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COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

Stowage S1

**PART NUMBER
1841000**

BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

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SERVICE BULLETIN LIST

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INTRODUCTION

TASK 25-21-77-99F-801-A00

1. GENERAL

- A. This manual has been compiled in accordance with the requirements set out in the specification iSpec 2200. The information is prepared in accordance with air transport requirements in order to provide such data as is necessary for an approved repairer to return an unserviceable Stowage S1 to a serviceable condition.
- B. Referenced manuals issued by suppliers (refer to the figures and item numbers in page block 10001, [ILLUSTRATED PARTS LIST](#)) have been established under the authority of supplier's quality management.
- C. The technical content of this document is approved under the authority of DOA Ref. EASA.21J.398.

TASK 25-21-77-99F-802-A00

2. MANUFACTURING

- A. The Stowage S1 is manufactured and product supported by:

Bucher Leichtbau AG
Industriestrasse 1a
CH-8117 Faellanden
Switzerland
CAGE: S4453
- B. Contact

Telephone: +41 44 806 24 24
Telefax: +41 44 806 24 10
Email: CMM@bucher-group.com
Internet: www.bucher-group.com

TASK 25-21-77-99F-803-A00

3. FAILURE, MALFUNCTION AND DEFECT REPORTING

- A. Failures, malfunctions, defects and bad conditions at the unit must be reported to the manufacturer immediately.
- B. A report form can be downloaded from the website:

<http://www.bucher-group.com>

TASK 25-21-77-99F-804-A00

4. MANUAL LAYOUT

In this manual, the page blocks are listed in the order that follows:

BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

PAGE BLOCK NUMBER	PAGE BLOCK TITLE
1	Description and Operation
1000	Testing and Fault Isolation
2000	Schematics and Wiring Diagrams
3000	Disassembly
4000	Cleaning
5000	Check
6000	Repair
7000	Assembly
8000	Fits and Clearances
9000	Special Tools, Fixtures, Equipment and Consumables
10000	Illustrated Parts List
11000	Special Procedures
12000	Removal
13000	Installation
14000	Servicing
15000	Storage including Transportation
16000	Rework

PAGE BLOCK – NUMBER AND TITLE
TABLE 1

TASK 25-21-77-99F-805-A00

5. MAINTENANCE POLICY

- A. The component maintenance manual provides procedures that will enable an approved repairer, who is unfamiliar with the component, to restore the Stowage S1 to a serviceable condition. These procedures are prepared for the repairer who performs the shop work.
- B. To get further support on all parts, assemblies, procedures etc. of the Stowage S1 not given in this CMM - due to legal, official or organizational regulations - the repairer must contact the manufacturer.
- C. It is the manufacturer's decision how support, other than in the CMM, is given, i.e. sketches, design documents, reference documentation, original drawings (in part or in full), parts lists or detailed written procedures.

TASK 25-21-77-99F-806-A00

6. REVISION SERVICE

This manual will be updated as required by revisions. Changes to hardware given in service bulletins will be included in this manual with revisions. Configuration changes will be shown in the text by the service bulletin number, i.e. pre-service bulletin and post-service bulletin. Procedures of illustrations not identified by pre-service bulletin or post-service bulletin, refer to all configurations.

TASK 25-21-77-99F-807-A00

7. SHOP VERIFICATION

The procedures within this manual have been shop verified by the manufacturer. The page blocks **TESTING AND FAULT ISOLATION**, **DISASSEMBLY** and **ASSEMBLY** were verified by actually performing the functions described in these sections.

TASK 25-21-77-99F-808-A00

8. WARNINGS, CAUTIONS, NOTES

A. The adjuncts to the text are expressed by the following signal words:

(1) WARNING

Warnings call attention to the use of materials, processes, procedures, methods, or limits that must be followed precisely to avoid death or injury of persons.

(2) CAUTION

Cautions call attention to methods and procedures that must be followed to avoid damage to the equipment.

(3) NOTE

Notes call attention to methods that make the job easier.

TASK 25-21-77-99F-809-A00

9. MEASUREMENT UNITS

All the units in this manual are metric with the English equivalents shown in parenthesis. Units of temperature are in degree Celsius, degree Fahrenheit shown in parenthesis.

TASK 25-21-77-99F-810-A00

10. LIST OF ABBREVIATIONS

A	Ampere
A/C	Aircraft
AIRL.	Airline
AR	As Required
AWL	Attendant Work Light
BKDN	Breakdown
C	Celsius
CAGE	Federal Supply Code for Manufacturer
CMM	Component Maintenance Manual
COMP	Compartment(s)

BUCHER
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PART NUMBER 1841000

CPL	Complete
DOA	Design Organisation Approval
EFF	Effective, Effectivity
F	Fahrenheit
FIG.	Figure
GND	Ground
in.	Inch
IND	Indenture
IPL	Illustrated Parts List
kg	Kilogram
lbs	Pounds
LH	Left Hand
LOV	List of Vendors
Meg	Mega
mm	Millimeter
Nm	Newtonmeter
NO.	Number
NP	Not Procurable
OVI	Optional Vendor Index
PNR	Part Number
RF	Reference
SPM	Standard Practices Manual
SU	Standard Unit
TR	Temporary Revision
UPA	Units per Assy

DESCRIPTION AND OPERATION

TASK 25-21-77-99F-811-A00

1. GENERAL

This page block has description and operation information about the Stowage S1.

TASK 25-21-77-870-801-A00

2. DESCRIPTION

- A. The Stowage S1 is located in the aft section of the aircraft on the LH side.
- B. The Stowage S1 is used to store miscellaneous stowage and for the stowage of emergency equipment.
- C. The Stowage S1 is made of an aluminum structure with honeycomb decor panels.
- D. The six (6) compartments 330 to 334 and 312 are used for stowage functions.
- E. The two (2) compartments 301 and 311 are used as wardrobe.
- F. The emergency equipment is located in the compartments 330, 332 and 333.
- G. The Stowage S1 is mounted to the aircraft with upper attachments.
- H. The Stowage S1 has the following main components, systems and installations:

- (1) Stowage Assembly
 - (a) Door Installation
 - (b) Latch Installation
 - (c) Guide Angle Installation
 - (d) Upper Attachment
 - (e) Folding Table Assy
 - (f) Decor Panel

- (2) Electrical System
 - Harness

- (3) Placard Installation

NOTE: For an illustrated view of the main components, systems and installations, refer to [FIG 1](#).

NOTE: For the numbering of the compartments, refer to [FIG 2](#).

- I. The Stowage S1 has the following accessories and equipment:

NOTE: Some of the accessories and equipment are not manufactured by Bucher Leichtbau AG. Refer to the applicable manufacturer manuals for detailed description and operation. For an illustrated view of the equipment, refer to the [FIG 3](#).

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COMPARTMENT	QUANTITY	ACCESSORY OR EQUIPMENT
301, 311	1	SU or Wardrobe PNR: UAH017-101OS
312 on structure	1	Misc. Stowage or Wardrobe Sell GmbH CAGE: D2249 PNR: 8922-12-0000-01
330 to 334 on structure	1	Misc. Stowage CAGE: 63367 B/E Aerospace APC PNR: 4510-15UG00 CMM: 25-33-20

STOWAGE S1 - ACCESSORIES AND EQUIPMENT (DELIVERY)
TABLE 1

J. The Stowage S1 has the following emergency equipment:

NOTE: For an illustrated view of the mounting position of the emergency equipment, refer to the [FIG 4](#).

COMPARTMENT	QUANTITY	EMERGENCY EQUIPMENT
332, 333	each 1	First Aid Kit Innovint CAGE: C5307 PNR: 6240-37
332	1	Restrain Kit PNR: X.25.0001

STOWAGE S1 - EMERGENCY EQUIPMENT
TABLE 2 (continued on next page)

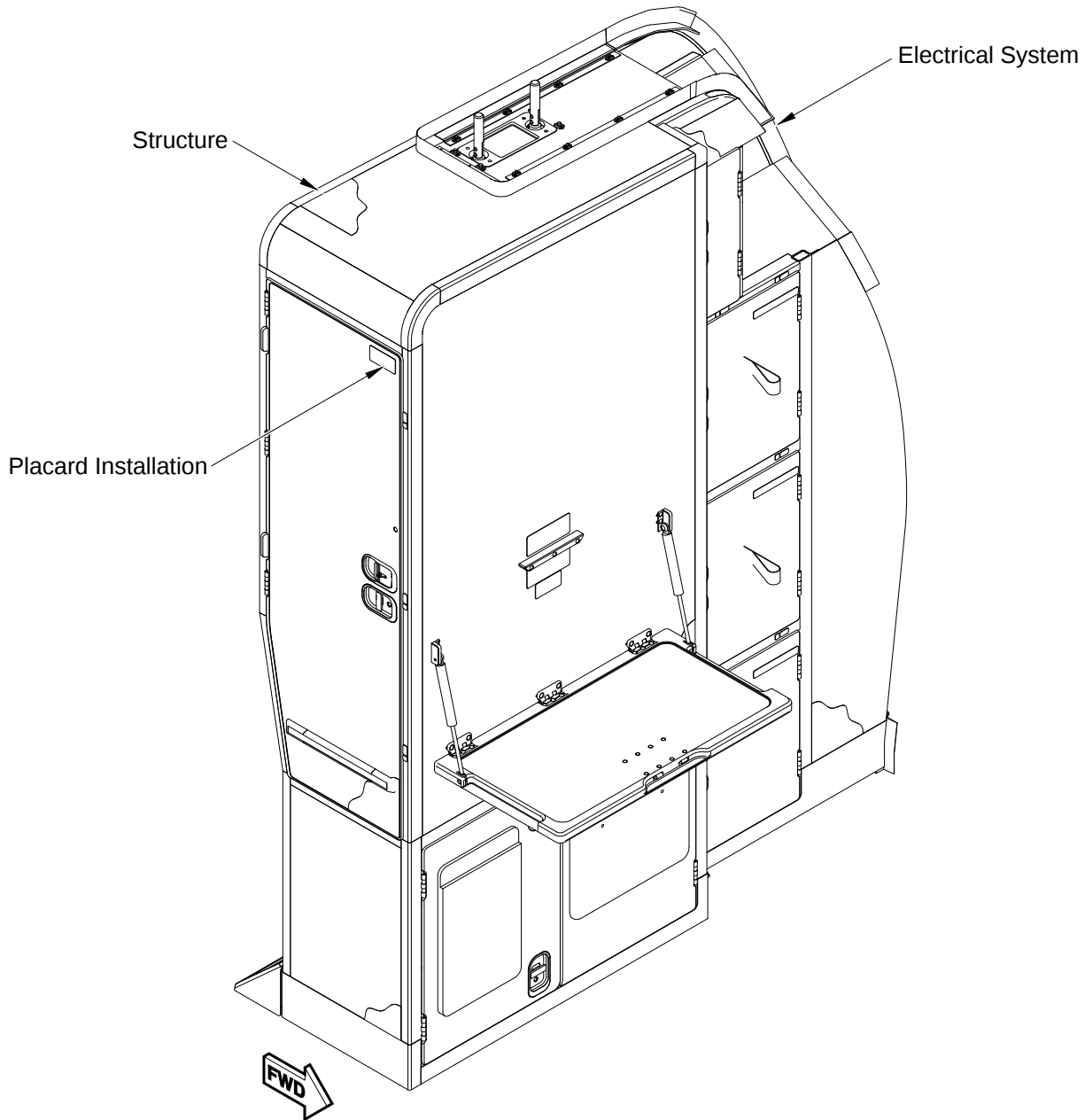


COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

COMPARTMENT	QUANTITY	EMERGENCY EQUIPMENT
312, 330	1	Emergency, Medical Kit PNR: RB860/SBNEW

STOWAGE S1 - EMERGENCY EQUIPMENT
TABLE 2

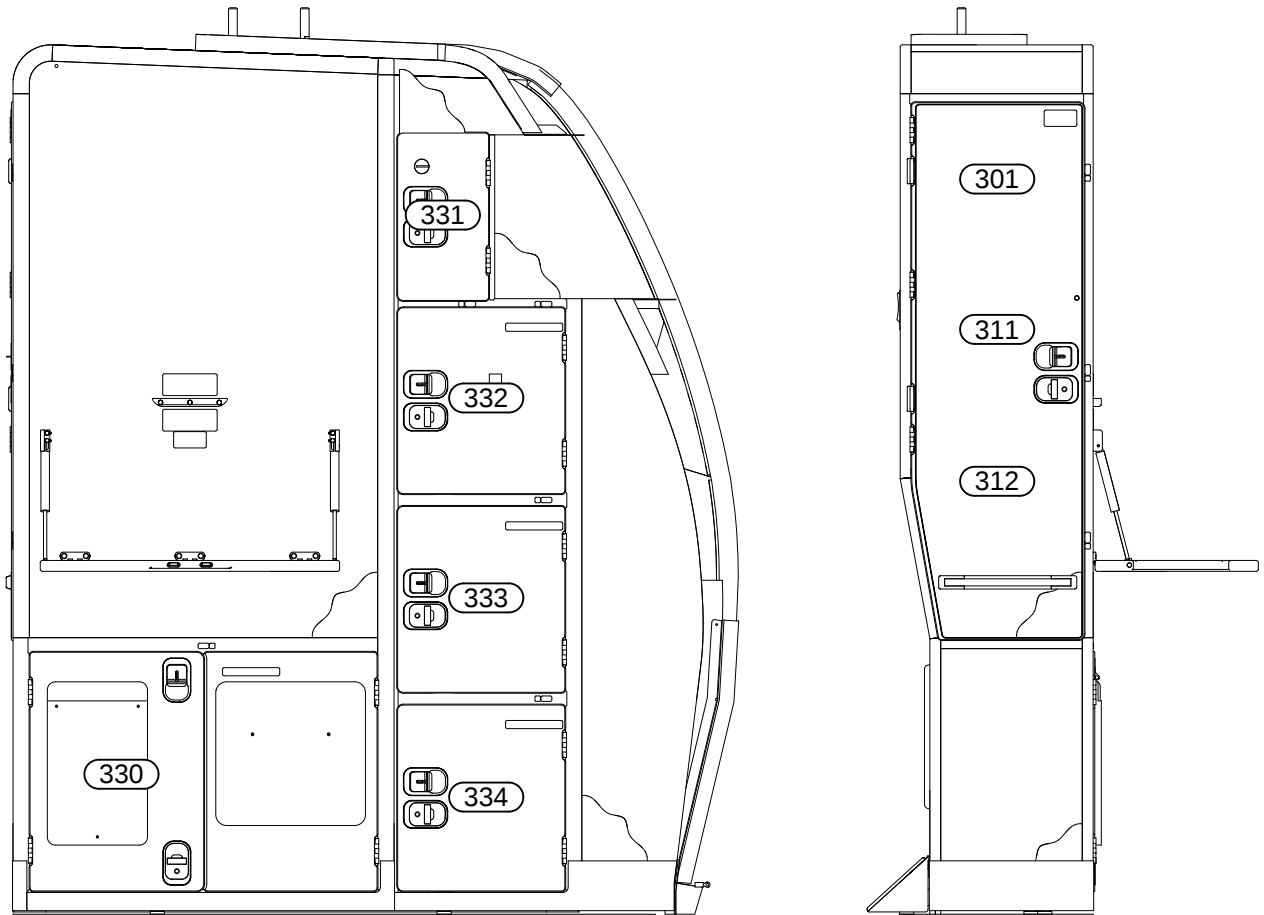
BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000



S4453_C252177_DOP01_R00.cgm

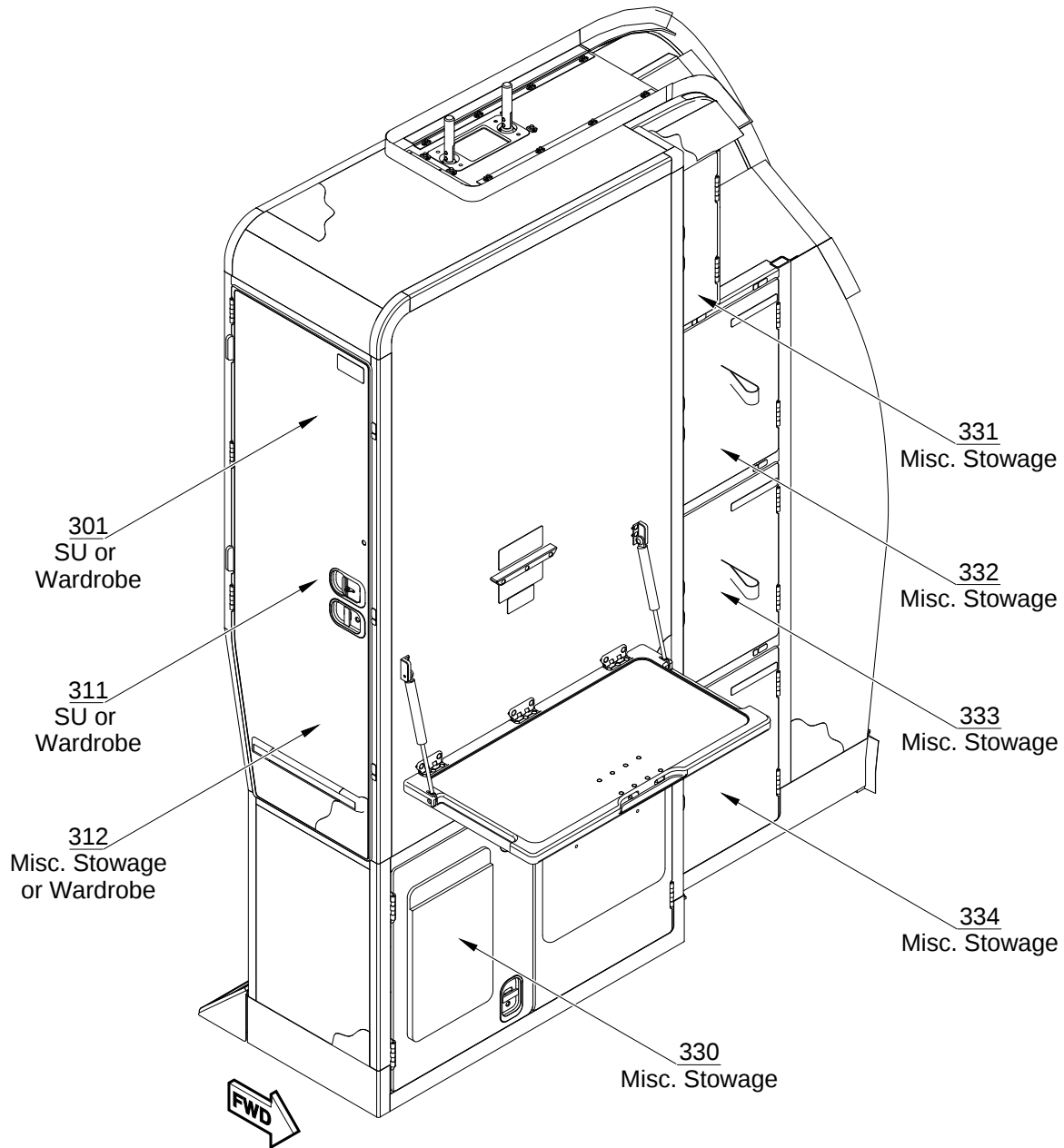
STOWAGE S1 - MAIN COMPONENTS, SYSTEMS AND INSTALLATIONS
FIGURE 1

25-21-77



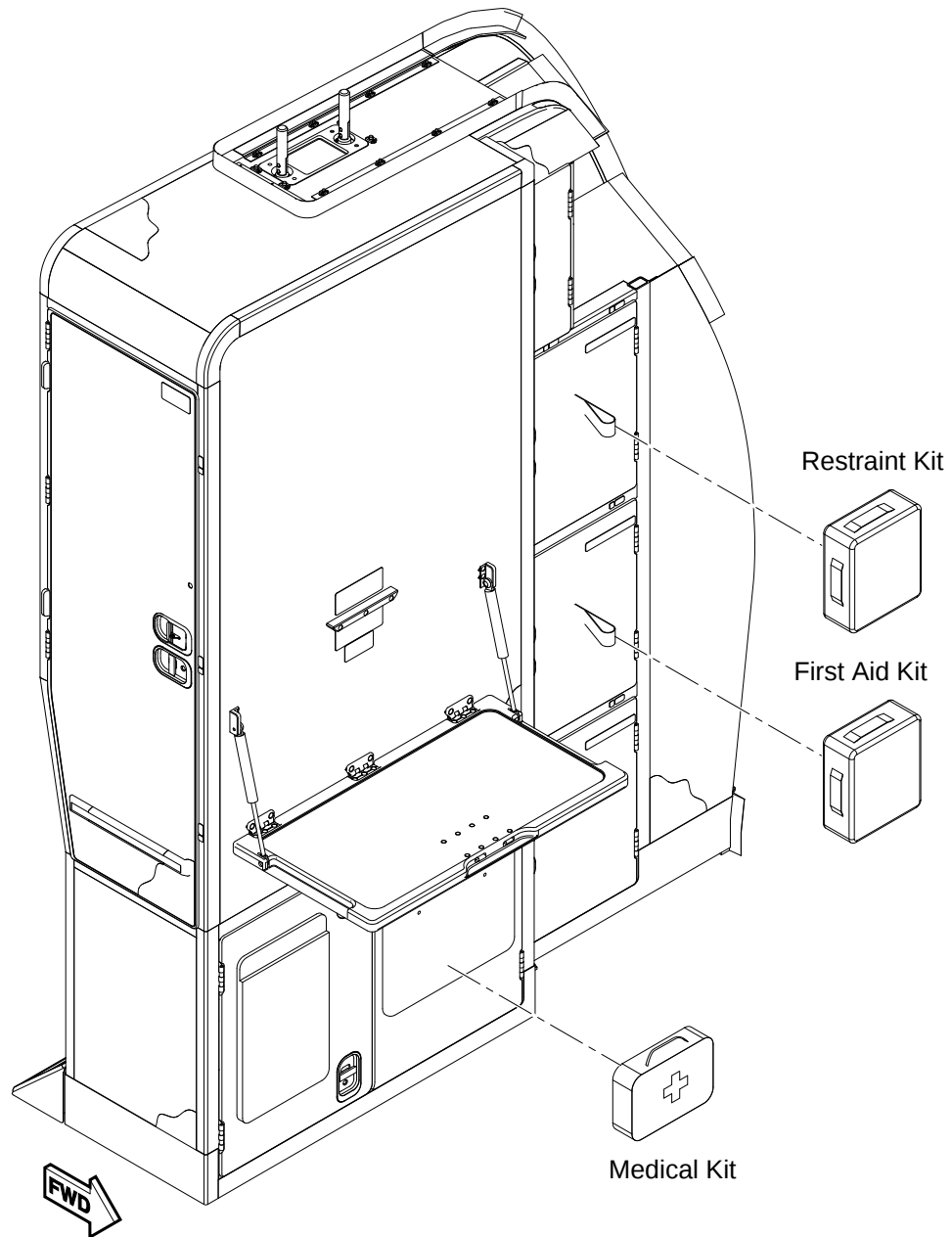
STOWAGE S1 - COMPARTMENTS
FIGURE 2

S4453_C252177_DOP02_R00.cgm



S4453_C252177_DOP03_R00.cgm

STOWAGE S1 - ACCESSORIES AND EQUIPMENT
FIGURE 3



STOWAGE S1 - EMERGENCY EQUIPMENT
FIGURE 4

S4453_C252177_DOP04_R00.cgm

BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

TASK 25-21-77-800-801-A00

3. OPERATION

Not applicable.

TASK 25-21-77-870-802-A00

4. TECHNICAL DATA

SUBTASK 25-21-77-990-001-A00

A. WEIGHT

	WEIGHT IN KG	WEIGHT IN LBS
Structure Weight	58.00	127.87
Additional Weight	5.60	12.35
Reserve Weight	14.40	31.75
Capacity Weight	55.00	121.25
Gross Weight	133.00	293.21

WEIGHT
TABLE 3

SUBTASK 25-21-77-990-002-A00

B. DIMENSIONS

	DIMENSION IN MM	DIMENSION IN IN.
Height	1597.00	62.87
Width	414.00	16.30
Depth	1,267.10	49.89

DIMENSIONS
TABLE 4

TESTING AND FAULT ISOLATION

TASK 25-21-77-99F-812-A00

1. GENERAL

- A. This page block contains testing and fault isolation for the Stowage S1.
- B. Complete the procedures given below if a failure of the Stowage S1 occurs during use.
- C. Make sure that the unit is serviceable before you put the unit back into service.
- D. Do all procedures in a clean area to prevent scratches or other damage to parts.
- E. For numbers in parenthesis that follow item names in the procedures, refer to the figures and item numbers in the page block [ILLUSTRATED PARTS LIST](#).

TASK 25-21-77-940-801-A00

2. LIST OF TOOLS AND EQUIPMENT

The equipment and tools that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SPECIFICATION	SUPPLIER'S CODE
DIGITAL MULTIMETER (PNR: 23-3)	600VDC / 600VAC ACCURACY 0.3%DC - 2%AC	CAGE: 89536 FLUKE CORPORATION
METRAHIT 27I MILLIOHMMETER AND DIGITAL-MULTIMETER (PNR: M227B)		CAGE: D0290 GMC-I MESSTECHNIK GMBH

LIST OF TOOLS AND EQUIPMENT
TABLE 1001

TASK 25-21-77-94A-801-A00

3. LIST OF MATERIALS

The materials that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE
BLUE BONDING VARNISH (4125/6407)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH
HARDENER (0613/9000)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH

LIST OF MATERIALS
TABLE 1002 (continued on next page)

BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

ITEM	SUPPLIER'S CODE
THINNER (0580/9000)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH

LIST OF MATERIALS
TABLE 1002

TASK 25-21-77-99F-813-A00

4. VISUAL INSPECTION

Do a visual inspection as given in the page block [CHECK](#).

TASK 25-21-77-700-801-A00

5. ELECTRICAL SYSTEM TESTS

SUBTASK 25-21-77-700-001-A00

A. BONDING RESISTANCE TEST

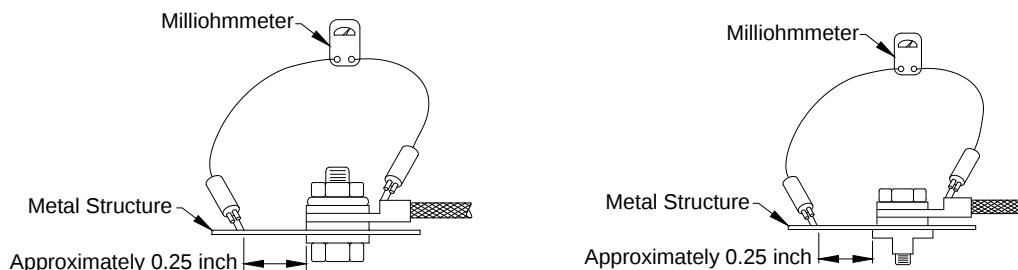
NOTE: Refer to the page block [SCHEMATICS AND WIRING DIAGRAMS](#) for the circuitry of the Stowage S1.

(1) Preparation of the Bonding Resistance Test

- (a) Make sure that all connections are correctly fitted.
- (b) Make sure that all contact points are clean.
- (c) Connect the Metrahit 27I Milliohmmeter and Digital-Multimeter (PNR: M227B) to the A/C GND.

- (2) Use the Metrahit 27I Milliohmmeter and Digital-Multimeter (PNR: M227B) to measure the bonding resistance between the GND connection and structure parts given in the [TABLE 1003](#).

NOTE: The test is OK if the actual value is below the maximal value.



TEST BETWEEN GND AND METAL STRUCTURE
FIGURE 1001

A/C-GND	GND	NOMINAL VALUE IN MILLIOHM
1	01001	10
1	01002	10

BONDING RESISTANCE BETWEEN A/C AND GALLEY GND POINTS (A/C GND1 –
STRUCTURE)
TABLE 1003

(3) Procedure and Results of the Bonding Resistance Test

- (a) Use the Metrahit 27I Milliohmmeter and Digital-Multimeter (PNR: M227B) to measure the bonding resistance between the A/C GND 1 and the equipment GND contacts given in the [TABLE 1004](#).

- (b) Expected result:

The resistance must be less than the nominal value.

NOTE:

If the resistance is more than the nominal value, check that the contact points are clean.

A/C-GND	GND	NOMINAL VALUE IN MILLIOHM
2	01001	10
2	01002	10

BONDING RESISTANCE BETWEEN A/C AND GALLEY GND POINTS (A/C
GND2 – STRUCTURE)
TABLE 1004

- (c) Use the Metrahit 27I Milliohmmeter and Digital-Multimeter (PNR: M227B) to measure the bonding resistance between the A/C GND 1 and the equipment GND surface given in the [TABLE 1005](#).

- (d) Expected result:

The resistance must be less than the nominal value.

NOTE:

If the resistance is more than the nominal value, check the ground points for clean and correct contact with the Stowage S1 structure.

BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

A/C-GND	Description	Plug	Contact	NOMINAL VALUE IN MILLIOHM
1	Case	Stud	01041	30
1	Foot Rest	Stud	01042	30

BONDING RESISTANCE BETWEEN A/C AND GALLEY GND POINTS (A/C
GND1 – REMOVABLE PARTS)
TABLE 1005

- (4) Finalization of the Bonding Resistance Test
Disconnect the test equipment.

SUBTASK 25-21-77-700-002-A00

B. FINALIZATION OF THE ELECTRICAL SYSTEM TESTS

- (1) Connect all GNDs as given in the wiring diagram, refer to the page block [SCHEMATICS AND WIRING DIAGRAMS](#).
- (2) Remove all tools.
- (3) Do a visual inspection of the electrical system as given in the page block [CHECK](#).
- (4) Application of the Color Compound to the Ground Points

CAUTION: OBEY THE INSTRUCTIONS GIVEN BY THE MANUFACTURER
WHEN YOU PREPARE, MIX AND APPLY THE COLOR
COMPOUND.

- (a) Mix the color compound with two (2) parts of the blue bonding varnish (4125/6407) and one (1) part of the hardener (0613/9000) (refer to the instructions of the manufacturer).

NOTE: If the color compound is too thick, the compound can be
mixed with the thinner (0580/9000).

- (b) Apply a thick layer of the color compound to all ground point connections.

TASK 25-21-77-700-802-A00

6. FUNCTIONAL TEST

SUBTASK 25-21-77-700-008-A00

A. TEST OF THE DOORS

- (1) Open and close the door.
- (2) Make sure that the door moves easily.



COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

SUBTASK 25-21-77-700-009-A00

B. TEST OF THE LATCH ASSY

- (1) Open and close the latch assy.
- (2) Make sure that the latch assy moves easily and locks the door correctly.

TASK 25-21-77-810-801-A00

7. FAULT ISOLATION

TROUBLE	PROBABLE CAUSE	CORRECTIVE PROCEDURE
The door does not open or close easily.	The hinge is dirty.	Clean the hinge.
	The hinge is defective.	Replace the hinge.
	The screws of the hinge are not fully tightened.	Tighten the screws of the hinge.
The latch does not open or close easily.	The latch is dirty.	Clean the latch.
	The latch is defective.	Replace the latch.
	The screws of the latch are not fully tightened.	Tighten the screws of the latch.
The folding table assy does not move easily.	The hinge is dirty.	Clean the hinge.
	The hinge is defect.	Replace the hinge.

FAULT ISOLATION CHART
TABLE 1006

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

SCHEMATICS AND WIRING DIAGRAMS

TASK 25-21-77-99F-814-A00

1. GENERAL

This page block contains schematics and wiring diagrams of the Stowage S1.

TASK 25-21-77-990-801-A00

2. SCHEMATICS

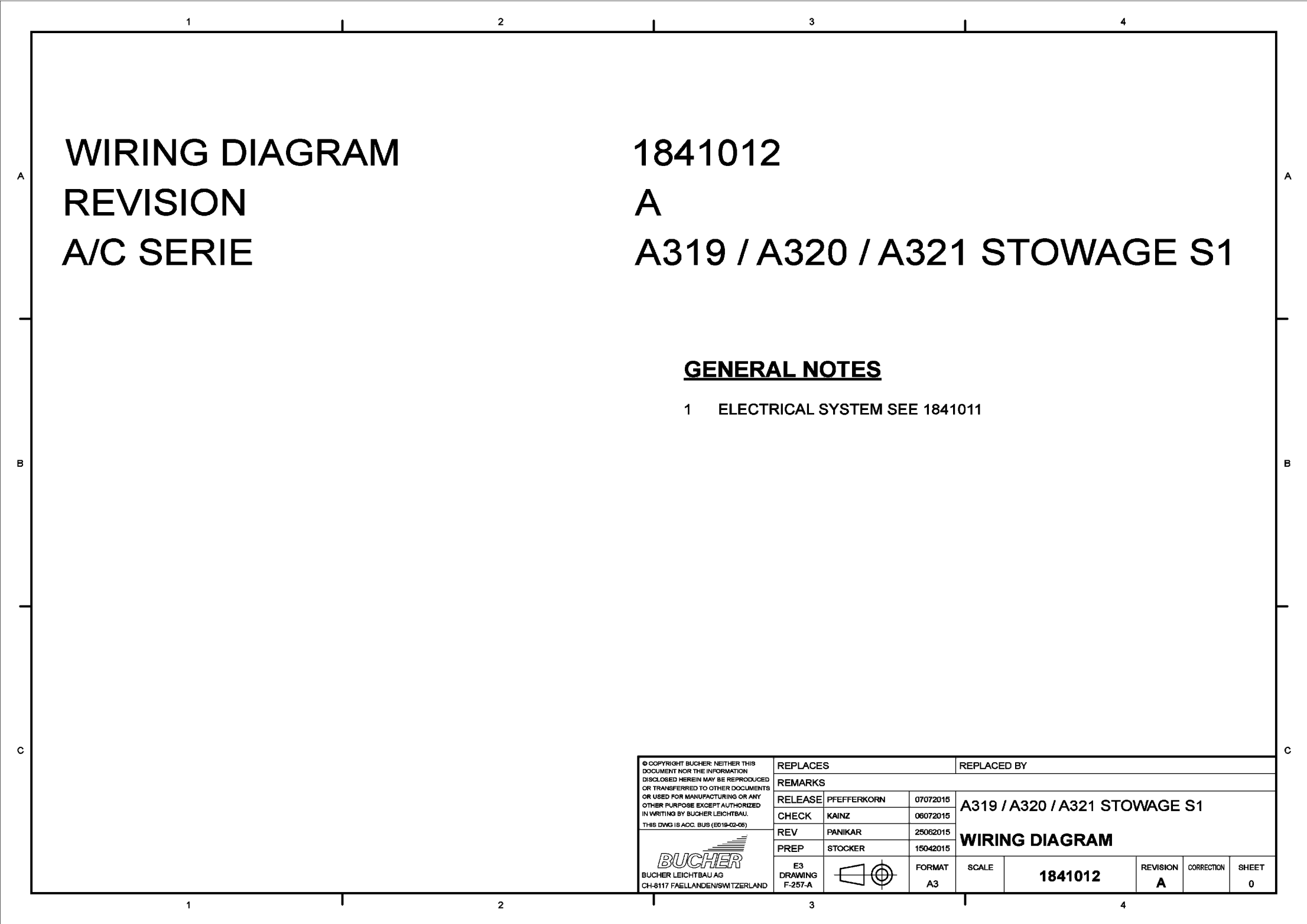
Not applicable.

