



LIST OF EFFECTIVE PAGES

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

NOTE

The part of page affected by the modification is indicated according to the method specified by the introduction.

CAUTION

With this publication and subsequent amendments personnel responsible for the publication updating shall verify that all previous amendments have been received and embodied.

Should the publication result to be incomplete, relevant updating shall be immediately performed.

The issue dates of the original and changed pages are:

Issue/Revision	Rev.	Date	DOA Approval No.
First Issue	A	31 May 2006	EASA.R.S.01226
Revision	B	30 June 2006	AS-OWN/06/001
Revision	C	08 June 2007	AS-OWN/07/011
Revision	D	08 October 2007	AS-OWN/07/016
Revision	E	26 October 2007	AS-OWN/07/020
Revision	F	23 November 2007	AS-OWN/07/024
Reissue #1	A	26 February 2008	AS-OWN/08/004
Reissue #1	B	06 March 2008	AS-OWN/08/005
Reissue #1	C	11 March 2008	AS-OWN/08/006
Reissue #1	D	11 June 2008	AS-OWN/08/013
Reissue #1	E	27 June 2008	AS-OWN/08/016
Reissue #1	F	11 September 2008	AS-OWN/08/021
Reissue #1	G	3 December 2008	AS-OWN/08/025
Reissue #1	H	10 December 2008	AS-OWN/08/026
Reissue #1	I	10 April 2009	AS-OWN/09/010
Reissue #1	J	18 June 2009	AS-OWN/09/025
Reissue #1	K	24 June 2009	AS-OWN/09/026
Reissue #1	L	29 July 2009	AS-OWN/09/028
Reissue #1	M	16 October 2009	AS-OWN/09/041
Reissue #1	N	30 November 2009	AS-OWN/09/044
Reissue #1	O	28 January 2010	AS-OWN/10/001
Reissue #1	P	28 April 2010	AS-OWN/10/004
Reissue #2	A	21 May 2010	AS-OWN/10/011
Reissue #2	B	16 June 2010	AS-OWN/10/013
Reissue #2	C	06 October 2010	AS-OWN/10/023
Reissue #2	D	27 October 2010	AS-OWN/10/025
Reissue #2	E	11 November 2010	AS-OWN/10/028
Reissue #2	F	15 November 2010	AS-OWN/10/029
Reissue #2	G	19 January 2011	AS-OWN/11/003
Reissue #2	H	28 January 2011	AS-OWN/11/005
Reissue #2	I	25 February 2011	AS-OWN/11/010
Reissue #2	J	22 September 2011	AS-OWN/11/030
Reissue #2	K	19 October 2011	AS-OWN/11/033
Reissue #2	L	24 October 2011	AS-OWN/11/034
Reissue #2	M	26 January 2012	AS-OWN/12/002
Reissue #2	N	29 June 2012	AS-OWN/12/021
Reissue #2	O	30 November 2012	AS-OWN/12/067
Reissue #2	P	31 July 2013	AS-OWN/13/048
Reissue #2	Q	24 October 2013	AS-OWN/13/052
Reissue #2	R	27 November 2013	AS-OWN/13/059
Reissue #2	S	28 November 2013	AS-OWN/13/063
Reissue #2	T	06 June 2014	AS-OWN/14/022
Reissue #2	U	17 September 2014	AS-OWN/14/039
Reissue #2	V	02 October 2014	AS-OWN/14/045
Reissue #2	W	29 October 2014	AS-OWN/14/047
Reissue #2	X	10 December 2014	AS-OWN/14/056
Reissue #2	Y	19 December 2014	AS-OWN/14/063
Reissue #2	Z	10 February 2015	AS-OWN/15/003
Reissue #2	AA	29 April 2015	AS-OWN/15/017
Reissue #2	AB	07 May 2015	AS-OWN/15/018
Reissue #2	AC	25 May 2015	AS-OWN/15/023
Reissue #2	AD	30 June 2015	AS-OWN/15/027
Reissue #2	AE	29 September 2015	AS-OWN/15/034
Reissue #2	AF	28 October 2015	AS-OWN/15/043
Reissue #2	AG	05 November 2015	AS-OWN/15/048
Reissue #2	AH	11 November 2015	AS-OWN/15/051
Reissue #2	AI	25 November 2015	AS-OWN/15/055
Reissue #2	AJ	09 December 2015	AS-OWN/15/060
Reissue #2	AK	29 March 2016	AS-OWN-16-010

