

SUPPLEMENT S11
TO THE AIRPLANE FLIGHT MANUAL DA 42 NG
CANOPY JETTISON SYSTEM
DA 42 NG

Doc. No. : 7.01.16-E
Date of Issue of the Supplement : 28 Jun 2017
Design Change Advisory : OÄM 42-194

The technical information contained in this document has been approved under the authority of DOA No. EASA.21J.052.

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0.1 RECORD OF REVISIONS

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

0.2 LIST OF EFFECTIVE PAGES

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1. GENERAL

1.1 INTRODUCTION

This Supplement supplies the information necessary for the operation of the airplane when the canopy jettison system is installed. The information contained within this Supplement is to be used in conjunction with the complete AFM.

This Supplement to the "Airplane Flight Manual DA 42 NG" is a permanent part of the AFM and must remain in the AFM at all times when the canopy jettison system is installed.

2. OPERATING LIMITATIONS

No change.

3. EMERGENCY PROCEDURES

3.12 OTHER EMERGENCIES

3.12.10 CANOPY JETTISON

1. Red jettison lever (front) pull powerfully to disconnect the canopy from the canopy hinge
2. Canopy push up with both hands

WARNING

If the canopy must be jettisoned because of an emergency situation, the regular canopy lever must remain locked.

4A. NORMAL OPERATING PROCEDURES

4A.6.1 PRE-FLIGHT INSPECTION

III. Pre-flight inspection of canopy jettison system

1. Canopy hooks and
Roeger type hooks (LH & RH) inspect for correct position
(as shown in picture below);
check for cracks and
damage



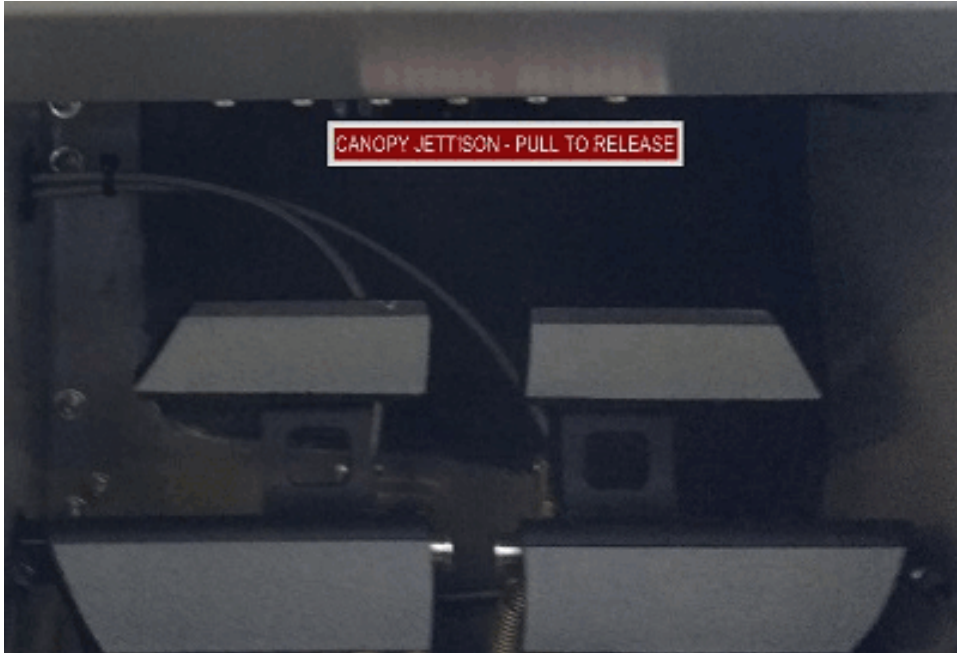
Canopy Hooks and Roeger type hooks on upper LH side

2. Bowden cable (LH & RH) verify that end sticks out of the Teflon cylinder



Canopy hinge on forward LH side

3. Lead seal on canopy jettison lever visual inspection



Canopy Release Lever

4B. ABNORMAL OPERATING PROCEDURES

No change.

5. PERFORMANCE

No change.

6. MASS AND BALANCE

Upon removal or installation of the canopy jettison system the change of empty mass and corresponding center of gravity of the airplane must be recorded according to Chapter 6 of the Airplane Flight Manual.

7. DESCRIPTION OF THE AIRPLANE AND ITS SYSTEMS

In case of emergency the canopy jettison system enables the crew to jettison the canopy and exit the airplane.

7.15 CANOPY JETTISON SYSTEM

Canopy lock

In case of canopy jettison the regular canopy lock on the left side must remain closed to ensure proper operation of the canopy jettison system. The regular canopy lock system prevents the canopy from sliding sideward in case of jettison.

Hooks

The Roeger type hooks and the canopy hooks at the upper canopy frame define the center of rotation of the canopy in case of jettison (see picture in Chapter 4A). During canopy jettison the hooks prevent the canopy from sliding rearward and therefore from hitting the elevator.

8. AIRPLANE HANDLING, CARE AND MAINTENANCE

No change.