TASK 25-21-77-990-802-A00

3. WIRING DIAGRAMS

- A. Wiring Diagram 1841012 Rev. A – Cover Page ([FIG 2001 \[Sheet 1 of 6\]](#))
- B. Wiring Diagram 1841012 Rev. A – Record of Revisions ([FIG 2001 \[Sheet 2 of 6\]](#))
- C. Wiring Diagram 1841012 Rev. A – Record of Redline Corrections ([FIG 2001 \[Sheet 3 of 6\]](#))
- D. Wiring Diagram 1841012 Rev. A – Table of Contents ([FIG 2001 \[Sheet 4 of 6\]](#))
- E. Wiring Diagram 1841012 Rev. A – Wire and Ground Connections ([FIG 2001 \[Sheet 5 of 6\]](#))
- F. Wiring Diagram 1841012 Rev. A – Parts of Harness ([FIG 2001 \[Sheet 6 of 6\]](#))

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	1	2	3	4		
	REVISION	ISSUE DATE	DESCRIPTION	REV.	CHECK	RELEASE
	NC	15042015	INITIAL ISSUE	STOCKER	KAINZ	BAUR
	A	07072015	SHEET 4: CLAMP PN CHANGED FROM MS21919WCH4 TO MS21919WCH3	PANIKAR	KAINZ	PFEFFERKORN
A						
B						
C						

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CH-8117 FAELLANDEN/SWITZERLAND

REPLACES

REMARKS

RELEASE

CHECK

REV

PREP

E3
DRAWING
F-257-A

PFEFFERKORN

KAINZ

PANIKAR

STOCKER

07072015

06072015

25062015

15042015

FORMAT
A3

REPLACED BY

A319 / A320 / A321 STOWAGE S1

WIRING DIAGRAM

SCALE

1841012

REVISION
A

CORRECTION

SHEET
1

WIRING DIAGRAM 1841012
FIGURE 2001 [SHEET 2 OF 6]

1				2		3		4		
A	REDLINE CORRECTIONS				REVISIONS					
	Date	PLE	PLP	EOA/MPV	Zone	Rev.	Description			
B										
C										
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REMARKS										
RELEASE		PFEFFERKORN		07072015		A319 / A320 / A321 STOWAGE S1				
CHECK		KAINZ		06072015						
REV		PANIKAR		25062015						
PREP		STOCKER		15042015		WIRING DIAGRAM				
E3 DRAWING F-257-A				FORMAT A3		SCALE	1841012	REVISION A	CORRECTION	SHEET 1.1

WIRING DIAGRAM 1841012
FIGURE 2001 [SHEET 3 OF 6]

1

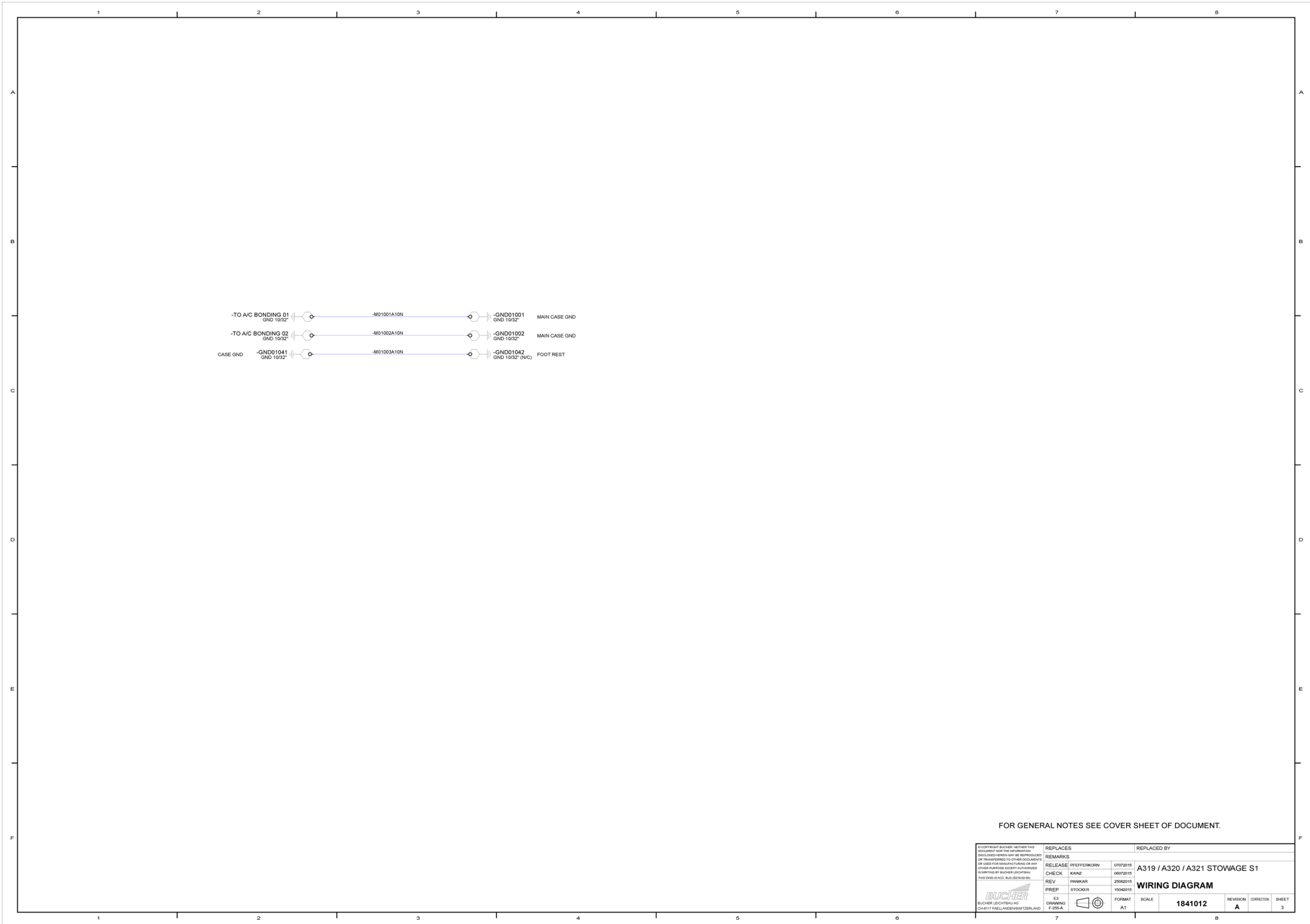
2

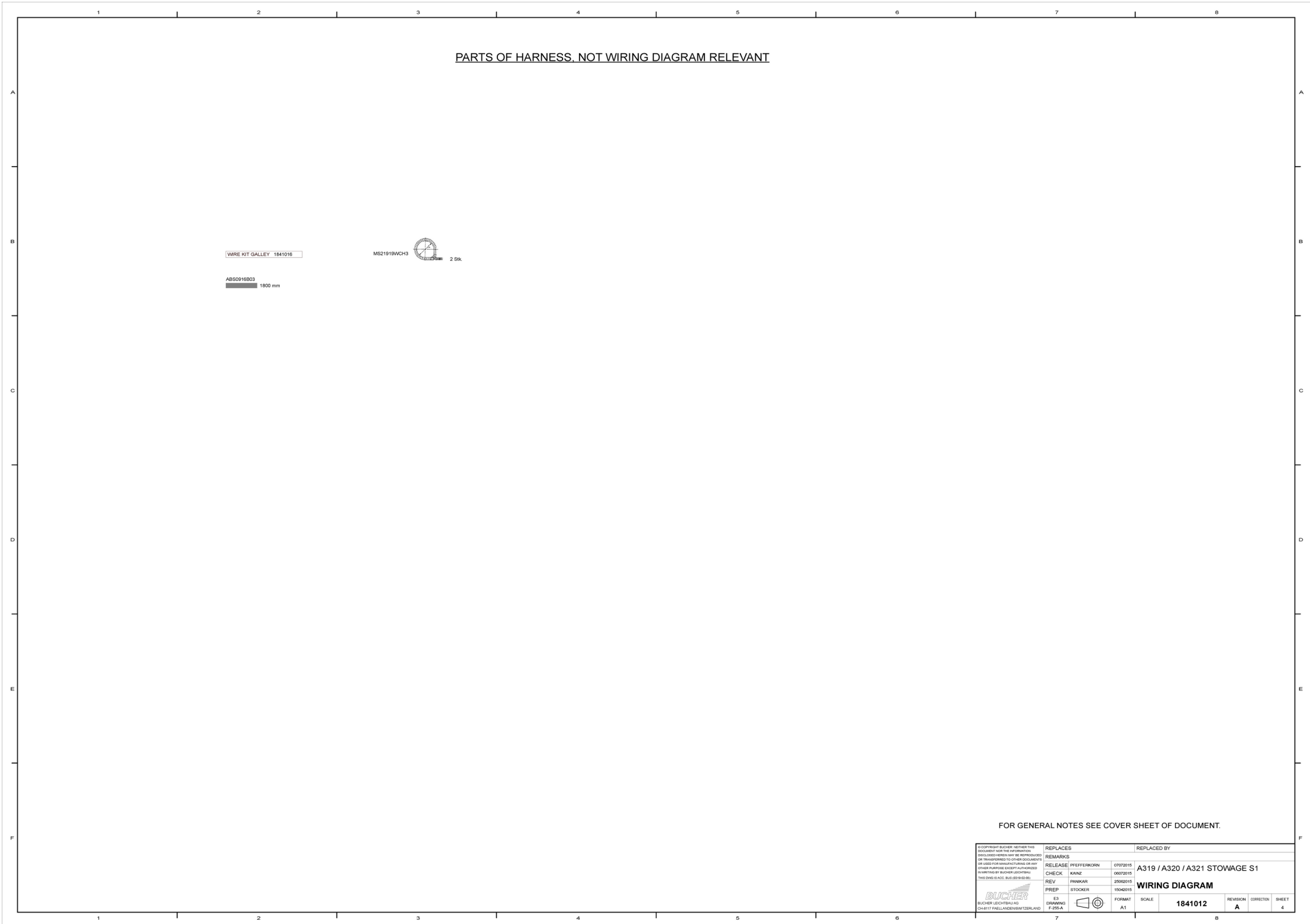
3

4

PAGE	DESCRIPTION	REVISION	PREP.	DATE
0	WIRING DIAGRAMA319 / A320 / A321 STOWAGE S1	A	PANIKAR	25062015
1	WIRING DIAGRAMA319 / A320 / A321 STOWAGE S1	A	PANIKAR	25062015
1.1	WIRING DIAGRAMA319 / A320 / A321 STOWAGE S1	A	PANIKAR	25062015
2	WIRING DIAGRAMA319 / A320 / A321 STOWAGE S1	A	PANIKAR	25062015
3	WIRING DIAGRAMA319 / A320 / A321 STOWAGE S1	A	PANIKAR	25062015
4	WIRING DIAGRAMA319 / A320 / A321 STOWAGE S1	A	PANIKAR	25062015

WIRING DIAGRAM 1841012
FIGURE 2001 [SHEET 4 OF 6]





WIRING DIAGRAM 1841012
FIGURE 2001 [SHEET 6 OF 6]

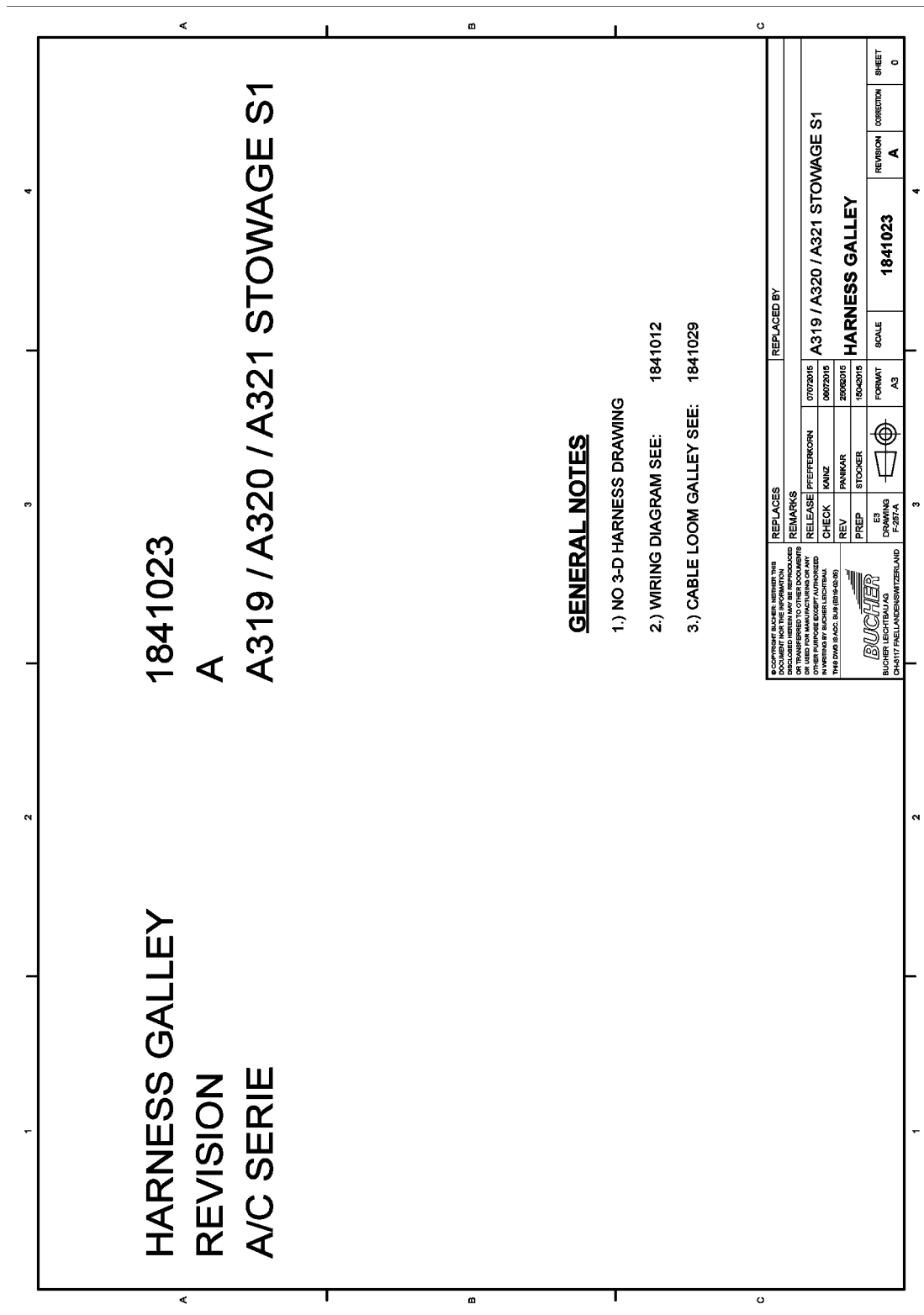
TASK 25-21-77-990-803-A00

4. GALLEY HARNESS

SUBTASK 25-21-77-990-003-A00

A. HARNESS

- (1) Galley Harness 1841023 Rev. A – Cover Page ([FIG 2002 \[Sheet 1 of 5\]](#))
- (2) Galley Harness 1841023 Rev. A – Record of Revisions ([FIG 2002 \[Sheet 2 of 5\]](#))
- (3) Galley Harness 1841023 Rev. A – Record of Redline Corrections
([FIG 2002 \[Sheet 3 of 5\]](#))
- (4) Galley Harness 1841023 Rev. A – Table of Contents ([FIG 2002 \[Sheet 4 of 5\]](#))
- (5) Galley Harness 1841023 Rev. A – Parts List ([FIG 2002 \[Sheet 5 of 5\]](#))



GALLEY HARNESS 1841023
 FIGURE 2002 [SHEET 1 OF 5]

[illegible]

GALLEY HARNESS 1841023
FIGURE 2002 [SHEET 2 OF 5]

[illegible]

GALLEY HARNESS 1841023
FIGURE 2002 [SHEET 3 OF 5]

[illegible]

GALLEY HARNESS 1841023
FIGURE 2002 [SHEET 4 OF 5]

BUCHER
 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000

1

2

3

4

PARTNUMBER	QUANTITY	DESCRIPTION	TECH. DATA	LENGTH	DEVICENAME	REMARK
1841016	1	WIRE KIT GALLEY LH			-	
ABS0916B03	1	HEAT SHRINKABLE TUBE	BLACK DR25 1/8" 3.2mm (1.6mm)	1800 mm	-	
MS21919WCH3	2	FAST CLIP WITH PROTECTION PROFILE	3/16"		-	
NSA936501TA1004	4	INSULATED CABLE TERMINAL AWG12-10 10/32"			-GND01001, -GND01002, -GND01041, -GND01042	

GALLEY HARNESS 1841023
 FIGURE 2002 [SHEET 5 OF 5]

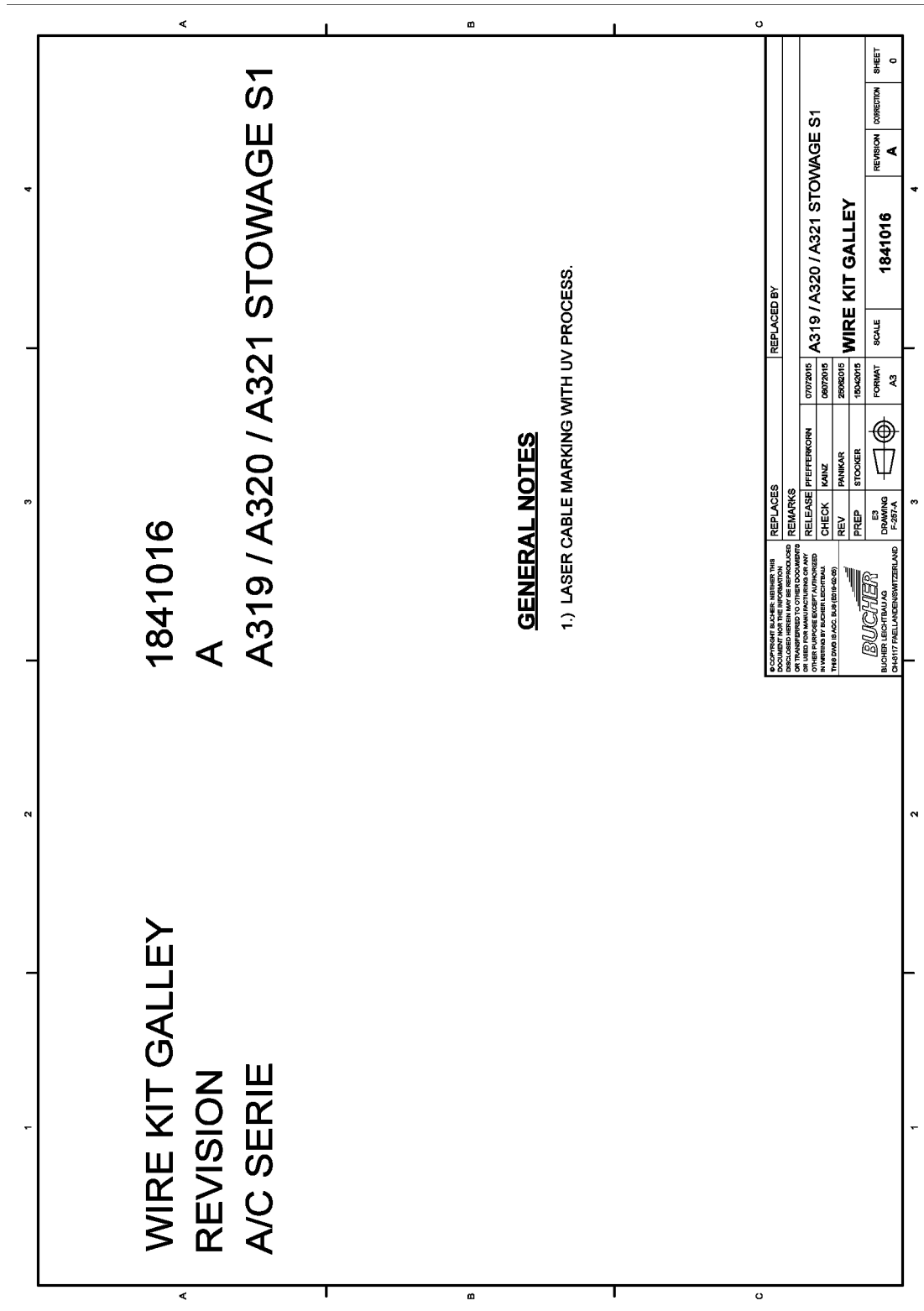


COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

SUBTASK 25-21-77-990-004-A00

B. GALLEY WIRE KIT

- (1) Galley Wire Kit 1841016 Rev. A – Cover Page ([FIG 2003 \[Sheet 1 of 5\]](#))
- (2) Galley Wire Kit 1841016 Rev. A – Record of Revisions ([FIG 2003 \[Sheet 2 of 5\]](#))
- (3) Galley Wire Kit 1841016 Rev. A – Record of Redline Corrections
([FIG 2003 \[Sheet 3 of 5\]](#))
- (4) Galley Wire Kit 1841016 Rev. A – Table of Contents ([FIG 2003 \[Sheet 4 of 5\]](#))
- (5) Galley Wire Kit 1841016 Rev. A – Wire Marking List ([FIG 2003 \[Sheet 5 of 5\]](#))



GALLEY WIRE KIT 1841016
 FIGURE 2003 [SHEET 1 OF 5]

[illegible]

GALLEY WIRE KIT 1841016
FIGURE 2003 [SHEET 2 OF 5]

[illegible]

GALLEY WIRE KIT 1841016
FIGURE 2003 [SHEET 3 OF 5]

[illegible]

GALLEY WIRE KIT 1841016
FIGURE 2003 [SHEET 4 OF 5]

WIRE MARKING LIST								
PLUG	CONNECTION	WIRE	L (m)	L (in.)	PLUG	CONNECTION	WIRE TYPE	REMARKS
-GND01001		-M010001A10N	0.75	29.53	-TO A/C BONDING 01		EN2287-010A051S	
-GND01002		-M010002A10N	0.75	29.53	-TO A/C BONDING 02		EN2287-010A051S	
-GND01041		-M010003A10N	0.25	9.84	-GND01042		EN2287-010A051S	

FOR GENERAL NOTES SEE COVER SHEET OF DOCUMENT.

REPLACES

REMARKS

RELEASE PFEFFERKORN 07072015

CHECK KANZ 06072015

REV PANIKAR 20082015

PREP STOCKER 16042015

E3 DRAWING



BUCHER LECHTBAU AG

REPLACED BY

A319 / A320 / A321 STOWAGE S1

WIRE KIT GALLEY

1841016

REVISION A

CORRECTION

SHEET 8

GALLEY WIRE KIT 1841016
FIGURE 2003 [SHEET 5 OF 5]

DISASSEMBLY

TASK 25-21-77-99F-815-A00

1. GENERAL

- A. This page block gives instructions for the disassembly of the Stowage S1.
- B. Disassemble the unit only if repair is necessary and only to the step necessary for repair.
- C. Before disassembly, do a visual inspection of the Stowage S1 as given in the page block [CHECK](#).
- D. Do a test of the Stowage S1 as given in the page block [TESTING AND FAULT ISOLATION](#).
- E. For numbers in parenthesis after item names in the procedures, refer to the figures and item numbers in the page block [ILLUSTRATED PARTS LIST](#).

TASK 25-21-77-000-801-A00

2. REMOVAL OF THE ELECTRICAL SYSTEM

NOTE: For the identification of the ground points, refer to the wiring diagram in the page block [SCHEMATICS AND WIRING DIAGRAMS](#).

NOTE: All screws at ground points have a BLUE paint mark.

- A. Remove the panhead screws ([FIG 2 - 10](#)), the washers ([FIG 2 - 20](#)) and the cover ([FIG 2 - 30](#)).
- B. Remove the panhead screw ([FIG 2 - 10](#)) and the washer ([FIG 2 - 20](#)).
- C. Remove the bonding ([FIG 2 - 40](#)).

TASK 25-21-77-000-802-A00

3. REMOVAL OF THE DOOR INSTALLATION

- A. Remove the panhead screws ([FIG 4 - 20](#)) and the door assy ([FIG 4 - 10](#)).
- B. Remove the panhead screws ([FIG 4 - 40](#)) and the door assy ([FIG 4 - 30](#)).
- C. Remove the panhead screws ([FIG 4 - 60](#)) and the door assy ([FIG 4 - 50](#)).
- D. Remove the panhead screws ([FIG 4 - 80](#)) and the door assy ([FIG 4 - 70](#)).
- E. Remove the panhead screws ([FIG 4 - 100](#)) and the door assy ([FIG 4 - 90](#)).
- F. Remove the panhead screws ([FIG 4 - 120](#)) and the door assy ([FIG 4 - 110](#)).
- G. Remove the panhead screws ([FIG 4 - 130](#)) and the strike plate ([FIG 4 - 140](#)).
- H. Remove the panhead screw ([FIG 4 - 130](#)) and the bumper ([FIG 4 - 150](#)).
- I. Remove the panhead screws ([FIG 4 - 130](#)), the washers ([FIG 4 - 160](#)) and the retainer ([FIG 4 - 170](#)).
- J. Remove the panhead screws ([FIG 4 - 180](#)) and the strike plate ([FIG 4 - 190](#)).
- K. Remove the screws ([FIG 4 - 200](#)) and the plate ([FIG 4 - 210](#)).

TASK 25-21-77-000-803-A00

4. REMOVAL OF THE LATCH INSTALLATION

- A. Remove the screws (FIG 5 - 10) and the latch assy (FIG 5 - 20).
- B. Remove the screws (FIG 5 - 10) and the latch assy (FIG 5 - 30).

TASK 25-21-77-000-804-A00

5. REMOVAL OF THE ANGLE GUIDE INSTALLATION

- A. Remove the screws (FIG 6 - 10), (FIG 6 - 20), (FIG 6 - 90), the spacer (FIG 6 - 70) and the angle guide (FIG 6 - 100).
- B. Remove the screw (FIG 6 - 20), the spacer (FIG 6 - 30) and the angle guide (FIG 6 - 60).
- C. Remove the screw (FIG 6 - 20), the spacer (FIG 6 - 30) and the angle guide (FIG 6 - 170).
- D. Remove the screws (FIG 6 - 10), (FIG 6 - 20), (FIG 6 - 90), the spacer (FIG 6 - 30) and the angle guide (FIG 6 - 120).
- E. Remove the panhead screws (FIG 6 - 130), the washers (FIG 6 - 140) and the attachment angle (FIG 6 - 150).
- F. Remove the screws (FIG 6 - 10), (FIG 6 - 20) and the angle guide (FIG 6 - 50).
- G. Remove the screw (FIG 6 - 20), the spacer (FIG 6 - 70) and the angle guide (FIG 6 - 80).
- H. Remove the screws (FIG 6 - 10) and the attachment angle (FIG 6 - 110).
- I. Remove the screws (FIG 6 - 10), (FIG 6 - 20), the spacers (FIG 6 - 30) and the angle guide (FIG 6 - 40).

TASK 25-21-77-000-805-A00

6. DISASSEMBLY OF THE STOWAGE ASSEMBLY

- A. Remove the screw (FIG 3 - 10) and the bumper (FIG 3 - 20).
- B. Remove the panhead screw (FIG 3 - 90) and the door bumper (FIG 3 - 100).
- C. Remove the screws (FIG 3 - 240) and the coat rod assy (FIG 3 - 250).
- D. Disassembly of the Coat Rod Assy (PNR 1841151)
Remove the screws (FIG 3 - 260), the frame joint insert (FIG 3 - 270) and the coat rod (FIG 3 - 280).
- E. Remove the screws (FIG 3 - 40), (FIG 3 - 70), the strap (FIG 3 - 60), the attachment plate (FIG 3 - 50) and the support (FIG 3 - 80).
- F. If damaged, remove the decor foil (FIG 3 - 430), (FIG 3 - 440).
- G. Remove the panhead screws (FIG 3 - 350), the washers (FIG 3 - 360) and the foot rest assy (FIG 3 - 370).
- H. Disassembly of the Foot Rest Assy (PNR 1841734)
Remove the wire (FIG 3 - 380), the hinge (FIG 3 - 390) and the main sheet (FIG 3 - 400) from the foot rest assy (FIG 3 - 370).

- I. Remove the screws (FIG 3 - 420) and the decor panel complete (FIG 3 - 410).
- J. Remove the panhead screw (FIG 3 - 340) and the washer (FIG 3 - 110).
- K. Remove the panhead screws (FIG 3 - 290), (FIG 3 - 300), the washers (FIG 3 - 310) and the attachment sheet (FIG 3 - 320).
- L. Remove the collar (FIG 3 - 30).
- M. Remove the protection cap (FIG 3 - 140).
- N. Remove the folding table assy (FIG 3 - 330).
- O. Remove the panhead screws (FIG 3 - 90), the washers (FIG 3 - 110) and the doublers (FIG 3 - 120), (FIG 3 - 160), (FIG 3 - 170), (FIG 3 - 200), (FIG 3 - 230).
- P. Remove the panhead screws (FIG 3 - 90), the washers (FIG 3 - 110) and the angles (FIG 3 - 130), (FIG 3 - 150), (FIG 3 - 180), (FIG 3 - 190), (FIG 3 - 220).

TASK 25-21-77-000-806-A00

7. REMOVAL OF THE UPPER ATTACHMENT

- A. Remove the bolts (FIG 7 - 30) and the washers (FIG 7 - 40), (FIG 7 - 50).
- B. Remove the shear bolts (FIG 7 - 20) from the upper attachment support (FIG 7 - 10).

TASK 25-21-77-000-807-A00

8. DISASSEMBLY OF THE FOLDING TABLE ASSY

WARNING: **DISCONNECT THE GASPER SPRING CAREFULLY WHEN IT IS COMPRESSED. THE GASPER SPRING CAN EJECT QUICKLY AND CAUSE INJURY TO THE REPAIRER.**

- A. Remove the screws (FIG 8 - 20), the sleeve (FIG 8 - 160) and disconnect the gasper spring (FIG 8 - 190) from the brackets (FIG 8 - 140), (FIG 8 - 150).
- B. Remove the screws (FIG 8 - 170), the sleeve (FIG 8 - 180) and the gasper spring (FIG 8 - 190).
- C. Remove the screws (FIG 8 - 130) and the brackets (FIG 8 - 140), (FIG 8 - 150).
- D. Remove the screws (FIG 8 - 20), (FIG 8 - 30) and the hinge assy (FIG 8 - 40).
- E. Remove the screw (FIG 8 - 80) and the primary latch assy (FIG 8 - 50).
- F. Disassembly of the Primary Latch Assy (PNR 0053320)
Remove the spring (FIG 8 - 70) from the basic latch assy (FIG 8 - 60).
- G. Remove the screw (FIG 8 - 80) and the secondary latch assy (FIG 8 - 90).
- H. Remove the screws (FIG 8 - 110) and the retainer (FIG 8 - 120).
- I. If damaged, remove the decor foil (FIG 8 - 100) from the table assy (FIG 8 - 10).

TASK 25-21-77-040-801-A00

9. DISASSEMBLY OF THE DECOR PANEL COMPLETE

- A. Remove the screws (FIG 9 - 10) and the coat hook support assy (FIG 9 - 20).

- B. Remove the screw (FIG 9 - 10) and the coat hook (FIG 9 - 30).
- C. Remove the decor panel assy (FIG 9 - 40).
- D. Disassembly of the Decor Panel Assy (PNR 1841701)
Remove the angle (FIG 9 - 50) and the decor panel (FIG 9 - 60).
- E. If damaged, remove the decor foil (FIG 9 - 70).

TASK 25-21-77-040-802-A00

10. DISASSEMBLY OF THE DOOR ASSY

SUBTASK 25-21-77-040-001-A00

A. DISASSEMBLY OF THE DOOR ASSY (PNR 1841456)

- (1) Remove the hinge assy (FIG 10 - 20).
- (2) Disassembly of the Hinge Assy (PNR 0053000)
Remove the panhead screw (FIG 10 - 50) and the holder (FIG 10 - 40) from the basic hinge assy (FIG 10 - 30).
- (3) Remove the hinge assy (FIG 10 - 60).
- (4) Disassembly of the Hinge Assy (PNR 0053322)
Remove the panhead screw (FIG 10 - 80) and the holder (FIG 10 - 90) from the basic hinge assy (FIG 10 - 70).
- (5) Remove the primary latch assy (FIG 10 - 100)
- (6) Disassembly of the Primary Latch Assy (PNR 0053020)
Remove the screws (FIG 10 - 130), the cover (FIG 10 - 120), the compression springs (FIG 10 - 140) and the basic p latch assy (FIG 10 - 110).
- (7) Remove the secondary latch assy (FIG 10 - 150).
- (8) Disassembly of the Secondary Latch Assy (0053015)
Remove the screws (FIG 10 - 180), the cover (FIG 10 - 170) and the basic s latch assy (FIG 10 - 160).
- (9) Remove the bumpers (FIG 10 - 240) from the door (FIG 10 - 10).
- (10) Remove the screws (FIG 10 - 190) and the stiffener assy (FIG 10 - 200).
- (11) Remove the screw (FIG 10 - 210), and the frame joint insert (FIG 10 - 220) from the stiffener (FIG 10 - 230).

