

SUPPLEMENTAL AIRPLANE MAINTENANCE MANUAL

DA 42 NG

This Supplemental AMM is approved in conjunction with the Optional Design Change Advisory OÄM 42-261 and is valid in conjunction with the basic Airplane Maintenance Manual (AMM).

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

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CHAPTER 03 – GENERAL DESCRIPTION

1. Description

The DA 42 NG with OÄM 42-261 can be used for the transportation of radio pharmaceuticals stowed in special containers. The rear seats are replaced by a loading platform. A special baggage extension for radio pharmaceuticals and a flight deck partition are installed.

The new items are:

- A FRP loading platform
- A special FRP baggage extension
- A FRP flight deck partition with a sliding window



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CHAPTER 05 – TIME LIMITS AND MAINTENANCE CHECKS

Section 05-28 – Scheduled Maintenance Checks

Maintenance Practices – Maintenance Checklist DA 42 NG

4. Maintenance Checklist Zones

Note: Whenever the basic Airplane Maintenance Manual (AMM) requires removal/installation of the rear seat shells, remove/install the Loading Platform in accordance with this AMM Supplement.

Note: Whenever the basic Airplane Maintenance Manual (AMM) requires removal/installation of the Aft Baggage Compartment, remove the Special Baggage Extension in accordance with this AMM Supplement.

		Interval					
	Inspection Items, Structure of the Loading Platform, Special Baggage Extension and Flight Deck Partition	100	200	1000	2000	Time	Initials
1.	Examine the Flight Deck Partition attachment mount(s) for delamination and cracks. – Look especially for loose or missing mounting screws.	X	X	X	X		
2.	Examine the Sliding Window of the Flight Deck Partition.	X	X	X	X		
3.	Examine the Loading Platform and the Loading Platform attachment mount(s) for delamination and cracks. - Look especially for loose or missing mounting screws.	X	X	X	X		
4.	Examine the Special Baggage Extension and the Special Baggage Extension attachment mount(s) for delamination and cracks. - Look especially for loose or missing mounting screws.	X	X	X	X		
5.	Examine the Straps to secure the containers. - Look especially for cut or worn strands.	X	X	X	X		



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CHAPTER 11 – PLACARDS AND MARKINGS
Section 11-30 – Internal Placards and Markings

The following placard is installed and replaces the placard of the standard and short baggage compartment:

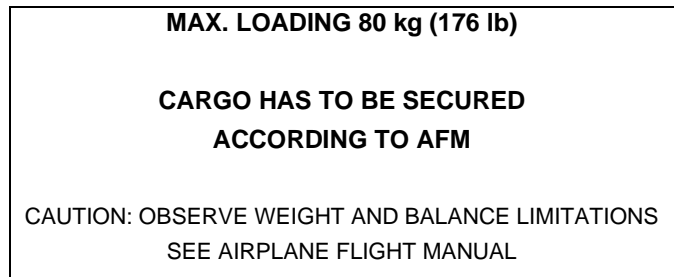


Figure 1: Limitation Placard in the Special Baggage Compartment



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CHAPTER 25 – EQUIPMENT/FURNISHINGS
Section 25-50 – Aft Baggage Compartment

1. Description and Operation

A. Loading Platform

The Loading Platform is made of CFRP and is mounted on attachment points for the rear seat bench.

The Loading Platform can be removed from the airplane to gain access to the control system.

See Figure 1 for more details of the Loading Platform.

B. Flight Deck Partition

The Flight Deck Partition is installed aft of the pilot's seats and mounted with brackets to the rollover structure and to the loading platform.

Note: The Flight Deck Partition does not provide structural separation between the compartments. Only suitable containers properly secured with straps may be transported.

See Figure 1 for more details of the Flight Deck Partition.

C. Special Baggage Extension

The Special Baggage Extension is made of FRP and bolted to the baggage compartment frame with 8 bolts. With the attachment bolts removed, the Special Baggage Extension can be moved forward and free of the airplane to gain access to the aft fuselage tube.

See Figure 1 for more details of the Special Baggage Extension.

Maintenance Practices

1. Remove/Install the Flight Deck Separation

A. Remove the Fight Deck Separation

	Detail Steps/Work Items	Key Items/References
(1)	Remove the two upper and six lower screws and washers.	
(2)	Move the Flight Deck Separation clear of the airplane	
(3)	Remove the six screws and washers of the lower mounting bracket and the mounting bracket.	

