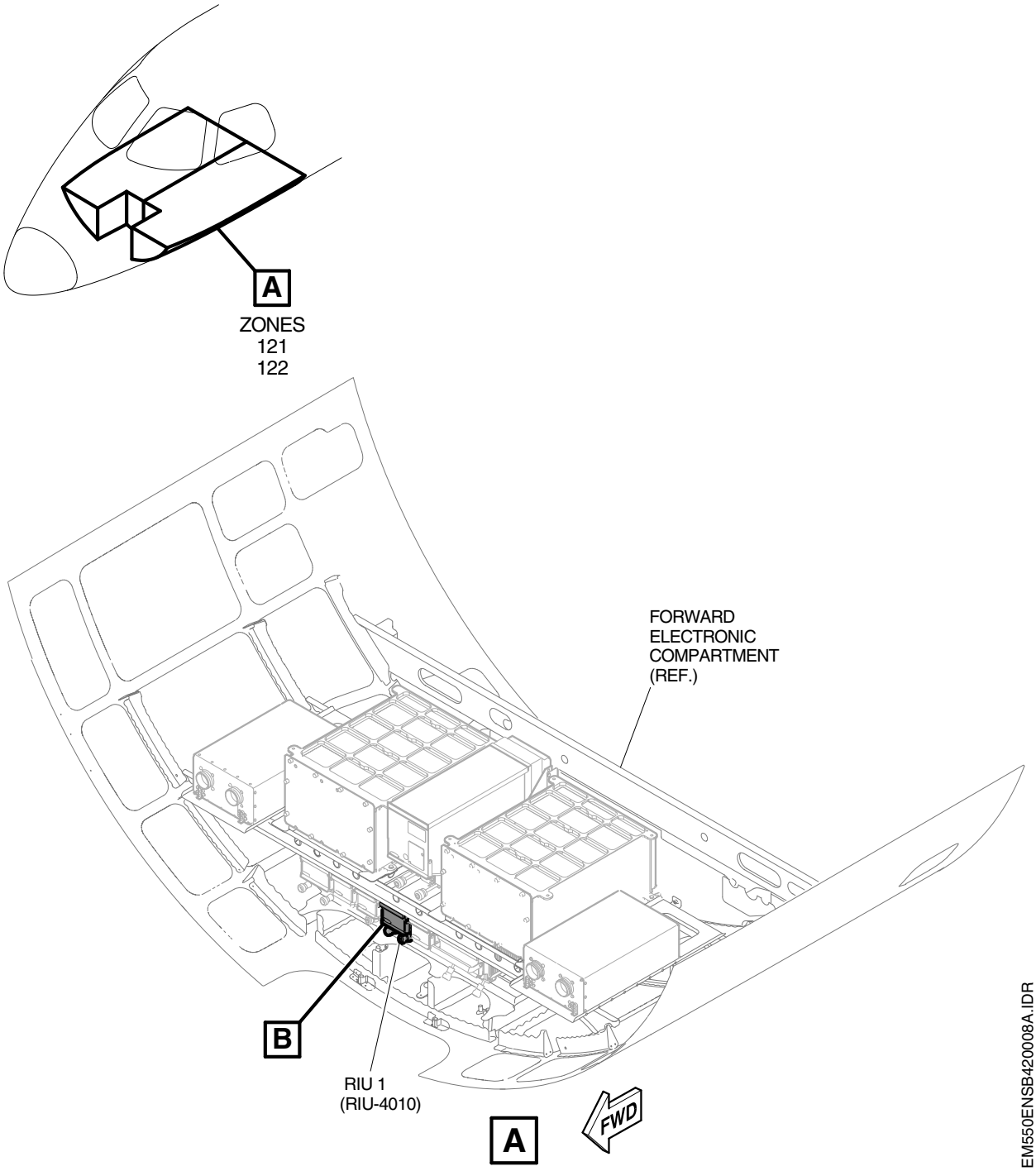


FIGURE 1 - RIU 1 (RIU-4010) REPLACEMENT - APPLICABLE TO GROUPS 1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 16, 18, 20, 21, 22 AND 23
(Sheet 1 of 2)