SUBTASK 25-21-77-040-002-A00

B. DISASSEMBLY OF THE DOOR ASSY (PNR 1841460)

- (1) Remove the hinge assy (FIG 10A - 20).

- (2) Disassembly of the Hinge Assy (PNR 0053000)
Remove the panhead screw (FIG 10A - 50) and the holder (FIG 10A - 40) from the basic hinge assy (FIG 10A - 30).
- (3) Remove the hinge assy (FIG 10A - 60).
- (4) Disassembly of the Hinge Assy (PNR 0053322)
Remove the panhead screw (FIG 10A - 80) and the holder (FIG 10A - 90) from the basic hinge assy (FIG 10A - 70).
- (5) Remove the primary latch assy (FIG 10A - 100)
- (6) Disassembly of the Primary Latch Assy (PNR 0053020)
Remove the screws (FIG 10A - 130), the cover (FIG 10A - 120), the compression springs (FIG 10A - 140) and the basic p latch assy (FIG 10A - 110).
- (7) Remove the secondary latch assy (FIG 10A - 150).
- (8) Disassembly of the Secondary Latch Assy (0053015)
Remove the screws (FIG 10A - 180), the cover (FIG 10A - 170) and the basic s latch assy (FIG 10A - 160).
- (9) Remove the lock cylinder (FIG 10A - 190) from the door (FIG 10A - 10).
- (10) Remove the bumpers (FIG 10A - 200) from the door (FIG 10A - 10).

SUBTASK 25-21-77-040-003-A00

C. DISASSEMBLY OF THE DOOR ASSY (PNR 1841454)

- (1) Remove the hinge assy (FIG 10B - 20).
- (2) Disassembly of the Hinge Assy (PNR 0053000)
Remove the panhead screw (FIG 10B - 50) and the holder (FIG 10B - 40) from the basic hinge assy (FIG 10B - 30).
- (3) Remove the hinge assy (FIG 10B - 60).
- (4) Disassembly of the Hinge Assy (PNR 0053322)
Remove the panhead screw (FIG 10B - 80) and the holder (FIG 10B - 90) from the basic hinge assy (FIG 10B - 70).
- (5) Remove the primary latch assy (FIG 10B - 100)
- (6) Disassembly of the Primary Latch Assy (PNR 0053020)
Remove the screws (FIG 10B - 130), the cover (FIG 10B - 120), the compression springs (FIG 10B - 140) and the basic p latch assy (FIG 10B - 110).
- (7) Remove the secondary latch assy (FIG 10B - 150).
- (8) Disassembly of the Secondary Latch Assy (0053015)
Remove the screws (FIG 10B - 180), the cover (FIG 10B - 170) and the basic s latch assy (FIG 10B - 160).

- (9) Remove the panhead screws (FIG 10B - 190), the washers (FIG 10B - 200) from the door (FIG 10B - 10).
- (10) Remove the screws (FIG 10B - 210) and the support sheet assy (FIG 10B - 220) from the stiffener assy (FIG 10B - 230).
- (11) Remove the screw (FIG 10B - 240) and the frame joint insert (FIG 10B - 250) from the stiffener (FIG 10B - 260).
- (12) Remove the bumpers (FIG 10B - 270) from the door (FIG 10B - 10).

SUBTASK 25-21-77-040-004-A00

D. DISASSEMBLY OF THE DOOR ASSY (PNR 1841470)

- (1) Remove the hinge assy (FIG 10C - 20).
- (2) Disassembly of the Hinge Assy (PNR 0053000)
Remove the panhead screw (FIG 10C - 50) and the holder (FIG 10C - 40) from the basic hinge assy (FIG 10C - 30).
- (3) Remove the primary latch assy (FIG 10C - 60)
- (4) Disassembly of the Primary Latch Assy (PNR 0053020)
Remove the screws (FIG 10C - 90), the cover (FIG 10C - 80), the compression springs (FIG 10C - 100) and the basic p latch assy (FIG 10C - 70).
- (5) Remove the secondary latch assy (FIG 10C - 110).
- (6) Disassembly of the Secondary Latch Assy (0053015)
Remove the screws (FIG 10C - 140), the cover (FIG 10C - 130) and the basic s latch assy (FIG 10C - 120).
- (7) Remove the bumpers (FIG 10C - 210) from the door (FIG 10C - 10).
- (8) Remove the screws (FIG 10C - 150) and the stiffener assy (FIG 10C - 160).
- (9) Remove the screws (FIG 10C - 170) and the frame joint inserts (FIG 10C - 180), (FIG 10C - 190) from the stiffener (FIG 10C - 200).

SUBTASK 25-21-77-040-005-A00

E. DISASSEMBLY OF THE DOOR ASSY (PNR 1841464)

- (1) Remove the hinge assy (FIG 10D - 20).
- (2) Disassembly of the Hinge Assy (PNR 0053000)
Remove the panhead screw (FIG 10D - 50) and the holder (FIG 10D - 40) from the basic hinge assy (FIG 10D - 30).
- (3) Remove the primary latch assy (FIG 10D - 60)
- (4) Disassembly of the Primary Latch Assy (PNR 0053020)
Remove the screws (FIG 10D - 90), the cover (FIG 10D - 80), the compression springs (FIG 10D - 100) and the basic p latch assy (FIG 10D - 70).

- (5) Remove the secondary latch assy (FIG 10D - 110).
- (6) Disassembly of the Secondary Latch Assy (0053015)
Remove the screws (FIG 10D - 140), the cover (FIG 10D - 130) and the basic s latch assy (FIG 10D - 120).
- (7) Remove the bumpers (FIG 10D - 150) from the door (FIG 10D - 10).
- (8) Remove the bumper profile (FIG 10D - 160).
- (9) Remove the panhead screws (FIG 10D - 170), the washers (FIG 10D - 180), the end caps (FIG 10D - 190) and the retainer (FIG 10D - 200).
- (10) Remove the screws (FIG 10D - 210) and the stiffener assy (FIG 10D - 220).
- (11) Disassembly of the Stiffener Assy (PNR 1303206)
Remove the screws (FIG 10D - 230) and the frame joint inserts (FIG 10D - 240), (FIG 10D - 250) from the stiffener (FIG 10D - 260).
- (12) Remove the panhead screws (FIG 10D - 270) and the bracket (FIG 10D - 280) from the door (FIG 10D - 10).

SUBTASK 25-21-77-040-006-A00

F. DISASSEMBLY OF THE DOOR ASSY (PNR 1841480)

- (1) Remove the hinge assy (FIG 10E - 20).
- (2) Disassembly of the Hinge Assy (PNR 0053000)
Remove the panhead screw (FIG 10E - 50) and the holder (FIG 10E - 40) from the basic hinge assy (FIG 10E - 30).
- (3) Remove the screws (FIG 10E - 60) and the stiffener assy (FIG 10E - 70).
- (4) Disassembly of the Stiffener Assy (PNR 1841136)
Remove the screws (FIG 10E - 80) and the frame joint inserts (FIG 10E - 90), (FIG 10E - 100) from the stiffener (FIG 10E - 110).
- (5) Remove the bumpers (FIG 10E - 120) from the door (FIG 10E - 10).

TASK 25-21-77-010-801-A00

11. REPLACEMENT OF THE PLACARD INSTALLATION

If damaged or loose, replace the placards carefully (refer to the FIG 11).

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CLEANING

TASK 25-21-77-99F-816-A00

1. GENERAL

This page block gives procedures to clean the Stowage S1.

TASK 25-21-77-94A-802-A00

2. LIST OF MATERIALS

The materials that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE
LINT-FREE COTTON CLOTH (AMS 3819)	LOCALLY AVAILABLE
PROTECTIVE CLOTHING	LOCALLY AVAILABLE
RESISTANT GLOVES	LOCALLY AVAILABLE
SOAP (MILD)	LOCALLY AVAILABLE
SPLASH GOGGLES	LOCALLY AVAILABLE

LIST OF MATERIALS
TABLE 4001

TASK 25-21-77-100-801-A00

3. CLEANING OF THE STOWAGE S1

- WARNING: OBEY THE MANUFACTURER'S INSTRUCTIONS AT ALL TIMES WHEN YOU USE SPECIFIED MATERIALS.**
- WARNING: CLEAN ALL COMPONENTS IN A WELL LIT AREA WITH GOOD AIRFLOW.**
- WARNING: PUT ON SPLASH GOGGLES, RESISTANT GLOVES AND PROTECTIVE CLOTHING**
- WARNING: DO NOT EAT OR DRINK IN THE WORKING AREA.**
- WARNING: MOST CLEANING SOLVENTS ARE POISONOUS AND SKIN IRRITANT. PREVENT INHALING FUMES. PREVENT EXTENDED CONTACT WITH THE SKIN.**
- WARNING: CLEAN YOUR HANDS WHEN WORK IS COMPLETED. IN CASE OF SKIN CONTACT WITH CLEANING SOLVENTS, CLEAN WITH SOAP (MILD) AND WATER. IN CASE OF EYE CONTACT, FLUSH WITH LOTS OF WATER AND GET MEDICAL AID.**
- WARNING: MOST CLEANING SOLVENTS ARE FLAMMABLE AND MUST BE KEPT AWAY FROM HEAT OR OPEN FLAME. CLEANING AREAS MUST HAVE SUFFICIENT AND CLEAR WARNING NOTICES TO TELL PEOPLE OF THE DANGEROUS AREA.**
- CAUTION: ONLY USE DETERGENTS WITH PH-VALUE BETWEEN PH 7 AND PH 9.**

CAUTION: DO NOT USE ABRASIVE MATERIALS TO CLEAN PRINTED AREAS OR PLASTIC SURFACES. ABRASIVE MATERIALS CAN CAUSE DAMAGE TO PRINTED AREAS AND PLASTIC SURFACES. USE A CLEAN LINT-FREE COTTON CLOTH (AMS 3819).

SUBTASK 25-21-77-100-001-A00

A. CLEANING OF THE METAL STRUCTURES

- (1) Cleaning of Structure Parts
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 1.B. (1).
- (2) Cleaning of Stainless Steel
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 1.B. (2).
- (3) Cleaning of Metal Parts
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 1.B. (3).
- (4) Drying
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 1.B. (4).

SUBTASK 25-21-77-100-002-A00

B. CLEANING OF THE HONEYCOMB STRUCTURE

CAUTION: DO NOT USE DETERGENTS ON THE HONEYCOMB STRUCTURE.

- (1) Cleaning of Structure Parts
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 2.B. (1).

SUBTASK 25-21-77-100-003-A00

C. CLEANING OF THE ELECTRICAL SYSTEM

- (1) Cleaning of Electrical Installation Parts
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 3.B. (1).
- (2) Drying
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 3.B. (2).

SUBTASK 25-21-77-100-004-A00

D. CLEANING OF LEATHER / STAMSKIN / FABRIC

- (1) Cleaning of Leather
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 5.B. (1).
- (2) Cleaning of Mattress
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 5.B. (2).
- (3) Cleaning of Fabric Curtain
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 5.B. (3).
- (4) Drying
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 5.B. (4).

SUBTASK 25-21-77-100-005-A00

E. CLEANING OF POWDER COATING / DECOR FOIL

- (1) Cleaning of Powder Coated Surfaces
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 6.B. (1).
- (2) Cleaning of Decor Foil
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 6.B. (2).
- (3) Drying
Refer to Standard Practices Manual (SPM) 20-00-01 Chapter CLEANING, Para 6.B. (3).

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CHECK

TASK 25-21-77-99F-817-A00

1. GENERAL

- A. This page block gives the procedures to examine the Stowage S1 for damage and the necessary detailed checks and adjustments.
- B. Examine the units removed from the aircraft or from the storage for damage.
- C. Replace worn or damaged parts which do not agree with the inspection limits, as given in the page blocks [DISASSEMBLY](#), [ASSEMBLY](#) and [ILLUSTRATED PARTS LIST](#).

TASK 25-21-77-94D-802-A00

2. LIST OF STANDARD TOOLS

The standard tools that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE
FLASH LIGHT	LOCALLY AVAILABLE

LIST OF STANDARD TOOLS
TABLE 5001

TASK 25-21-77-800-803-A00

3. GENERAL CHECK

- A. Use a flash light to do a visual check of all component items of the Stowage S1 for damage and cleanliness. Examine the components for:
 - Corrosion
 - Cracks
 - Damaged screw threads
 - Damaged surface treatment
 - Dents
 - Distortion
 - Wear
 - Damaged and / or missing labels.
- B. Replace defective parts

NOTE: For the removal of corrosion, refer to the page block [REPAIR](#).

TASK 25-21-77-210-801-A00

4. DETAILED CHECKS AND ADJUSTMENTS

SUBTASK 25-21-77-210-001-A00

A. JOINTS

Carefully examine the joints for:

- Damage or signs of damage
- Operation
- Correct attachment and adjustment.

SUBTASK 25-21-77-210-002-A00

B. LATCHES

Examine the latches for smooth and correct operation.

SUBTASK 25-21-77-210-003-A00

C. BUMPERS AND RUB STRIPS

- (1) Examine the bumpers and rub strips for wear and damage.
- (2) Replace rub strips that show 50% wear.

SUBTASK 25-21-77-210-004-A00

D. ATTACHMENTS

- (1) Examine the attachment point areas and the fittings for corrosion and damage.
- (2) Do an ultrasonic test or x-ray test for the detection of cracks.
- (3) Replace parts found with cracks with new original parts.

SUBTASK 25-21-77-210-005-A00

E. SEALING

Examine the sealing in all areas at intervals, especially of the work tables and waste compartments.

SUBTASK 25-21-77-210-006-A00

F. PLACARDS

Examine all placards for availability, condition and attachment (for the placard location, refer to the Placard Installation [FIG 11](#)).

SUBTASK 25-21-77-210-007-A00

G. ELECTRICAL SYSTEM

- (1) Visually examine all components for obvious signs of damage, corrosion, or indication of overheating.



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- (2) Examine the wiring and components for loose connections.
- (3) Examine all switches and circuit breakers for condition and operation.
- (4) Examine all relays for signs of overheating.
- (5) Examine all work lights for defective bulbs or holders.
- (6) Examine all connections for cleanliness.

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BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

REPAIR

TASK 25-21-77-99F-818-A00

1. GENERAL

This page block contains repair instructions for the Stowage S1.

TASK 25-21-77-94D-803-A00

2. LIST OF STANDARD TOOLS

The standard tools that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE
STANDARD METAL REPAIR TOOLS	LOCALLY AVAILABLE

LIST OF STANDARD TOOLS
TABLE 6001

TASK 25-21-77-94A-803-A00

3. LIST OF MATERIALS

The materials that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE
DOUBLE-SIDED ADHESIVE TAPE (SCOTCH 3M 9473)	LOCALLY AVAILABLE
EPOXY POWDER COATING (0207A71526A00)	IGP PULVERTECHNIK AG INDUSTRIE STELZ KIRCHBERG CH-9500 WIL SWITZERLAND
EPOXY POWDER COATING (0209A70350A00)	IGP PULVERTECHNIK AG INDUSTRIE STELZ KIRCHBERG CH-9500 WIL SWITZERLAND

LIST OF MATERIALS
TABLE 6002

TASK 25-21-77-800-804-A00

4. TECHNIQUES AND PRECAUTIONS

WARNING: **MAKE SURE THAT ALL POWER SOURCES ARE DISCONNECTED BEFORE REPAIR.**

CAUTION: FOR REPAIR BEYOND WHAT IS LISTED IN THE CMM, PLEASE CONTACT BUCHER LEICHTBAU AG FOR FURTHER INFORMATION.

- A. Do the repair of small dents and deformation of structural skins and frames with standard metal repair tools.
- B. Before disconnecting electrical plugs or wiring, make sure that identification tags are attached to ensure correct location.

TASK 25-21-77-300-801-A00

5. REPAIR OF THE STOWAGE S1

WARNING: **MAKE SURE THAT ALL POWER SOURCES ARE DISCONNECTED BEFORE REPAIR.**

CAUTION: PARTS NOT LISTED IN THIS PROCEDURE MUST BE RETURNED TO BUCHER LEICHTBAU AG FOR REPAIR.

CAUTION: CORROSION REPAIR IS ONLY PERMITTED FOR SHELVES, SHEETS, PANELS AND ANGLES. FRAMES OR ATTACHMENT PARTS MUST BE REPLACED.

CAUTION: REPAIR IS ONLY PERMITTED FOR COMPARTMENT PANELS, SHELVES AND SHEETS. FRAMES OR ATTACHMENT PARTS MUST BE REPLACED.

SUBTASK 25-21-77-300-001-A00

A. REPAIR GENERAL

Damaged parts of the Stowage S1 structure must be replaced with the original Bucher Leichtbau AG spare parts. The PNRs are shown on the placards.

SUBTASK 25-21-77-300-002-A00

B. REPAIR OF CORRODED METAL STRUCTURES

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 1.

SUBTASK 25-21-77-300-003-A00

C. REPAIR OF DAMAGED METAL COMPARTMENT SHEETS

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 2.

SUBTASK 25-21-77-300-004-A00

D. REPAIR OF COMPOUND STRUCTURES (HONEYCOMB)

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 3.

SUBTASK 25-21-77-300-005-A00

E. REPAIR OF DECOR FOIL

- (1) Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 4.
- (2) If decor foil has pulled away from structure, use rebond adhesive (Fastbond 10 (SW 10 LOW N-HEXAN YELLOW)) or equivalent.

SUBTASK 25-21-77-300-006-A00

F. BONDING OF LEATHER

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 6.

SUBTASK 25-21-77-300-007-A00

G. REPAIR OF THE ELECTRICAL SYSTEM

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 7.

SUBTASK 25-21-77-300-008-A00

H. REPLACEMENT OF THE PLACARDS

- (1) Use new double-sided adhesive tape (Scotch 3M 9473) for detached placards.
- (2) Remove and replace damaged or unreadable placards.

TASK 25-21-77-300-802-A00

6. SURFACE FINISHING

SUBTASK 25-21-77-300-009-A00

A. POWDER COATED PARTS

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 4.

NOTE: For detailed color specifications, refer to the table [TABLE 6003](#).

NOTE: All damaged removable parts must be sent back to Bucher Leichtbau AG for the replacement of the powder coating.

SUBTASK 25-21-77-300-010-A00

B. WET PAINTING

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter REPAIR 5.

NOTE: For detailed color specifications, refer to the table [TABLE 6003](#).

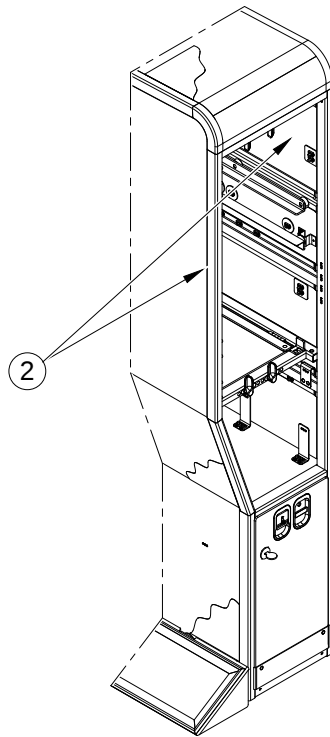
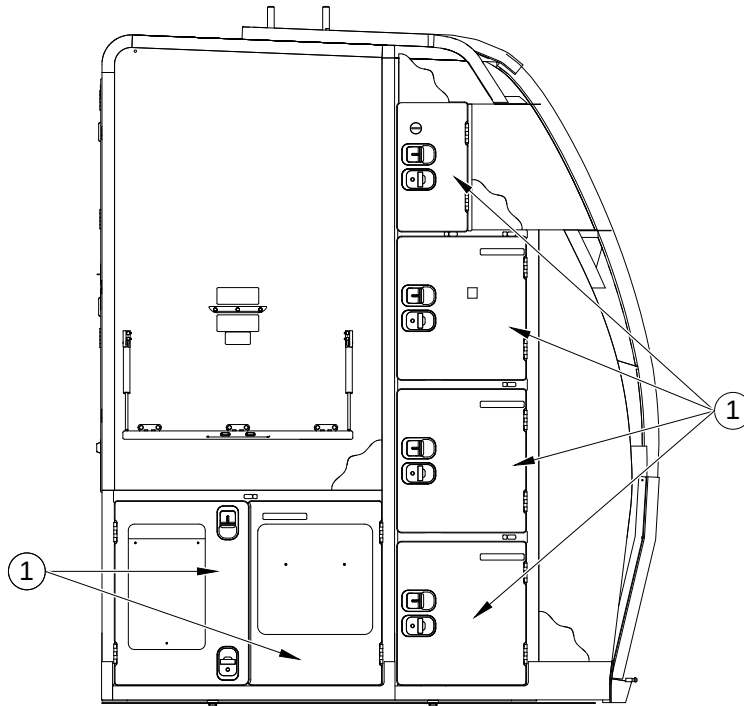
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COMPONENT MAINTENANCE MANUAL
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SUBTASK 25-21-77-300-011-A00

C. SURFACE FINISHING MATERIALS

ITEM	TYPE OF COMPONENT	COLOR
1	Trim Doors	Pepper Dust Epoxy Powder Coating (0207A71526A00)
2	Exterior and Interior Walls	Light Grey Epoxy Powder Coating (0209A70350A00)

SURFACE FINISHING MATERIALS - STOWAGE S1
TABLE 6003



SURFACE FINISHING - STOWAGE S1
FIGURE 6001

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ASSEMBLY

TASK 25-21-77-99F-819-A00

1. GENERAL

- A. This page block gives instructions for the assembly of the Stowage S1.
- B. Replace all screws, nuts and washers with new items, regardless of the condition of the items removed.
- C. For numbers in parenthesis after item names in the procedures, refer to the figures and item numbers in the [ILLUSTRATED PARTS LIST](#).

TASK 25-21-77-94A-804-A00

2. LIST OF MATERIALS

The materials that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE
BLUE BONDING VARNISH (4125/6407)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH
HARDENER (0613/9000)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH
THINNER (0580/9000)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH
THREADLOCKING COMPOUND (LOCTITE 243)	LOCALLY AVAILABLE

LIST OF MATERIALS
TABLE 7001

TASK 25-21-77-440-801-A00

3. ASSEMBLY OF THE DOOR ASSY

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK [FITS AND CLEARANCES](#) TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

SUBTASK 25-21-77-440-001-A00

A. ASSEMBLY OF THE DOOR ASSY (PNR 1841456)

- (1) Install the frame joint insert ([FIG 10 - 220](#)) with the screw ([FIG 10 - 210](#)) to the stiffener ([FIG 10 - 230](#)).
- (2) Install the stiffener assy ([FIG 10 - 200](#)) with the screws ([FIG 10 - 190](#)).

- (3) Install the bumpers (FIG 10 - 240) to the door (FIG 10 - 10).
- (4) Assembly of the Secondary Latch Assy (0053015)
Install the cover (FIG 10 - 170) and the basic s latch assy (FIG 10 - 160) with the screws (FIG 10 - 180).
- (5) Install the secondary latch assy (FIG 10 - 150).
- (6) Assembly of the Primary Latch Assy (PNR 0053020)
Install the cover (FIG 10 - 120), the compression springs (FIG 10 - 140) and the basic p latch assy (FIG 10 - 110) with the screws (FIG 10 - 130).
- (7) Install the primary latch assy (FIG 10 - 100)
- (8) Assembly of the Hinge Assy (PNR 0053322)
Install the holder (FIG 10 - 90) with the panhead screw (FIG 10 - 80) to the basic hinge assy (FIG 10 - 70).
- (9) Install the hinge assy (FIG 10 - 60).
- (10) Assembly of the Hinge Assy (PNR 0053000)
Install the holder (FIG 10 - 40) with the panhead screw (FIG 10 - 50) to the basic hinge assy (FIG 10 - 30).
- (11) Install the hinge assy (FIG 10 - 20).

SUBTASK 25-21-77-440-002-A00

B. ASSEMBLY OF THE DOOR ASSY (PNR 1841460)

- (1) Install the bumpers (FIG 10A - 200) to the door (FIG 10A - 10).
- (2) Install the lock cylinder (FIG 10A - 190) to the door (FIG 10A - 10).
- (3) Assembly of the Secondary Latch Assy (0053015)
Install the cover (FIG 10A - 170) and the basic s latch assy (FIG 10A - 160) with the screws (FIG 10A - 180).
- (4) Install the secondary latch assy (FIG 10A - 150).
- (5) Assembly of the Primary Latch Assy (PNR 0053020)
Install the cover (FIG 10A - 120), the compression springs (FIG 10A - 140) and the basic p latch assy (FIG 10A - 110) with the screws (FIG 10A - 130).
- (6) Install the primary latch assy (FIG 10A - 100)
- (7) Assembly of the Hinge Assy (PNR 0053322)
Install the holder (FIG 10A - 90) with the panhead screw (FIG 10A - 80) to the basic hinge assy (FIG 10A - 70).
- (8) Install the hinge assy (FIG 10A - 60).

- (9) Assembly of the Hinge Assy (PNR 0053000)

Install the holder (FIG 10A - 40) with the panhead screw (FIG 10A - 50) to the basic hinge assy (FIG 10A - 30).

- (10) Install the hinge assy (FIG 10A - 20).

SUBTASK 25-21-77-440-003-A00

C. ASSEMBLY OF THE DOOR ASSY (PNR 1841454)

- (1) Install the bumpers (FIG 10B - 270) to the door (FIG 10B - 10).

- (2) Install the frame joint insert (FIG 10B - 250) with the screw (FIG 10B - 240) to the stiffener (FIG 10B - 260).

- (3) Install the support sheet assy (FIG 10B - 220) with the screws (FIG 10B - 210) to the stiffener assy (FIG 10B - 230).

- (4) Install the washers (FIG 10B - 200) with the panhead screws (FIG 10B - 190) to the door (FIG 10B - 10).

- (5) Assembly of the Secondary Latch Assy (0053015)

Install the cover (FIG 10B - 170) and the basic s latch assy (FIG 10B - 160) with the screws (FIG 10B - 180).

- (6) Install the secondary latch assy (FIG 10B - 150).

- (7) Assembly of the Primary Latch Assy (PNR 0053020)

Install the cover (FIG 10B - 120), the compression springs (FIG 10B - 140) and the basic p latch assy (FIG 10B - 110) with the screws (FIG 10B - 130).

- (8) Install the primary latch assy (FIG 10B - 100)

- (9) Assembly of the Hinge Assy (PNR 0053322)

Install the holder (FIG 10B - 90) with the panhead screw (FIG 10B - 80) to the basic hinge assy (FIG 10B - 70).

- (10) Install the hinge assy (FIG 10B - 60).

- (11) Assembly of the Hinge Assy (PNR 0053000)

Install the holder (FIG 10B - 40) with the panhead screw (FIG 10B - 50) to the basic hinge assy (FIG 10B - 30).

- (12) Install the hinge assy (FIG 10B - 20).

SUBTASK 25-21-77-440-004-A00

D. ASSEMBLY OF THE DOOR ASSY (PNR 1841470)

- (1) Install the frame joint inserts (FIG 10C - 180), (FIG 10C - 190) with the screws (FIG 10C - 170) to the stiffener (FIG 10C - 200).

- (2) Install the stiffener assy (FIG 10C - 160) with the screws (FIG 10C - 150).

- (3) Install the bumpers (FIG 10C - 210) to the door (FIG 10C - 10).

- (4) Assembly of the Secondary Latch Assy (0053015)
Install the cover (FIG 10C - 130) and the basic s latch assy (FIG 10C - 120) with the screws (FIG 10C - 140).
- (5) Install the secondary latch assy (FIG 10C - 110).
- (6) Assembly of the Primary Latch Assy (PNR 0053020)
Install the cover (FIG 10C - 80), the compression springs (FIG 10C - 100) and the basic p latch assy (FIG 10C - 70) with the screws (FIG 10C - 90).
- (7) Install the primary latch assy (FIG 10C - 60)
- (8) Assembly of the Hinge Assy (PNR 0053000)
Install the holder (FIG 10C - 40) to the basic hinge assy (FIG 10C - 30) with the panhead screw (FIG 10C - 50).
- (9) Install the hinge assy (FIG 10C - 20).

SUBTASK 25-21-77-440-005-A00

E. ASSEMBLY OF THE DOOR ASSY (PNR 1841464)

- (1) Install the bracket (FIG 10D - 280) with the panhead screws (FIG 10D - 270) to the door (FIG 10D - 10).
- (2) Assembly of the Stiffener Assy (PNR 1303206)
Install the frame joint inserts (FIG 10D - 240), (FIG 10D - 250) with the screws (FIG 10D - 230) to the stiffener (FIG 10D - 260).
- (3) Install the stiffener assy (FIG 10D - 220) with the screws (FIG 10D - 210).
- (4) Install the end caps (FIG 10D - 190) and the retainer (FIG 10D - 200) with the panhead screws (FIG 10D - 170) and the washers (FIG 10D - 180).
- (5) Install the bumper profile (FIG 10D - 160).
- (6) Install the bumpers (FIG 10D - 150) to the door (FIG 10D - 10).
- (7) Assembly of the Secondary Latch Assy (0053015)
Install the cover (FIG 10D - 130) and the basic s latch assy (FIG 10D - 120) with the screws (FIG 10D - 140).
- (8) Install the secondary latch assy (FIG 10D - 110).
- (9) Assembly of the Primary Latch Assy (PNR 0053020)
Install the cover (FIG 10D - 80), the compression springs (FIG 10D - 100) and the basic p latch assy (FIG 10D - 70) with the screws (FIG 10D - 90)
- (10) Install the primary latch assy (FIG 10D - 60)
- (11) Assembly of the Hinge Assy (PNR 0053000)
Install the holder (FIG 10D - 40) with the panhead screw (FIG 10D - 50) to the basic hinge assy (FIG 10D - 30).

- (12) Install the hinge assy (FIG 10D - 20).

SUBTASK 25-21-77-440-006-A00

F. ASSEMBLY OF THE DOOR ASSY (PNR 1841480)

- (1) Install the bumpers (FIG 10E - 120) to the door (FIG 10E - 10).
- (2) Assembly of the Stiffener Assy (PNR 1841136)
Install the frame joint inserts (FIG 10E - 90), (FIG 10E - 100) with the screws (FIG 10E - 80) to the stiffener (FIG 10E - 110).
- (3) Install the stiffener assy (FIG 10E - 70) with the screws (FIG 10E - 60).
- (4) Assembly of the Hinge Assy (PNR 0053000)
Install the holder (FIG 10E - 40) with the panhead screw (FIG 10E - 50) to the basic hinge assy (FIG 10E - 30).
- (5) Install the hinge assy (FIG 10E - 20).

TASK 25-21-77-440-802-A00

4. ASSEMBLY OF THE DECOR PANEL COMPLETE

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK **FITS AND CLEARANCES** TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. If removed, install the decor foil (FIG 9 - 70).
- B. Assembly of the Decor Panel Assy (PNR 1841701)
Install the angle (FIG 9 - 50) and the decor panel (FIG 9 - 60).
- C. Install the decor panel assy (FIG 9 - 40).
- D. Install the coat hook (FIG 9 - 30) with the screw (FIG 9 - 10).
- E. Install the coat hook support assy (FIG 9 - 20) with the screws (FIG 9 - 10).

TASK 25-21-77-400-801-A00

5. ASSEMBLY OF THE FOLDING TABLE ASSY

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK **FITS AND CLEARANCES** TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. If removed, install the decor foil (FIG 8 - 100) to the table assy (FIG 8 - 10).

- B. Install the retainer (FIG 8 - 120) with the screws (FIG 8 - 110).
- C. Install the secondary latch assy (FIG 8 - 90) with the screw (FIG 8 - 80).
- D. Assembly of the Primary Latch Assy (PNR 0053320)
Install the spring (FIG 8 - 70) to the basic latch assy (FIG 8 - 60).
- E. Install the primary latch assy (FIG 8 - 50) with the screw (FIG 8 - 80).
- F. Install the hinge assy (FIG 8 - 40) with the screws (FIG 8 - 20), (FIG 8 - 30).
- G. Install the brackets (FIG 8 - 140), (FIG 8 - 150) with the screws (FIG 8 - 130).
- H. Install the sleeve (FIG 8 - 180) and the gasper spring (FIG 8 - 190) with the screws (FIG 8 - 170).

WARNING: **CONNECT THE GASPER SPRING CAREFULLY WHEN IT IS COMPRESSED. THE GASPER SPRING CAN EJECT QUICKLY AND CAUSE INJURY TO THE REPAIRER.**

- I. Install the sleeve (FIG 8 - 160) and connect the gasper spring (FIG 8 - 190) with the screws (FIG 8 - 20) to the brackets (FIG 8 - 140), (FIG 8 - 150).

TASK 25-21-77-400-802-A00

6. INSTALLATION OF THE UPPER ATTACHMENT

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK **FITS AND CLEARANCES** TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. Install the shear bolts (FIG 7 - 20) to the upper attachment support (FIG 7 - 10).
- B. Install the washers (FIG 7 - 40), (FIG 7 - 50) with the bolts (FIG 7 - 30).

TASK 25-21-77-400-803-A00

7. ASSEMBLY OF THE STOWAGE ASSEMBLY

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK **FITS AND CLEARANCES** TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. Install the angles (FIG 3 - 130), (FIG 3 - 150), (FIG 3 - 180), (FIG 3 - 190), (FIG 3 - 220) with the panhead screws (FIG 3 - 90), the washers (FIG 3 - 110).
- B. Install the doublers (FIG 3 - 120), (FIG 3 - 160), (FIG 3 - 170), (FIG 3 - 200), (FIG 3 - 230) with the panhead screws (FIG 3 - 90), the washers (FIG 3 - 110).
- C. Install the folding table assy (FIG 3 - 330).