B. Install the Fight Deck Separation

	Detail Steps/Work Items	Key Items/References
(1)	Install the lower mounting bracket and the six screws and washers.	
(2)	Move the Flight Deck Separation in place.	
(3)	Install the six lower and the two upper screws and washers.	

2. Remove/Install the Loading Platform

A. Remove the Loading Platform

	Detail Steps/Work Items	Key Items/References
(1)	Remove the Flight Deck Separation.	Refer to Paragraph 1.
(2)	Remove the two screws and washers at the LH and RH rear seat bench attachment points.	
(3)	Remove the five bolts and washers at the baggage compartment frame.	
(4)	Move the Loading Platform clear of the airplane.	

B. Install the Loading Platform

	Detail Steps/Work Items	Key Items/References
(1)	Move the Loading Platform in place.	
(2)	Install the five bolts and washers at the baggage compartment frame.	
(3)	Install the two screws and washers at the LH and RH rear seat bench attachment points.	
(4)	Install the Flight Deck Separation.	Refer to Paragraph 1.

3. Remove/Install the Special Baggage Extension

A. Remove the Special Baggage Extension

	Detail Steps/Work Items	Key Items/References
(1)	Remove the LH and RH brackets for the straps. - Remove the four screws and washers for each bracket.	Refer to Paragraph 1.
(2)	Remove the eight screws and washers.	
(3)	Move the Special Baggage Extension clear of the airplane.	

B. Install the Special Baggage Extension

	Detail Steps/Work Items	Key Items/References
(1)	Move the Special Baggage Extension in place.	
(2)	Install the eight screws and washers	
(3)	Install the LH and RH brackets for the straps. - Install the four screws and washers for each bracket.	

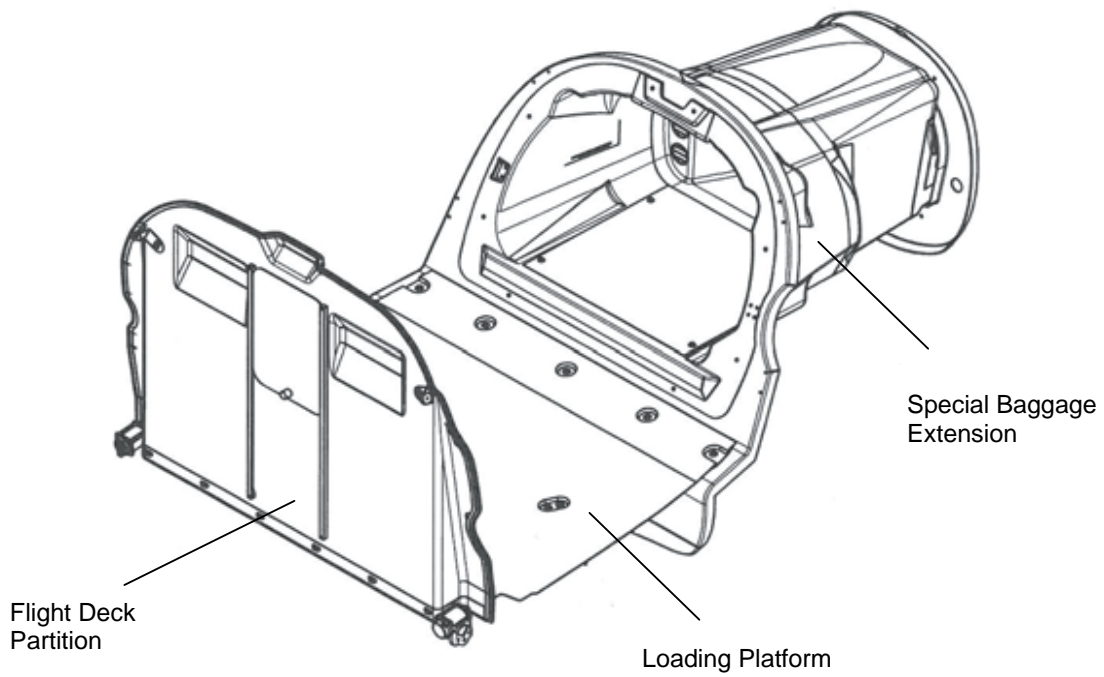


Figure 1: Loading Platform, Special Baggage Extension and Flight Deck Partition