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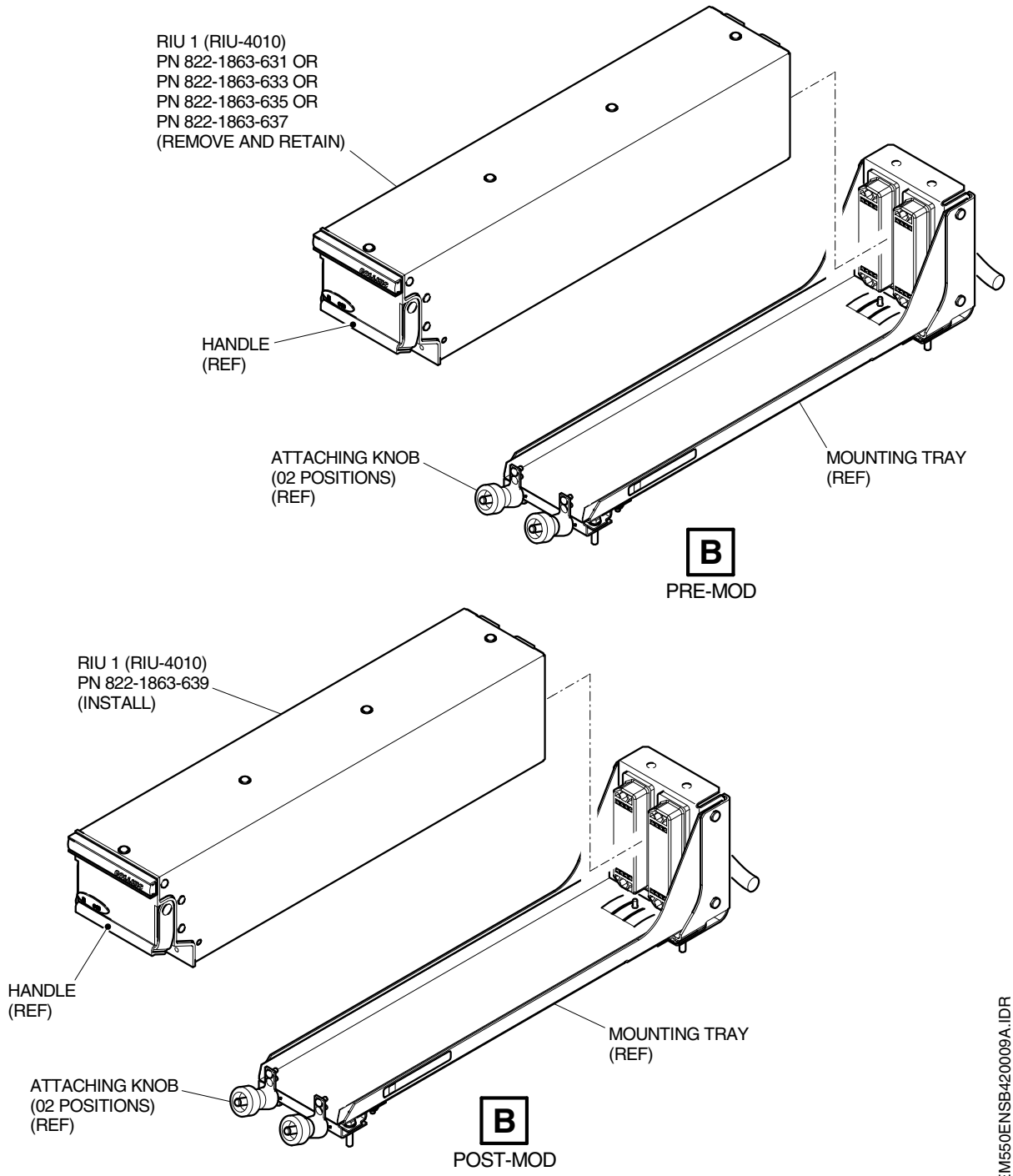


FIGURE 1 - RIU 1 (RIU-4010) REPLACEMENT - APPLICABLE TO GROUPS 1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 16, 18, 20, 21, 22 AND 23
(Sheet 2 of 2)