- D. Install the protection cap (FIG 3 - 140).
- E. Install the collar (FIG 3 - 30).
- F. Install the attachment sheet (FIG 3 - 320) with the panhead screws (FIG 3 - 290), (FIG 3 - 300), the washers (FIG 3 - 310).
- G. Install the panhead screw (FIG 3 - 340) and the washer (FIG 3 - 110).
- H. install the decor panel complete (FIG 3 - 410) with the screws (FIG 3 - 420).
- I. Assembly of the Foot Rest Assy (PNR 1841734)
Install the hinge (FIG 3 - 390) and the main sheet (FIG 3 - 400) to the foot rest assy (FIG 3 - 370) with the wire (FIG 3 - 380).
- J. Install the foot rest assy (FIG 3 - 370) with the panhead screws (FIG 3 - 350), the washers (FIG 3 - 360).
- K. If removed, install the decor foil (FIG 3 - 430), (FIG 3 - 440).
- L. Install the strap (FIG 3 - 60), the attachment plate (FIG 3 - 50) and the support (FIG 3 - 80) with the screws (FIG 3 - 40), (FIG 3 - 70).
- M. Assembly of the Coat Rod Assy (PNR 1841151)
Install the frame joint insert (FIG 3 - 270) and the coat rod (FIG 3 - 280) with the screws (FIG 3 - 260).
- N. Install the coat rod assy (FIG 3 - 250) with the screws (FIG 3 - 240).
- O. Install the door bumper (FIG 3 - 100) with the panhead screw (FIG 3 - 90).
- P. Install the bumper (FIG 3 - 20) with the screw (FIG 3 - 10).

TASK 25-21-77-400-804-A00

8. INSTALLATION OF THE ANGLE GUIDE INSTALLATION

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK **FITS AND CLEARANCES** TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. Install the spacers (FIG 6 - 30) and the angle guide (FIG 6 - 40) with the screws (FIG 6 - 10), (FIG 6 - 20).
- B. Install the attachment angle (FIG 6 - 110) with the screws (FIG 6 - 10).
- C. Install the spacer (FIG 6 - 70) and the angle guide (FIG 6 - 80) with the screw (FIG 6 - 20).
- D. Install the angle guide (FIG 6 - 50) with the screws (FIG 6 - 10), (FIG 6 - 20).
- E. Install the washers (FIG 6 - 140) and the attachment angle (FIG 6 - 150) with the panhead screws (FIG 6 - 130).
- F. Install the spacer (FIG 6 - 30) and the angle guide (FIG 6 - 120) with the screws (FIG 6 - 10), (FIG 6 - 20), (FIG 6 - 90).

- G. Install the spacer (FIG 6 - 30) and the angle guide (FIG 6 - 170) with the screw (FIG 6 - 20).
- H. Install the spacer (FIG 6 - 30) and the angle guide (FIG 6 - 60) with the screw (FIG 6 - 20).
- I. Install the spacer (FIG 6 - 70) and the angle guide (FIG 6 - 100) with the screws (FIG 6 - 10), (FIG 6 - 20), (FIG 6 - 90).

TASK 25-21-77-400-805-A00

9. INSTALLATION OF THE LATCH INSTALLATION

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK **FITS AND CLEARANCES** TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. Install the latch assy (FIG 5 - 30) with the screws (FIG 5 - 10).
- B. Install the latch assy (FIG 5 - 20) with the screws (FIG 5 - 10).

TASK 25-21-77-400-806-A00

10. INSTALLATION OF THE DOOR INSTALLATION

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK **FITS AND CLEARANCES** TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. Install the plate (FIG 4 - 210) with the screws (FIG 4 - 200).
- B. Install the strike plate (FIG 4 - 190) with the panhead screws (FIG 4 - 180).
- C. Install the washers (FIG 4 - 160) and the retainer (FIG 4 - 170) with the panhead screws (FIG 4 - 130).
- D. Install the bumper (FIG 4 - 150) with the panhead screw (FIG 4 - 130).
- E. Install the strike plate (FIG 4 - 140) with the panhead screws (FIG 4 - 130).
- F. Install the door assy (FIG 4 - 110) with the panhead screws (FIG 4 - 120).
- G. Install the door assy (FIG 4 - 90) with the panhead screws (FIG 4 - 100).
- H. Install the door assy (FIG 4 - 70) with the panhead screws (FIG 4 - 80).
- I. Install the door assy (FIG 4 - 50) with the panhead screws (FIG 4 - 60).
- J. Install the door assy (FIG 4 - 30) with the panhead screws (FIG 4 - 40).
- K. Install the door assy (FIG 4 - 10) with the panhead screws (FIG 4 - 20).

TASK 25-21-77-400-807-A00

11. INSTALLATION OF THE ELECTRICAL SYSTEM

CAUTION: SAFETY ALL SCREWS WITH THREADLOCKING COMPOUND (LOCTITE 243).
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE
TORQUE VALUES GIVEN IN THE PAGE BLOCK [FITS AND CLEARANCES](#) TO
PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS.
LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

NOTE: For the identification of the ground points, refer to the wiring diagram in the page
block [SCHEMATICS AND WIRING DIAGRAMS](#).

NOTE: All screws at ground points have a BLUE paint mark.

- A. Install the bonding ([FIG 2 - 40](#)).
- B. Install the washer ([FIG 2 - 20](#)) with the panhead screw ([FIG 2 - 10](#)).
- C. Install the washers ([FIG 2 - 20](#)) and the cover ([FIG 2 - 30](#)) with the panhead screws
([FIG 2 - 10](#)).
- D. Application of the Color Compound to the Ground Points

CAUTION: OBEY THE INSTRUCTIONS GIVEN BY THE MANUFACTURER WHEN
YOU PREPARE, MIX AND APPLY THE COLOR COMPOUND.

- (1) Mix the color compound with two (2) parts of the blue bonding varnish (4125/6407) and
one (1) part of the hardener (0613/9000) (refer to the instructions of the manufacturer).

NOTE: If the color compound is too thick, the compound can be mixed with
the thinner (0580/9000).

- (2) Apply a thick layer of the color compound to all ground point connections.

TASK 25-21-77-410-801-A00

12. REPLACEMENT OF THE PLACARD INSTALLATION

If removed, install the placards (refer to the [FIG 11](#)).

TASK 25-21-77-400-808-A00

13. SEALING OF THE STOWAGE S1

Refer to Standard Practices Manual (SPM) 20-00-01 Chapter SEALING.

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FITS AND CLEARANCES

TASK 25-21-77-990-805-A00

1. TORQUE VALUES

For general torque values, refer to the Airbus Process Specification AIPS01-02-008.

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SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES

TASK 25-21-77-940-802-A00

1. LIST OF TOOLS AND EQUIPMENT

The equipment and tools in the list are necessary for the maintenance of the component.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SPECIFICATION	SUPPLIER'S CODE	USE
			T F I
DIGITAL MULTIMETER (PNR: 23-3)	600VDC / 600VAC ACCURACY 0.3%DC - 2%AC	CAGE: 89536 FLUKE CORPORATION	X
METRAHIT 271 MILLIOHMMETER AND DIGITAL-MULTIMETER (PNR: M227B)		CAGE: D0290 GMC-I MESSTECHNIK GMBH	X

LIST OF TOOLS AND EQUIPMENT
TABLE 9001

TASK 25-21-77-940-803-A00

2. LIST OF STANDARD TOOLS

The standard tools in the list are necessary for the maintenance of the component.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE	USE	
		C H E	R E P
FLASH LIGHT	LOCALLY AVAILABLE	X	
STANDARD METAL REPAIR TOOLS	LOCALLY AVAILABLE		X

LIST OF STANDARD TOOLS
TABLE 9002

TASK 25-21-77-940-804-A00

3. LIST OF MATERIALS

The consumables in the list are necessary for the maintenance of the component.

NOTE: Equivalent alternatives can be used for items in the list.

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 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000

ITEM	SUPPLIER'S CODE	USE				
		T F I	C L E	R E P	A S Y	S T O
BLUE BONDING VARNISH (4125/6407)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH	X			X	
DOUBLE-SIDED ADHESIVE TAPE (SCOTCH 3M 9473)	LOCALLY AVAILABLE			X		
EPOXY POWDER COATING (0207A71526A00)	IGP PULVERTECHNIK AG INDUSTRIE STELZ KIRCHBERG CH-9500 WIL SWITZERLAND			X		
EPOXY POWDER COATING (0209A70350A00)	IGP PULVERTECHNIK AG INDUSTRIE STELZ KIRCHBERG CH-9500 WIL SWITZERLAND			X		
HARDENER (0613/9000)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH	X			X	
LINT-FREE COTTON CLOTH (AMS 3819)	LOCALLY AVAILABLE		X			
PROTECTIVE CLOTHING	LOCALLY AVAILABLE		X			
RESISTANT GLOVES	LOCALLY AVAILABLE		X			
SILICA GEL (WISESORB MD-1000G)	LOCALLY AVAILABLE					X
SOAP (MILD)	LOCALLY AVAILABLE		X			
SPLASH GOGGLES	LOCALLY AVAILABLE		X			
THINNER (0580/9000)	CAGE: C5543 INTERTURBINE LOGISTIK GMBH	X			X	
THREADLOCKING COMPOUND (LOCTITE 243)	LOCALLY AVAILABLE				X	

LIST OF MATERIALS
TABLE 9003

ILLUSTRATED PARTS LIST

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

INTRODUCTION

TASK 25-21-77-99F-823-A00

1. IPL INTRODUCTION

A. General Information

This ILLUSTRATED PARTS LIST (IPL) contains all replaceable parts of the Stowage S1.

B. Organization

(1) The IPL has the following sections:

(a) Introduction

The introduction gives the basic data that is necessary to use the IPL.

The introduction contains a list of vendors (LOV).

(b) Numerical Index

This section lists part numbers in alphanumerical sequence with reference to the figure and item numbers and units per assy.

The structure of the part numbers is as follows (from the left side to the right side):

- A through Z (without "O" as zero)

- 0 to 9.

For subsequent rows, the order is:

- a dash

- A through Z (without "O" as zero)

- 0 to 9.

(c) Optional Vendor Index

The optional vendor index (OVI) lists the standard part numbers and the related optional part numbers of Bucher Leichtbau AG.

(d) Detailed Parts List

1 Column "FIG. / ITEM"

The first number in the first line of a page shows the number of the figure that shows the part. The second number shows the item number by which the part is identified on the illustration. A dash in front of the item number shows that the part is not illustrated.

2 Column "PART NUMBER"

The part number column has the original manufacturer's part numbers. When standard part numbers are used, the standard part number is listed in this column.

3 Column "AIRL. STOCK NO."

The column airline stock number is blank for airline internal use.

4 Column "IND"

The indenture system shows the connection of the parts and the assemblies to next higher assemblies that follow:

0 Assembly

1 Detail parts of assembly or sub-assembly

2 Detail parts of sub-assembly or sub-sub-assembly

5 Column "NOMENCLATURE"a Attaching Parts

Attaching parts are written ATTACHING PARTS and are listed immediately after the parts which they attach. The *** symbol follows the last item of the attaching parts group.

b Vendor Codes

Parts made by companies other than Bucher Leichtbau AG are identified by an applicable vendor code after the nomenclature.

Vendor codes are written with current issues of U.S. Federal Supply Codes for Manufacturer Handbooks H4-1, H4-2 and H4-3 and have the letter "V".

c Optional Part

The optional parts identify the manufacturer's part number.

6 Column "EFF CODE"

The effectivity column shows parts connections to units or assemblies which are almost the same but have small differences. These units or assemblies have reference letters such as 1A, 1B, 1C, etc.

Parts which are not the same in all configurations but are related to one or more of the next higher assy, are identified with the letter or letters of the top item.

When a component is part of all top items, the effectivity column is blank.

7 Column "UPA"

The column units per assy contains the quantity of a part required in the sequence of only one next higher assembly. For items with variable

quantities, the letters "AR" are put in the quantity column to show "As Required". When items are recorded for reference function, they are identified with "RF".

(e) Explanation of Terms and Symbols

- 1 Part numbers with more than 15 characters require the introduction of a dummy part number with a cross-reference to the overlength part number. This will be shown in the detailed parts list as follows:
"ORDER OVERLENGTH PNR (Vx)".
- 2 Part numbers amended with a capital letter (shown in the nomenclature column) means, that this equipment is improved without any change to the operational effect.
- 3 The term "REPLACED BY" means that the part in the part number column is replaced by and is interchangeable with the part number shown in the notation.
- 4 The term "REPLACES" means that the part in the part number column replaces and is interchangeable with the part number shown in the notation.
- 5 The term "SUPERSEDED BY" means that the part in the part number column is replaced by and is not interchangeable with the part number shown in the notation.
- 6 The term "SUPERSEDES" means that the part in the part number column replaces and is not interchangeable with the part number shown in the notation.
- 7 The term "ALTPN" means that the part is an alternative for another part with equal value, weight, dimension, etc. It can be noted with some specifications or fully interchangeable.
- 8 The term "OPTIONAL PART" means that the part is fully equal to other variants listed without any differing specifications. It can be used in any instance where the optional part is referenced.
- 9 The term "NP" means that the part is not procurable. Order next higher assembly.
- 10 The term "LFM" means that part number in the nomenclature column is specified as raw material and is required to fabricate the subject part classified as optional "Make or Buy".

C. How to use the IPL

- (1) If the part number is known
 - (a) Find the part number in the numerical index and record the figure and the item number.
 - (b) Turn to the figure.
 - (c) Find the part on the illustration and in the parts list by the item number.

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- (2) If the part number is unknown
- (a) Refer to Figure 1 and find the figure item number of the part.
 - (b) Record the figure item number.
 - (c) Turn to the figure parts list and find the related part number.

2. LIST OF VENDORS

MFR	VENDOR ADDRESS
00779	TYCO ELECTRONICS CORP. AMP PRODUCTS MS 38-77 2800 FULLING MILL ROAD 17057-3608 MIDDLETOWN, PA USA
0451N	ISOVOLTA AG IZ-NOE-SUED, STRASSE 1, OBJEKT 1 A-2355 WIENER NEUDORF AUSTRIA
80477	ADAMS RITE AEROSPACE INC 4141 NORTH PALM STREET 92835-1025 FULLERTON, CA USA
C5270	DIEHL COMFORT MODULES GMBH HEIN-SASS-WEG 41 D-21129 HAMBURG GERMANY
D4296	AIRBUS MATERIAL, LOGISTICS AND SUPPLIERS MATERIAL SUPPORT CENTER WEG BEIM JAEGER 150 D-22335 HAMBURG GERMANY
F6198	AIRBUS OPERATIONS 316, ROUTE DE BAYONNE F-31300 TOULOUSE FRANCE
S3106	ANGST UND PFISTER AG THURGAUERSTRASSE 66 CH-8052 ZUERICH SWITZERLAND
S4453	BUCHER LEICHTBAU AG INDUSTRIESTRASSE 1A CH-8117 FAELLANDEN SWITZERLAND
S7752	MAAG TECHNIK AG SONNENTALSTR.8 CH-8600 DUEBENDORF SWITZERLAND



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MFR	VENDOR ADDRESS
SE992	ISOVOLTA OESTERREICHISCHE ISOLIERSTOFFWERKE ISOVOLTASTRASSE OBJ. 1 A-2355 WIENER NEUDORF AUSTRIA
SR324	KABA AG MUEHLEBUEHLSTRASSE CH-8623 WETZIKON SWITZERLAND

LIST OF VENDORS
TABLE 10001

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NUMERICAL INDEX

PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
ABS1262C020		12	50	4
ABS1262F010		12	60	4
AR197-3		9	30	2
AS156475		10A	190	1
DCIN103-2-9		10D	190	2
MS24693S23		8	80	8
		10	130	4
		10	180	4
		10A	130	4
		10A	180	4
		10B	130	4
		10B	180	4
		10C	90	4
		10C	140	4
		10D	90	4
		10D	140	4
MS24693S25		9	10	6
MS24693S26		3	240	4
MS24693S31		10D	210	12
MS24693S49		5	10	8
MS24693S53		10	190	2
		10C	150	4
		10E	60	4
MS24693S54		10B	210	2
MS24694S12		8	110	3
MS24694S16		3	10	8
MS24694S2		3	260	2
		8	20	9
		10D	230	8
MS24694S3		6	90	2
MS24694S4		3	420	8
		6	10	9
MS24694S5		3	70	4
		8	130	4
		10	210	2
		10B	240	2

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
		10C	170	2
		10E	80	2
MS24694S7		4	200	2
MS24694S8		6	20	21
MS24694S9		3	40	4
MS51957-28		3	290	4
MS51957-29		3	300	4
MS51957-40		10	50	1
		10	80	1
		10A	50	1
		10A	80	1
		10B	50	1
		10B	80	1
		10C	50	2
		10D	50	3
		10E	50	2
MS51957-41		10B	190	2
MS51957-42		10D	170	6
MS51957-45		2	10	5
		3	350	3
NAS1149FN632P		3	310	8
NAS1149FN816P		3	360	3
		10D	180	6
NAS1149FN832P		2	20	5
		3	110	34
		4	160	2
		6	140	3
		10B	200	2
NAS1149F0363P		7	40	8
NAS1149F0532P		12	70	4
NAS1149F0563P		12	80	4
NAS1202-5		8	170	2
NAS623-2-1		10D	270	4
NAS623-2-2		4	20	4
NAS623-2-3		3	340	34
		4	40	4

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
		4	60	4
		4	80	4
		4	100	4
		4	120	6
		4	130	30
		8	30	8
NAS623-2-4		3	90	6
		4	180	4
		6	130	3
NAS6603-7		7	30	4
NAS6605-14		12	90	3
NSA936501TA1004		12	120	2
0012020-301		11	10	1
0012020-311		11	20	1
0012020-312		11	30	1
0012020-330		11	40	1
0012020-331		11	50	1
0012020-332		11	60	1
0012020-333		11	70	1
0012020-334		11	80	1
0012021-330		11	90	1
0012021-331		11	100	1
0012021-332		11	110	1
0012021-333		11	120	1
0012021-334		11	130	3
0012022-301		11	140	1
0012022-311		11	150	1
0012022-312		11	160	1
0012023		11	170	8
0012024-1		11	180	1
0012024-10		11	190	4
0012024-13		11	200	1
0012024-3		11	210	1
0012024-4		11	220	2
0012033		11	230	7
0012122		11	240	4

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
0012138-20		11	250	1
0012274		11	260	1
0012313		11	270	1
0013002		11	280	1
0013879		11	290	1
0021248		12	100	1
0021260		12	110	1
0050001-1		2	40	4
0051180		3	140	24
0051291		3	20	4
0053000		10	20	1
		10A	20	1
		10B	20	1
		10C	20	2
		10D	20	3
		10E	20	2
0053000H		10	30	1
		10A	30	1
		10B	30	1
		10C	30	2
		10D	30	3
		10E	30	2
0053004		10	40	1
		10	90	1
		10A	40	1
		10A	90	1
		10B	40	1
		10B	90	1
		10C	40	2
		10D	40	3
		10E	40	2
0053015		10	150	1
		10A	150	1
		10B	150	1
		10C	110	1
		10D	110	1

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
0053015L		10	160	1
		10A	160	1
		10B	160	1
		10C	120	1
		10D	120	1
0053017		10	120	1
		10	170	1
		10A	120	1
		10A	170	1
		10B	120	1
		10B	170	1
		10C	80	1
		10C	130	1
		10D	80	1
0053020		10D	130	1
		10	100	1
		10A	100	1
		10B	100	1
		10C	60	1
0053020L		10D	60	1
		10	110	1
		10A	110	1
		10B	110	1
		10C	70	1
0053041		10D	70	1
0053042		4	190	2
0053068		4	140	10
0053094		8	160	2
0053320		8	90	1
0053320RF		8	50	1
0053322		8	60	1
		10	60	1
		10A	60	1
0053322H		10B	60	1
		10	70	1
		10A	70	1

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
016043		10B	70	1
		8	70	2
		10	140	2
		10A	140	2
		10B	140	2
		10C	100	2
		10D	100	2
0950926		10C	180	2
		10E	90	2
10000344		3	100	6
10200812		8	190	2
1150031		8	180	2
1222010605		10	240	8
		10A	200	6
		10B	270	8
		10C	210	8
		10D	150	10
		10E	120	4
1280021		3	320	2
1303206		10D	220	1
1303207		10D	240	2
1303208		10D	260	1
1303209		10D	250	1
1303211		10	220	2
		10B	250	2
		10C	190	2
		10E	100	2
1303229		4	210	1
1303232		10B	230	1
1303233		10B	260	1
1303237		10B	220	1
1463004		3	480	1
		7	1	RF
1463078		7	10	1
1463086		7	50	4
1463088		7	20	2

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
1483111		12	30	4
1500136		3	270	2
1694129		2	30	1
1720101		8	10	1
1720105		8	40	3
1720106		8	140	1
1720107		8	150	1
1720110		8	120	1
1723276		3	30	1
1723711		6	40	1
1723713		6	50	1
1723714		6	170	1
1723716		6	60	1
1723718		6	160	1
1723728		6	80	1
1753485		4	170	1
1786894		3	80	2
1824672		10D	200	1
1827490		3	50	2
1838409		4	150	2
1840100		3	330	1
		8	1	RF
1840110		12	40	24
1840115		3	390	1
1840120		9	50	3
1841000		1	1	RF
1841005		1	20	1
		3	1	RF
1841006		1	40	1
		12	1	RF
1841008		1	30	1
		11	1	RF
1841011		1	10	1
		2	1	RF
1841019		11	300	1
1841020		3	460	1

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
		5	1	RF
1841021		3	450	1
		4	1	RF
1841022		3	470	1
		6	1	RF
1841135		10	200	1
1841135-1		10	230	1
1841136		10C	160	1
		10E	70	1
1841136-1		10C	200	1
		10E	110	1
1841151		3	250	1
1841151-1		3	280	1
1841264		6	150	1
1841316		6	30	5
1841318		6	70	3
1841319		6	110	1
1841320		6	100	1
1841428		3	60	2
1841451		10	10	1
		10B	10	1
1841454		4	50	1
		10B	1	RF
1841456		4	30	2
		10	1	RF
1841460		4	10	1
		10A	1	RF
1841461		10A	10	1
1841464		4	110	1
		10D	1	RF
1841465		10D	10	1
1841470		4	90	1
		10C	1	RF
1841471		10C	10	1
1841480		4	70	1
		10E	1	RF

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PART NUMBER	AIRLINE STOCK NUMBER	FIG.	ITEM	TTL REQ
1841481		10E	10	1
1841700		3	410	1
		9	1	RF
1841701		9	40	1
1841701-1		9	60	1
1841710		10D	280	2
1841715		6	120	1
1841730		12	130	1
1841733		3	400	1
1841734		3	370	1
1841740		12	140	1
1841743		12	150	1
1841745		12	160	1
1841746		12	170	1
1841751		3	180	1
1841752		3	220	1
1841753		3	190	1
1841754		3	150	1
1841755		3	210	1
1841756		3	200	1
1841757		3	230	1
1841758		3	160	1
1841759		3	170	1
1842220		3	130	1
1842222		3	120	1
1850005		9	20	2
310025-1		12	10	3
310025-4		12	20	3
70F1-0211M3N1		3	440	1
70F1-0217M3N1		3	430	7
		8	100	AR
70F1A9365U3X1		9	70	1
9000647-0315		3	380	1
9002396-0232		10D	160	1
950331		5	20	2
950336		5	30	2

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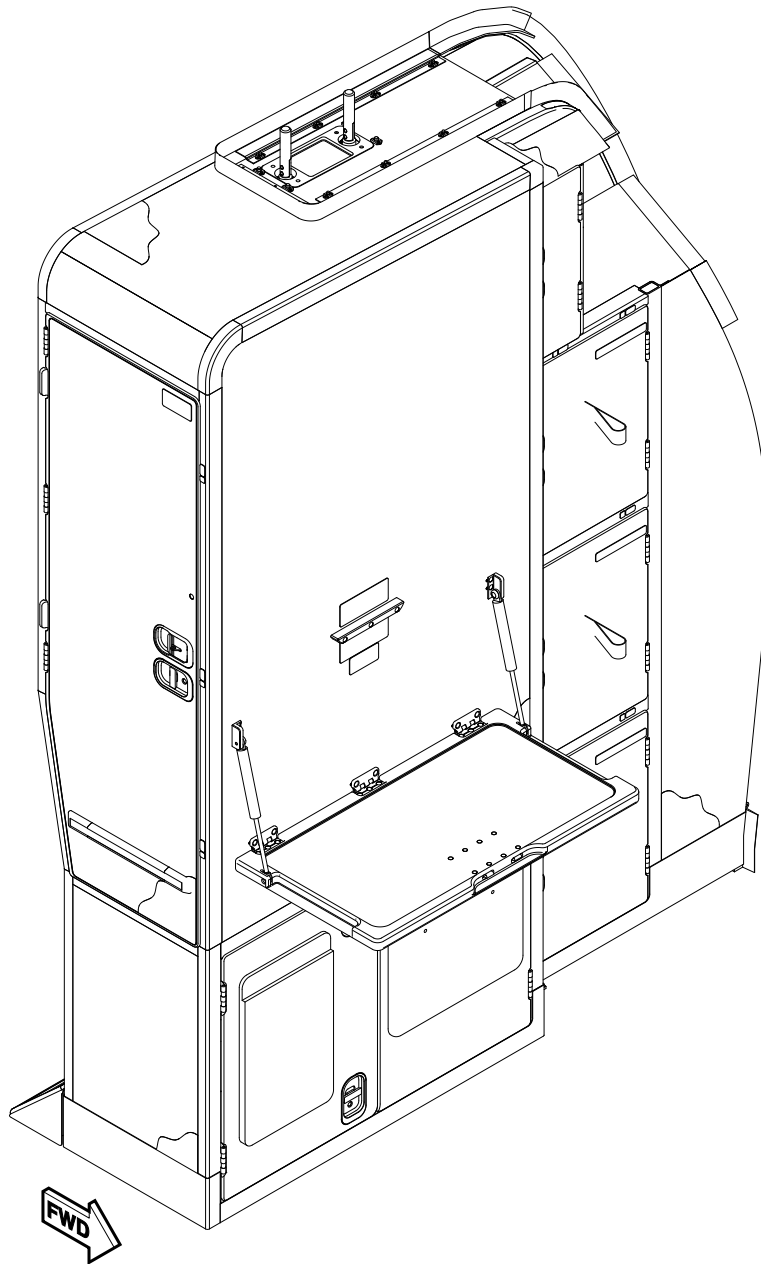
OPTIONAL VENDOR INDEX

PART NUMBER	VENDOR PART NUMBER	VENDOR CODE
AR197-3	9002354	S4453
AS156475	9003522	S4453
DCIN103-2-9	9002395	S4453
NSA936501TA1004	134265-1	00779
	1577647-1	00779
	50845-2	00779
10000344	9000201	S4453
10200812	532053	S7752
	9000104	S4453
1222010605	9000150	S4453
70F1-0211M3N1	9003503	S4453
70F1-0217M3N1	9003504	S4453
70F1A9365U3X1	9003574	S4453

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DETAILED PARTS LIST

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STOWAGE S1
FIGURE 1

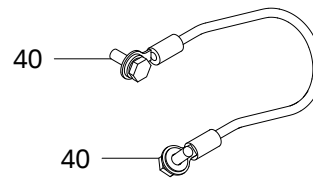
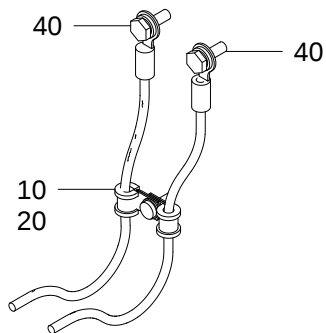
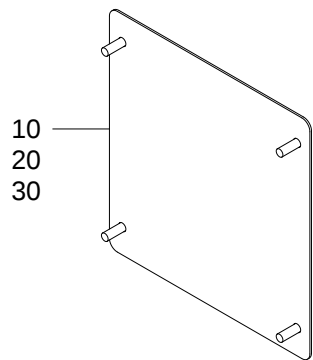
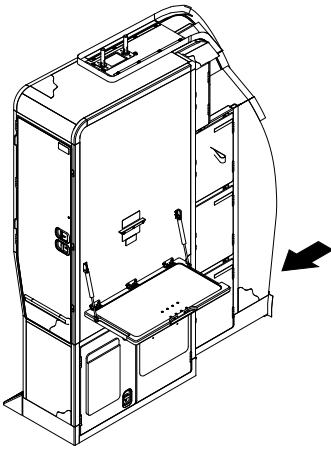
S4453_C252177_IPL01_R00.cgm



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FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
1						
-	1 1841000		0	STOWAGE S1		RF
-	10 1841011		1	ELECTRICAL SYSTEM FOR DET SEE FIGURE 2	NP	1
-	20 1841005		1	ASSEMBLY FOR DET SEE FIGURE 3	NP	1
-	30 1841008		1	PLACARD INSTALLATION FOR DET SEE FIGURE 11	NP	1
-	40 1841006		1	INSTALLATION FOR IDENTIFICATION OF ITEMS NOT ILLUSTRATED REFER TO PAGEBLOCK INSTALLATION FOR DET SEE FIGURE 12	NP	1

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ELECTRICAL SYSTEM
FIGURE 2

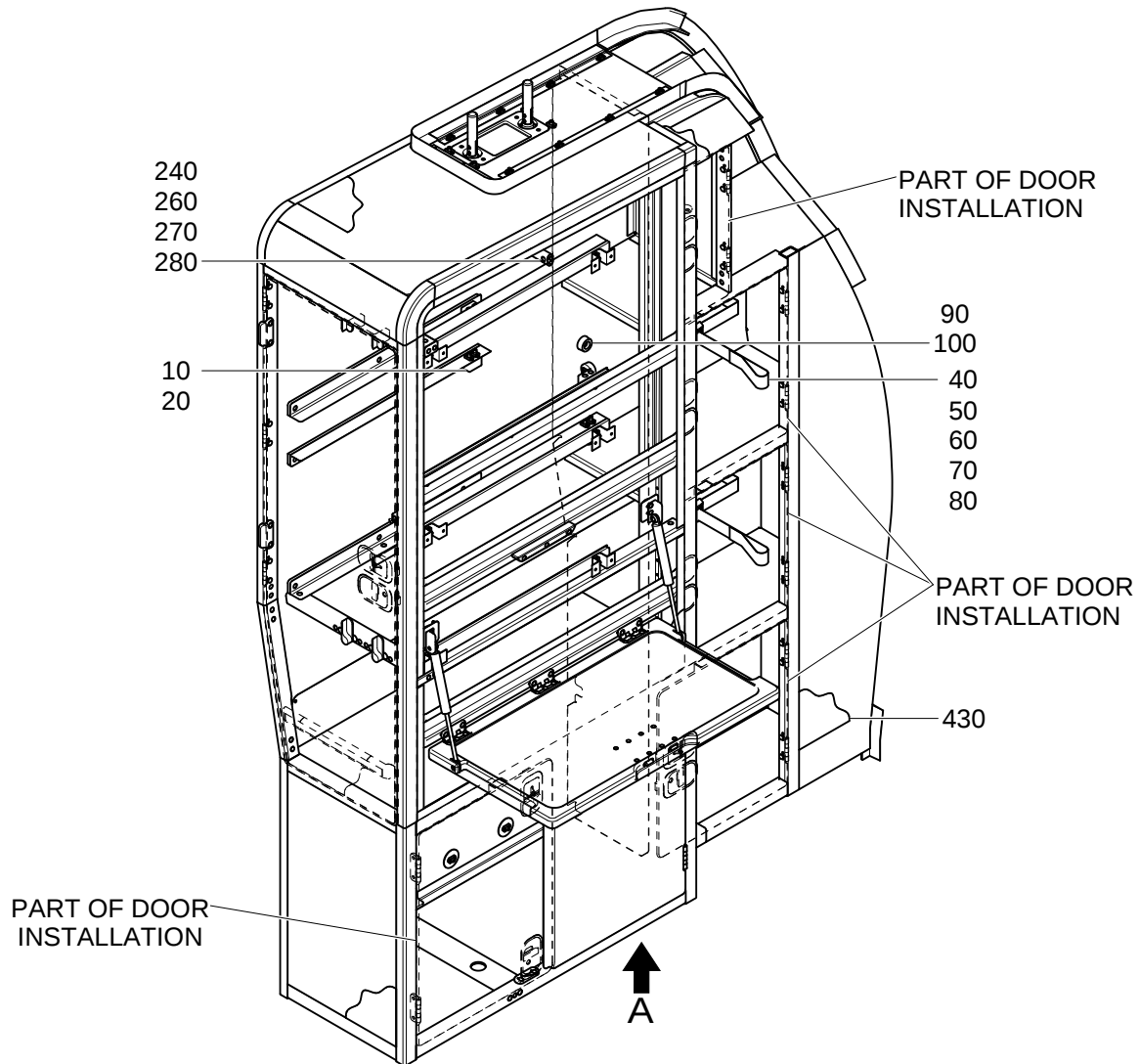
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COMPONENT MAINTENANCE MANUAL
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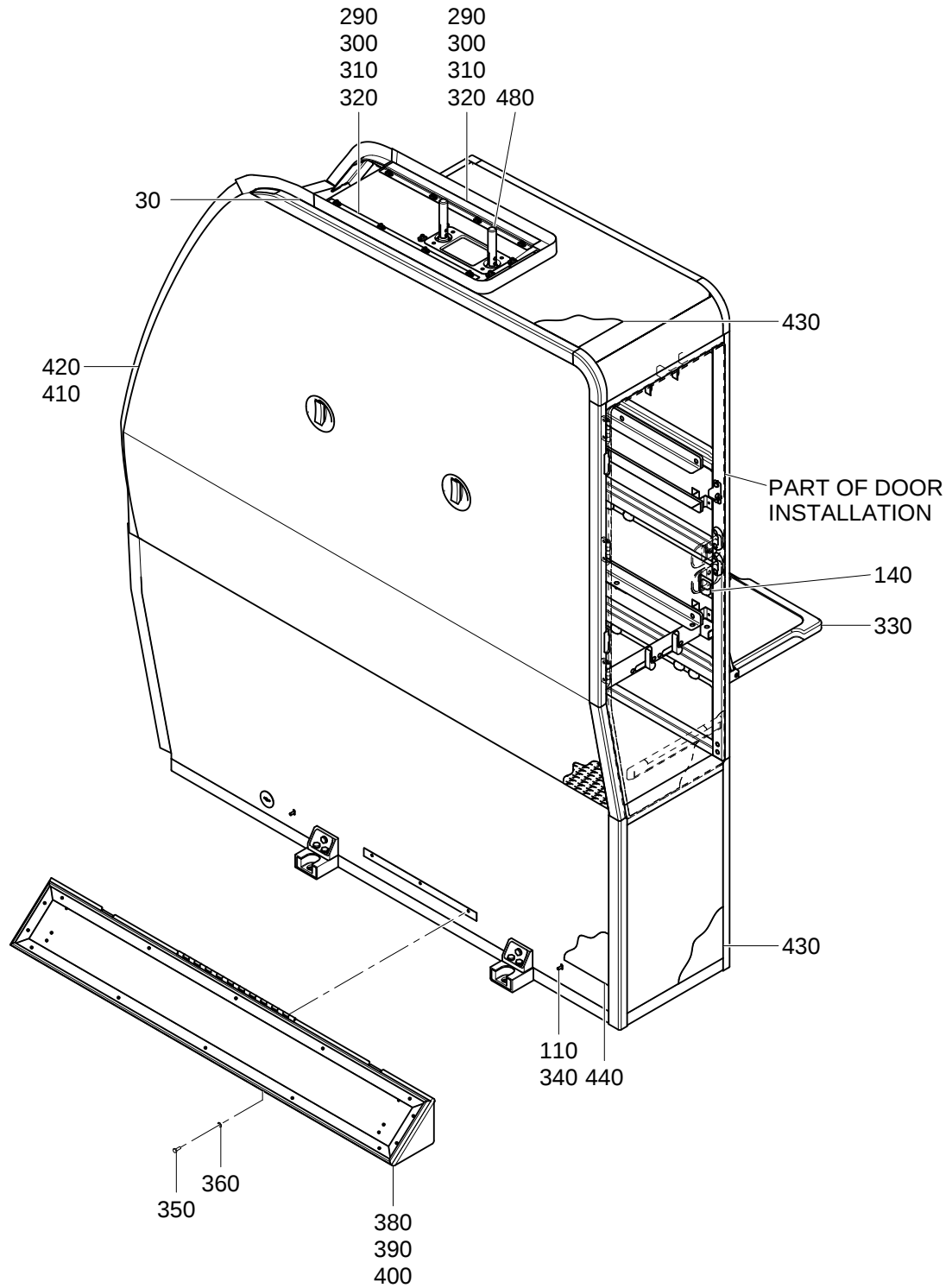
FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
2						
-	1 1841011		0	ELECTRICAL SYSTEM FOR NHA SEE FIGURE 1	NP	RF
	10 MS51957-45		1	SCREW, PANHEAD		5
	20 NAS1149FN832P		1	WASHER		5
	30 1694129		1	COVER		1
	40 0050001-1		1	BONDING		4

