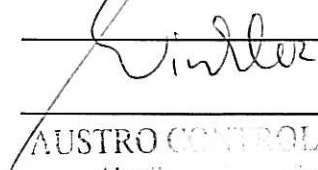
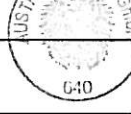



**SUPPLEMENT E7**  
**TO THE AIRPLANE FLIGHT MANUAL**  
**DA 40 & DA 40D**  
**OPERATION WITH**  
**VENTILATION INLET BAFFLE**

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Signature :    
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Date of Approval : 12 JAN. 2005

This Supplement has been verified for EASA by the Austrian Civil Aviation Authority Austro Control (ACG) as Primary Certification Authority (PCA) in accordance with the valid Certification Procedures and approved by EASA with approval no. 2005-760.

**0.1 RECORD OF REVISIONS**

Rev. No.	Reason	Chapter	Page(s)	Date of Revision	Approval Note	Approval Date	Date Inserted	Signature
1	OÄM 40-183/a	0 0 2	9 - E7 - 1 9 - E7 - 2 9 - E7 - 5	27-Apr-2005		M. Reichel 20. MAI 2005		

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## 0.2 LIST OF EFFECTIVE PAGES

Chapter	Page	Date
0	9-E7-0	04-Nov-2004
	9-E7-1	27-Apr-2005
	9-E7-2	27-Apr-2005
	9-E7-3	04-Nov-2004
1	9-E7-4	04-Nov-2004
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## 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 & DA 40D” 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 or DA 40 D 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 is does not exceed 15 EC (59 EF).

### **3. EMERGENCY PROCEDURES**

No change.

### **4A. NORMAL OPERATING PROCEDURES**

#### **4A.3 CHECKLISTS FOR NORMAL OPERATING PROCEDURES**

##### **4A.3.1 PRE-FLIGHT INSPECTION**

Walk-around visual inspection

*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**

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.