A Textron Company

ALERT SERVICE BULLETIN **429-25-69**

PSL 2791

16 October 2025

MODEL AFFECTED: **429**

SUBJECT: **CORPORATE (LEATHER) CREW SEAT COVERS, REPLACEMENT OF**

HELICOPTERS AFFECTED: **Serial numbers 57187 through 57190, 57193 through 57196, 57199 through 57201, 57203 through 57206, 57208 through 57217, 57220, 57222, 57223, 57225, 57227, 57232 through 57237, 57241, 57243, 57244, 57246, 57247, 57250, 57253 through 57255, 57260, 57266, 57267, 57271, 57272, 57276, 57282, 57283, 57285, 57286, 57288, 57290, 57291, 57296, 57303, 57306, 57308 through 57311, 57314, 57315, 57321 through 57323, 57325 through 57328, 57334, 57336, 57342, 57343, 57345, 57347, 57349 through 57351, 57354 through 57356, 57359, 57362, 57363, 57369, 57371 through 57373, 57378, 57385, 57387, 57400, 57409 through 57411.**

[Serial numbers 57001 through 57186, 57191, 57192, 57197, 57198, 57202, 57207, 57218, 57219, 57221, 57224, 57226, 57228 through 57231, 57238 through 57240, 57242, 57245, 57248, 57249, 57251, 57252, 57256 through 57259, 57261 through 57265, 57268 through 57270, 57273 through 57275, 57277 through 57281, 57284, 57287, 57289, 57292 through 57295, 57297 through 57302, 57304, 57305, 57307, 57312, 57313, 57316 through 57320, 57324, 57329 through 57333, 57335, 57337 through 57341, 57344, 57346, 57348, 57352, 57353, 57357, 57358, 57360, 57361, 57364 through 57368, 57370, 57374 through 57377, 57379 through 57384, 57386, 57388 through 57399, 57401 through 57408, 57412 and subsequent will

Approved for public release.

have the intent of this bulletin accomplished prior to delivery.]

COMPLIANCE: No later than 3 years after the release date of this bulletin.

DESCRIPTION:

Bell discovered that the crew seats 18910-07-00 with leather corporate seat covers 429-020-010-121 were bolstered with added foam on the seat pan and seat back cushions. The additional foam could affect the performance of the energy attenuation function of the seat in the event of a crash or hard landing. This bulletin provides owners and operators with instructions to replace the seat cover and cushions to restore the seat to its intended configuration. The serial numbers listed in the **HELICOPTERS AFFECTED** section were delivered with the affected corporate seat kits. Helicopters that were not delivered with these kits may have been re-configured post-delivery.

Applicability of this bulletin to any spare part shall be determined prior to its installation on an affected helicopter.

APPROVAL:

The engineering design aspects of this bulletin are Transport Canada Civil Aviation (TCCA) approved.

CONTACT INFO:

For any questions regarding this bulletin, please contact:

Bell Product Support Engineering
Tel: 1-450-437-2862 / 1-800-363-8023 / productsupport@bellflight.com

MANPOWER:

Approximately 8 man-hours are required to complete this bulletin. This estimate is based on hands-on time and may vary with personnel and facilities available.

WARRANTY:

Owners / Operators of Bell Helicopters who comply with the instructions in this bulletin will be eligible to receive replacement parts listed in the material section of the bulletin. The www.mybell.com portal allocates specific warranty entitlement for an aircraft by serial number. The Product Service Letter (PSL) number, which will be listed below the bulletin number on the introduction page, is going to be a required field when submitting a claim on the Bulletins Tab for replacement parts, labor, and/or freight. If you receive an ASB or TB that does not have a PSL number, then there is no warranty entitlement for that bulletin.

NOTE: Replacement Crew Seat Pan Foam P/N F0405507, and Crew Seat Backrest Foam P/N F335262 will be issued on your PSL claim. Crew Seat Covers P/N 429-020-010-121S will be ordered through your Warranty Administrator. Bell will provide you with a PDF copy of the original Rendering agreed upon at time of purchase of your aircraft.

Once you confirm with your Warranty Administrator by email, your order for the seat covers will be initiated. These will be special order items with a lead time for delivery.

For any aircraft which original rendering is not available, see **NOTE 1** and **Table 1** for instructions.

Labor entitlement: Yes

$880.0 USD

To receive parts, labor, under warranty:

- Comply with the instructions contained in this Bulletin no later than the applicable date in the "compliance section".
- If there is a PSL number identified in the bulletin you will be required to enter this PSL number which will validate warranty entitlement for the selected aircraft. Please ensure that you use the Bulletin tab on the warranty section on www.mybell.com portal to file your claim.