**Owner's Manual
for FWD BULKHEAD INST.
P/N 6AB1AD005-001**

6AB1WNM-2-4



Issue/Revision	Rev.	Date	DOA Approval No.
Reissue #2	AL	02 May 2016	AS-OWN-16-011
Reissue #2	AM	22 June 2016	AS-OWN-16-022
Reissue #2	AN	25 July 2016	AS-OWN-16-027
Reissue #2	AO	29 July 2016	AS-OWN-16-029
Reissue #2	AP	08 June 2017	AS-OWN-17-017
Reissue #2	AQ	21 November 2017	AS-OWN-17-029
Reissue #2	AR	07 December 2017	AS-OWN-17-032
Reissue #2	AS	20 December 2017	AS-OWN-17-035
Reissue #2	AT	23 March 2018	AS-OWN-18-004
Reissue #2	AU	18 April 2018	AS-OWN-18-008
Reissue #2	AV	20 April 2018	AS-OWN-18-009
Reissue #2	AW	27 April 2018	AS-OWN-18-010
Reissue #2	AX	25 June 2018	AS-OWN-18-023
Reissue #2	AY	16 October 2018	AS-OWN-18-039
Reissue #2	AZ	07 December 2018	AS-OWN-18-042
Reissue #2	BA	22 January 2019	AS-OWN-19-002
Reissue #2	BB	07 March 2019	AS-OWN-19-007
Reissue #2	BC	19 July 2019	AS-OWN-19-007
Reissue #2	BD	18 November 2019	AS-OWN-19-043
Reissue #2	BE	02 December 2019	AS-OWN-19-049
Reissue #2	BF	27 January 2020	AS-OWN-20-002
Reissue #2	BG	28 February 2020	AS-OWN-20-006
Reissue #2	BH	23 July 2020	AS-OWN-20-025
Reissue #2	BI	25 September 2020	AS-OWN-20-019
Reissue #2	BJ	29 March 2021	AS-OWN-21-010
Reissue #2	BK	20 September 2021	AS-TDC-2021-038
Reissue #2	BL	22 October 2021	AS-TDC-2021-065
Reissue #2	BM	16 May 2024	AS-TDC-2024-016

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 CR-i thru CR-ii T
 SBL-1 thru SBL-2 AA
 TRR-1 thru TRR-2 P
 TMI-1 thru TMI-2 BB
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 IND-1 thru IND-6 O
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 2-1 thru 2-14 O
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3-1 and 3-2.....	A		
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3-1 and 3-2.....	K		
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X-1 thru X-4.....	+O		
APPENDIX J			
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IND-1 thru IND-6.....	O		
1-1 and 1-2.....	A		
2-1 thru 2-12.....	O		
3-1 and 3-2.....	A		
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X-1 thru X-4.....	O		
APPENDIX K			
COV-1 thru COV-2.....	A		
IND-1 thru IND-6.....	O		
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3-1 and 3-2.....	A		
4-1 thru 4-10.....	AK		
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5-1 and 5-2.....	A		
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		APPENDIX N	
		COV-1 thru COV-2.....	A
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		2-1 thru 2-18.....	O
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		APPENDIX O	
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		4-1 thru 4-6.....	AK
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		X-1 thru X-4.....	O
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		IND-1 thru IND-6.....	O
		1-1 and 1-2.....	D
		2-1 thru 2-16.....	O
		3-1 and 3-2.....	D
		4-1 thru 4-10.....	AK
		5-1 and 5-2.....	D
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		X-1 thru X-4.....	O
		APPENDIX Q	
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		IND-1 thru IND-6.....	O
		1-1 and 1-2.....	F
		2-1 thru 2-16.....	O
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		4-1 thru 4-10.....	AK
		5-1 and 5-2.....	F
		6-1 thru 6-22.....	F
		X-1 thru X-4.....	O
		APPENDIX R	
		COV-1 thru COV-2.....	G
		IND-1 thru IND-6.....	O
		1-1 and 1-2.....	G
		2-1 thru 2-16.....	O
		3-1 and 3-2.....	G
		4-1 thru 4-10.....	AK
		5-1 and 5-2.....	G
		6-1 thru 6-24.....	G
		X-1 thru X-4.....	O
		APPENDIX S	
		COV-1 thru COV-2.....	I
		IND-1 thru IND-6.....	O
		1-1 and 1-2.....	I
		2-1 thru 2-18.....	O
		3-1 and 3-2.....	O
		4-1 thru 4-10.....	AK
		5-1 and 5-2.....	I
		6-1 thru 6-20.....	I
		X-1 thru X-4.....	O
		APPENDIX T	
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		IND-1 thru IND-10.....	AK



LIST OF EFFECTIVE PAGES (Continued)

