

SUPPLEMENTAL AIRPLANE MAINTENANCE MANUAL

Additional Air Inlet for Cabin Ventilation

This Supplemental AMM is approved in conjunction with the DEO valid in conjunction with the basic Airplane Maintenance Manual (AMM).

The information contained herein either supplement or, in the case of conflict, override those in the AMM.

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This document must be carried in the Airplane Maintenance Manual (AMM) at all times. It describes the maintenance procedures.

The technical content of this document has been approved under the authority of the DOA ref. EASA.21J.052.

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RECORD OF REVISIONS

Rev. No.	Reason	Chapter	Page(s)	Date of Revision	Approval Note	Date of Approval	Date Inserted	Signature

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FOREWORD

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CHAPTER 03 – GENERAL DESCRIPTION

1. Description

The DA 62 can be equipped with an additional air inlet for cabin ventilation.

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CHAPTER 21
HEATING AND VENTILATION

Section 21 – 70
Additional Air Inlet

1. General

The DA 62 is equipped with an additional air inlet for cabin ventilation.

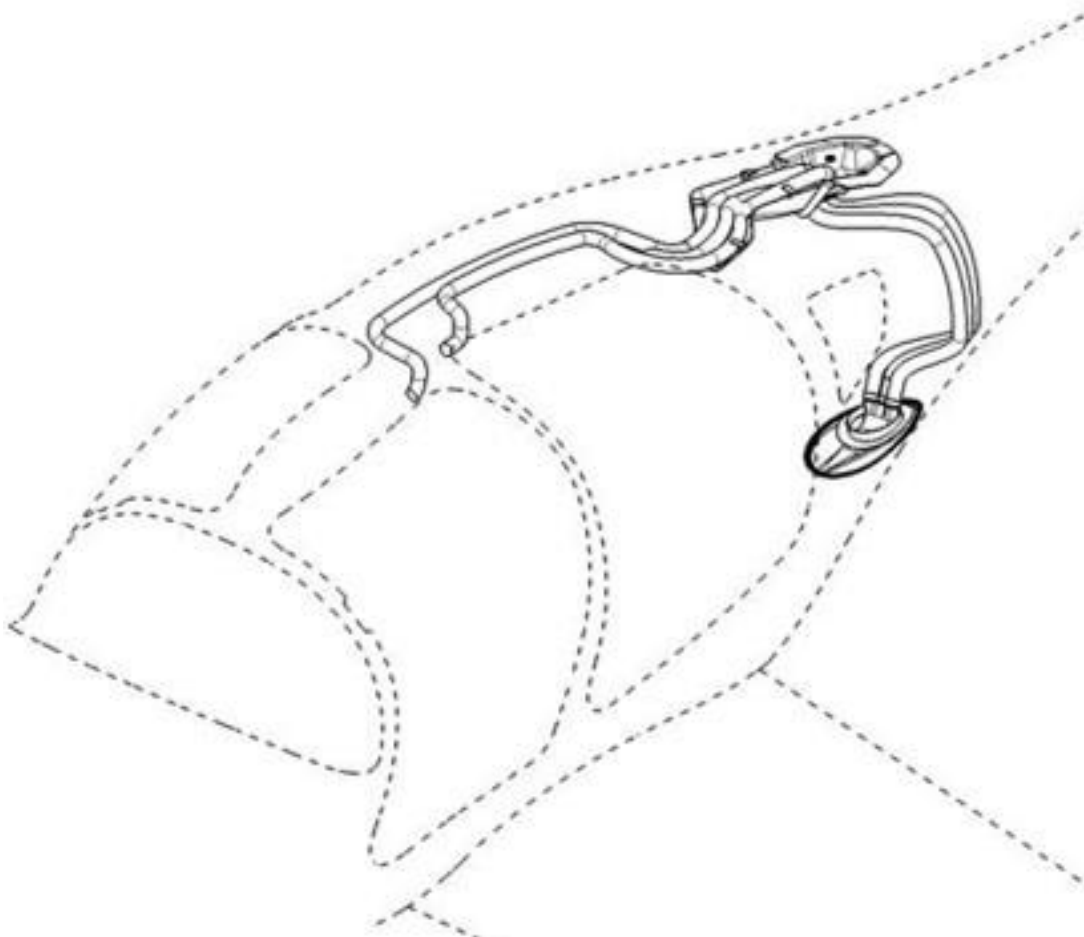


Figure1: Additional Air Inlet and Air Distribution

2. Description

An additional air inlet (NACA air inlet) is mounted to the lower rear fuselage. Three air hoses supply the overhead nozzles in the cabin with fresh air from the additional air inlet.

3. Operation

The airflow through a nozzle in the overhead panel can be regulated by rotation of the nozzle.

Maintenance Practices

1. Air Hoses and Nozzles

For the Maintenance Procedure on the air hoses and the nozzles refer to the basic AMM.

2. Remove/Install the Additional Air Inlet

A. Remove an Additional Air Inlet

Detail Steps/Work Items		Key Items/ References
(1)	Mark the position of the additional air inlet.	Any suitable marker.
(2)	Cut adhesive material.	Any cutter knife.
(3)	Move additional Air Inlet (GFRP part) downward.	
(4)	Open clamps connecting the additional air inlet to the 3 air hoses.	
(5)	Remove additional air inlet from the airplane.	

B. Install an Additional Air Inlet

Detail Steps/Work Items		Key Items/ References
(1)	Remove residues of adhesive from the fuselage cut out.	
(2)	Remove residues of adhesive from the additional air inlet.	
(3)	Move the additional air inlet (GFRP part) into position under the fuselage opening and fix the 3 air hoses with the clamps.	
(4)	Apply adhesive to the additional air inlet (GFRP part).	TEROSON, TEROSTAT MS 9380 or WELCON Flex 310 M classic, all colours.
(5)	Position the additional air inlet in the marked position and fix it with self-adhesive tape.	
(6)	Remove excess of adhesive, clean up fuselage and additional air inlet surfaces.	
(7)	Cure adhesive.	Refer to material specifications.
(8)	Remove adhesive tape.	