

FALCON SERVICE BULLETIN

FALCON 2000

No 401-R1

JULY 13, 2012

ATA 25-30

EQUIPMENT/FURNISHINGS

**PILOT AND COPILOT SEAT INSTALLATION
IMPROVEMENT**

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FALCON 2000**F2000-401****EQUIPMENT/FURNISHINGS****PILOT AND COPILOT SEAT INSTALLATION IMPROVEMENT**

Initial issuance

May 15, 2012

List of effective pages :

6

Revision 1

July 13, 2012

List of effective pages :

1 to 6

List of modified pages :

4 and 5

REASON: Modification of the kit and addition of Service Bulletin identification.

This revision is applicable to aircraft already modified per the initial issuance of this Service Bulletin.

FALCON 2000**F2000-401****EQUIPMENT/FURNISHINGS****PILOT AND COPILOT SEAT INSTALLATION IMPROVEMENT****1. PLANNING INFORMATION****A. EFFECTIVITY**

This Service Bulletin is applicable to FALCON 2000 aircraft with serial numbers 1 through 231 which have already performed their first "C" inspection.

B. REASON

A Falcon operator reported that during take-off at rotation phase, the copilot seat slid aft. Investigations showed that one locking spring fitted on a seat locking pin was broken and the other one weak.

The purpose of this Service Bulletin is to replace the locking springs on both pilot and copilot seats and then, check the correct locking of the seats on all aircraft which have already performed their first "C" inspection.

NOTE: The replacement of these springs and the check of the correct locking of the seats will be added in to next revision of the scheduled maintenance program, every "C" inspection.

C. DESCRIPTION

The operation consists in:

- replacing the locking pin springs of each seat,
- verifying the correct locking of the seat after improvement.

D. COMPLIANCE

If you choose to comply with this Service Bulletin, accomplishment should be performed at the first opportunity but no later than the next "A" inspection.

E. APPROVAL

The technical content of this document is approved under the authority of DOA nr. EASA.21J.051.

F. LABOR

Estimated labor-hours: 2 hours per seat.

NOTE: These labor-hours only concern the work described in this Service Bulletin and do not include other maintenance work which may be performed on this occasion.

G. MATERIAL - PRICE AND AVAILABILITY

The modification kit may be obtained from either address listed below:

FALCON 2000
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Western hemisphere: DASSAULT FALCON JET CORP.
 SPARES DISTRIBUTION CENTER
 200 RISER ROAD
 LITTLE FERRY, NJ 07643 U.S.A.
 Telephone:
 • CANADA and U.S.A.: 1-800-800-4036
 • MEXICO: 001-800-800-4036
 • Other countries: 1-201-541-4809
 Fax:
 • CANADA and U.S.A.: 1-800-800-4817
 • MEXICO: 001-800-800-4817
 • Other countries: 1-201-440-7021

Other continents: DASSAULT AVIATION
 Falcon Spares
 BOITE POSTALE N101
 AEROPORT DU BOURGET
 93350 - LE BOURGET Cedex (FRANCE)
 Please contact your Dassault Aviation
 Account Representative
 Telephone: 33 (0)1.48.35.56.78
 Fax: 33 (0)1.48.35.56.00

Price and availability on request.

H. TOOLING - PRICE AND AVAILABILITY

Normal maintenance tooling.

I. WEIGHT AND BALANCE

Change in weight: None.

Change in balance with respect to 25% MAC: None.

J. REFERENCES

Aircraft Maintenance Manual:

- GENERAL MAINTENANCE AND SAFETY PRECAUTIONS (Refer to [TASK 20-00-00-910-801](#))
- REMOVAL / INSTALLATION OF THE PILOT SEATS (Refer to [TASK 25-11-01-900-801](#))

K. OTHER PUBLICATIONS AFFECTED

The following publications will be revised at a later date to account for the changes introduced by this Service Bulletin:

- Illustrated Parts Catalog.
- Aircraft Maintenance Manual.
- Chapter 5.

FALCON 2000**F2000-401****2. ACCOMPLISHMENT INSTRUCTIONS****A. PRELIMINARY STEPS**

- (1) The aircraft must be in the maintenance configuration (Refer to [TASK 20-00-00-910-801](#)).
- (2) Set the LH pilot seat ([L2MG](#)) and the RH pilot seat ([R2MG](#)) to the high position, using the LH pilot seat height adjustment switch ([L3MG](#)) and the RH pilot seat height adjustment switch ([R3MG](#)).
- (3) Remove the pilot seats (Refer to [TASK 25-11-01-900-801](#), paragraph "[Removal of pilot or copilot seat](#)").

B. REMOVALRefer to **fig. 1**

- (1) Remove and discard the pin (1).
- (2) Remove the ring (2).
- (3) Remove the two nuts (3).
- (4) Record the position of the spacer (5).
- (5) Remove the two screws (4).
- (6) Remove the spacer (5).
- (7) Remove the front pad (6).
- (8) Remove the locking pin (7).
- (9) Remove and discard the spring (8) from the locking pin (7).