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2-1 thru 2-114	AK		
3-1 and 3-2	L		
4-1 thru 4-30	AK		
5-1 and 5-2	L		
6-1 thru 6-224	AK		
APPENDIX U			
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IND-1 thru IND-6	P		
1-1 and 1-4	P		
2-1 thru 2-64	P		
3-1 and 3-2	N		
4-1 thru 4-14	AK		
5-1 and 5-2	N		
6-1 thru 6-62	P		
X-1 thru X-4	P		
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IND-1 thru IND-6	AJ		
1-1 and 1-4	AJ		
2-1 thru 2-48	AJ		
3-1 and 3-2	P		
4-1 thru 4-10	AK		
5-1 and 5-2	P		
6-1 thru 6-60	AN		
X-1 thru X-4	AJ		
APPENDIX W			
COV-1 thru COV-2	AE		
IND-1 thru IND-6	AH		
1-1 and 1-4	AH		
2-1 thru 2-18	AH		
3-1 and 3-2	AD		
4-1 thru 4-8	AK		
5-1 and 5-2	AD		
6-1 thru 6-30	AN		
X-1 thru X-4	AH		
APPENDIX X			
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1-1 and 1-4	BM		
2-1 thru 2-20	BM		
3-1 and 3-2	AF		
4-1 thru 4-4	AK		
5-1 and 5-2	AF		
6-1 thru 6-34	BM		
APPENDIX Y			
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IND-1 thru IND-4	BL		
1-1 and 1-4	BL		
2-1 thru 2-34	BL		
3-1 and 3-2	AL		
4-1 thru 4-8	BL		
5-1 and 5-2	AL		
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1-1 and 1-4	BJ		
2-1 thru 2-56	BJ		
3-1 and 3-2	AN		
4-1 thru 4-12	BJ		
5-1 and 5-2	AN		
6-1 thru 6-74	BJ		
X-1 thru X-4	BI		
APPENDIX AA			
COV-1 thru COV-2	AO		
IND-1 thru IND-6	AO		
1-1 and 1-4	AO		
2-1 thru 2-14	BA		
3-1 and 3-2	AO		
4-1 thru 4-4	AO		
5-1 and 5-2	AO		
6-1 thru 6-18	AO		
X-1 thru X-4	AO		
APPENDIX AB			
COV-1 thru COV-2	BB		
IND-1 and IND-2	BM		
IND-3 and IND-4	BK		
IND-5 and IND-6	BB		
1-1 and 1-4	BM		
2-1 thru 2-16	BM		
3-1 and 3-2	BB		
4-1 thru 4-4	BB		
5-1 and 5-2	BB		
6-1 thru 6-34	BM		

SECTION 1

INTRODUCTION

1 - 1 SCOPE

This manual has been issued to provide information for the installation and maintenance of M.A.G. FWD Bulkhead Installation P/N 6AB1AD005-001 for Leonardo AB139 and AW139 Helicopters.

1 - 2 FWD BULKHEAD CONFIGURATIONS

FWD Bulkhead Installation P/N 6AB1AD005-001 is constituted by the following alternative configurations:

CONFIGURATION P/N	O.M. APPENDIX
6AB1KT002-047/-063/-051/-233/-235/-237	APPENDIX A
6AB1KT002-241	APPENDIX B
6AB1KT002-249	APPENDIX C
6AB1KT002-253	APPENDIX D
6AB1KT002-261/-467	APPENDIX E
6AB1KT002-265	APPENDIX F
6AB1KT002-259	APPENDIX G
6AB1KT002-267/-643	APPENDIX H
6AB1KT002-431	APPENDIX I
6AB1KT002-279	APPENDIX J
6AB1KT002-447	APPENDIX K
6AB1KT002-453	APPENDIX L
6AB1KT002-449	APPENDIX M
6AB1KT002-461	APPENDIX N
6AB1KT002-463/-635/-471/-639	APPENDIX O
6AB1KT002-631	APPENDIX P
6AB1KT002-473	APPENDIX Q
6AB1KT002-633	APPENDIX R
6AB1KT002-477/-641	APPENDIX S
6AB1KT017-031/-033/-035/-037/-039/-041/-043/-045/-047/-049/-051/-053/-055/-057/-059/-061/-063/-065/-067/-069/-071/-073/-075/-079/-231/-233/-235/-237	APPENDIX T
6AB1KT018-035/-037/-039/-041/-043/-045/-047/-033/-049/-053/-051/-057	APPENDIX U
6AB1KT023-033/-035/-037/-039/-041/-043/-045/-047/-049/-051/-053/-055/-057	APPENDIX V
6AB1KT032-033/-035/-037	APPENDIX W
6AB1KT031-033/-035/-037/-039/-041	APPENDIX X
6AB1KT034-033/-035/-037/-039/-041/-043/-045/-047	APPENDIX Y