You can find out how to submit a warranty claim on the link below.
https://bh.my.site.com/helpcenter/s/topic/0TO1T000000EpSbWAK/mybell-user-guidebooks

MATERIAL:

Required Material:
The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Supply Center.

Part Number	Nomenclature	Qty (Note)
F0405507	Crew Seat Pan Foam	2
F335262	Crew Backrest Foam	2
429-020-010-121S	Crew Seat Cover	2 (1)

NOTES:

1. The crew seat covers will only be ordered once confirmation of your rendering is received by Warranty Administration @ CAP@bellflight.com or warranty@bellflight.com. Please ensure that you reference your original PSL Claim number in your correspondence.

Consumable Material:
The following material is required to accomplish this bulletin, but may not require ordering, depending on the operator's consumable material stock levels. This material may be obtained through your Bell Supply Center.

Part Number	Nomenclature	Qty (Note)	Reference *
Commercial	3M Scotchgrip 1300L (EC1300L)	1 qt	C-324
2900-11017-00	50-029-7BT Hook	As Required	N/A

* C-XXX numbers refer to the consumables list in the BHT-ALL-SPM, Standard Practices Manual

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

429-IPB Illustrated Parts Breakdown
429-MM Maintenance Manual

PUBLICATIONS AFFECTED:

429-IPB Illustrated Parts Breakdown
429-MM Maintenance Manual

ACCOMPLISHMENT INSTRUCTIONS:

1. Prepare the helicopter for maintenance.

2. Remove the pilot and co-pilot crew seats (1, Figure 1) (DMC-429-A-25-10-00-01A-520A-A).

3. For each seat, do the following:

   a. Remove the nuts (2), the washers (3), the restraints system assembly lap belts (4), and the washers (5).

   b. On the left side of the backrest, pull on the lumbar support valve (6) to remove it.

-NOTE-

The original crew seat covers are a two-piece set: a lower seat cover and an upper seat cover.

c. Remove the original seat covers (7) as follows:

(1) Undo the (Velcro) pile on the seat cover lower tabs (8) from the (Velcro) hook underneath the seat bucket (9).

(2) Remove and discard the bottom seat cover.

(3) Undo the hook and pile in the middle of the seat cover aft panel (14).

(4) Carefully pull the shoulder harnesses (13) through the opening between the seat headrest and the seat cover aft panel (14) as shown in Detail H.

(5) Undo the pile on the seat cover lower backrest flap (15) from the hook under the lumbar support (16).

(6) Undo the pile on the seat cover upper backrest flap (17) from the hook under the backrest foam (18).

(7) Undo the pile on the seat cover headrest flaps (19) from the hook on the seat bucket (9).

(8) Remove and discard the upper seat cover.

d. Remove and discard the backrest foam (18) and the bottom foam (20).

e. Make sure that the hook is in good condition and is still secure on the seat bucket (9).

f. If required, re-bond the strips of hook that are loose with adhesive (C-324). New strips of 50-029-7BT hook can also be bonded as required.

-NOTE-

The strip of hook (21) that is to be bonded on the bottom foam (20) is included with the new seat cover.

g. On the new bottom foam (20), bond the strip of hook (21) that came with the seat cover 3.5 inches (88.9 mm) from the aft edge of the foam with adhesive (C-324), as shown in Detail A.

h. Install the bottom foam (20) and the backrest foam (18) on the seat bucket (9).

i. Install the new crew seat cover (7) as follows:

(1) Slide down the seat cover (7) over the headrest and fasten the pile on the seat cover headrest flaps (19) to the hook on the seat frame as shown in View C.

(2) Continue sliding down the seat cover (7) and fasten the pile on the seat cover upper backrest flap (17) with the hook that is located on the backside the backrest foam (18) as shown in View D.

(3) If the lumbar support (16) has been removed, re-install it (Safran Seat 189 Series CMM 25-12-18).

(4) Lower the seat cover (7) over the lumbar support (16) and fasten the pile on the seat cover lower backrest flap (15) with the hook that is located on the backside of the lumbar support.

(5) Roll the seat cover (7) over the bottom foam (9) making sure to fasten the seat cover pile strip (21) with the hook (22) on the bottom foam.

(6) Pull down the seat cover lower tabs (8) over the sides of the seat frame and fasten the pile on the hook that is located underneath the seat bucket (9).

(7) Pull the shoulder harnesses (13) through the opening between the headrest and the seat cover aft panel (14) as shown in Detail H.

(8) Close the slide fastener (12).