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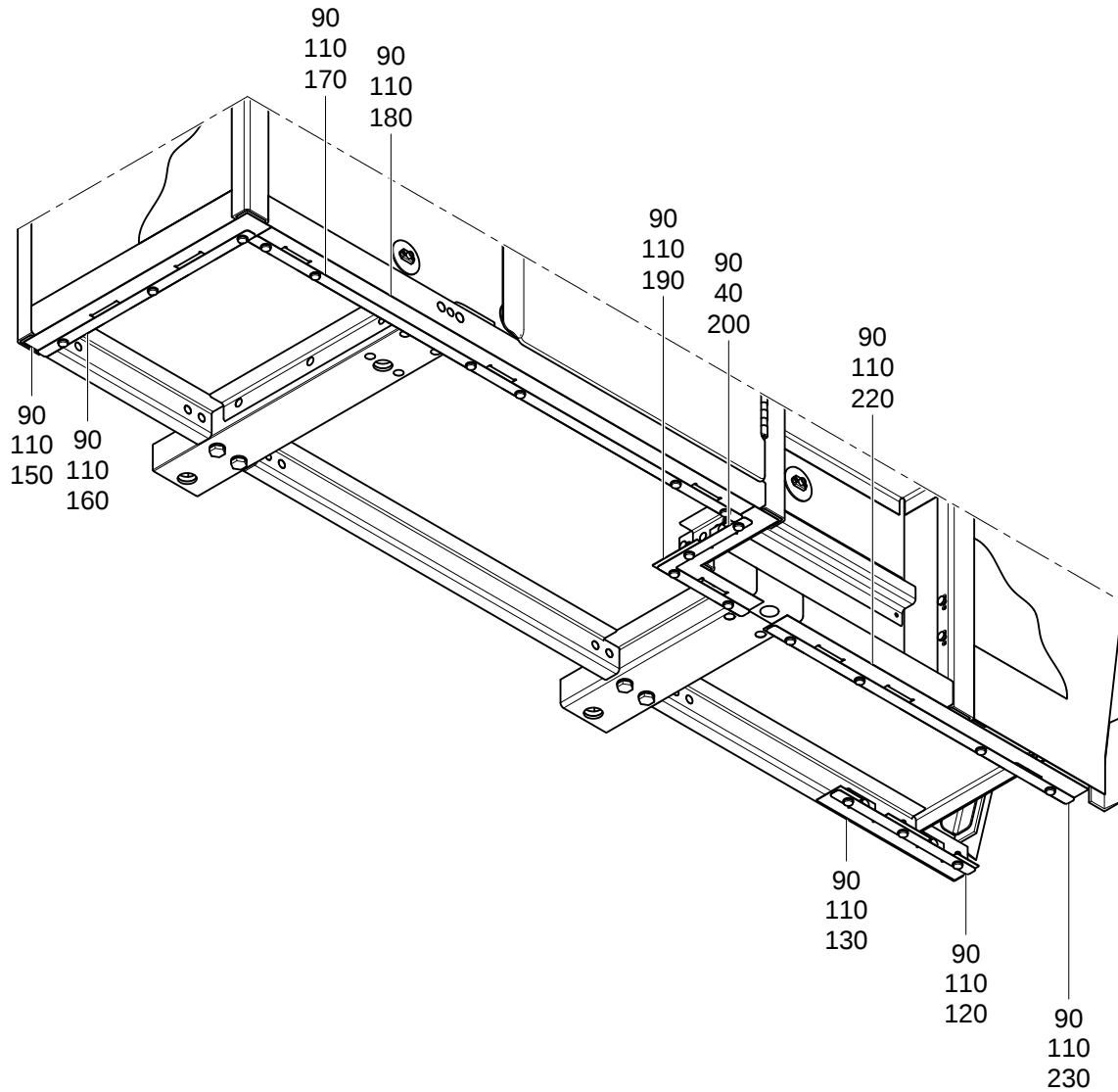
ASSEMBLY
 FIGURE 3 [SHEET 1 OF 3]

S4453_C252177_IPL03_1_R00.ogm



ASSEMBLY
FIGURE 3 [SHEET 2 OF 3]

A



S4453_C252177_IPL03_3_R00.ogm

ASSEMBLY
 FIGURE 3 [SHEET 3 OF 3]



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FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
3						
-	1 1841005		0	ASSEMBLY FOR NHA SEE FIGURE 1	NP	RF
	10 MS24694S16		1	SCREW		8
	20 0051291		1	BUMPER		4
	30 1723276		1	COLLAR		1
	40 MS24694S9		1	SCREW		4
	50 1827490		1	PLATE, ATTACHMENT		2
	60 1841428		1	STRAP		2
	70 MS24694S5		1	SCREW		4
	80 1786894		1	SUPPORT		2
	90 NAS623-2-4		1	SCREW, PANHEAD		6
	100 10000344		1	BUMPER, DOOR OPTIONAL PART 9000201	VS7752 VS4453	6
	110 NAS1149FN832P		1	WASHER		34
	120 1842222		1	DOUBLER		1
	130 1842220		1	ANGLE		1
	140 0051180		1	CAP, PROTECTION CAP 8-32		24
	150 1841754		1	ANGLE		1
	160 1841758		1	DOUBLER		1
	170 1841759		1	DOUBLER		1
	180 1841751		1	ANGLE		1
	190 1841753		1	ANGLE		1
	200 1841756		1	DOUBLER		1
-	210 1841755		1	SEAL, FLOOR		1
	220 1841752		1	ANGLE		1
	230 1841757		1	DOUBLER		1
	240 MS24693S26		1	SCREW		4
-	250 1841151		1	ROD ASSY, COAT		1
	260 MS24694S2		2	SCREW		2
	270 1500136		2	INSERT, FRAME JOINT		2
	280 1841151-1		2	ROD, COAT		1
	290 MS51957-28		1	SCREW, PANHEAD		4
	300 MS51957-29		1	SCREW, PANHEAD		4
	310 NAS1149FN632P		1	WASHER		8
	320 1280021		1	SHEET, ATTACHMENT		2

- ITEM NOT ILLUSTRATED

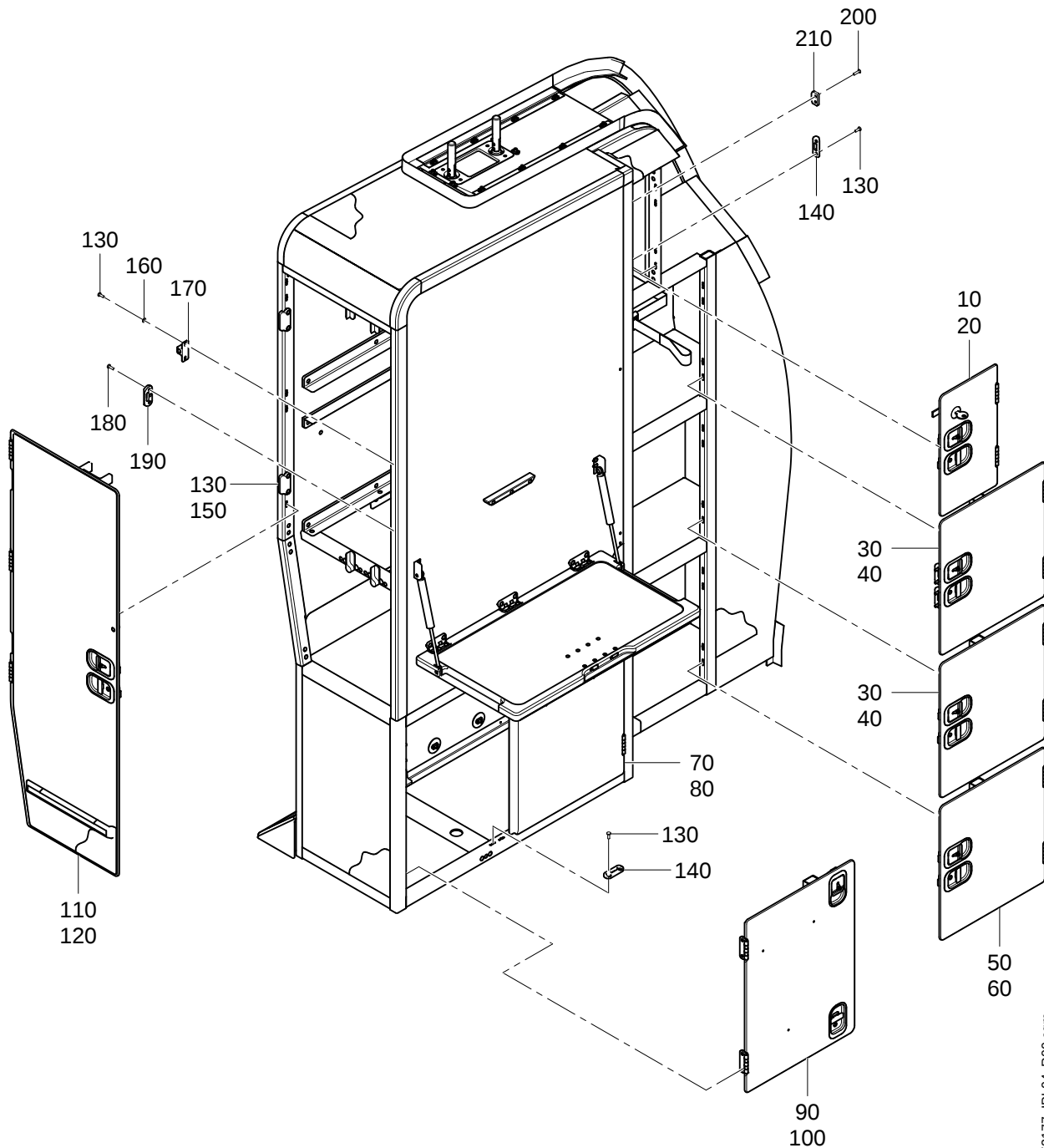
25-21-77

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 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
3						
	330 1840100		1	TABLE ASSY, FOLDING FOR DET SEE FIGURE 8		1
	340 NAS623-2-3		1	SCREW, PANHEAD		34
	350 MS51957-45		1	SCREW, PANHEAD		3
	360 NAS1149FN816P		1	WASHER		3
-	370 1841734		1	REST ASSY, FOOT		1
	380 9000647-0315		2	WIRE CUT TO LENGTH LFM 9000647 VS4453 315 MM		1
	390 1840115		2	HINGE		1
	400 1841733		2	SHEET, MAIN		1
	410 1841700		1	PANEL COMPLETE, DECOR FOR DET SEE FIGURE 9 ATTACHING PARTS		1
	420 MS24694S4		1	SCREW		8
				* * *		
	430 70F1-0217M3N1		1	FOIL, DECOR VSE992 AIRDEC F1 AIC 2.17 PEPPER SEMI GLOSS WITHOUT ADHESIVE TEXTURE MESA OPTIONAL PART 9003504 VS4453		7
	440 70F1-0211M3N1		1	FOIL, DECOR VSE992 AIRDEC F1 AIC 2.17 PEPPER SEMI GLOSS WITHOUT ADHESIVE TEXTURE MESA OPTIONAL PART 9003503 VS4453		1
-	450 1841021		1	DOOR INSTALLATION FOR DET SEE FIGURE 4	NP	1
-	460 1841020		1	LATCH INSTALLATION FOR DET SEE FIGURE 5	NP	1
-	470 1841022		1	GUIDE INSTALLATION, ANGLE FOR DET SEE FIGURE 6	NP	1
	480 1463004		1	ATTACHMENT, UPPER FOR DET SEE FIGURE 7	NP	1

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DOOR INSTALLATION
 FIGURE 4



COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
4						
-	1 1841021		0	DOOR INSTALLATION FOR NHA SEE FIGURE 3	NP	RF
	10 1841460		1	DOOR ASSY FOR DET SEE FIGURE 10A ATTACHING PARTS		1
	20 NAS623-2-2		1	SCREW, PANHEAD * * *		4
	30 1841456		1	DOOR ASSY FOR DET SEE FIGURE 10 ATTACHING PARTS		2
	40 NAS623-2-3		1	SCREW, PANHEAD * * *		4
	50 1841454		1	DOOR ASSY FOR DET SEE FIGURE 10B ATTACHING PARTS		1
	60 NAS623-2-3		1	SCREW, PANHEAD * * *		4
	70 1841480		1	DOOR ASSY FOR DET SEE FIGURE 10E ATTACHING PARTS		1
	80 NAS623-2-3		1	SCREW, PANHEAD * * *		4
	90 1841470		1	DOOR ASSY FOR DET SEE FIGURE 10C ATTACHING PARTS		1
	100 NAS623-2-3		1	SCREW, PANHEAD * * *		4
	110 1841464		1	DOOR ASSY FOR DET SEE FIGURE 10D ATTACHING PARTS		1
	120 NAS623-2-3		1	SCREW, PANHEAD * * *		6
	130 NAS623-2-3		1	SCREW, PANHEAD		30
	140 0053042		1	PLATE, STRIKE		10
	150 1838409		1	BUMPER		2
	160 NAS1149FN832P		1	WASHER		2
	170 1753485		1	RETAINER		1
	180 NAS623-2-4		1	SCREW, PANHEAD		4

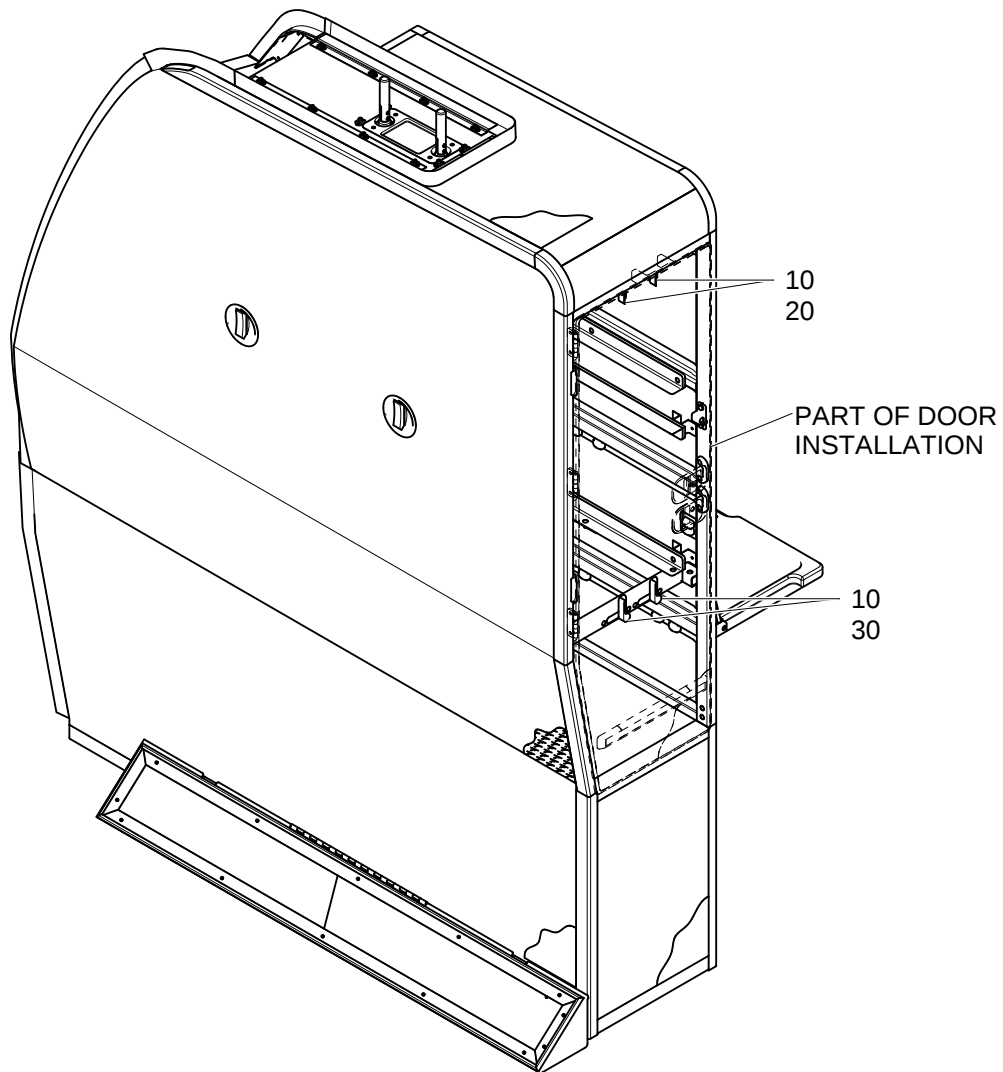
- ITEM NOT ILLUSTRATED

25-21-77

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
4						
	190 0053041		1	PLATE, STRIKE		2
	200 MS24694S7		1	SCREW		2
	210 1303229		1	PLATE		1

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LATCH INSTALLATION
FIGURE 5

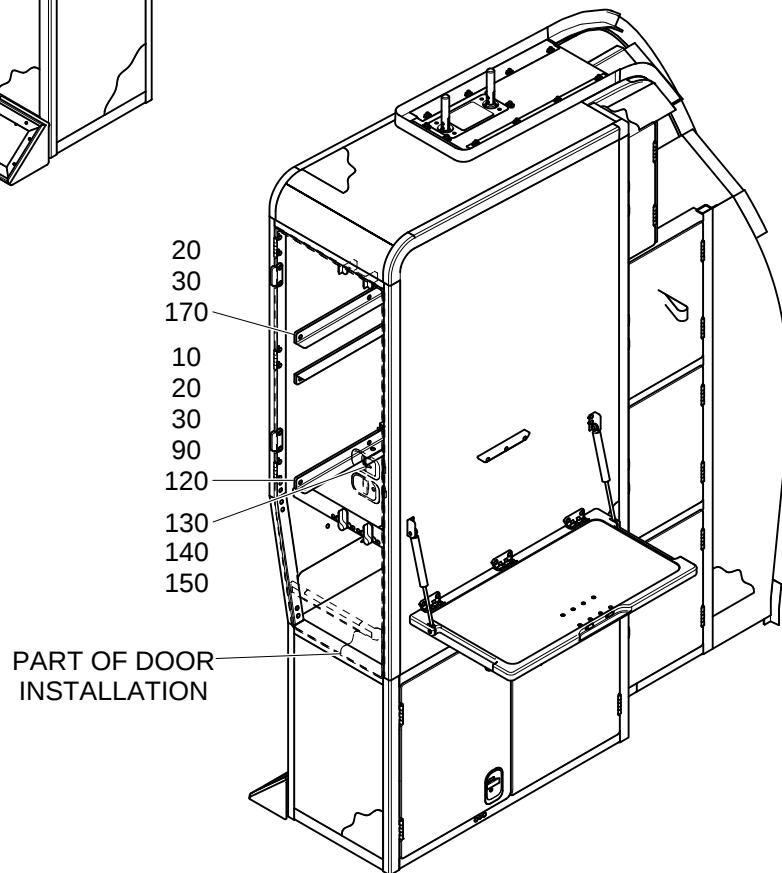
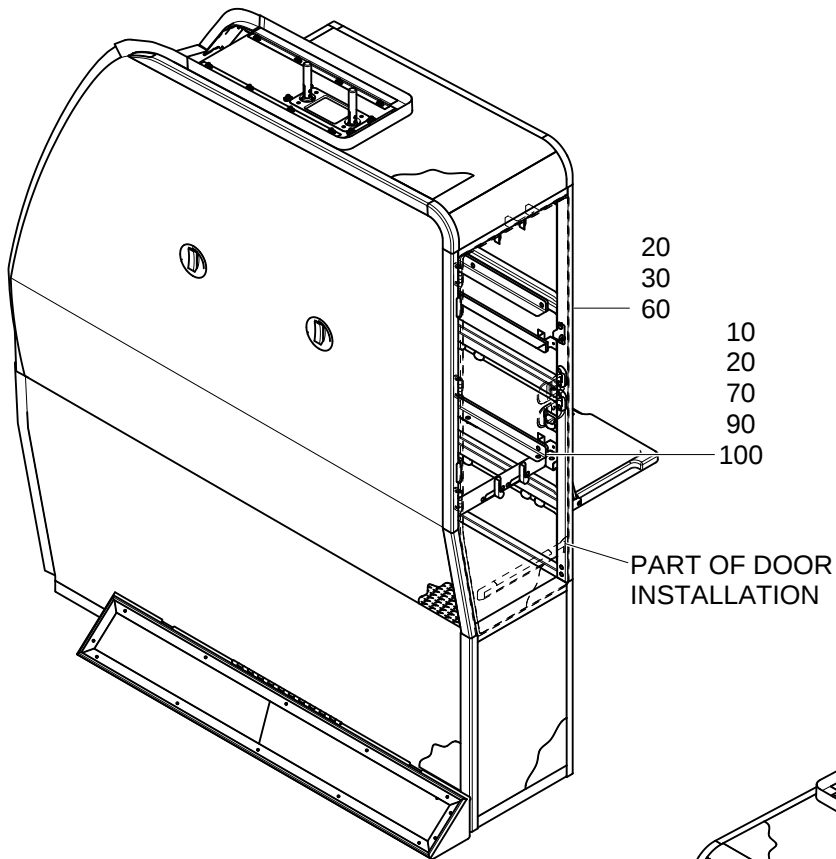
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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

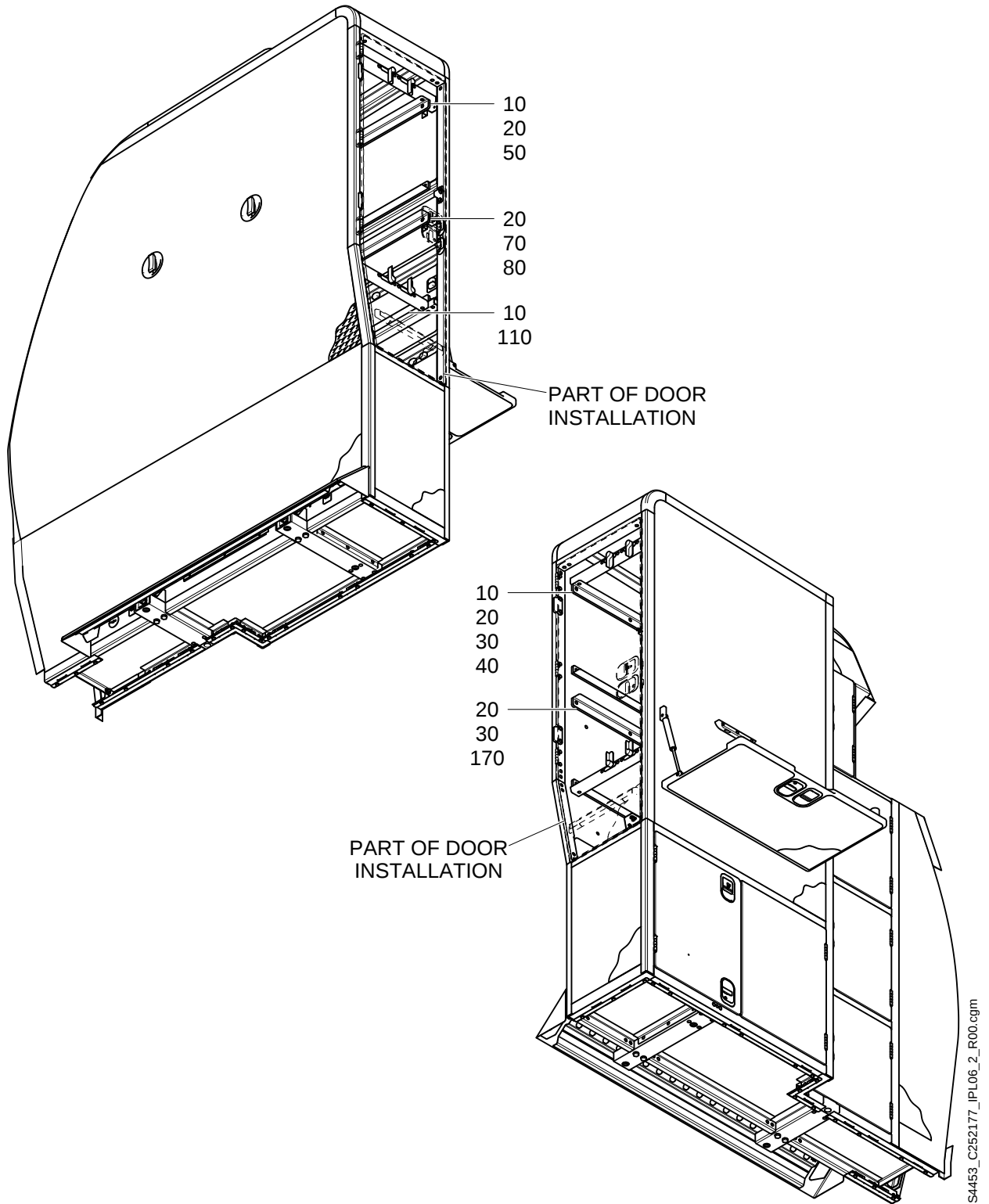
FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
5						
-	1 1841020		0	LATCH INSTALLATION FOR NHA SEE FIGURE 3	NP	RF
	10 MS24693S49		1	SCREW		8
	20 950331		1	LATCH ASSY		2
	30 950336		1	LATCH ASSY		2

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 PART NUMBER 1841000



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ANGLE GUIDE INSTALLATION
 FIGURE 6 [SHEET 1 OF 2]



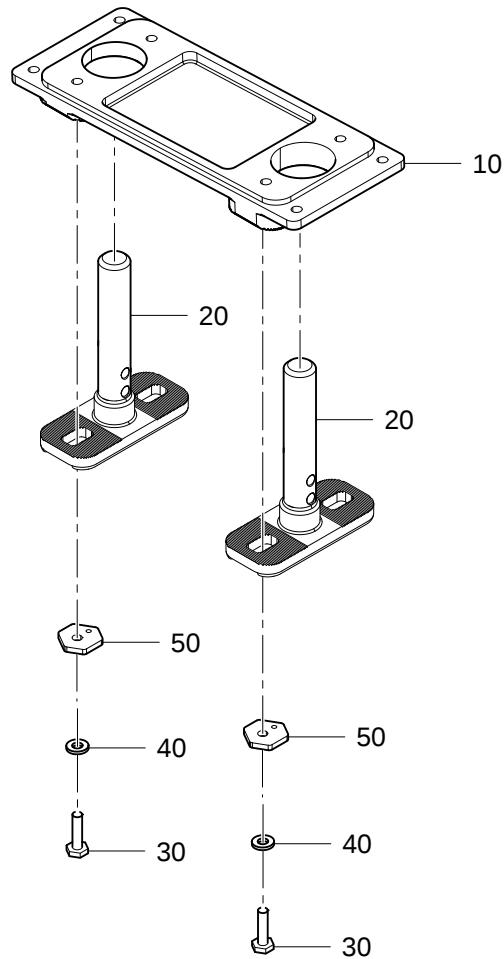
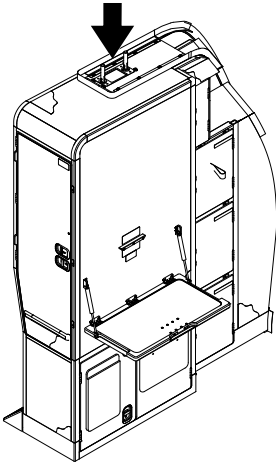
ANGLE GUIDE INSTALLATION
FIGURE 6 [SHEET 2 OF 2]

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
6						
-	1 1841022		0	GUIDE INSTALLATION, ANGLE FOR NHA SEE FIGURE 3	NP	RF
	10 MS24694S4		1	SCREW		9
	20 MS24694S8		1	SCREW		21
	30 1841316		1	SPACER		5
	40 1723711		1	GUIDE, ANGLE		1
	50 1723713		1	GUIDE, ANGLE		1
	60 1723716		1	GUIDE, ANGLE		1
	70 1841318		1	SPACER		3
	80 1723728		1	GUIDE, ANGLE		1
	90 MS24694S3		1	SCREW		2
	100 1841320		1	GUIDE, ANGLE		1
	110 1841319		1	ANGLE, ATTACHMENT		1
	120 1841715		1	GUIDE, ANGLE		1
	130 NAS623-2-4		1	SCREW, PANHEAD		3
	140 NAS1149FN832P		1	WASHER		3
	150 1841264		1	ANGLE, ATTACHMENT		1
-	160 1723718		1	GUIDE, ANGLE		1
	170 1723714		1	GUIDE, ANGLE		1



UPPER ATTACHMENT
FIGURE 7

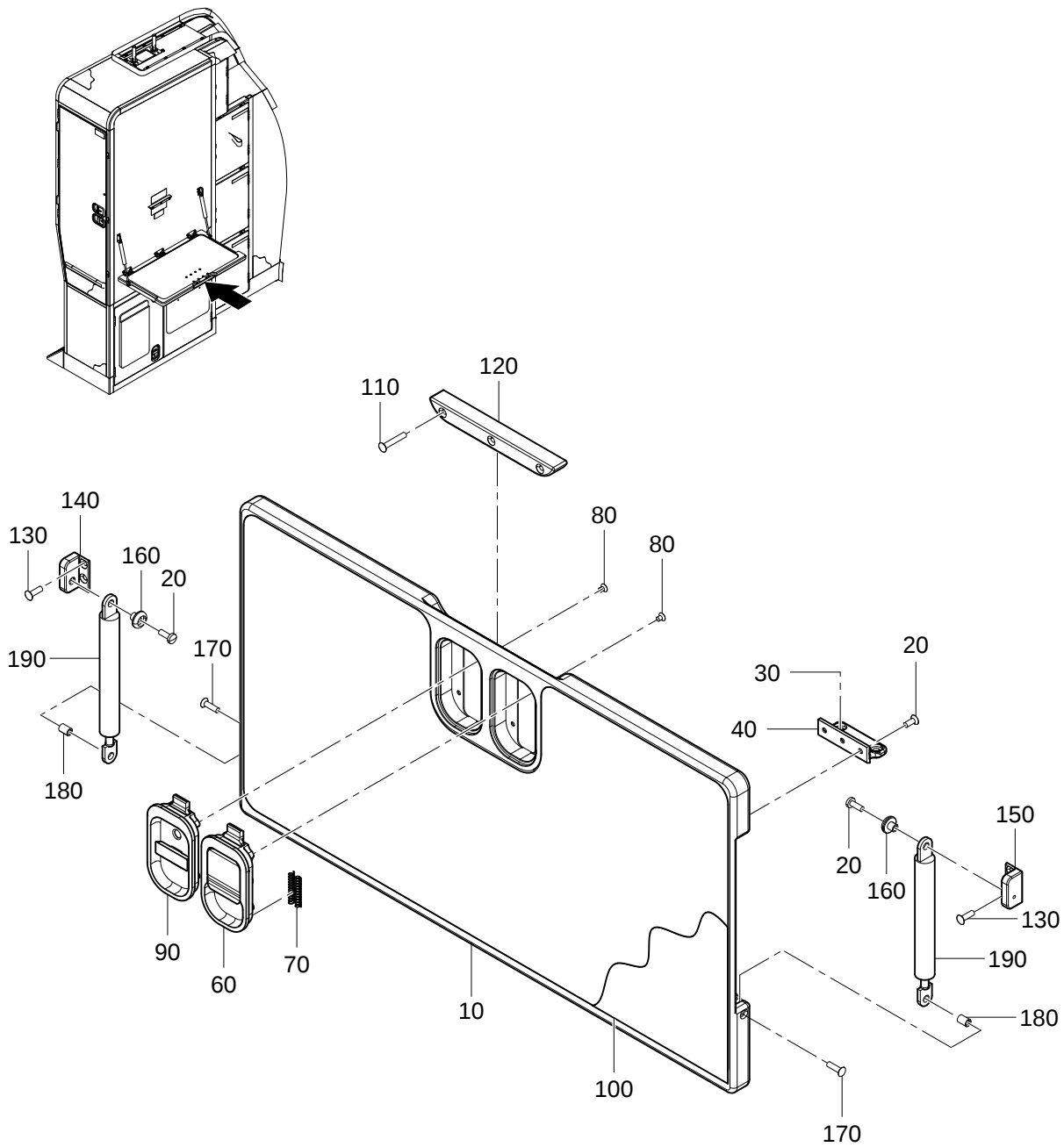
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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
7						
-	1 1463004		0	ATTACHMENT, UPPER FOR NHA SEE FIGURE 3	NP	RF
	10 1463078		1	SUPPORT, UPPER ATTACHMENT		1
	20 1463088		1	BOLT, SHEAR		2
	30 NAS6603-7		1	BOLT		4
	40 NAS1149F0363P		1	WASHER		8
	50 1463086		1	WASHER		4