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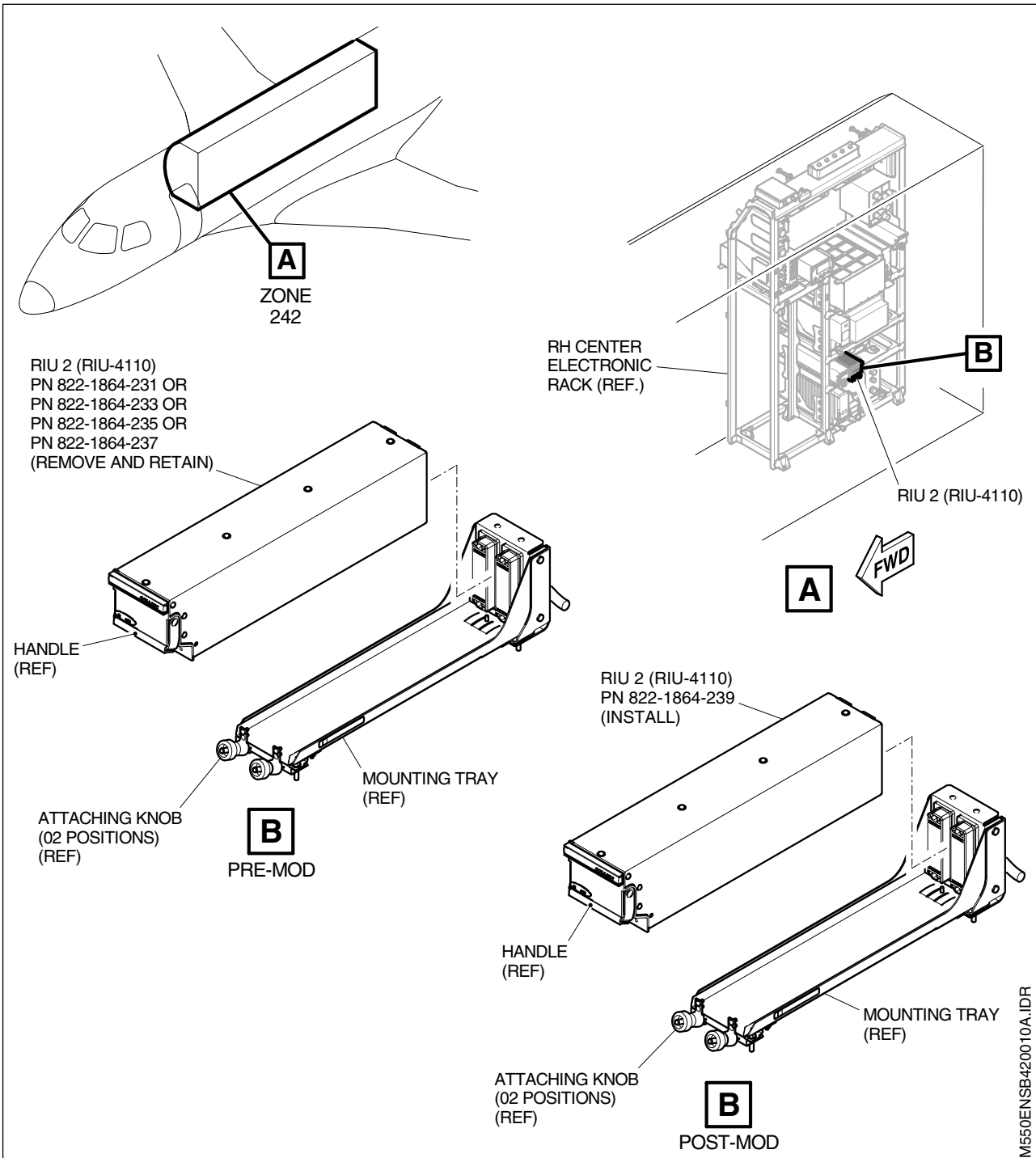


FIGURE 2 - RIU 2 (RIU-4110) REPLACEMENT - APPLICABLE TO GROUPS 1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 16, 18, 20, 21, 22 AND 23
(Sheet 1 of 1)