(9) Fasten the pile on the seat cover aft panel tab (10) to the hook on the seat frame (11) as shown in Views I and J.

j. Locate and cut the holes for the lap belt fasteners on both sides of the crew seat (1).

k. Install the washers (5), the lap belts (4), the washers (3), and the nuts (2). Torque nuts (2) 79 to 115 IN-LB (9 to 13 NM).

l. Locate and cut the hole for the lumbar support valve.

-NOTE-

Make sure that the crew seat cover is not pinched between the valve and the receptacle.

m. Insert the valve into the lumbar support. Make sure that the crew seat cover is not pinched between the valve and the receptacle.

CAUTION

Use of heat to eliminate wrinkles is permissible. Do not use excessive heat as this can damage the seat cover, foams and seat structure. It is recommended to use a heat gun at low heat setting (MAX 750°F) to remove wrinkles and creases. To assist with eliminating wrinkles and obtaining a satisfactory finish, a video tutorial is available here: https://vimeo.com/1111494783/b1b02bff29?share=copy.

n. Adjust the seat cover as required to obtain a satisfactory finish.

4. Install the pilot and co-pilot crew seats (DMC-429-A-25-10-00-01A-720A-A).

5. Make an entry in the helicopter logbook and historical service records indicating compliance with this Alert Service Bulletin.

Table 1 – Crew Seat Cover Order Form

Corporate Crew Seat Cover	**429-020-010-121**
Customer Account Number:	_____
Helicopter Serial Number:	_____
Material:	_____
Material Color:	_____
Stitching Color:	_____
Logo:	_____
Additional Information:	_____
_____	
_____	
_____	
_____	
Original PSL 2791 Warranty Claim Number: _____	
Please include a photo of the crew seat and cover with this order form.	

Passenger seat covers are available in various material and color selections. Specify your material and color selection when placing your order. Some seat covers are custom made. Please specify any particularities such as company logos, insert color, stitching color, Piping color, etc. The original helicopter purchase agreement interior rendering should contain this information.

The standard material and color selections are as follows:

Leather, Spinneybeck Volo:

VO BLCK Black	VO 955 Marine Blue
VO 908 Maroon	VO 961 Stone Mountain
VO 937 Claret	VO 965 Shaker Ochre
VO 944 Sand	VO 6011 Light Grey
VO 946 Thundercloud	VO 981 Sumi
VO 954 Mauve Beige	VO 983 Constantinople

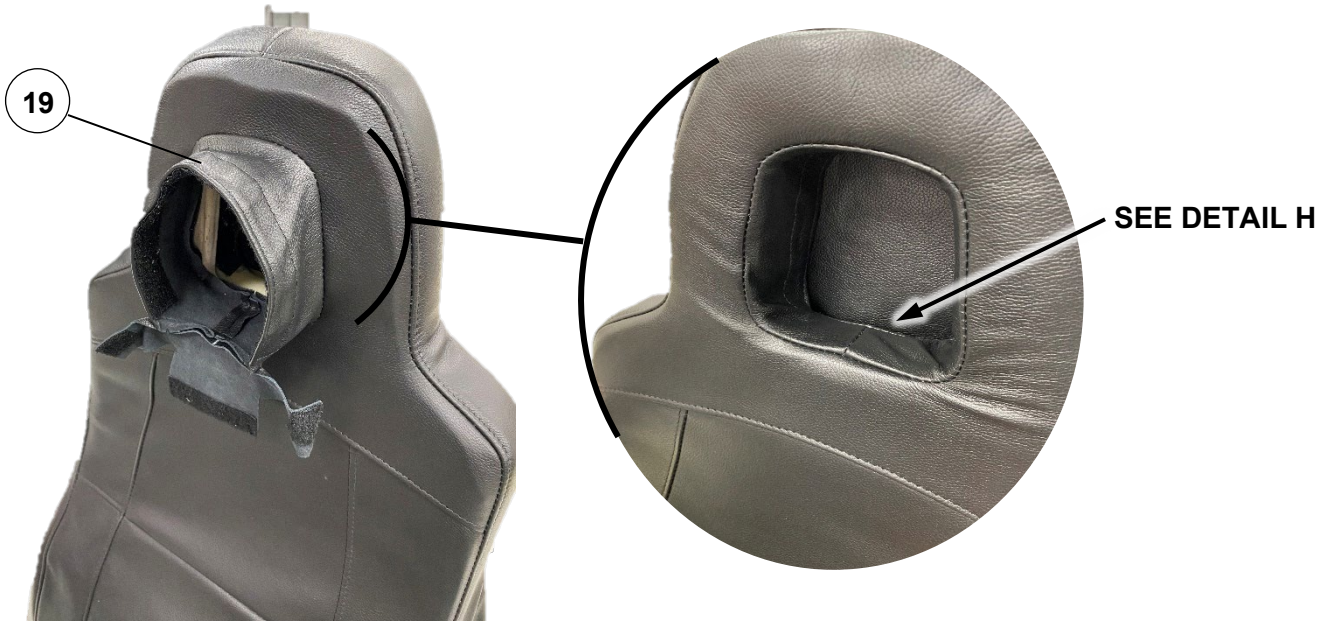
Figure 1 – Crew Seat Cover Removal and Installation (Page 1 of 6)

