

## FINAL COMMENT LOG

Originating Office: <b>SEA-AEG</b>		Document Title/Description: <b>MMEL A-330 Rev 22, Airbus SAS, A330-200 Series, A330-200 Freighter Series, A330-300 Series, A330-800 Series, A330-900 Series, All Models</b>			POC and Phone Number: <b>James P. Culet, 206-231-3890</b>		Suspense Date: <b>01/19/2023</b>
Commenter Name and Organization	Date	Page #	Line, Para, or Item #	Comment	Recommendation	Response	
Brandon Ghidui AFS-280	2/1/2022	25-18	25-51-01	<u>Policy</u> : May not be in compliance with PL-100 dated 10/02/2020. Third proviso on MMEL shows a category "C", the policy letter indicates a category "A".	Update in accordance with current PL-100 language.	Updated per PL-100	
Brandon Ghidui AFS-280	2/1/2022	25-19	25-51-02 (1)	<u>Policy</u> : May not be in compliance with PL-100 dated 10/02/2020. Third proviso on MMEL shows a category "C", the policy letter indicates a category "A". Missing proviso part (b) "Repairs are made within 120 days).	Update in accordance with current PL-100 language.	Updated per PL-100	
Brandon Ghidui AFS-280	2/1/2022	25-19	25-51-02 (2)	<u>General</u> : "NOTE" typically follows one or more provisos.	Consider adding proviso language similar to "(O) may be inoperative provided alternate procedures are established and used" then the note.	Proviso updated as recommended.	
Brandon Ghidui AFS-280	2/1/2022	26-9	26-18-13 (2)	<u>Policy</u> : Portable Fire Extinguisher. Not in compliance with PL-132 dated 05/03/2021. Incorrect repair category.	Update in accordance with current PL-123 language.	<b>Non-concur</b> . The LDMCR portable fire extinguisher relief complies with PL-132 for portable fire extinguishers in excess of those required by 14 CFR, but has a more restrictive repair category and an additional informational note as recommended by the OEM. No changes made to MMEL for this recommendation.	
Brandon Ghidui AFS-280	2/1/2022	26-10	26-19-01	<u>Policy</u> : Smoke Detector in Main Cargo. Not in compliance with PL-102 dated 12/17/2012. Incorrect repair category.	Update in accordance with current PL-102.	Updated per PL-102	
Brandon Ghidui AFS-280	2/1/2022	30-10	30-31-03	<u>Policy</u> : Static Port Heaters. May not be in compliance with PL-090 dated 09/20/2001. Incorrect repair category.	Update in accordance with current PL-90.	<b>Non-concur</b> . Pitot Heat (30-31-02) is in compliance with PL-90: "Pitot Heat Indicating System."	