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 PART NUMBER 1841000



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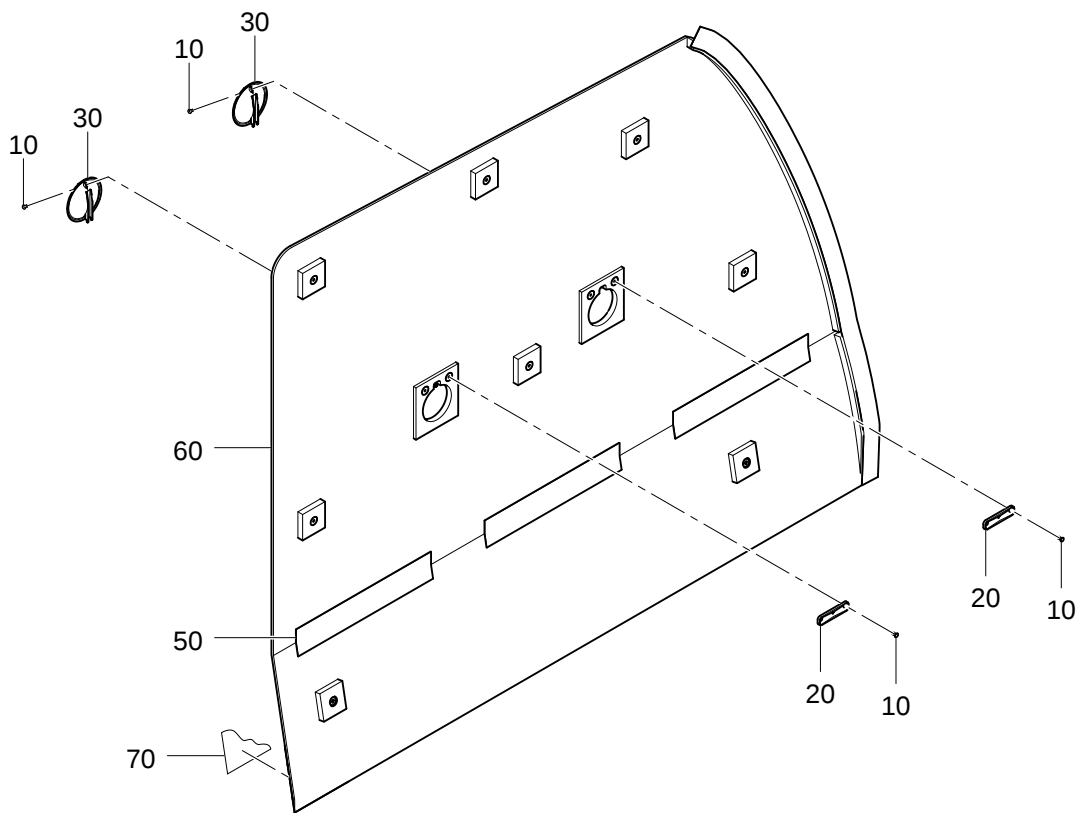
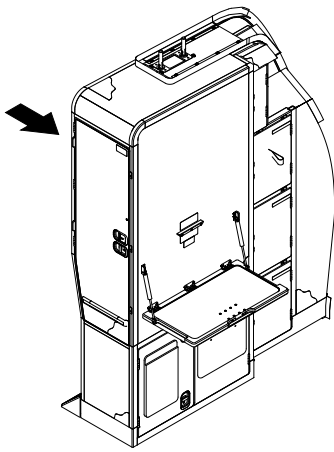
FOLDING TABLE ASSY
 FIGURE 8



COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
8						
-	1 1840100			0 TABLE ASSY, FOLDING FOR NHA SEE FIGURE 3		RF
	10 1720101			1 TABLE ASSY		1
	20 MS24694S2			1 SCREW		9
	30 NAS623-2-3			1 SCREW, PANHEAD		8
	40 1720105			1 HINGE ASSY		3
-	50 0053320			1 LATCH ASSY, PRIMARY		1
	60 0053320RF			2 LATCH ASSY, BASIC	NP	1
	70 016043			2 SPRING, COMPRESSION		2
	80 MS24693S23			1 SCREW		8
	90 0053094			1 LATCH ASSY, SECONDARY		1
	100 70F1-0217M3N1			1 FOIL, DECOR VSE992 AIRDEC F1 AIC 2.17 PEPPER SEMI GLOSS WITHOUT ADHESIVE TEXTURE MESA OPTIONAL PART 9003504 VS4453		AR
	110 MS24694S12			1 SCREW		3
	120 1720110			1 RETAINER		1
	130 MS24694S5			1 SCREW		4
	140 1720106			1 BRACKET		1
	150 1720107			1 BRACKET		1
	160 0053068			1 SLEEVE		2
	170 NAS1202-5			1 SCREW		2
	180 1150031			1 SLEEVE		2
	190 10200812			1 SPRING, GASPER VS7752 OPTIONAL PART 532053 VS7752 9000104 VS4453		2

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PART NUMBER 1841000



DECOR PANEL COMPLETE
FIGURE 9

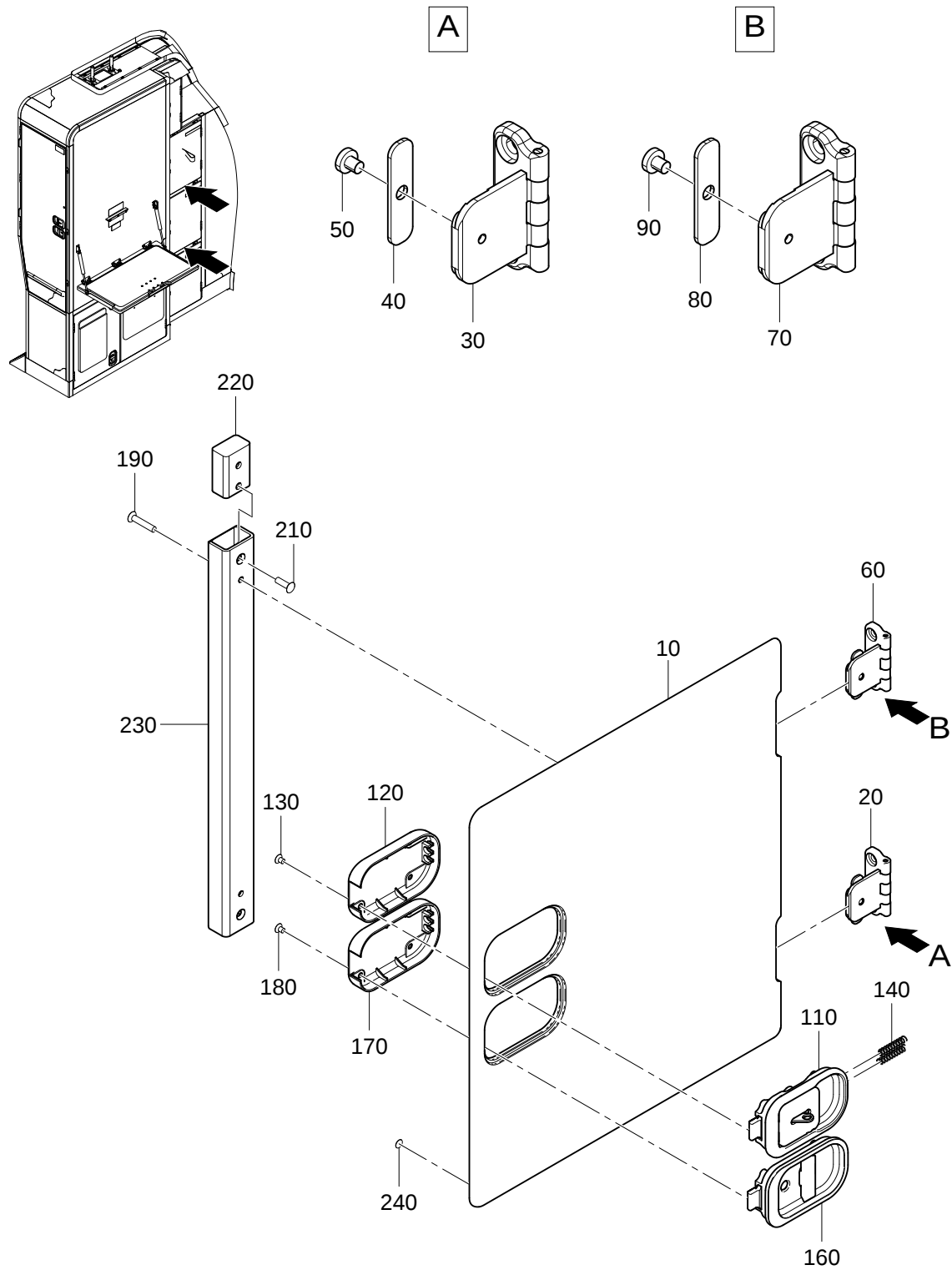
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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
9						
-	1 1841700			0 PANEL COMPLETE, DECOR FOR NHA SEE FIGURE 3		RF
	10 MS24693S25			1 SCREW		6
	20 1850005			1 SUPPORT ASSY, COAT HOOK		2
	30 AR197-3			1 HOOK, COAT V80477 OPTIONAL PART 9002354 VS4453		2
-	40 1841701			1 PANEL ASSY, DECOR		1
	50 1840120			2 ANGLE		3
	60 1841701-1			2 PANEL, DECOR		1
	70 70F1A9365U3X1			1 FOIL, DECOR V0451N OEMPNR: 70F1-A9365U3X1 AIRDEC F1 AIC 2.17 PEPPER SEMI GLOSS WITHOUT ADHESIVE TEXTURE MESA OPTIONAL PART 9003574 VS4453		1

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 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000



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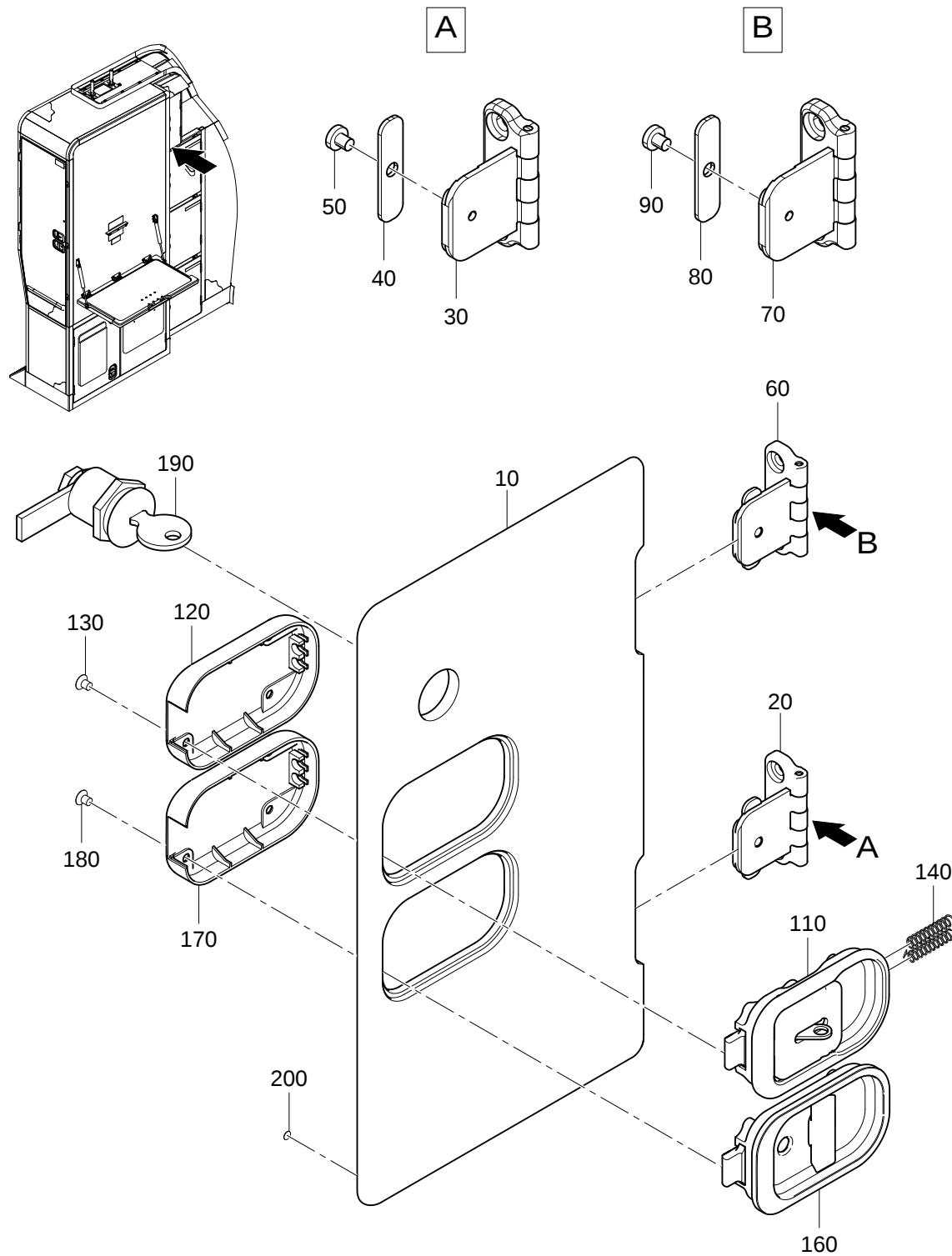
DOOR ASSY
 FIGURE 10



COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
10						
-	1 1841456		0	DOOR ASSY FOR NHA SEE FIGURE 4		RF
	10 1841451		1	DOOR		1
	20 0053000		1	HINGE ASSY		1
	30 0053000H		2	HINGE ASSY, BASIC ORDER NHA	NP	1
	40 0053004		2	HOLDER		1
	50 MS51957-40		2	SCREW, PANHEAD		1
	60 0053322		1	HINGE ASSY		1
	70 0053322H		2	HINGE ASSY, BASIC	NP	1
	80 MS51957-40		2	SCREW, PANHEAD		1
	90 0053004		2	HOLDER		1
-	100 0053020		1	LATCH ASSY, PRIMARY		1
	110 0053020L		2	LATCH ASSY, BASIC P ORDER NHA	NP	1
	120 0053017		2	COVER		1
	130 MS24693S23		2	SCREW		4
	140 016043		2	SPRING, COMPRESSION		2
-	150 0053015		1	LATCH ASSY, SECONDARY		1
	160 0053015L		2	LATCH ASSY, BASIC S ORDER NHA	NP	1
	170 0053017		2	COVER		1
	180 MS24693S23		2	SCREW		4
	190 MS24693S53		1	SCREW		2
-	200 1841135		1	STIFFENER ASSY		1
	210 MS24694S5		2	SCREW		2
	220 1303211		2	INSERT, FRAME JOINT		2
	230 1841135-1		2	STIFFENER		1
	240 1222010605		1	BUMPER OPTIONAL PART 9000150	VS3106 VS4453	8

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 PART NUMBER 1841000



DOOR ASSY
 FIGURE 10A

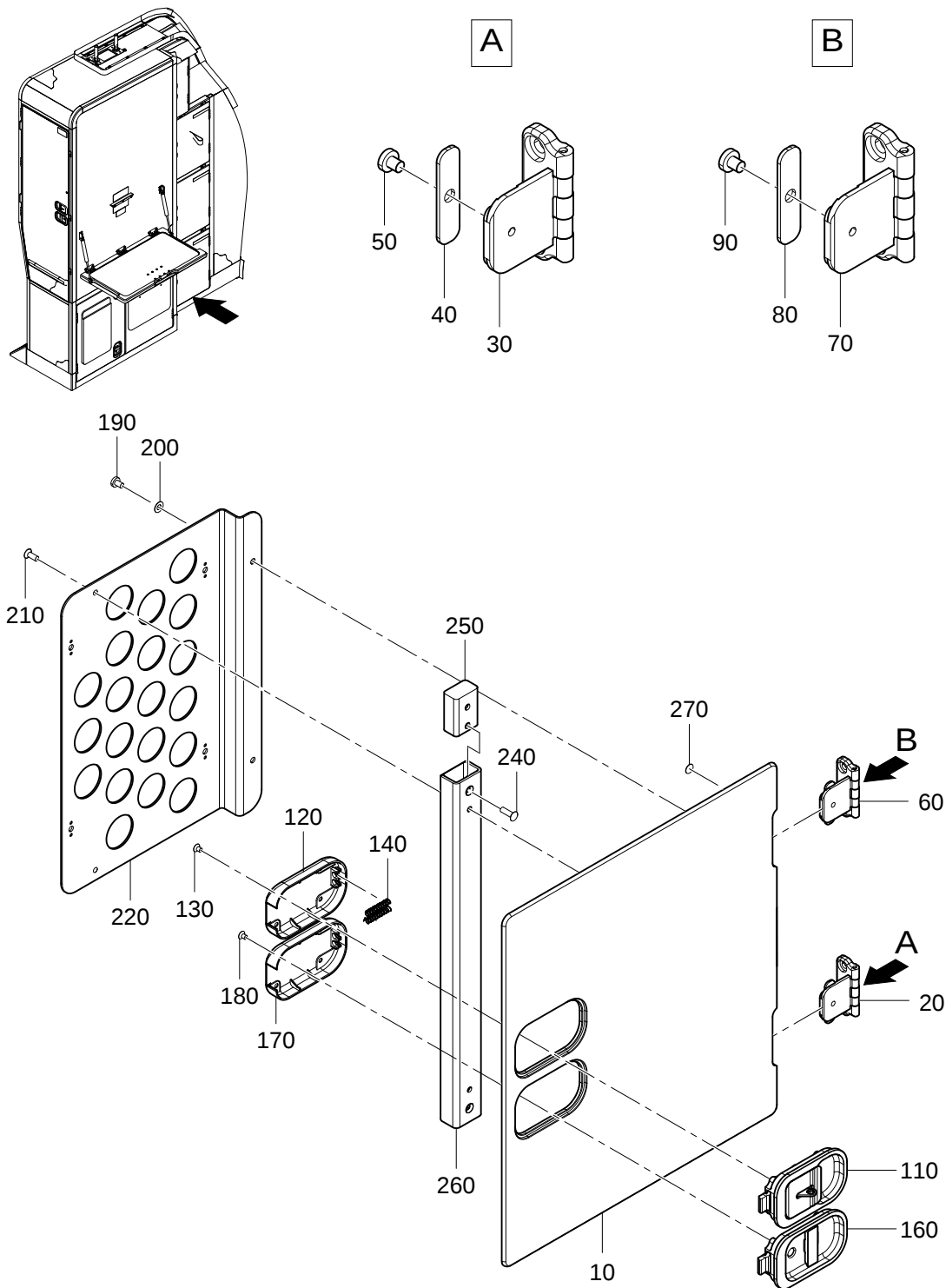
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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
10A						
-	1 1841460		0	DOOR ASSY FOR NHA SEE FIGURE 4		RF
	10 1841461		1	DOOR		1
	20 0053000		1	HINGE ASSY		1
	30 0053000H		2	HINGE ASSY, BASIC ORDER NHA	NP	1
	40 0053004		2	HOLDER		1
	50 MS51957-40		2	SCREW, PANHEAD		1
	60 0053322		1	HINGE ASSY		1
	70 0053322H		2	HINGE ASSY, BASIC	NP	1
	80 MS51957-40		2	SCREW, PANHEAD		1
	90 0053004		2	HOLDER		1
-	100 0053020		1	LATCH ASSY, PRIMARY		1
	110 0053020L		2	LATCH ASSY, BASIC P ORDER NHA	NP	1
	120 0053017		2	COVER		1
	130 MS24693S23		2	SCREW		4
	140 016043		2	SPRING, COMPRESSION		2
-	150 0053015		1	LATCH ASSY, SECONDARY		1
	160 0053015L		2	LATCH ASSY, BASIC S ORDER NHA	NP	1
	170 0053017		2	COVER		1
	180 MS24693S23		2	SCREW		4
	190 AS156475		1	CYLINDER, LOCK OPTIONAL PART 9003522	VSR324 VS4453	1
	200 1222010605		1	BUMPER OPTIONAL PART 9000150	VS3106 VS4453	6

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 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000



DOOR ASSY
 FIGURE 10B

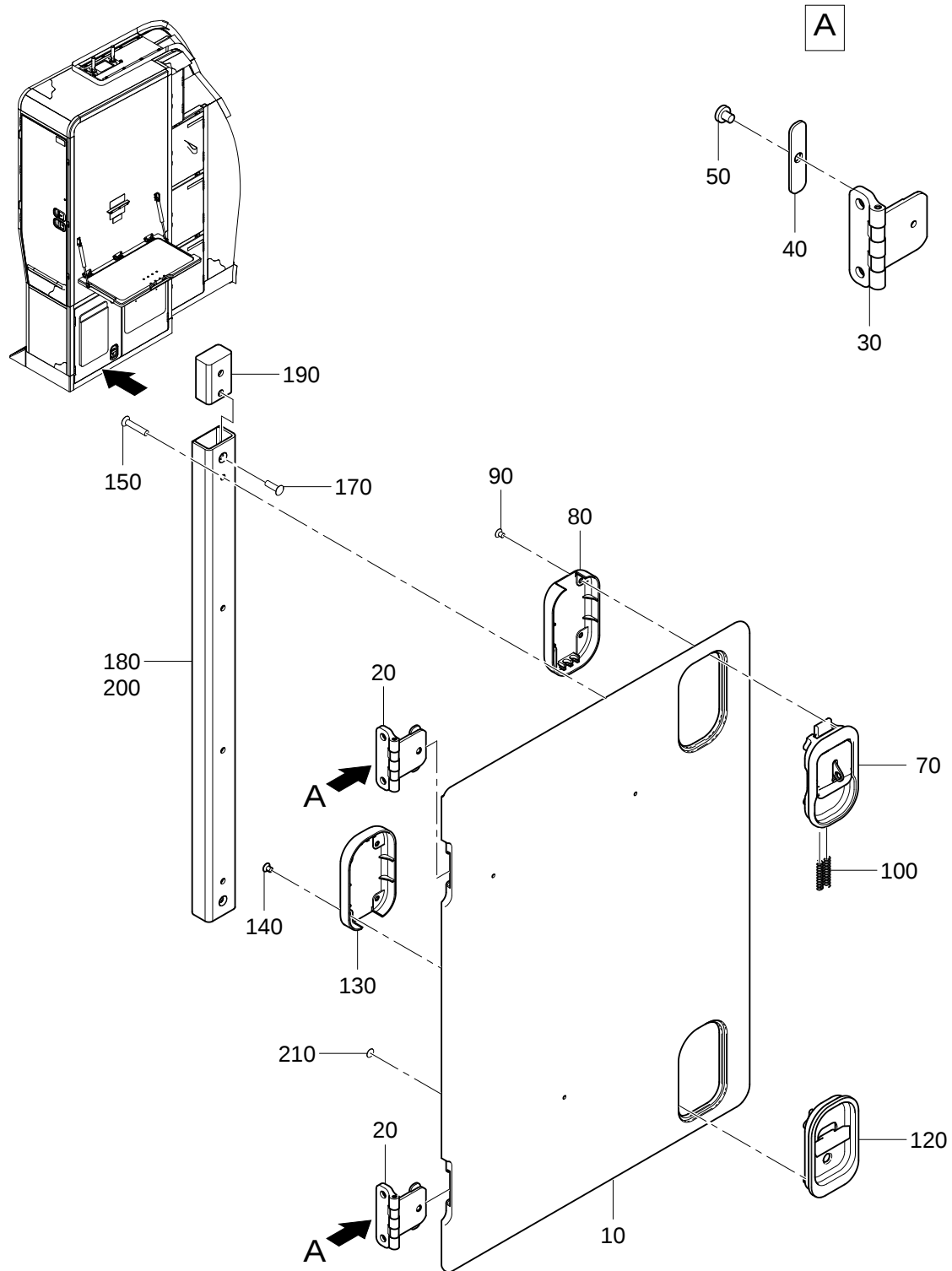
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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
10B						
-	1 1841454		0	DOOR ASSY FOR NHA SEE FIGURE 4		RF
	10 1841451		1	DOOR		1
	20 0053000		1	HINGE ASSY		1
	30 0053000H		2	HINGE ASSY, BASIC ORDER NHA	NP	1
	40 0053004		2	HOLDER		1
	50 MS51957-40		2	SCREW, PANHEAD		1
	60 0053322		1	HINGE ASSY		1
	70 0053322H		2	HINGE ASSY, BASIC	NP	1
	80 MS51957-40		2	SCREW, PANHEAD		1
	90 0053004		2	HOLDER		1
-	100 0053020		1	LATCH ASSY, PRIMARY		1
	110 0053020L		2	LATCH ASSY, BASIC P ORDER NHA	NP	1
	120 0053017		2	COVER		1
	130 MS24693S23		2	SCREW		4
	140 016043		2	SPRING, COMPRESSION		2
-	150 0053015		1	LATCH ASSY, SECONDARY		1
	160 0053015L		2	LATCH ASSY, BASIC S ORDER NHA	NP	1
	170 0053017		2	COVER		1
	180 MS24693S23		2	SCREW		4
	190 MS51957-41		1	SCREW, PANHEAD		2
	200 NAS1149FN832P		1	WASHER		2
	210 MS24693S54		1	SCREW		2
	220 1303237		1	SHEET ASSY, SUPPORT		1
-	230 1303232		1	STIFFENER ASSY		1
	240 MS24694S5		2	SCREW		2
	250 1303211		2	INSERT, FRAME JOINT		2
	260 1303233		2	STIFFENER		1
	270 1222010605		1	BUMPER OPTIONAL PART 9000150	VS3106 VS4453	8

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 PART NUMBER 1841000



DOOR ASSY
 FIGURE 10C

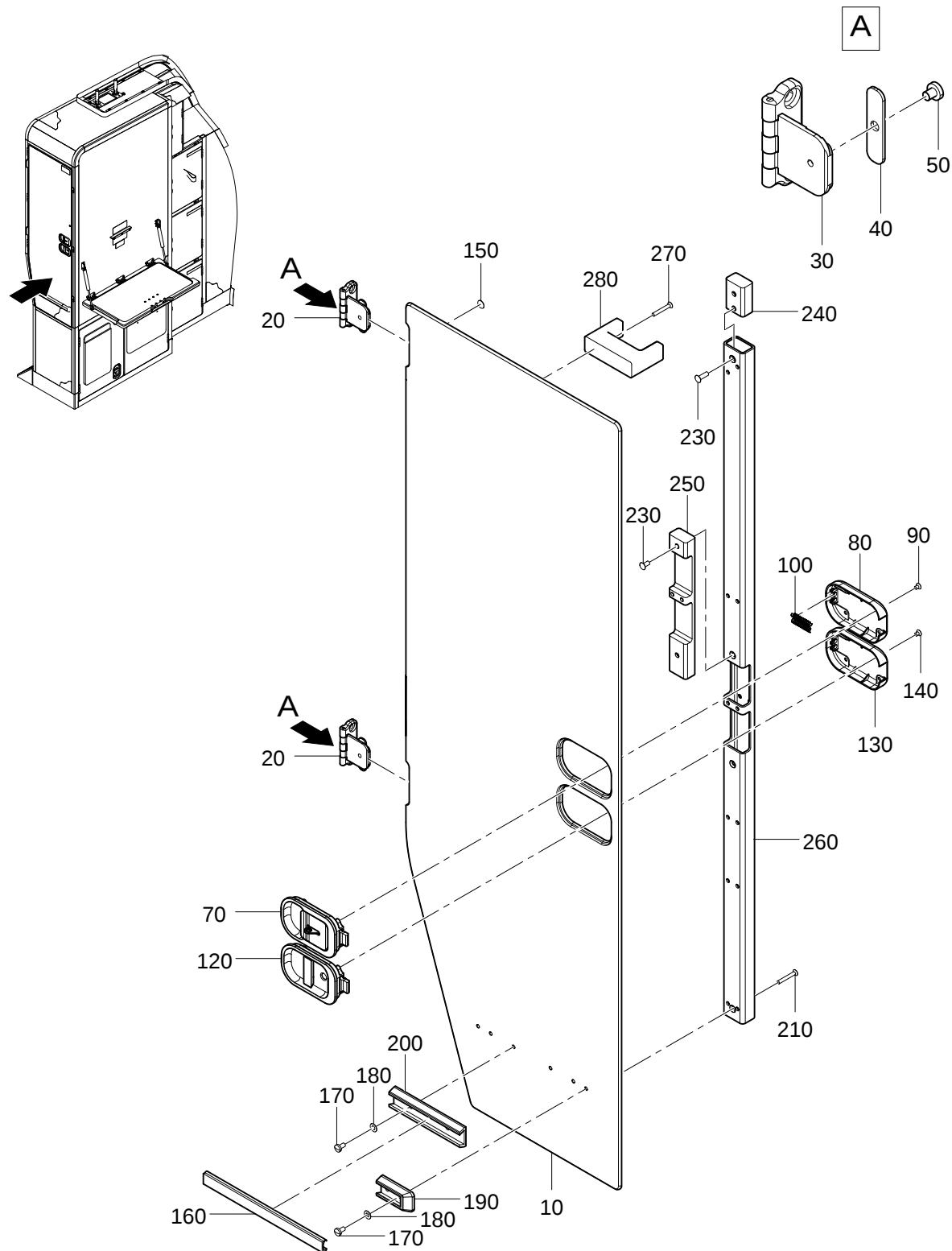
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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
10C						
-	1 1841470		0	DOOR ASSY FOR NHA SEE FIGURE 4		RF
	10 1841471		1	DOOR		1
	20 0053000		1	HINGE ASSY		2
	30 0053000H		2	HINGE ASSY, BASIC ORDER NHA	NP	1
	40 0053004		2	HOLDER		1
	50 MS51957-40		2	SCREW, PANHEAD		1
-	60 0053020		1	LATCH ASSY, PRIMARY		1
	70 0053020L		2	LATCH ASSY, BASIC P ORDER NHA	NP	1
	80 0053017		2	COVER		1
	90 MS24693S23		2	SCREW		4
	100 016043		2	SPRING, COMPRESSION		2
-	110 0053015		1	LATCH ASSY, SECONDARY		1
	120 0053015L		2	LATCH ASSY, BASIC S ORDER NHA	NP	1
	130 0053017		2	COVER		1
	140 MS24693S23		2	SCREW		4
	150 MS24693S53		1	SCREW		4
-	160 1841136		1	STIFFENER ASSY		1
	170 MS24694S5		2	SCREW		2
	180 0950926		2	INSERT, FRAME JOINT		2
	190 1303211		2	INSERT, FRAME JOINT		2
	200 1841136-1		2	STIFFENER		1
	210 1222010605		1	BUMPER OPTIONAL PART 9000150	VS3106 VS4453	8

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 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000



DOOR ASSY
 FIGURE 10D

S4453_C252177_IPL10D_R00.cgm

COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
10D						
-	1 1841464		0	DOOR ASSY FOR NHA SEE FIGURE 4		RF
	10 1841465		1	DOOR		1
	20 0053000		1	HINGE ASSY		3
	30 0053000H		2	HINGE ASSY, BASIC ORDER NHA	NP	1
	40 0053004		2	HOLDER		1
	50 MS51957-40		2	SCREW, PANHEAD		1
-	60 0053020		1	LATCH ASSY, PRIMARY		1
	70 0053020L		2	LATCH ASSY, BASIC P ORDER NHA	NP	1
	80 0053017		2	COVER		1
	90 MS24693S23		2	SCREW		4
	100 016043		2	SPRING, COMPRESSION		2
-	110 0053015		1	LATCH ASSY, SECONDARY		1
	120 0053015L		2	LATCH ASSY, BASIC S ORDER NHA	NP	1
	130 0053017		2	COVER		1
	140 MS24693S23		2	SCREW		4
	150 1222010605		1	BUMPER OPTIONAL PART 9000150	VS3106 VS4453	10
	160 9002396-0232		1	PROFILE, BUMPER CUT TO LENGTH LFM DCIN102-2-9 232 MM LFM 9002396 232 MM	VC5270 VS4453	1
	170 MS51957-42		1	SCREW, PANHEAD		6
	180 NAS1149FN816P		1	WASHER		6
	190 DCIN103-2-9		1	CAP, END OPTIONAL PART 9002395	VC5270 VS4453	2
	200 1824672		1	RETAINER		1
	210 MS24693S31		1	SCREW		12
-	220 1303206		1	STIFFENER ASSY		1
	230 MS24694S2		2	SCREW		8
	240 1303207		2	INSERT, FRAME JOINT		2
	250 1303209		2	INSERT, FRAME JOINT		1

