SUPPLEMENT E7
TO THE AIRPLANE FLIGHT MANUAL
DA 40 NG

OPERATION WITH
VENTILATION INLET BAFFLE

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0.1 RECORD OF REVISIONS

Rev. No.	Reason	Chapter	Page(s)	Date of Revision	Approval Note	Approval Date	Date Inserted	Signature
1	AFM Revision 3, Correction	0, 2	9-E7-01, 9-E7-02, 9-E7-05	01-Jul-2014	Revision No. 1 of the Supplement Doc. No. 6.01.15-E-E7 is approved under the authority of DOA No. EASA.21J.052	29-Jan-2015		

0.2 LIST OF EFFECTIVE PAGES

Chapter	Page	Date
0	9-E7-0	01-Jul-2014
	9-E7-1	01-Jul-2014
	9-E7-2	06-Jun-2013
	9-E7-3	06-Jun-2013
1	9-E7-4	06-Jun-2013
2	9-E7-5	01-Jul-2014
3, 4A, 4B, 5	9-E7-6	06-Jun-2013
6, 7, 8	9-E7-7	06-Jun-2013

0.3 TABLE OF CONTENTS

Page

1. GENERAL

This Supplement supplies the information necessary for the efficient operation of the airplane when the Ventilation Inlet Baffle is installed in the wing. The Ventilation Inlet Baffle reduces the amount of cooling air entering the cabin. It is recommended for use when operating at low outside air temperatures. The information contained within this Supplement is to be used in conjunction with the complete AFM.

This Supplement to the “Airplane Flight Manual DA 40 NG” is a permanent part of the AFM and must remain in the AFM at all times when the Winter Baffle is installed.

The implementation of the design change advisory OÄM 40-183 is prerequisite for the use of the DA 40 NG with the Ventilation Inlet Baffle.

2. OPERATING LIMITATIONS

2.15 LIMITATION PLACARDS

On ventilation inlet baffle:

Remove at Outside Temperatures above 15 °C / 59 °F

2.16 OTHER LIMITATIONS

2.16.1 TEMPERATURE

The airplane may only be operated with the ventilation inlet baffle installed when the | outside air temperature at take-off does not exceed 15 °C (59 °F).

3. EMERGENCY PROCEDURES

No change.

4A. NORMAL OPERATING PROCEDURES

4A.5 CHECKLISTS FOR NORMAL OPERATING PROCEDURES

4A.5.1 PRE-FLIGHT INSPECTION

II. Walk-Around Check, Visual Inspection

2. Left Wing:

- Verify that the outside air temperature permits the use of the ventilation inlet baffle.

- Check ventilation inlet baffle for improper mounting or obvious damage.

4B. ABNORMAL OPERATING PROCEDURES

No change.

5. PERFORMANCE

No change.

6. MASS AND BALANCE

6.1 INTRODUCTION

The mass of the ventilation inlet baffle is negligible. The mass and balance data of the airplane therefore remain unchanged.

7. DESCRIPTION OF THE AIRPLANE AND ITS SYSTEMS

7.4 INSTRUMENT PANEL

Cockpit Ventilation

Unconditioned ambient air is supplied to the interior through an inlet on the bottom surface of the left wing. To increase cabin temperatures when operating at low outside air temperatures, a ventilation inlet baffle may be installed at the inlet. With the baffle installed, the rear cabin ventilation nozzles on the left and right hand side and in the central console above the passengers' heads will be inoperative.

The ventilation inlet baffle consists of a metal plate with rubber edging and is attached to the bottom LH wing by a camloc.

8. AIRPLANE HANDLING; CARE AND MAINTENANCE

No change.