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Brandon Ghidui AFS-280	5/2/2022	35-12	35-32-02	<u>Policy:</u> Lower Deck Mobile Crew Rest JPortable Breathing Equipment. May not be in compliance with PL-132. Should contain all provisos required for PBE regardless of location.	Update in accordance with current PL-132.	Updated per PL-132
Robert Laurion AFS-330	7/25/22	22-10	Sequence # 22-83-01 1)	Recommend consistent MMEL language for FMGEC 1 with other similar portions of the MMEL when 1 installed and 0 required for dispatch by removing the word 'one' from the proviso.	Recommend it state; "(M)(O) Except for ETOPS, may be inoperative provided:"	The word 'one' removed.
Robert Laurion AFS-330	7/25/22	22-11	Sequence # 22-83-01 2)	Recommend consistent MMEL language for FMGEC 2 with other similar portions of the MMEL when 1 installed and 0 required for dispatch by removing the word 'one' from the proviso.	Recommend it state; "(M)(O) Except for ETOPS, may be inoperative provided:"	The word 'one' removed.
Robert Laurion AFS-330	7/25/22	23-31	Sequence # 23-73-02 5) a)	Recommend consistent MMEL language. Change the lead in portion of the first proviso to match the lead in portion of the second proviso.	Recommend the first proviso state; "(O) One or more may be inoperative..."	<b>Non-concur.</b> Intentionally worded due to the provisos covering separate situations.
Robert Laurion AFS-330	7/25/22	23-31	Sequence # 23-73-02 5) b)	Recommend consistent MMEL language. Change the lead in portion of the first proviso to match the lead in portion of the second proviso.	Recommend the first proviso state; "(O) One or more may be inoperative..."	<b>Non-concur.</b> Intentionally worded due to the provisos covering separate situations.
Robert Laurion AFS-330	7/25/22	25-18	Sequence # 25-51-01	The second proviso shows a repair category of "C", while Policy Letter (PL) 100 show that same proviso as a category A.	Recommend verification as to the correct repair category.	Updated, along with 25-51-02 per PL-100
Robert Laurion AFS-330	7/25/22	33-13	Sequence # 33-43-01	Recommend consistent MMEL language with other similar portions of the MMEL when 2 installed and 0 required for dispatch.	Recommend it state; "One or both may be inoperative."	Rephrased proviso.
Robert Laurion AFS-330	7/25/22	33-13	Sequence # 33-46-01	Recommend consistent MMEL language with other similar portions of the MMEL when 2 installed and 0 required for dispatch.	Recommend it state; "One or both may be inoperative."	Rephrased proviso.
Robert Laurion AFS-330	7/25/22	34-8	Sequence # 34-41-01	Both provisos contain the word "of" instead of the word "for" in the lead in sentence.	Recommend both provisos state; "Except for ETOPS..."	Changes made.

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Robert Laurion AFS-330	7/25/22	34-12	Sequence # 34-48-01 3)	Recommend consistent MMEL language with other similar portions of the MMEL when 2 installed and 0 required for dispatch.	Recommend it state; "One or both may be inoperative."	Rephrased proviso.
Robert Laurion AFS-330	7/25/22	52-18	Sequence # 52-71-01 5)	Does not contain anything under repair category, number installed, and number required for dispatch.	Recommend adding the necessary information.	Information added.
Jamelle Poppe AFS-830	2/3/22	21-33	21-63-02	1) Trim Air Valves Passenger Configuration (3 <sup>rd</sup> item): Number installed specified without number required for dispatch indicated.	Please specify number required for dispatch.	'0' specified number added.
Jamelle Poppe AFS-830	2/3/22	27-23	27-92-05	PRIM Sidestick Potentiometers Signals: Number installed specified without number required for dispatch indicated.	Please specify number required for dispatch.	<b>Non-concur.</b> (-) Indicates a variable number (quantity) of items may be installed or required for dispatch. <b>8900.1, V4,C4,S3</b> <i>Variable Number of Items Required for Dispatch.</i> An MMEL may depict a variable number of items required for dispatch based on various makes and models (M/M) of the same series aircraft.
Jamelle Poppe AFS-830	2/3/22	27-23	27-92-06	PRIM Sidestick Priority Switch Signals: Number installed specified without number required for dispatch indicated.	Please specify number required for dispatch.	See above response.
Jamelle Poppe AFS-830	2/3/22	33-18	33-50-07	2) Emergency Lights: Number installed specified without number required for dispatch indicated.	Please specify number required for dispatch.	See above response.
Delta Greg Brixey 404-715-7270	1/11/22	22-11	22-83-01, 2)	FMGEC 2 is not required for ETOPS.	Remove "Except for ETOPS" from the relief for FMGEC 2.	Removed.
Delta Greg Brixey 404-715-7270	1/11/22	34-8	34-41-01	First two provisos say "Except of ETOPS".	Change to "Except for ETOPS".	Change made.