C. INSTALLATIONRefer to **fig. 1**

- (1) Install a new spring (8) on the locking pin (7).
- (2) Install the locking pin (7).
- (3) Install the front pad (6).
- (4) Install the spacer (5) at the position recorded on removal.
- (5) Install the two screws (4).
- (6) Install the two nuts (3).
- (7) Tighten the two nuts (3).
- (8) Install the ring (2).
- (9) Install a new pin (1).

D. FINAL STEPS

- (1) Check the seat tracks and the corresponding attachment fittings for condition.
CAUTION: DO NOT APPLY LUBRICANT OR GREASE ON THE SEAT TRACK.

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- (2) Clean the seat tracks with a cloth dampened with **cleaner** to remove residue or dust, especially in the locking holes.
- (3) Install the pilot seats (Refer to **TASK 25-11-01-900-801 , paragraph "Installation of pilot or copilot seat"**).
- (4) For A/C 104 and < 102, set the LH pilot seat (**15MP**) and the RH pilot seat (**10MP**) to the mid position, using the LH pilot seat height control pushbutton (**3MG1**) and the RH pilot seat height control pushbutton (**3MG2**).
- (5) For A/C ≥ 102, except 104, set the LH pilot seat (**L2MG**) and the RH pilot seat (**R2MG**) to the mid position, using the LH pilot seat height adjustment switch (**L3MG**) and the RH pilot seat height adjustment switch (**R3MG**).
- (6) Perform an operational test of the pilot seats (Refer to **TASK 25-11-01-900-801 , paragraph "Operational test"**).
- (7) Set the pilot seat /copilot seats in the full rear position.
- (8) Pull up the handle and push the pilot seat / copilot seats forward. Make sure that the two locking pins (7-fig. 1) lock the seats in all longitudinal positions when you release the handle.
- (9) Release the handle and make sure that the two locking pins (7-fig. 1) lock the seats in the full forward position.
- (10) Pull up the handle and push the pilot seat / copilot seats fully rearwards.
- (11) Release the handle and make sure that the two locking pins (7-fig. 1) lock the seats in the full rear position.
- (12) Identify Service Bulletin number on the labels, bond the labels to the pilot and copilot seats near the seat identification label and protect with overlay.

E. RECORDING

Record compliance with this Service Bulletin in the appropriate aircraft documents.

Fill out the card located at the end of the Service Bulletin and mail or fax it to Dassault Aviation or Dassault Falcon Jet, or fill out the electronic Service Bulletin reply form located in the Service Bulletin" page on the Falcon portal.

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3. MATERIAL INFORMATION
A. MODIFICATION KIT

Kit P/N SBF900EX0446AR1

NEW P/N	QTY	KEY WORD	FIG / ITEM
F0442581 including:	2	Kit. Each kit contains:	
- 147100-19	2	- Spring	Refer to (8-fig. 1)
- G0725X12S250	2	- Pin	Refer to (1-fig. 1)
- 00-6414	1	- Label	
- Not referenced	1	- Overlay	

B. LOCAL PROCUREMENT

As indicated in Consumable Products Manual (CPM):