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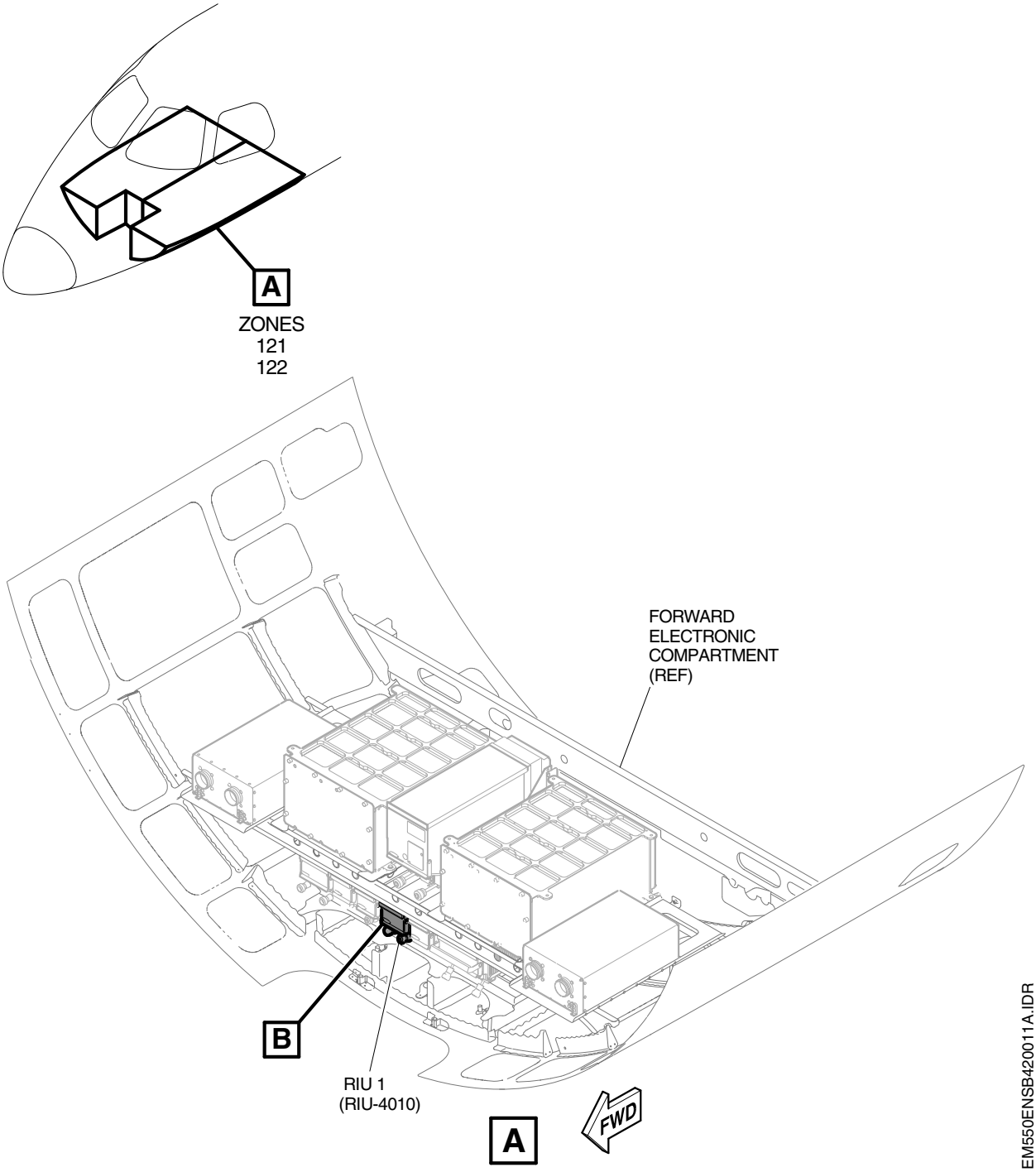


FIGURE 3 - RIU 1 (RIU-4010) REPLACEMENT - APPLICABLE TO GROUPS 4, 6, 9, 13, 15, 17 AND 19
(Sheet 1 of 2)