- ITEM NOT ILLUSTRATED

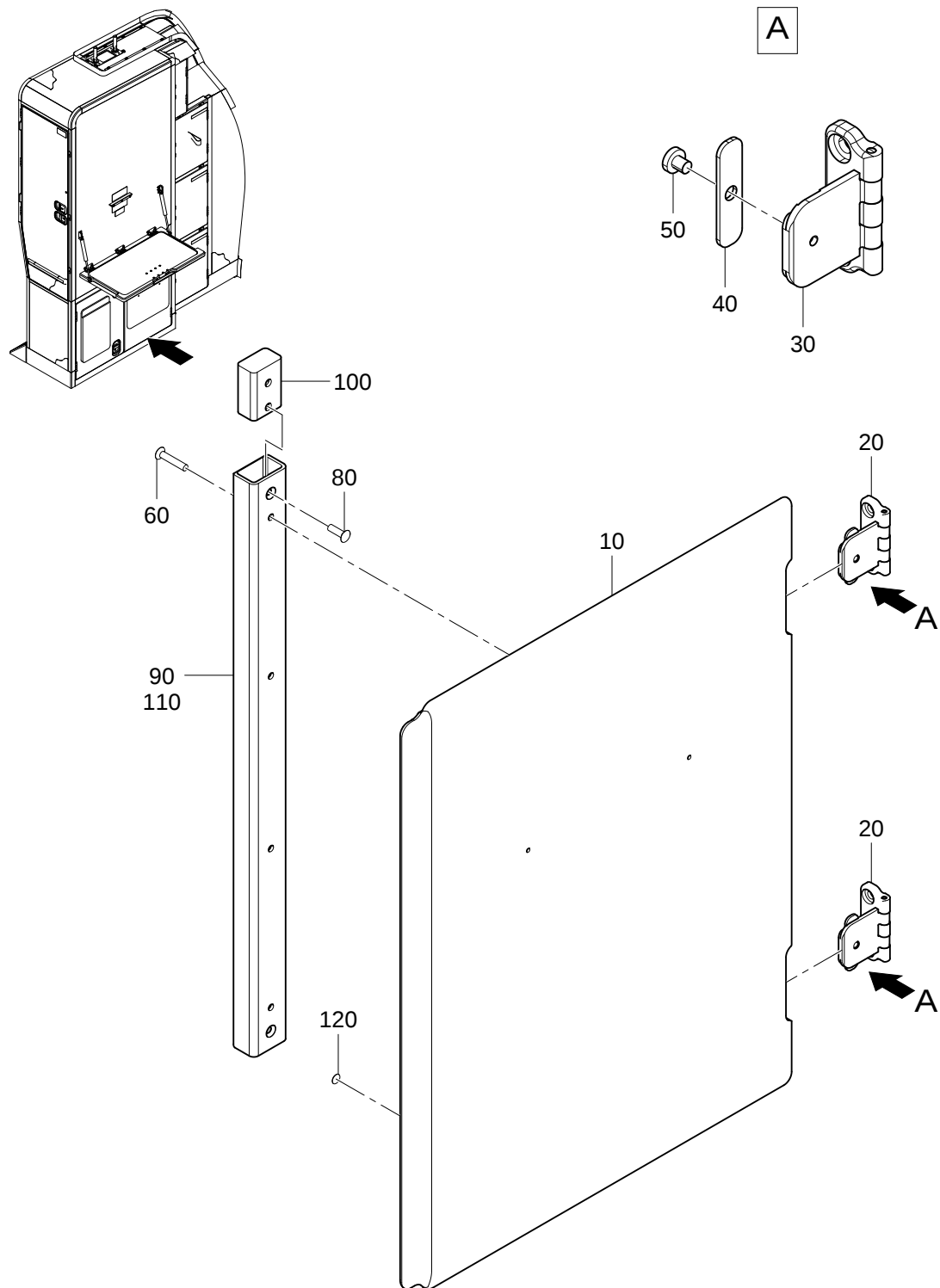
25-21-77

BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
10D						
260	1303208		2	STIFFENER		1
270	NAS623-2-1		1	SCREW, PANHEAD		4
280	1841710		1	BRACKET		2

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BUCHER
 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000



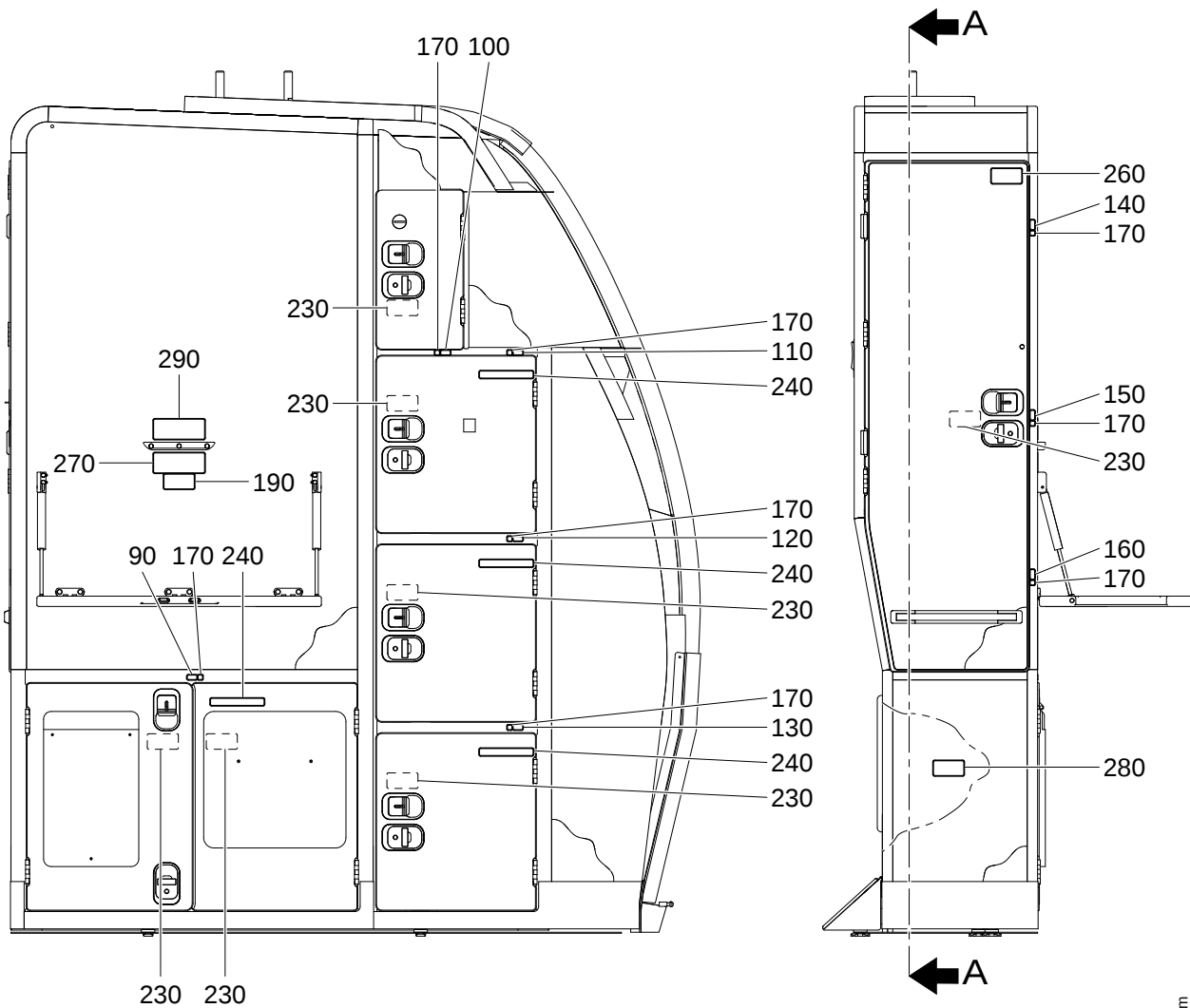
DOOR ASSY
 FIGURE 10E

S4453_C252177_IPL10E_R00.cgm



COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

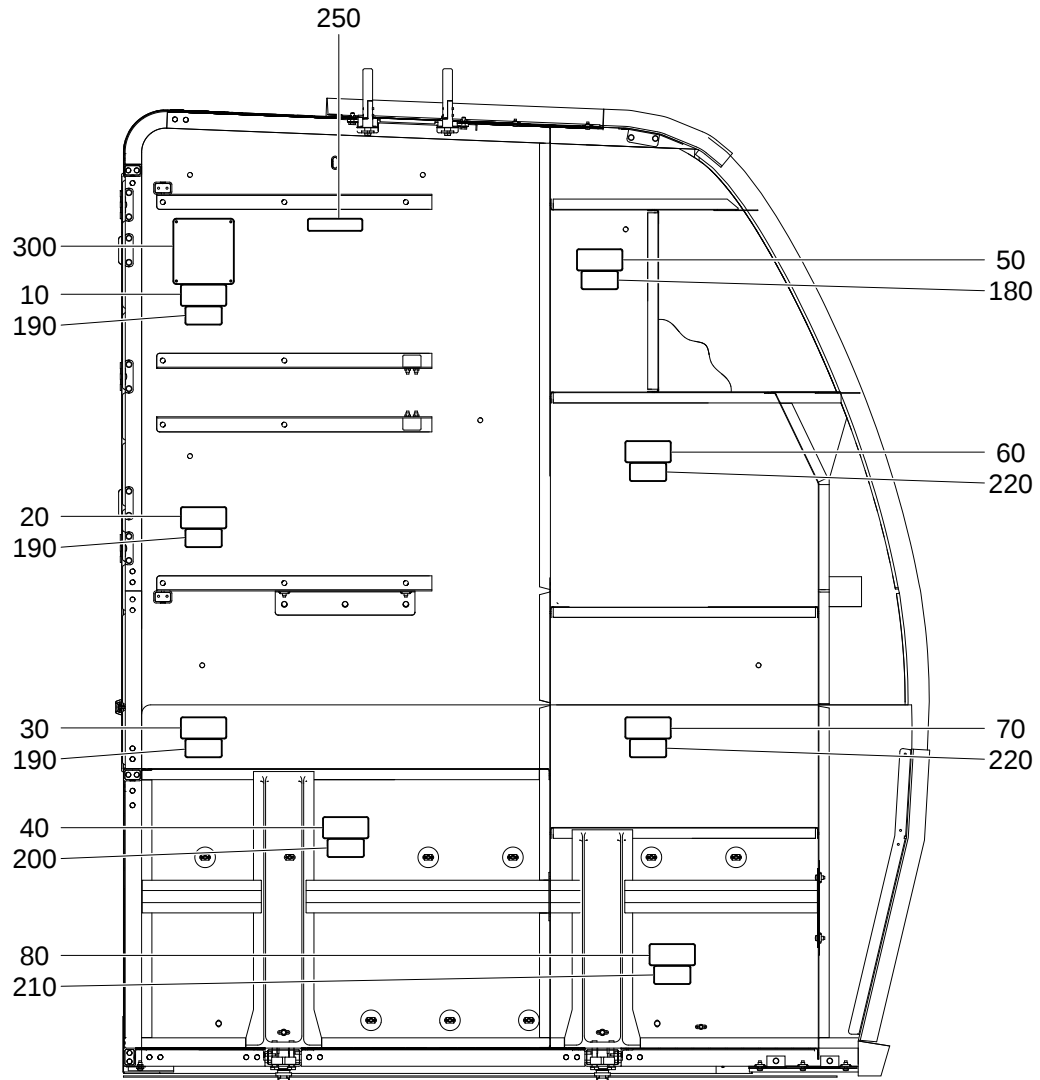
FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
10E						
-	1 1841480		0	DOOR ASSY FOR NHA SEE FIGURE 4		RF
	10 1841481		1	DOOR		1
	20 0053000		1	HINGE ASSY		2
	30 0053000H		2	HINGE ASSY, BASIC ORDER NHA	NP	1
	40 0053004		2	HOLDER		1
	50 MS51957-40		2	SCREW, PANHEAD		1
	60 MS24693S53		1	SCREW		4
-	70 1841136		1	STIFFENER ASSY		1
	80 MS24694S5		2	SCREW		2
	90 0950926		2	INSERT, FRAME JOINT		2
	100 1303211		2	INSERT, FRAME JOINT		2
	110 1841136-1		2	STIFFENER		1
	120 1222010605		1	BUMPER OPTIONAL PART 9000150	VS3106 VS4453	4



PLACARD INSTALLATION
 FIGURE 11 [SHEET 1 OF 2]

S4453_C252177_IPL11_1_R00.ogm

A



PLACARD INSTALLATION
 FIGURE 11 [SHEET 2 OF 2]

S4453_C252177_IPL11_2_R00.cgm

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
11						
-	1 1841008		0	PLACARD INSTALLATION FOR NHA SEE FIGURE 1	NP	RF
	10 0012020-301		1	PLACARD COMPARTMENT 301		1
	20 0012020-311		1	PLACARD COMPARTMENT 311		1
	30 0012020-312		1	PLACARD COMPARTMENT 312		1
	40 0012020-330		1	PLACARD COMPARTMENT 330		1
	50 0012020-331		1	PLACARD COMPARTMENT 331		1
	60 0012020-332		1	PLACARD COMPARTMENT 332		1
	70 0012020-333		1	PLACARD COMPARTMENT 333		1
	80 0012020-334		1	PLACARD COMPARTMENT 334		1
	90 0012021-330		1	PLACARD COMPARTMENT 330		1
	100 0012021-331		1	PLACARD COMPARTMENT 331		1
	110 0012021-332		1	PLACARD COMPARTMENT 332		1
	120 0012021-333		1	PLACARD COMPARTMENT 333		1
	130 0012021-334		1	PLACARD COMPARTMENT 334		3
	140 0012022-301		1	PLACARD COMPARTMENT 301		1
	150 0012022-311		1	PLACARD COMPARTMENT 301F		1
	160 0012022-312		1	PLACARD COMPARTMENT 312		1
	170 0012023		1	PLACARD ARROW		8
	180 0012024-1		1	PLACARD CAPACITY 1.0 KG - 2.2 LB		1
	190 0012024-10		1	PLACARD CAPACITY 10.0 KG - 22.0 LB		4

- ITEM NOT ILLUSTRATED

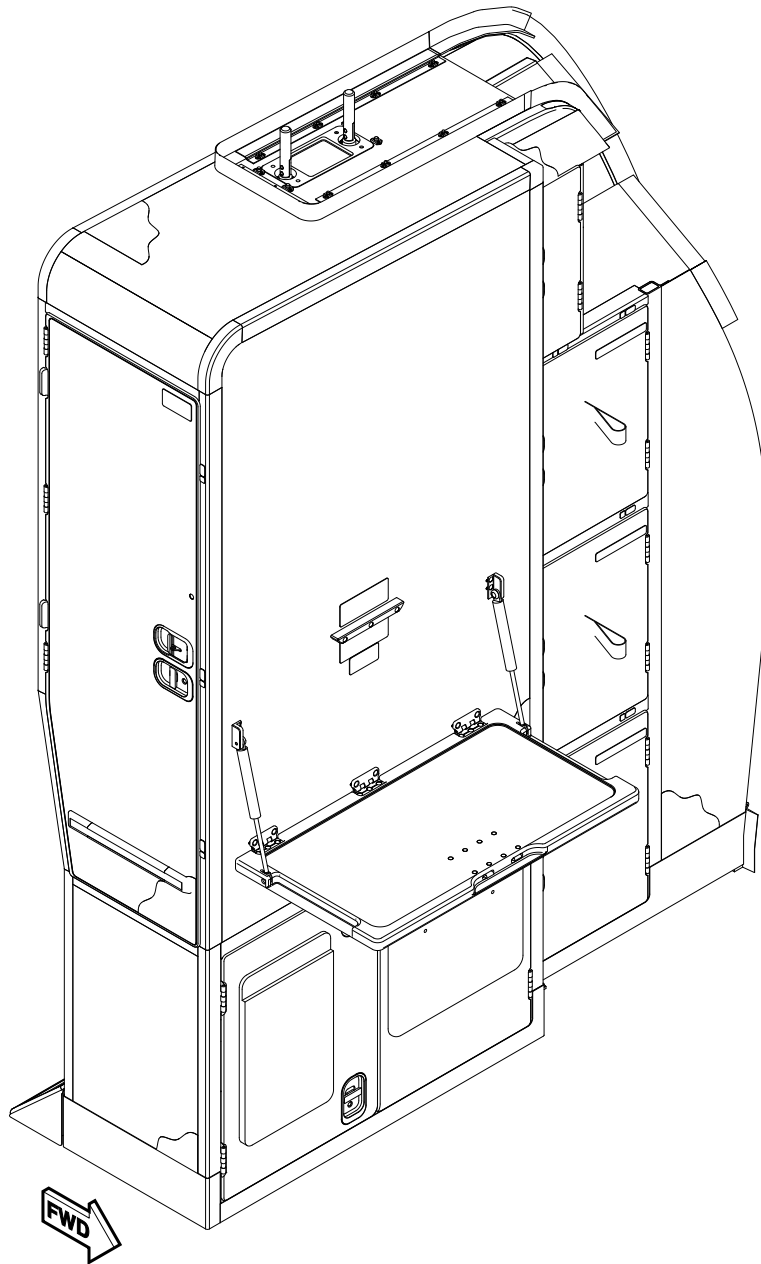
25-21-77

BUCHER
 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
11						
200	0012024-13		1	PLACARD CAPACITY 13.0 KG - 28.7 LB		1
210	0012024-3		1	PLACARD CAPACITY 3.0 KG - 6.6 LB		1
220	0012024-4		1	PLACARD CAPACITY 4.0 KG - 8.8 LB		2
230	0012033		1	PLACARD CLOSE AND SECURE IMMEDIATELY WHEN NOT IN USE		7
240	0012122		1	PLACARD EMERGENCY EQUIPMENT ONLY		4
250	0012138-20		1	PLACARD COAT ROD CAPACITY		1
260	0012274		1	PLACARD CHECK LATCH INSIDE....		1
270	0012313		1	PLACARD FOLDING TABLE MUST BE STOWED AND SECURED DURING TAXI, TAKE OFF AND LANDING		1
280	0013002		1	PLACARD ACCESS FLAP		1
290	0013879		1	PLACARD CAUTION CLOSE AND SECURE ALL DRAWERS, SCHELVES, TABLES AND SECURE LOOSE ITEMS FIR TAXI, TAKE-OFF, TURBULENCE AND LANDING		1
300	1841019		1	PLACARD, DATA	NP	1

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BUCHER
COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000



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INSTALLATION
FIGURE 12



COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

FIG. ITEM	PART NUMBER	AIRL. STOCK NO.	I N D	NOMENCLATURE	EFF CODE	UPA
12						
-	1 1841006		0	INSTALLATION FOR IDENTIFICATION OF ITEMS NOT ILLUSTRATED REFER TO PAGEBLOCK INSTALLATION FOR NHA SEE FIGURE 1	NP	RF
-	10 310025-1		1	BUSH DI 13.4 MM DA 16.9 MM		3
-	20 310025-4		1	BUSH DI 8.2 MM DA 13.3 MM		3
-	30 1483111		1	WASHER		4
-	40 1840110		1	WASHER		24
-	50 ABS1262C020		1	SPACER	VD4296	4
-	60 ABS1262F010		1	FITTING, SEAT RAIL	VD4296	4
-	70 NAS1149F0532P		1	WASHER		4
-	80 NAS1149F0563P		1	WASHER		4
-	90 NAS6605-14		1	BOLT		3
-	100 0021248		1	BUSH		1
-	110 0021260		1	BUSH		1
-	120 NSA936501TA1004		1	TERMINAL PRE-INSULATED OPTIONAL PART 134265-1 1577647-1 50845-2	VF6198 V00779 V00779 V00779	2
-	130 1841730		1	BARRIER, MOUSE		1
-	140 1841740		1	KICKSTRIP		1
-	150 1841743		1	KICKSTRIP		1
-	160 1841745		1	KICKSTRIP		1
-	170 1841746		1	KICKSTRIP		1

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

SPECIAL PROCEDURES

NOT APPLICABLE

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

REMOVAL

TASK 25-21-77-99F-820-A00

1. GENERAL

- A. This page block gives instructions for the removal of the Stowage S1 from the aircraft.
- B. After the removal, clean the Stowage S1 fully as given in the page block [CLEANING](#).

TASK 25-21-77-800-805-A00

2. PROCEDURES

Remove the Stowage S1 from the aircraft as given in the page block [INSTALLATION](#). Start with the last step and continue until the first step.

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INSTALLATION

TASK 25-21-77-99F-821-A00

1. GENERAL

- A. This page block gives instructions for the installation of the Stowage S1 into the aircraft.
- B. Before installation, clean the Stowage S1 fully, as given in the page block [CLEANING](#).

TASK 25-21-77-410-802-A00

2. PROCEDURES

CAUTION: UNLESS OTHERWISE STATED, TORQUE ALL THREADED FASTENERS TO THE TORQUE VALUES GIVEN IN THE PAGE BLOCK [FITS AND CLEARANCES](#) TO PREVENT DAMAGE TO THE THREADED FASTENERS AND THE THREADS. LOOSE COMPONENTS CAN CAUSE DAMAGE TO THE UNIT.

- A. Installation Drawing 1841006 Rev. A – Cover Page ([FIG 13001 \[Sheet 1 of 12\]](#))
- B. Installation Drawing 1841006 Rev. A – Summary ([FIG 13001 \[Sheet 2 of 12\]](#))
- C. Installation Drawing 1841006 Rev. A – Installation Assembly into A/C ([FIG 13001 \[Sheet 3 of 12\]](#))
- D. Installation Drawing 1841006 Rev. A – Installation of Lower Attachments ([FIG 13001 \[Sheet 4 of 12\]](#))
- E. Installation Drawing 1841006 Rev. A – Installation of Lower Attachments ([FIG 13001 \[Sheet 5 of 12\]](#))
- F. Installation Drawing 1841006 Rev. A – Installation of Lower Attachments ([FIG 13001 \[Sheet 6 of 12\]](#))
- G. Installation Drawing 1841006 Rev. A – Installation of Lower Sealing ([FIG 13001 \[Sheet 7 of 12\]](#))
- H. Installation Drawing 1841006 Rev. A – Installation of Upper Attachment ([FIG 13001 \[Sheet 8 of 12\]](#))
- I. Installation Drawing 1841006 Rev. A – Installation of Electrical Connection ([FIG 13001 \[Sheet 9 of 12\]](#))
- J. Installation Drawing 1841006 Rev. A – Installation of Auxiliary Parts ([FIG 13001 \[Sheet 10 of 12\]](#))
- K. Installation Drawing 1841006 Rev. A – Installation of Miscellaneous Parts ([FIG 13001 \[Sheet 11 of 12\]](#))
- L. Installation Drawing 1841006 Rev. A – The Finishing Touches ([FIG 13001 \[Sheet 12 of 12\]](#))

INSTALLATION DRAWING

EFFECTIVITY

P/N 1841000

S/N

REFERENCE DOCUMENTS

REF	DOCUMENT	NUMBER	ISSUE/REV.
-----	----------	--------	------------

1	A1B STOWAGE INTERFACE SPEC.	2527M1I 5208 00	04
2	A1B STOWAGE FRAME SPEC.	2520M1F 0102 00	01

EFFECTIVITY

P/N 1841000

S/N

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EFFECTIVITY

P/N 1841000

S/N

REFERENCE DOCUMENTS

REF	DOCUMENT	NUMBER	ISSUE/REV.
-----	----------	--------	------------

1	A1B STOWAGE INTERFACE SPEC.	2527M1I 5208 00	04
2	A1B STOWAGE FRAME SPEC.	2520M1F 0102 00	01

INSTALLATION 1841006
FIGURE 13001 [SHEET 1 OF 12]

1 SUMMARY

LOOSE ITEM SUMMARY
ITEMS WITHOUT * ARE ALREADY INSTALLED ON STOW AGE

PART LIST - K11		
QTY	PART NUMBER	DESCRIPTION 1
2	310025-1	BUSH
2	310025-4	BUSH
2	1463111	WASHER Ø6.4/2x4
12	1840110	WASHER Ø6.4/2x1
2	ABS1262C020	SPACER
2	ABS1262F010	SEAT TRACK FITTING
2	NAS1149F0532P	WASHER Ø6.33/14.3X0.8
2	NAS1149F0563P	WASHER Ø6.33/14.3X1.6
2	NAS6605-14	H/H SCREW 5/16"-24 UNF / 34.14

PART LIST - K12		
QTY	PART NUMBER	DESCRIPTION 1
1	0021248	ECCENTRIC BUSH
1	0021260	ECCENTRIC BUSH
1	1463111	WASHER Ø6.4/2x4
1	1840105	PROTECTION CAP
6	1840110	WASHER Ø6.4/2x1
1	ABS1262C020	SPACER
1	ABS1262F010	SEAT TRACK FITTING
2	MS24694S16	C/S SCREW 8-32 UNC / 30.96
1	NAS1149F0532P	WASHER Ø6.33/14.3X0.8
1	NAS1149F0563P	WASHER Ø6.33/14.3X1.6
1	NAS6605-26	H/H SCREW 5/16"-24 UNF / 56.36

PART LIST - K13		
QTY	PART NUMBER	DESCRIPTION 1
1	310025-1	BUSH
1	310025-4	BUSH
1	1463111	WASHER Ø6.4/2x4
1	1840106	PROTECTION CAP
6	1840110	WASHER Ø6.4/2x1
1	ABS1262C020	SPACER
1	ABS1262F010	SEAT TRACK FITTING
2	MS24694S16	C/S SCREW 8-32 UNC / 30.96
1	NAS1149F0532P	WASHER Ø6.33/14.3X0.8
1	NAS1149F0563P	WASHER Ø6.33/14.3X1.6
1	NAS6605-14	H/H SCREW 5/16"-24 UNF / 34.14

PART LIST - K21		
QTY	PART NUMBER	DESCRIPTION 1
1	1841751	ANGLE ASSY
1	1841752	ANGLE ASSY
1	1841753	ANGLE ASSY
1	1841754	ANGLE ASSY
1	1841755	FLOOR SEAL
1	1841756	DOUBLER
1	1841757	DOUBLER
1	1841758	DOUBLER
1	1841759	DOUBLER
1	1842220	DOUBLER
1	1842222	DOUBLER
32	NAS1149F0532P	WASHER Ø6.4/9.5X0.8
32	NAS6623-2-3	PANHEAD SCREW 8-32 UNC / 11.79

PART LIST - K41		
QTY	PART NUMBER	DESCRIPTION 1
2	0050001-1	BONDING 10-32
2	NS4936501A1004	INSULATED CABLE TERMINAL AWG10 10-32

PART LIST - K51		
QTY	PART NUMBER	DESCRIPTION 1
1	1841730	MOUSE BARRIER ASSY
1	1841740	KICKSTRIP ASSY
1	1841743	KICKSTRIP ASSY
1	1841745	KICKSTRIP ASSY
1	1841746	KICKSTRIP ASSY

LOOSE ITEM LIST CHECKED
 VISUM _____ DATE _____

MATERIAL -
 REPLACES -
 REMARKS -

1

2

3

4

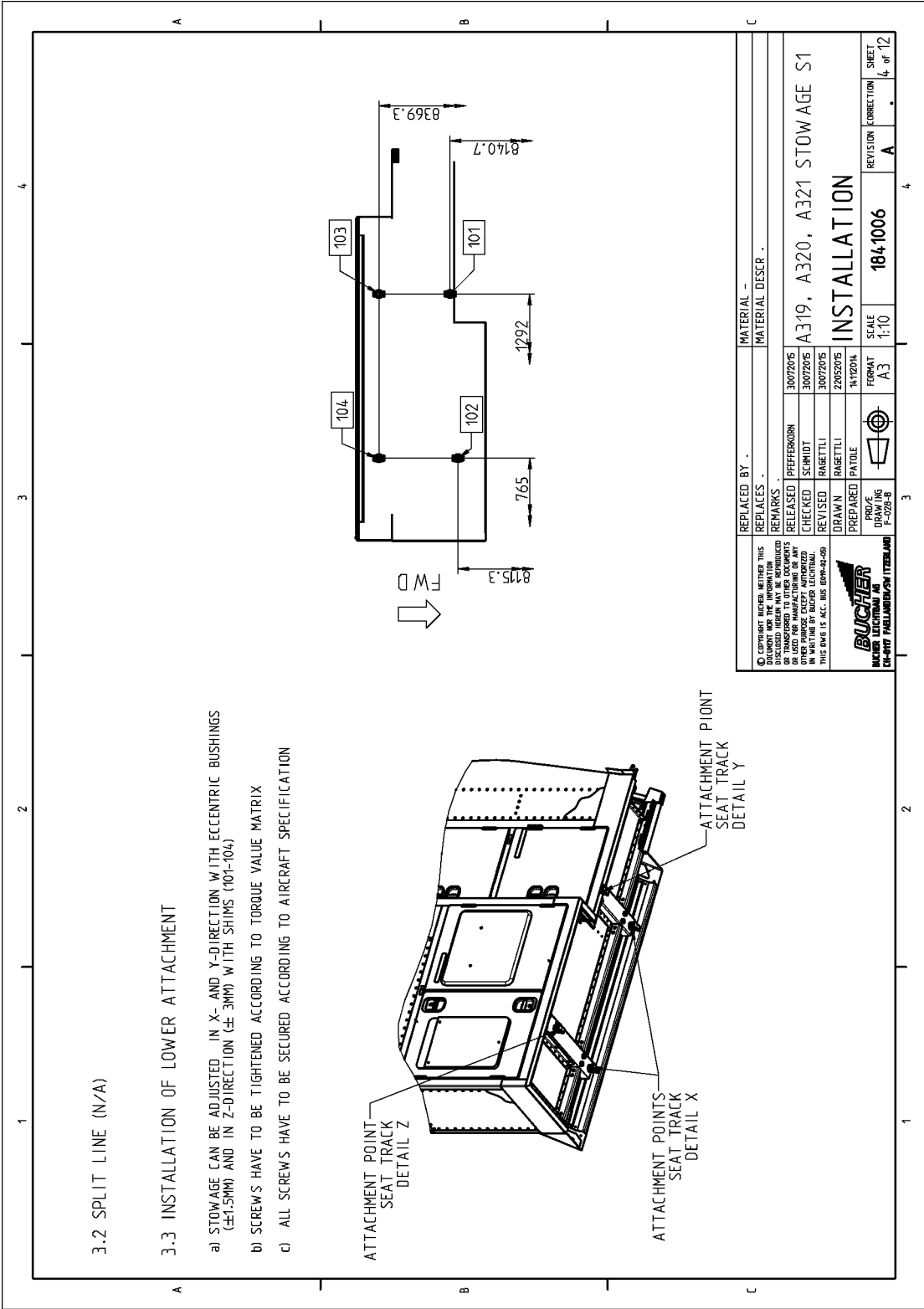
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6

INSTALLATION 1841006
FIGURE 13001 [SHEET 2 OF 12]

