

All holders of a copy of the KLM ETOPS Exposition Manual.

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your ref. -  
your date -

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our date December 19<sup>th</sup>, 2016  
telefax

**subject: ETOPS Exposition Manual - Revision Number 67**

Dear E.E.M. copyholders,

Hereby you are presented with revision **67** of the ETOPS Exposition Manual (E.E.M.) which becomes **valid at January 5<sup>th</sup>, 2017**.

See next page for an overview of all changes. Most significant changes:

- Chapter 4/5: Updated all AML examples for new KLM AML lay-out KLM4337-07 16.
- Chapter 4: Revised paragraph 4.4. Requirement removed to record the ETOPS status in writing in the action slip. It is considered sufficient to mark the dedicated ETOPS check box. Removed requirement that APU oil uplift quantity must be entered in dedicated check box. It is considered sufficient to record the APU oil lift quantity in the action field and in the AMCS/ACMF systems.  
Revised the engine verification examples for both the 777 and 787 to introduce a dedicated ETOPS MEL reference and Category for engine flight verifications.
- Chapter 5: Revised paragraph 5.8 for all AML examples regarding APU inflight start verifications. This to introduce a dedicated ETOPS MEL reference ETOPS-APU and Category D for APU inflight starts.
- Chapter 10: Revised paragraph 10.5.6 for all AML examples regarding ENGINE flight verifications. This to introduce a dedicated ETOPS MEL reference ETOPS-ENG and Category D for Engine flight verifications.
- Chapter 11: Added addition text in chapter 11.1.1 KLM ETOPS training program to clarify that the e-learning module for LMI Non KLM ground engineers/mechanics is also suitable for third part MRO organisation that perform maintenance checks on KLM ETOPS a/c. .

You are kindly requested to review all changes to all chapters thoroughly and replace current chapters by the attached versions as soon as possible. The changes are listed on the change page attached to this transmittal letter which should be inserted in front of the contents tab sheet.

Please notify SPL/CC, Aircraft Engineering Projects Group by company mail (SPL/CC4), e-mail ([TJ.Bloemendal@td.klm.com](mailto:TJ.Bloemendal@td.klm.com)) if you have any comments and/or questions with regard to procedures and ETOPS related subjects as described in this manual.

ENGINEERING & MAINTENANCE



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**EEM Changes Issue 67 - Issue date 01/05/2017.**

<b>Chapter</b>	<b>Par.</b>	<b>Page</b>	<b>Description of change</b>
Cover			Updated revision number to 67 and validation date to Jan. 5 <sup>th</sup> , 2017
EEM A			Updated issue dates for chapters EEM A, 2, 4, 5, 10 and 11.
EEM 2	2.1.3	2	Updated references for CMP supplementals 787 and 777.
	2.2.1	3	Updated Type Certificate references for A330, 777 and 787.
	2.4	5	Added actual delivery dates for 787.
EEM 4	4.4	6	Revised ATL and MSF/Maintenix requirements. Removed requirement to record ETOPS stations in action side of AML slip. ETOPS Check Box marking is sufficient.
	Various	7-19	Update all AML slip examples to new AML format.
EEM 5	5.2.3	8	Updated AML slip example to new AML format.
	5.8.4	16	Added additional information regarding ETOPS-APU in DDG field in Maintenix. Added information regarding Deferred Defect Categories for MSF and Maintenix.
	5.8.5	17-18	Updated AML slip examples for APU inflight start verification requirement to new AML format.
EEM 10	10.5.6	8-9	Updated AML slip examples for Engine flight verification. Added note regarding ETOPS-ENG in DDG field in Maintenix and Deferred Defect category D.
EEM 11	11.1.1	2	Revised wording for KLM ETOPS Training programma ETOPS course for LMI to clarify that this e-learning module is also suitable for subcontracted MRO companies certifying/non-certifying staff.