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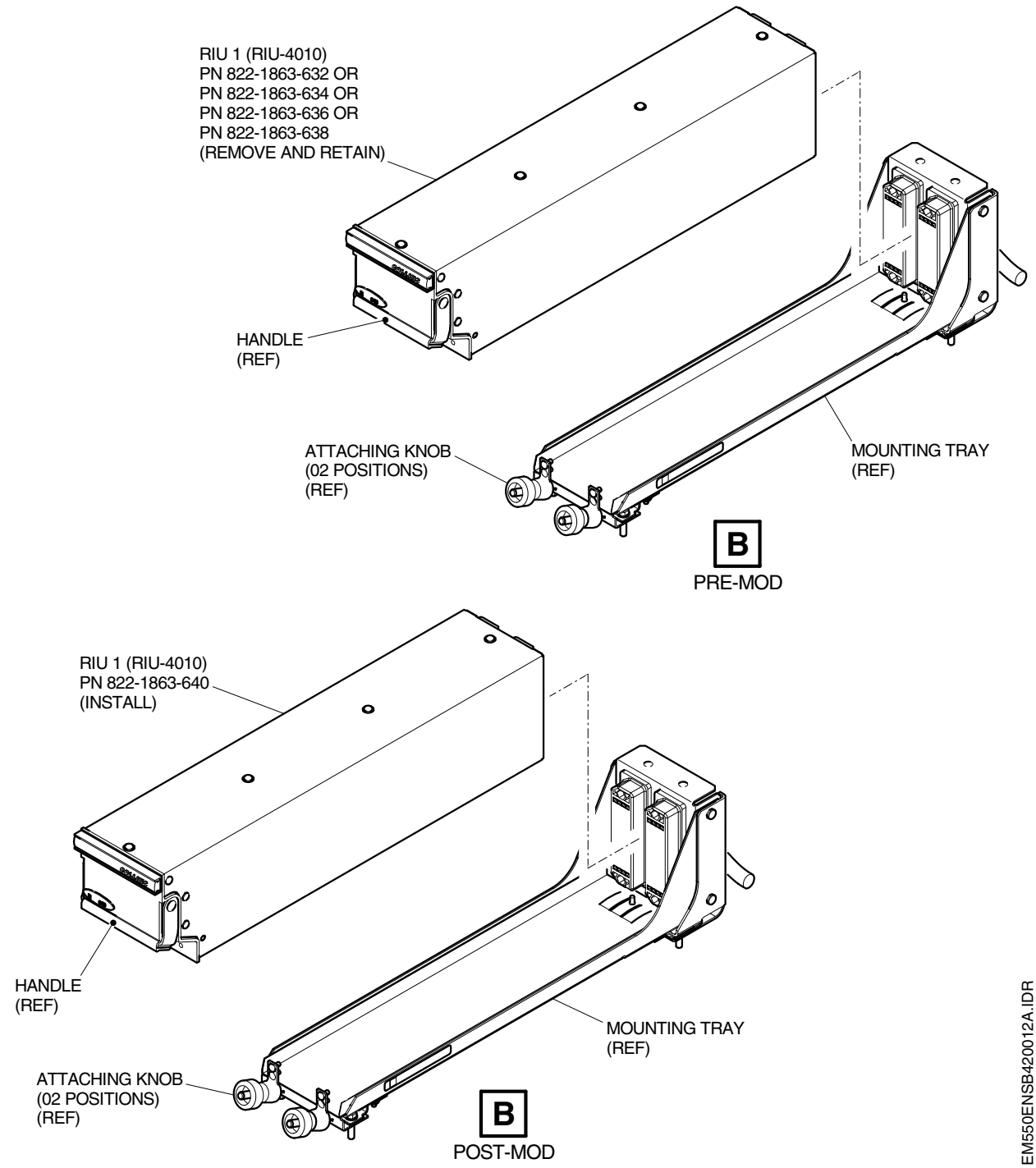


FIGURE 3 - RIU 1 (RIU-4010) REPLACEMENT - APPLICABLE TO GROUPS 4, 6, 9, 13, 15, 17 AND 19
(Sheet 2 of 2)