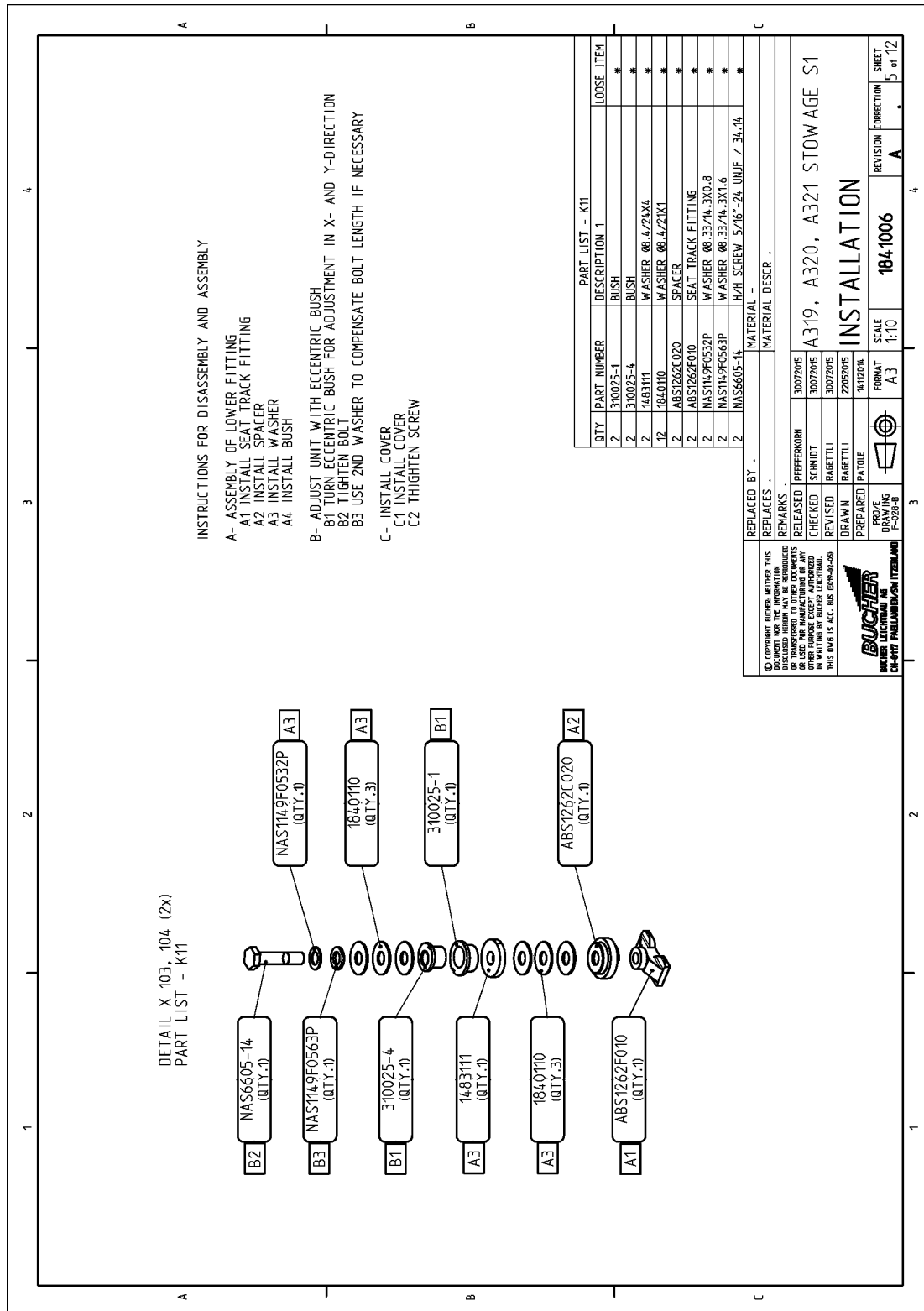
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<table border="1"><thead><tr><th rowspan="2">DESCRIPTION</th><th rowspan="2">UNIT</th><th colspan="7">SCREW SIZE</th></tr><tr><th>6-32</th><th>8-32</th><th>10-32</th><th>1/4"-20</th><th>5/16"-24</th><th>3/8"-24</th><th>1/2"-20</th><th>OTHER</th></tr></thead><tbody><tr><td>UPPER ATTACHMENT</td><td>[mm]</td><td>-</td><td>-</td><td>2.5-2.8</td><td>9.2-11.5</td><td>11.5-16</td><td>-</td><td>-</td><td>55.7-66.9</td></tr><tr><td>SPLIT LINE</td><td>[mm]</td><td>-</td><td>1.4-1.7</td><td>2.3-2.8</td><td>-</td><td>-</td><td>18.4-21.8</td><td>-</td><td>-</td></tr><tr><td>LOWER ATTACHMENT</td><td>[mm]</td><td>-</td><td>1.4-1.7</td><td>-</td><td>9.2-11.5</td><td>11.5-16</td><td>-</td><td>-</td><td>-</td></tr><tr><td>CENTER BOLT</td><td>[mm]</td><td>-</td><td>-</td><td>-</td><td>-</td><td>13.8-17.9</td><td>14-18</td><td>-</td><td>-</td></tr><tr><td>LOWER ATTACHMENT</td><td>[mm]</td><td>-</td><td>-</td><td>-</td><td>-</td><td>13.8-17.9</td><td>13</td><td>-</td><td>-</td></tr><tr><td>FLUTTER POINT</td><td>[mm]</td><td>-</td><td>-</td><td>2.3-2.8</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>WATER CONNECTION</td><td>[mm]</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>25</td></tr><tr><td>COOLING CONNECTION</td><td>[mm]</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>CAS</td><td>[mm]</td><td>-</td><td>-</td><td>-</td><td>-</td><td>11.5-16</td><td>-</td><td>-</td><td>-</td></tr><tr><td>OVEN (SUPPLIED)</td><td>N/A</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>FREEZER (SUPPLIED)</td><td>N/A</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>BUN WARMER (SUPPLIED)</td><td>N/A</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>WATER TAP (SUPPLIED)</td><td>N/A</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>ALL OTHER SCREW CONNECTIONS</td><td>[mm]</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>				DESCRIPTION	UNIT	SCREW SIZE							6-32	8-32	10-32	1/4"-20	5/16"-24	3/8"-24	1/2"-20	OTHER	UPPER ATTACHMENT	[mm]	-	-	2.5-2.8	9.2-11.5	11.5-16	-	-	55.7-66.9	SPLIT LINE	[mm]	-	1.4-1.7	2.3-2.8	-	-	18.4-21.8	-	-	LOWER ATTACHMENT	[mm]	-	1.4-1.7	-	9.2-11.5	11.5-16	-	-	-	CENTER BOLT	[mm]	-	-	-	-	13.8-17.9	14-18	-	-	LOWER ATTACHMENT	[mm]	-	-	-	-	13.8-17.9	13	-	-	FLUTTER POINT	[mm]	-	-	2.3-2.8	-	-	-	-	-	WATER CONNECTION	[mm]	-	-	-	-	-	-	-	25	COOLING CONNECTION	[mm]	-	-	-	-	-	-	-	-	CAS	[mm]	-	-	-	-	11.5-16	-	-	-	OVEN (SUPPLIED)	N/A	-	-	-	-	-	-	-	-	FREEZER (SUPPLIED)	N/A	-	-	-	-	-	-	-	-	BUN WARMER (SUPPLIED)	N/A	-	-	-	-	-	-	-	-	WATER TAP (SUPPLIED)	N/A	-	-	-	-	-	-	-	-	ALL OTHER SCREW CONNECTIONS	[mm]	-	-	-	-	-	-	-	-
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FREEZER (SUPPLIED)	N/A	-	-	-	-	-	-	-	-																																																																																																																																																							
BUN WARMER (SUPPLIED)	N/A	-	-	-	-	-	-	-	-																																																																																																																																																							
WATER TAP (SUPPLIED)	N/A	-	-	-	-	-	-	-	-																																																																																																																																																							
ALL OTHER SCREW CONNECTIONS	[mm]	-	-	-	-	-	-	-	-																																																																																																																																																							
3.1 INSTALLATION ASSEMBLY INTO A/C a) PLACE STOWAGE INTO AIRCRAFT b) RE-ASSEMBLE STOWAGE INSIDE AIRCRAFT. FOLLOW THE SPLITTING SEQUENCE VICE VERSA (SEE POINT 3.2) c) BRING STOWAGE IN PREDETERMINED POSITION d) CHECK POSITION, IF NECESSARY ADJUST STOWAGE WITH SHIMS (SEE POINT 3.3) e) MOUNT LOWER ATTACHMENT (SEE POINT 3.3) NOTICE: CHECK POSITION OF UPPER ATTACHMENT BEFORE TIGHTENING LOWER ATTACHMENT BOLTS. ADJUST STOWAGE BY SHIMS IF NECESSARY f) INSTALL LOWER SEALING (SEE POINT 3.4) g) MOUNT UPPER ATTACHMENT (SEE POINT 3.5) NOTICE: ADJUST TIE ROD. FIX AFTERWARDS WITH LOCKNUT WHICH ALSO HAS TO BE SECURED WITH LOCKWIRE h) MOUNT PELMET (SEE POINT 3.6) i) CONNECT WATER SYSTEM (SEE POINT 3.7) j) CONNECT AIR SYSTEM (SEE POINT 3.8) k) CONNECT COOLING SYSTEM (SEE POINT 3.9) l) CONNECT ELECTRICAL SYSTEM (SEE POINT 3.10) m) INSTALL WATER AND AIRFILTER (SEE POINT 3.11) n) INSTALL AUXILIARY PARTS (SEE POINT 3.12) o) INSTALL MISCELLANEOUS PARTS (SEE POINT 3.13) p) FINISHING TOUCHES (SEE POINT 4) q) CATERING EQUIPMENT INSTALLATION (SEE POINT 5)																																																																																																																																																																
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INSTALLATION 1841006
FIGURE 13001 [SHEET 3 OF 12]



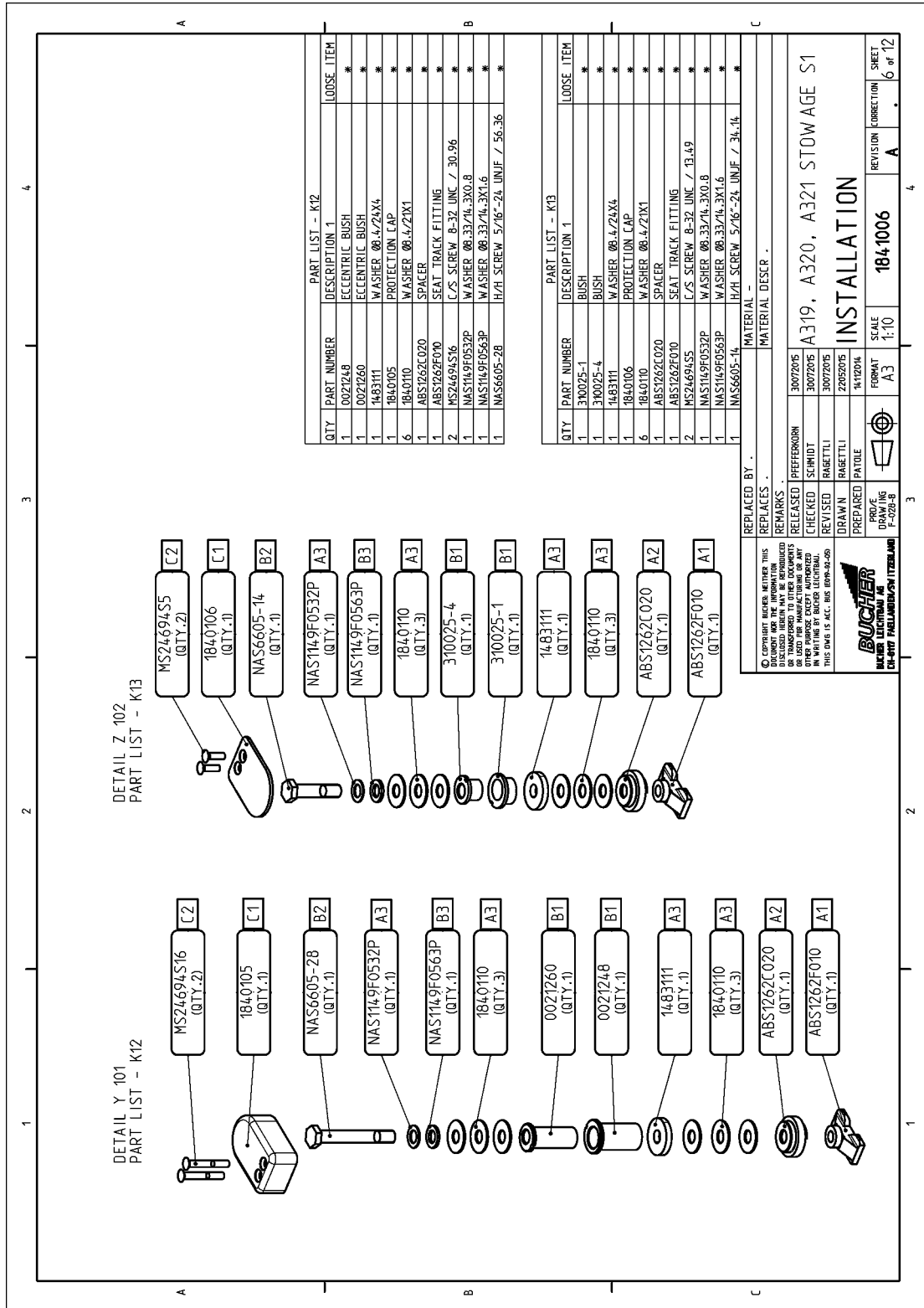
INSTALLATION 1841006
FIGURE 13001 [SHEET 4 OF 12]

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PART NUMBER 1841000



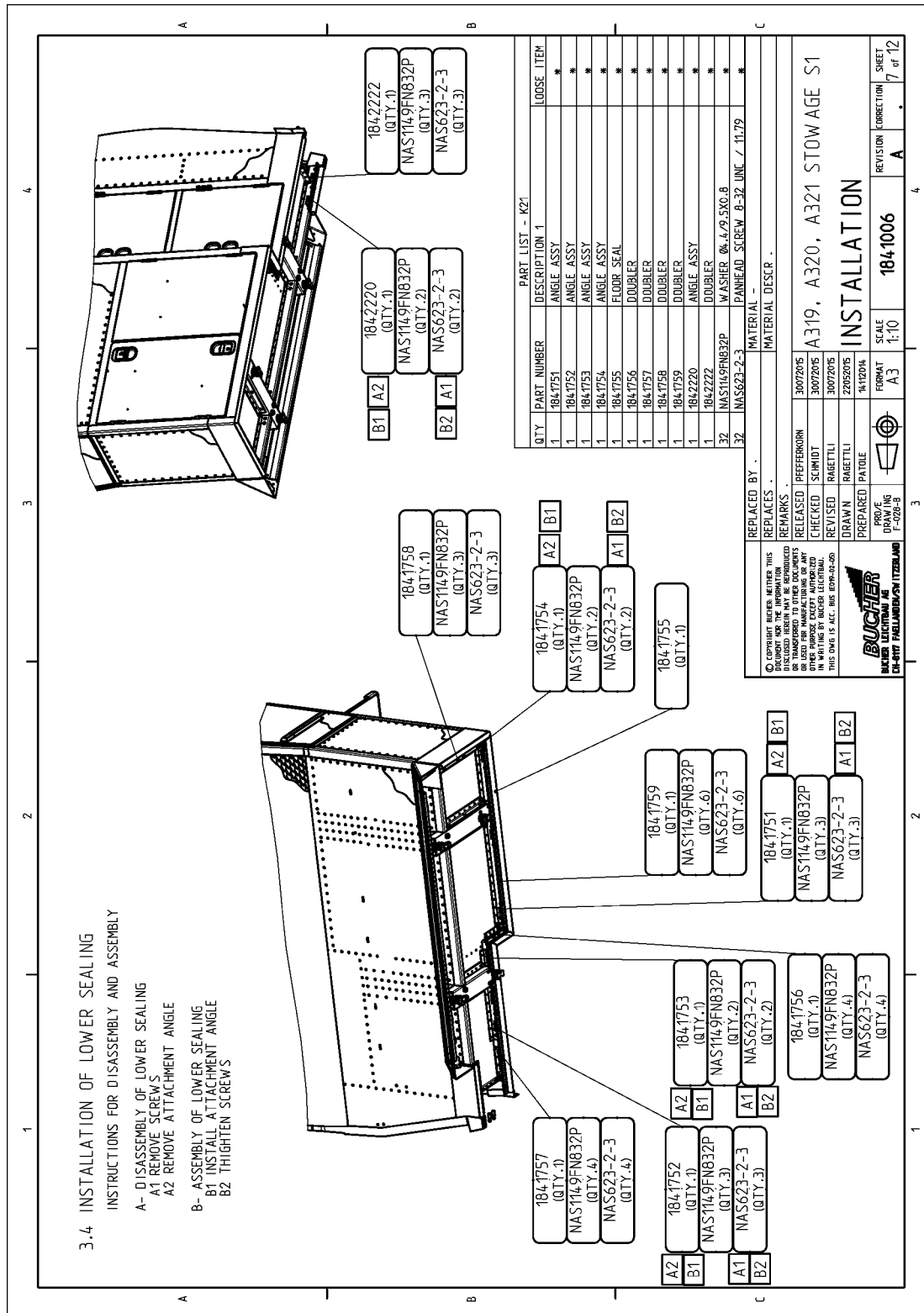
INSTALLATION 1841006
FIGURE 13001 [SHEET 5 OF 12]

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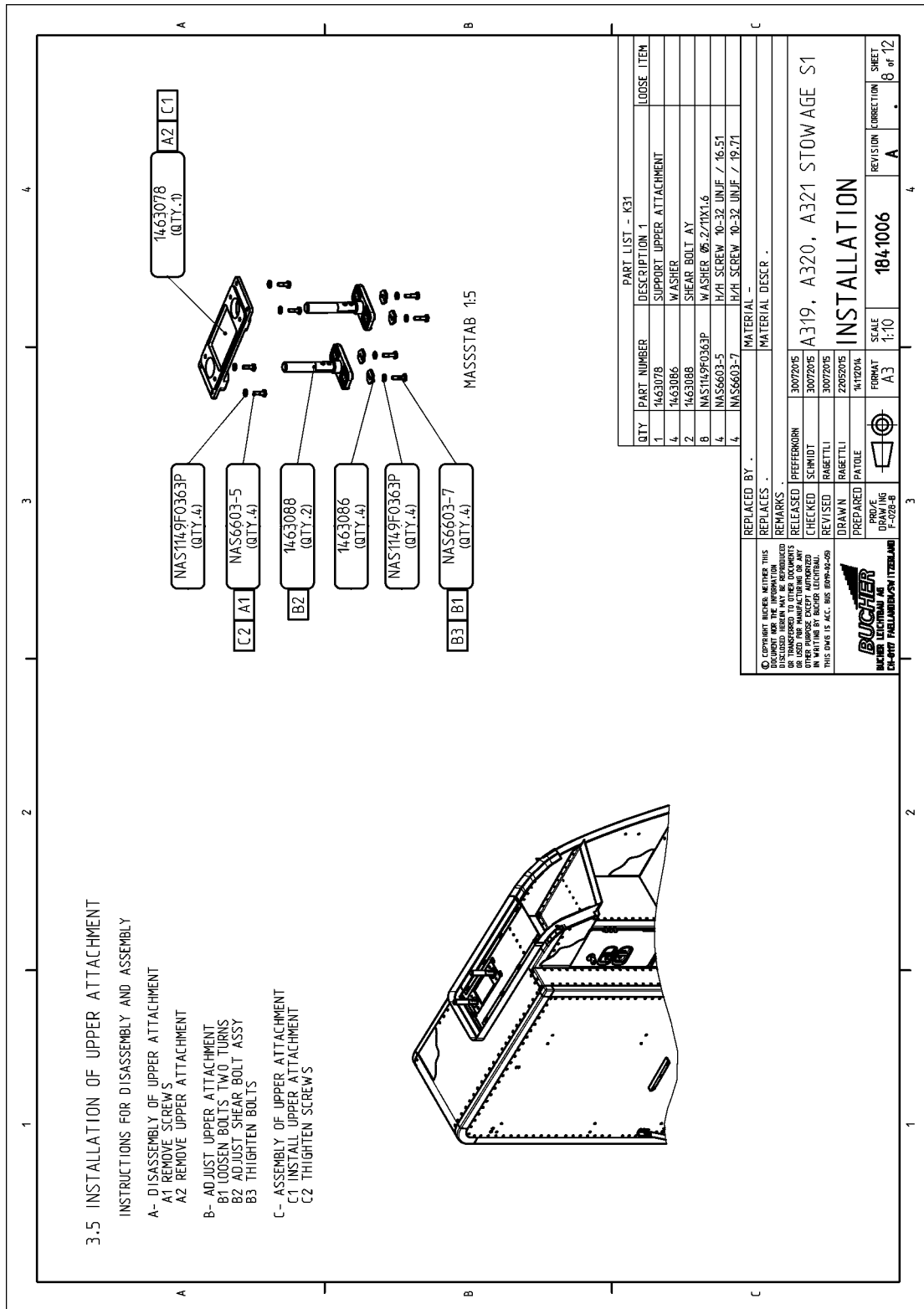
INSTALLATION 1841006
FIGURE 13001 [SHEET 6 OF 12]

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 COMPONENT MAINTENANCE MANUAL
 PART NUMBER 1841000



INSTALLATION 1841006
 FIGURE 13001 [SHEET 7 OF 12]

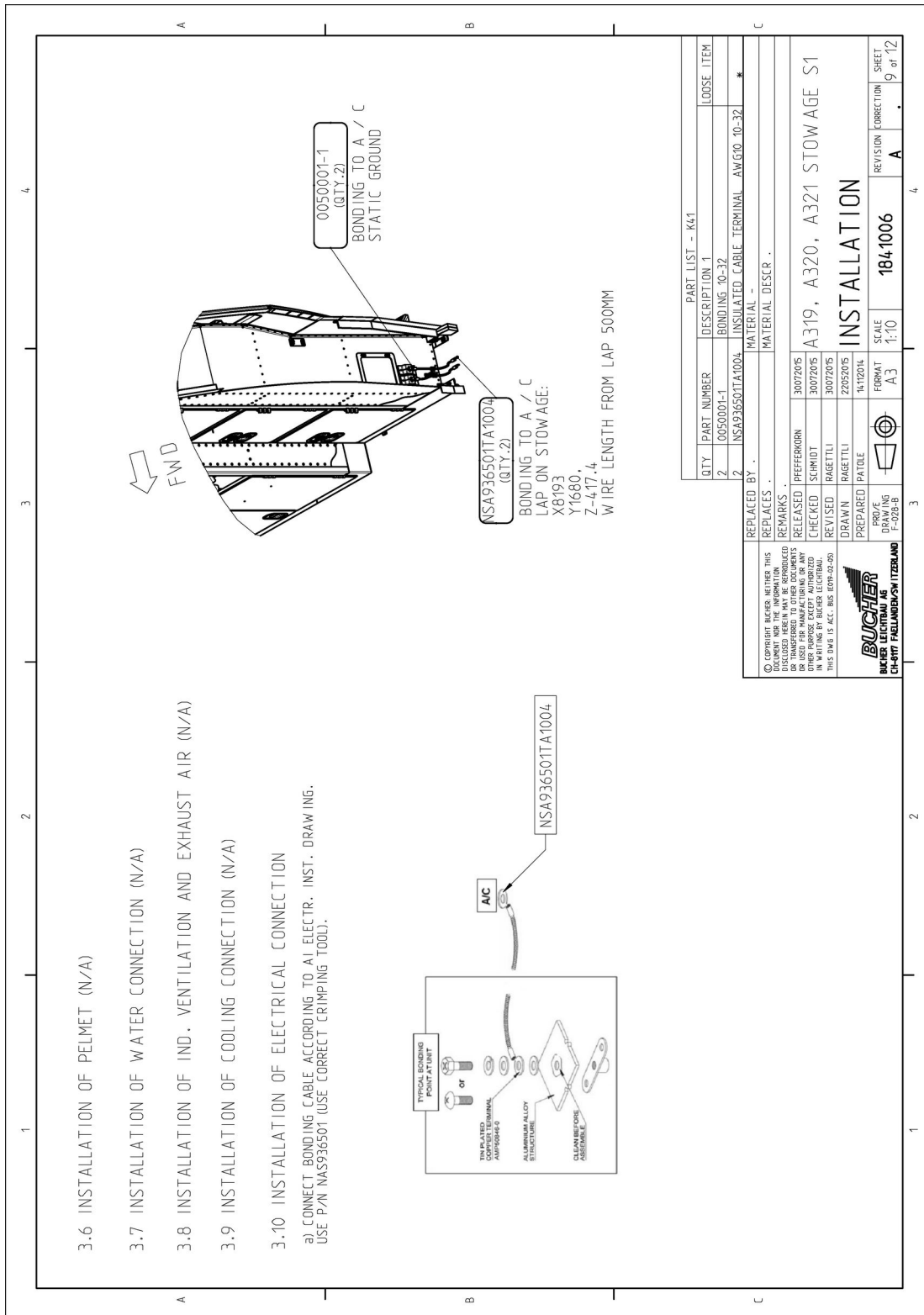
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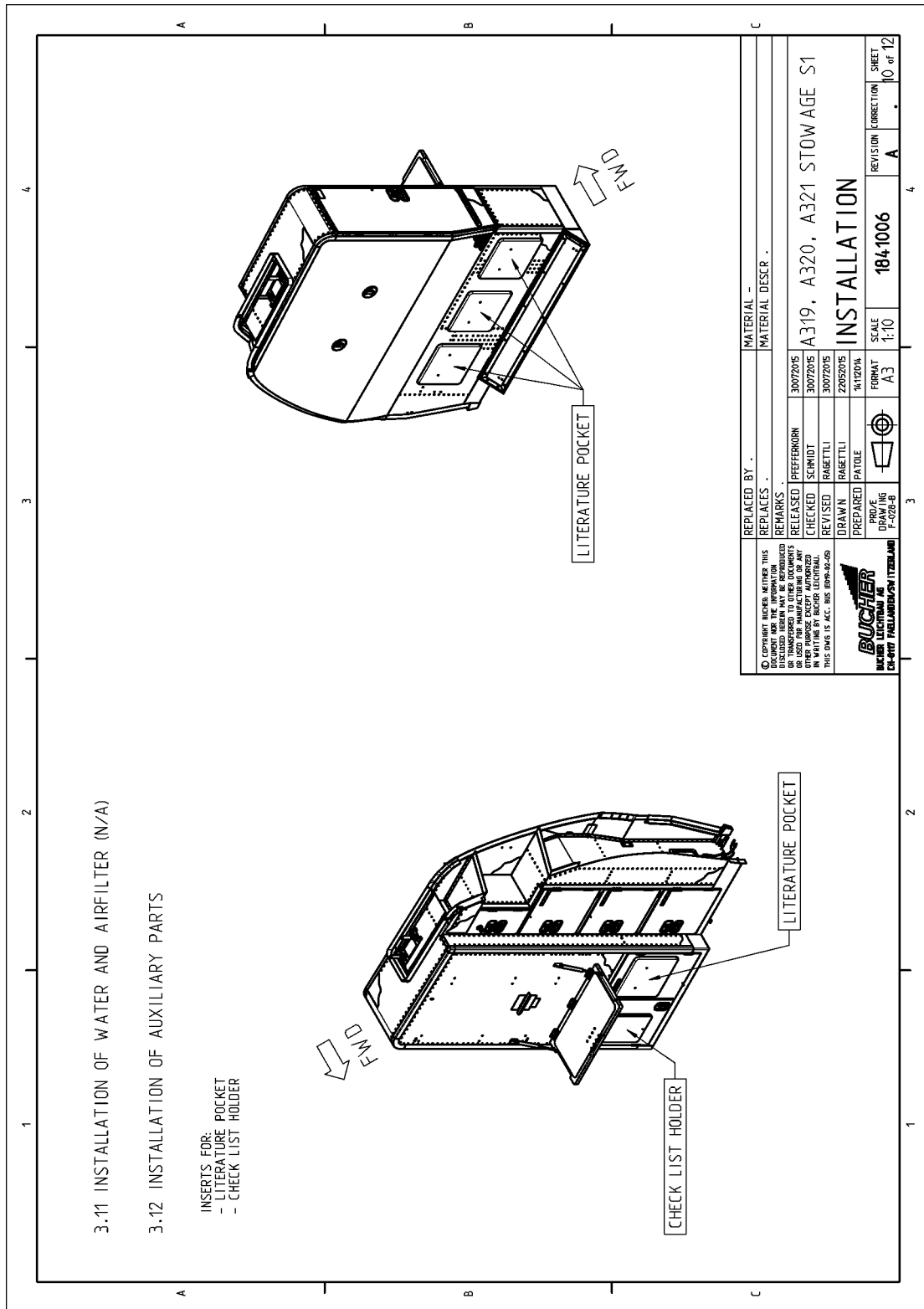
INSTALLATION 1841006
FIGURE 13001 [SHEET 8 OF 12]

COMPONENT MAINTENANCE MANUAL

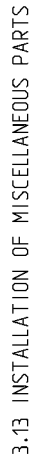
PART NUMBER 1841000



INSTALLATION 1841006
FIGURE 13001 [SHEET 9 OF 12]



INSTALLATION 1841006
 FIGURE 13001 [SHEET 10 OF 12]



INSTRUCTIONS FOR ASSEMBLY

A- INSTALL MOUSE BARRIERS

A1 INSTALL MOUSE BARRIER

B- INSTALL KICKSTRIP

B1 INSATLL KICKSTRIP

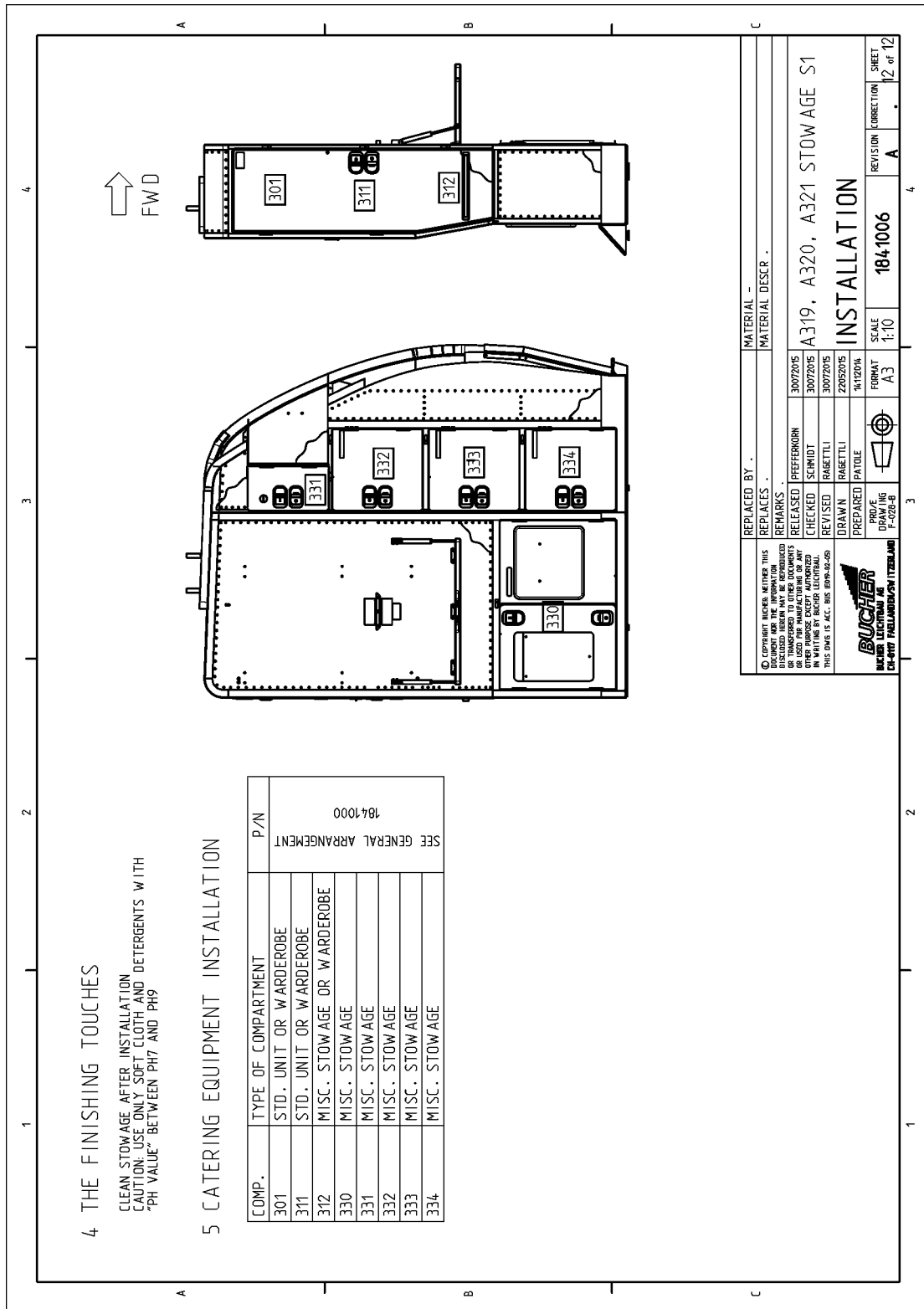
C- SEAL AFTER ASSEMBLY

C1 ALL GAPS AND OPEN FLOOR SEAL ENDS

PART LIST - #51			
QTY	PART NUMBER	DESCRIPTION 1	LOOSE ITEM
1	184-1730	MOUSE BARRIER ASSY	*
1	184-1740	KICKSTRIP ASSY	*
1	184-1743	KICKSTRIP ASSY	*
1	184-1745	KICKSTRIP ASSY	*
1	184-1746	KICKSTRIP ASSY	*

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	REPLACES			MATERIAL	DESCR.
	REMARKS				
	RELEASED [X] CHECKED [] REVISOR [] DRAWN [] PREPARED	PFEFFERKORN SCHMIDT RAETTLI RAETTLI PATIOE	300720/5 300720/5 300720/5 225250/5 74720/4	A319, A320, A321 STOW AGE S1 INSTALLATION	
	PRO/DWG 018-05 F-028-B	SCALE A3 1:10	184 1006 REVISION A	SHEET 11 of 12	

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

SERVICING

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STORAGE INCLUDING TRANSPORTATION

TASK 25-21-77-99F-822-A00

1. GENERAL

- A. This page block gives instructions for the storage of the Stowage S1.
- B. Before storage, clean the Stowage S1 fully, as given in the page block [CLEANING](#).
- C. Make sure that all parts that are not installed before storage of the Stowage S1, such as attachment / installation parts, bolts and washers, are clearly identified in plastic bags and stowed inside the Stowage S1.
- D. Replace all screws, nuts and washers with new items, regardless of the condition of the items removed.
- E. Follow all procedures given below to prevent any material damage.

TASK 25-21-77-94A-805-A00

2. LIST OF MATERIALS

The materials that follow are used in this section.

NOTE: Equivalent alternatives can be used for items in the list.

ITEM	SUPPLIER'S CODE
SILICA GEL (WISESORB MD-1000G)	LOCALLY AVAILABLE

LIST OF MATERIALS
TABLE 15001

TASK 25-21-77-800-806-A00

3. STORAGE OF THE STOWAGE S1

CAUTION: FOLLOW ALL PROCEDURES GIVEN BELOW TO PREVENT ANY MATERIAL DAMAGE.

- A. Do not stack the Stowage S1.
- B. Keep the Stowage S1 in a clean room which has good airflow. Make sure that the temperature is between 10 and 21° C (50 and 70° F) and the humidity level is not more than 65%.
- C. Do not keep the Stowage S1 near to corrosive fluids, heat or ozone generating sources.
- D. Put the Stowage S1 in a position which allows the identification label to be easily read.
- E. To prevent moisture in the unit, put silica gel (Wisesorb MD-1000g) inside the Stowage S1.
- F. After the Stowage S1 has been in storage for one (1) year:
 - (1) Examine the Stowage S1 and its component parts for damage.
 - (2) Examine the condition of the silica gel (Wisesorb MD-1000g) and replace it, if necessary.

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COMPONENT MAINTENANCE MANUAL
PART NUMBER 1841000

REWORK

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