- cleaner

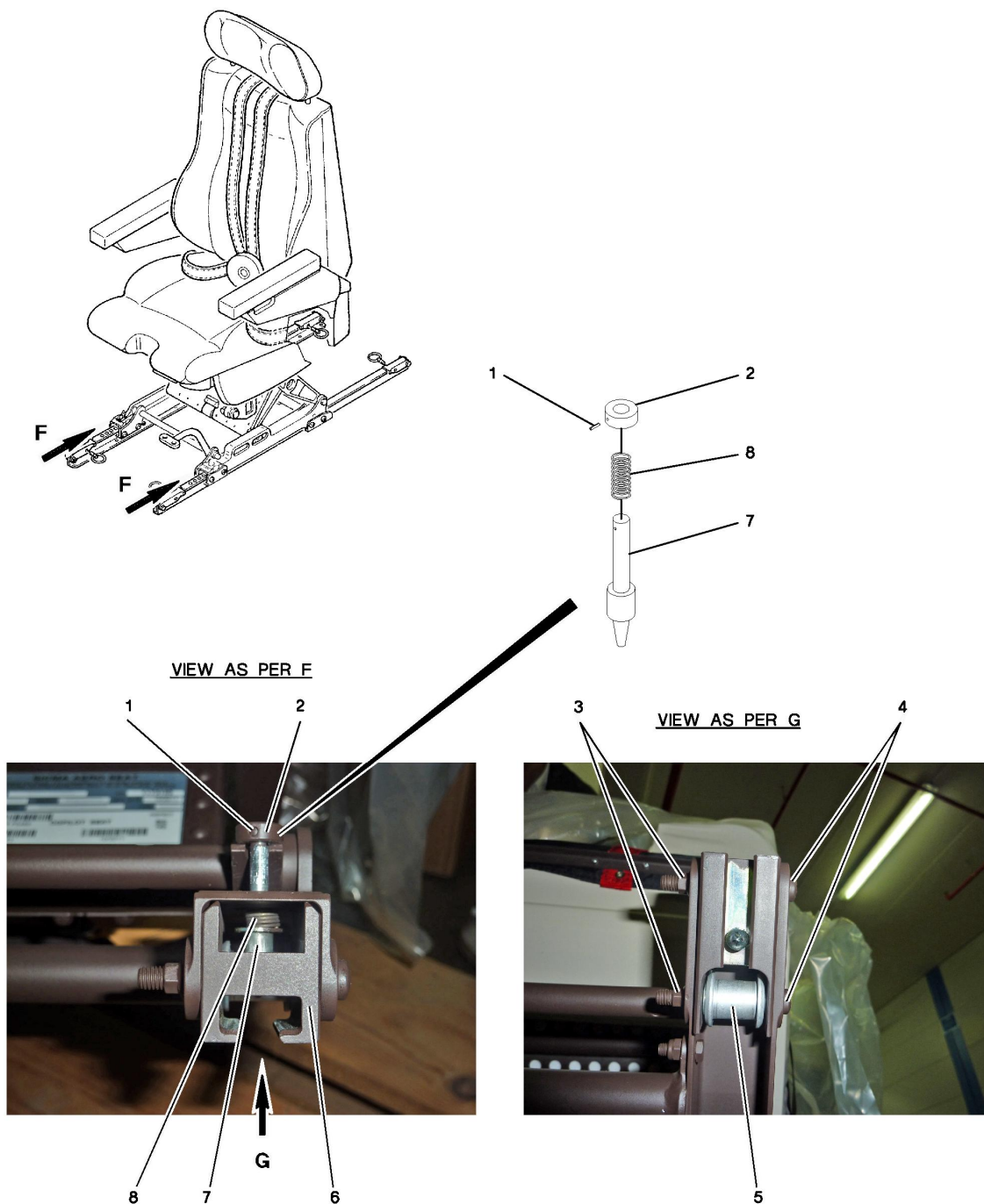


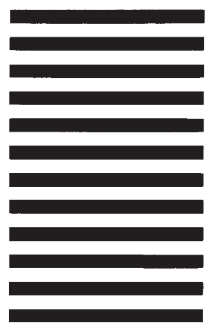
Figure 1: LOCATION OF COMPONENTS

FROM _____

ZIP CODE _____



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



BUSINESS REPLY MAIL

FIRST CLASS MAIL PERMIT NO. 3306 HACKENSACK, NJ 07602

POSTAGE WILL BE PAID BY ADDRESSEE:

DASSAULT FALCON JET CORP.
PO BOX 1946
SO HACKENSACK NJ 07606-9946

ATTENTION:
FIELD SERVICE DEPARTMENT



DASSAULT AVIATION
78, Quai Marcel Dassault
Cedex 300
92552 SAINT-CLOUD Cedex
FRANCE

A l'attention de DSC

SERVICE BULLETINS COMPLIANCE

FALCON 2000

A/C S/N

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DASSAULT AVIATION Number

F2000	401
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ATA Number

F2000	25	30
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☐ Coding:

C complete compliance
T partial compliance

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Performed by:

Remarks: Revision 1

Date:

Signature:

SERVICE BULLETINS COMPLIANCE

Would you be kind enough to inform us that this Service Bulletin is complied with:

- For "Western Hemisphere", mail upper card (No postage necessary if mailed in the U.S.A.) or fax to Dassault Falcon Jet: 1-201-541-4700.
- For "Other Continents", mail card herebelow or fax to Dassault Aviation: 33 (0)1.47.11.65.21.

On the occasion, if other Service Bulletins have been simultaneously complied with could you complete the blank spaces provided for this purpose.

APPLICATION DE BULLETINS DE SERVICE

Lorsque vous aurez applique ce Bulletin de Service sur votre avion, veuillez avoir l'amabilite de nous en informer:

- Utiliser la carte reponse superieure pour continent americain (Dispensee de timbrage pour postage depuis les U.S.A.) ou le fax pour Dassault Falcon Jet : 1-201-541-4700.

- Ou la carte reponse inferieure pour autres continents ou le fax pour Dassault Aviation : 33 (0)1.47.11.65.21.

Eventuellement, si d'autres Bulletins de Service ont ete appliques simultanement, vous pouvez les mentionner dans les cases vierges prevues a cet effet.

APPLICATION DES BULLETINS DE SERVICE

SERVICE BULLETINS COMPLIANCE

FALCON 2000

A/C S/N

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DASSAULT AVIATION Number

Numero DASSAULT AVIATION

F2000	401
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ATA Number

Numero ATA

F2000	25	30
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☐ Coding:

C complete compliance
application totale
T partial compliance
application partielle

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Performed by:

Fait par:

Remarks: Revision 1

Date:

Signature:

Remarques: Revision 1