CONFIGURATION P/N	O.M. APPENDIX
6AB1KT036-033/-035/-037/-039/-041/-043/-045/-047/-049/-051/-053/-055	APPENDIX Z
6AB1KT037-033	APPENDIX AA
6AB1KT039-033/-035/-037/-039	APPENDIX AB

1 - 3 CONTENT

This manual contains general instructions which are applicable to all FWD Bulkhead configurations and twenty-one appendixes containing airworthiness instructions related to specified configurations, as listed as follows:

- SECTION 1 - Introduction: general instructions and certifications;
- Appendix A: detailed information for FWD Bulkhead configurations P/N 6AB1KT002-047, 6AB1KT002-063, 6AB1KT002-051, 6AB1KT002-233, 6AB1KT002-235, 6AB1KT002-237;
- Appendix B: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-241;
- Appendix C: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-249;
- Appendix D: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-253;
- Appendix E: detailed information for FWD Bulkhead configurations P/N 6AB1KT002-261, P/N 6AB1KT002-467;
- Appendix F: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-265;
- Appendix G: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-259;
- Appendix H: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-267, P/N 6AB1KT002-643;
- Appendix I: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-431 (configuration NVG compatible);
- Appendix J: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-279;
- Appendix K: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-447;
- Appendix L: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-453 (configuration NVG compatible);
- Appendix M: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-449;
- Appendix N: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-461;
- Appendix O: detailed information for FWD Bulkhead configurations P/N 6AB1KT002-463, P/N 6AB1KT002-635, P/N 6AB1KT002-471 and P/N 6AB1KT002-639.
- Appendix P: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-631 (configuration NVG compatible).
- Appendix Q: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-473 (configuration NVG compatible).
- Appendix R: detailed information for FWD Bulkhead configuration P/N 6AB1KT002-633 (configuration NVG compatible).
- Appendix S: detailed information for FWD Bulkhead configurations P/N 6AB1KT002-477 and P/N 6AB1KT002-641 (configurations NVG compatible).
- Appendix T: detailed information for FWD Bulkhead configurations P/N 6AB1KT017-031 thru P/N 6AB1KT017-079 and P/N 6AB1KT017-231/-233/-235/-237.
- Appendix U: detailed information for FWD Bulkhead configurations P/N 6AB1KT018-031 (configurations NVG compatible).
- Appendix V: detailed information for FWD Bulkhead configurations P/N 6AB1KT023-031 (configurations NVG compatible-Soft Liner).

- Appendix W: detailed information for FWD Bulkhead configurations P/N 6AB1KT032-031 (configurations NVG compatible-Rigid Liner).
- Appendix X: detailed information for FWD Bulkhead configurations P/N 6AB1KT031-031 (configurations NVG compatible Enhanced-Rigid Liner).
- Appendix Y: detailed information for FWD Bulkhead configurations P/N 6AB1KT034-031 (configurations NVG compatible -Soft Liner).
- Appendix Z: detailed information for FWD Bulkhead configurations P/N 6AB1KT036-031 (configurations NVG compatible -Rigid Liner).
- Appendix AA: detailed information for FWD Bulkhead configurations P/N 6AB1KT037-031 (configurations NVG compatible -Soft Liner).
- Appendix AB: detailed information for FWD Bulkhead configurations P/N 6AB1KT039-031 (configurations NVG compatible -Soft Liner).

Exhaustive information necessary for the installation and maintenance of a specific configuration are included into the general instructions plus the relevant appendix.

1 - 4 PROVISION

The M.A.G. FWD Bulkhead Installation P/N 6AB1AD005-001 can only be installed on Leonardo AB139 and AW139 Helicopters previously equipped with Leonardo Helicopters Limo Window structural provision P/N 3G5310A08011.

1 - 5 MARKINGS AND PLACARDS

WARNING

The placards on the passenger cabin, relevant to this installation, are usually in English. However, depending on national regulations, markings and placards may be also provided in the local language. Markings and placards language different from English language is a courtesy translation; in case of doubt, English language shall prevail.

1 - 6 CHANGE SYMBOLS

Changed text is indicated by a black vertical line in external margin of the page, adjacent to the affected text. The change symbol identifies the addition of either new information, a changed procedure, the correction of an error or a rephrasing of the previous information.

If a page of a Section is revised then all the pages in that section are given the revision field, in the footer, changed, even if they have no changes.