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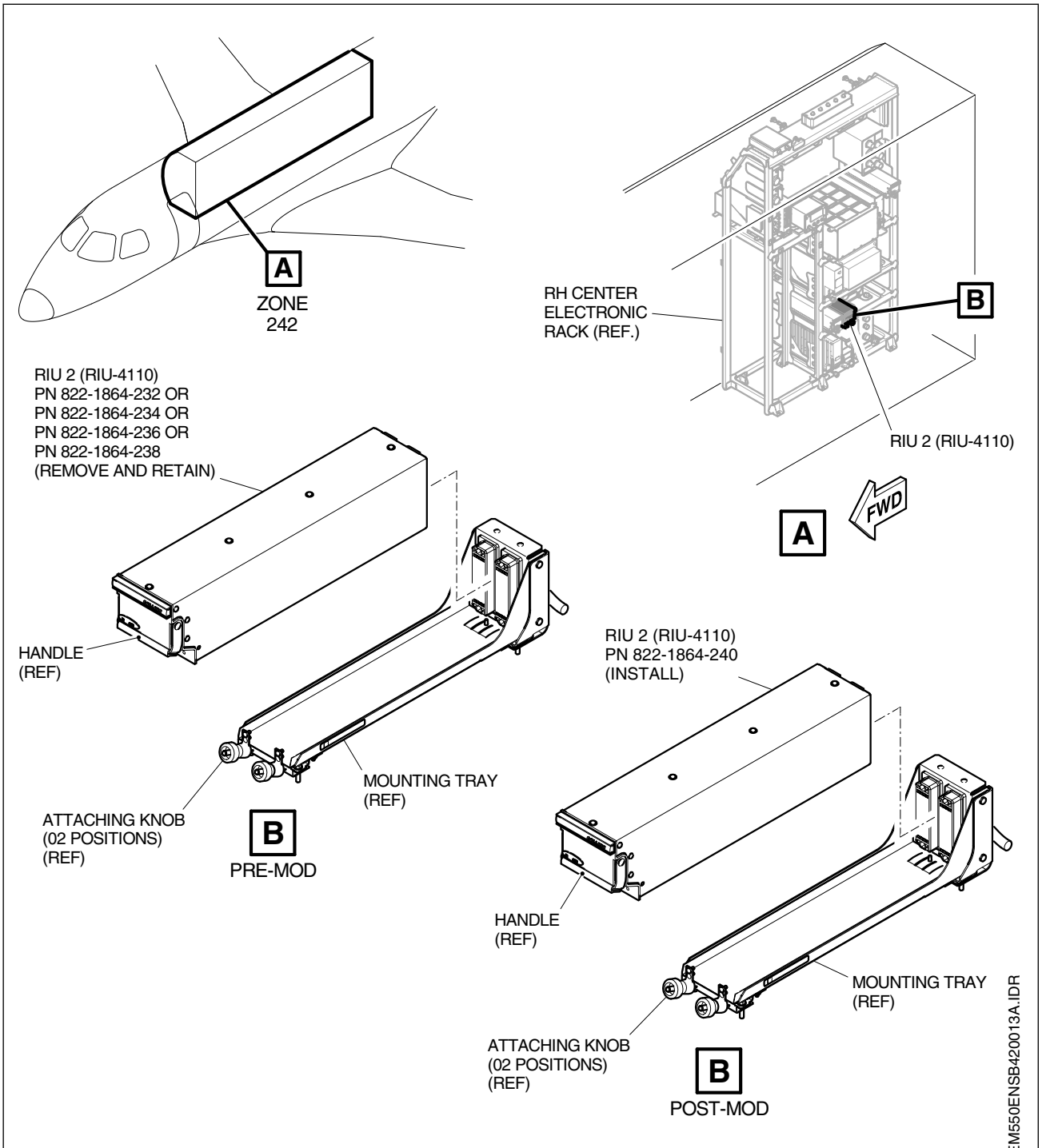


FIGURE 4 - RIU 2 (RIU-4110) REPLACEMENT - APPLICABLE TO GROUPS 4, 6, 9, 13, 15, 17 AND 19
(Sheet 1 of 1)