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CHAUMAT Clément - AIRBUS	01/28/22	21-13	21-28-02, 1)	According to John Elovich mail from Nov 22, 2021, it has been decided not to include the note referencing the Live Animal transportation Calculation (LATC) tool into the A320 MMEL REV30. It has been decided to use (O) procedure where the LATC should be taken into consideration.	- For consistency with A320 MMEL, should the note be removed from A330 MMEL as well ?  - If the note on LATC tool is kept, the word "the" included on the note can be removed.	Revision updated with 'the' removals.
CHAUMAT Clément - AIRBUS	01/28/22	22-4	22-72-01, 2)	3 <sup>rd</sup> proviso is listed as "e)" whereas it should be "c)".	Correct proviso numbering.	Corrected.
CHAUMAT Clément - AIRBUS	01/28/22	22-4	22-72-01, 5) 22-72-01, 6)	The wording "One or both may be inoperative" should it be replaced by "may be inoperative"?		Wording replaced.
CHAUMAT Clément - AIRBUS	01/28/22	22-11	22-83-01, 2)	ETOPS limitation should be removed from FMGEC 2 in accordance with MMEL project presentend by DAL (Greg Brixey) during FOEB.	Remove ETOPS limitation.	Removed.
CHAUMAT Clément - AIRBUS	01/28/22	23-3	23-28-01, 2)	(O) must be added on 2 <sup>nd</sup> exception of 23-28-01 2) in accordance with FOEB MMEL Project.	Add (O) on 2 <sup>nd</sup> exception of 23-28-01, 2).	(O) added to 2 <sup>nd</sup> exception.
CHAUMAT Clément - AIRBUS	01/28/22	27-34	27-95-01	None of the updates from Airbus MMEL Project ATA27 has been taken into account.	Refer to ATA27 MMEL Project to include the changes as agreed during FOEB.	Items were in the wrong place, corrected to proper location.
CHAUMAT Clément - AIRBUS	01/28/22	31-7	31-66-02	In accordance with ATA31 MMEL Project, "/" should be removed from "E/WD" in the title.	Remove "/" from "E/WD" in the title.	Removed.
CHAUMAT Clément - AIRBUS	01/28/22	34-14	34-49-03	- (O) is Missing for both 34-49-03 1) and 34-49-03 2) - 34-49-03 2) ON Position : "May be inoperative" to be replaced by "May be inoperative provided ROW/ROP is considered inoperative." in accordance with FOEB MMEL project.	- Add (O) on 34-49-03 1) and 34-49-03 2) - Replace "May be inoperative" by "May be inoperative provided ROW/ROP is considered inoperative." in accordance with FOEB MMEL project.	Change added.
CHAUMAT Clément - AIRBUS	01/28/22	34-5	34-14-01, 3)	The repair category for the 4 <sup>th</sup> exception should be a dash "-" since it is required that the affected system is considered inoperative. Therefore, operators must refer to the repair category on the MMEL item for the affected system.	Update the repair category of the 4 <sup>th</sup> exception to "-"	<b>Non-concur.</b> Cannot have '-' repair category.

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CHAUMAT Clément - AIRBUS	01/28/22	52-18	52-71-01, 4)	The word "and" is missing on title of MMEL item 52-71-01 4).	Update title from "(Passenger/Entry Doors, Lower Deck Forward and Aft Cargo Doors, Main Deck Cargo Door)" to "(Passenger/Entry Doors, Lower Deck Forward and Aft Cargo Doors, <b>and</b> Main Deck Cargo Door)".	'and' added.
CHAUMAT Clément - AIRBUS	01/28/22	52-18	52-71-01, 5)	Repair category, No installed, No Required are missing on item 52-71-01 5). It should be C – 1 – 0.	Add C – 1 – 0 as Repair category, No installed and No Required for item 52-71-01, 5), in accordance with ATA52 MMEL project.	Repair category added.
CHAUMAT Clément - AIRBUS	01/28/22	73-2	73-25-01, b)	Repair category, No installed, No Required are missing on item 73-25-01 1) b) Repair Category should be "A" and No installed and No required should be dashes "-".	Add Repair category, No installed and No Required for item 72-25-01 b) in accordance with ATA7X MMEL Project.	Repair category added.
CHAUMAT Clément - AIRBUS	01/28/22	79-2 79-3	79-35-02, 1), b) 79-35-02, 1), c)	***** are missing under the item title.	Add missing "*****" under the item title in accordance with ATA7X MMEL project.	*** added
CHAUMAT Clément - AIRBUS	01/28/22	79-4	79-35-02, 2), a)	***** are missing under the item title.	Add missing "*****" under the item title in accordance with ATA7X MMEL project.	*** added