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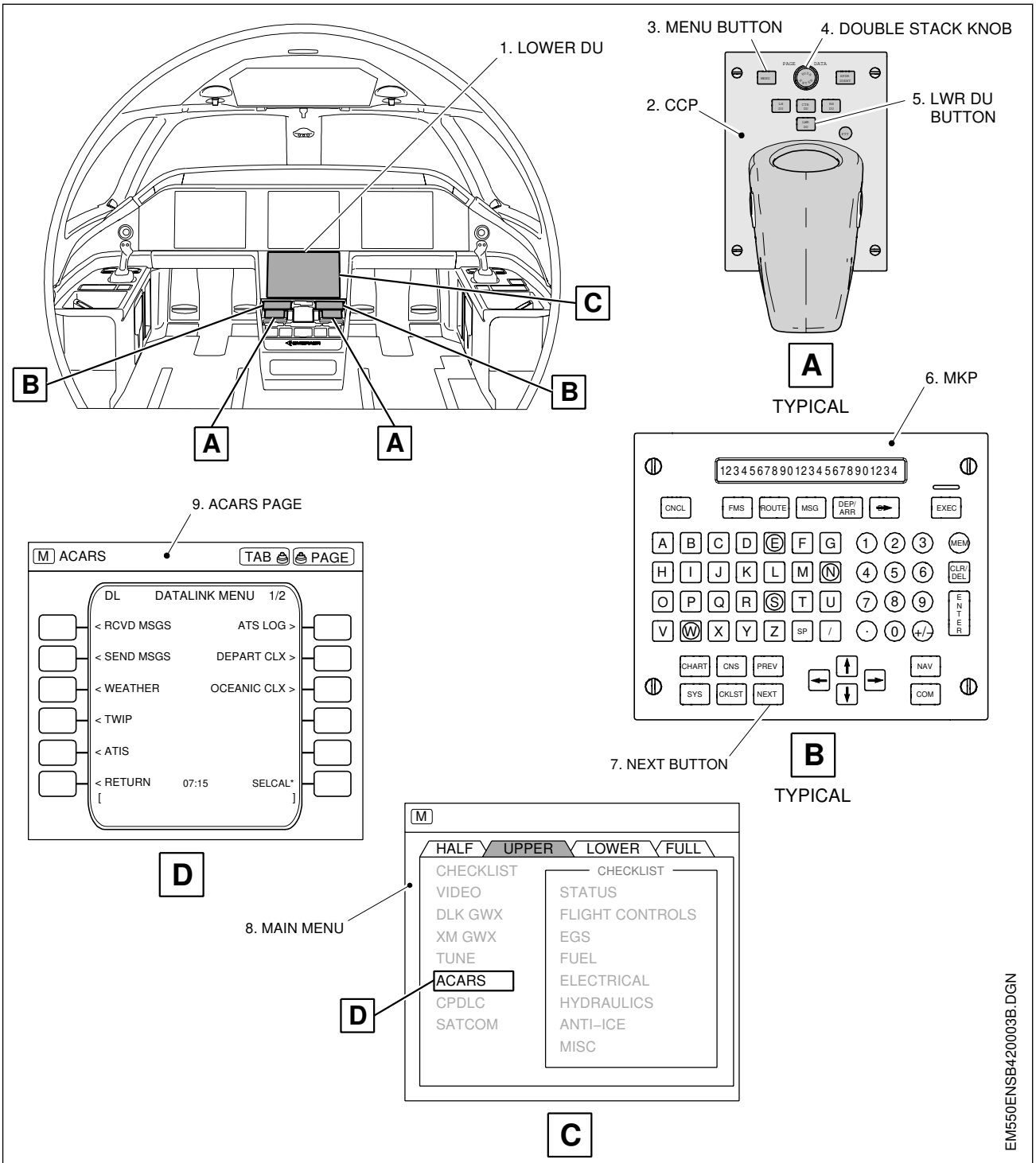


FIGURE 5 - RADIO INTERFACE UNIT - CONFIGURATION
(Sheet 1 of 1)

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