DETAIL A

Figure 1 – Crew Seat Cover Removal and Installation (Page 2 of 6)

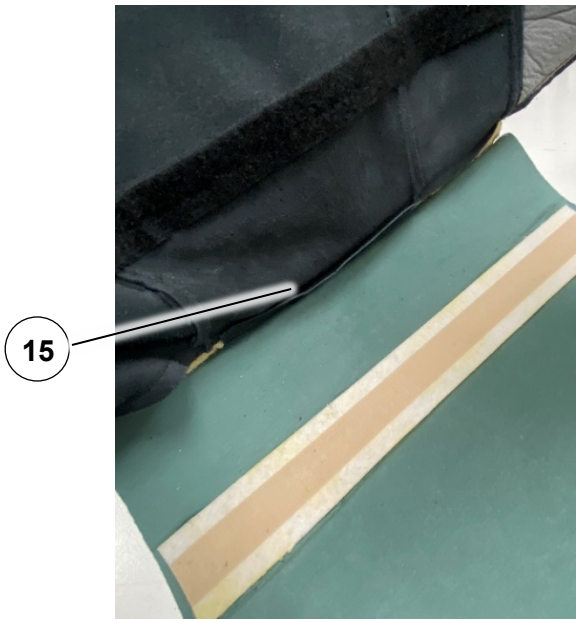
DETAIL B
SEAT COVERS ARE VIEWED INSIDE OUT

Figure 1 – Crew Seat Cover Removal and Installation (Page 3 of 6)



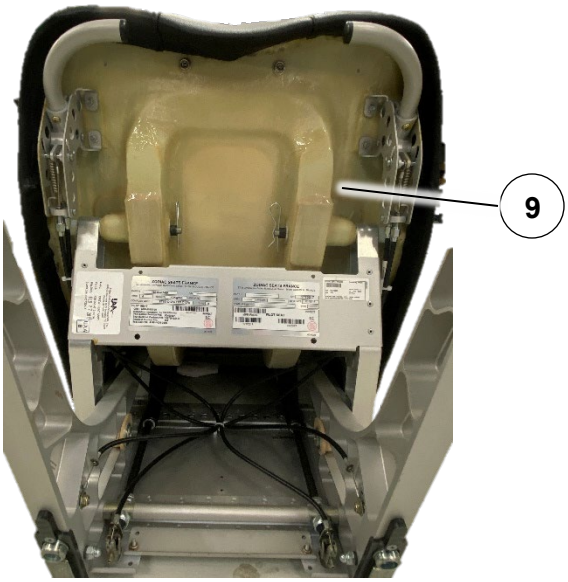
VIEW C

VIEW D

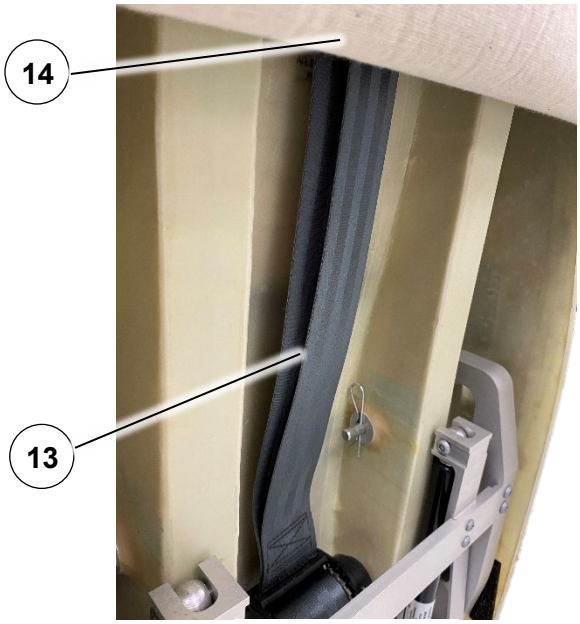


VIEW E

Figure 1 – Crew Seat Cover Removal and Installation (Page 4 of 6)



VIEW F



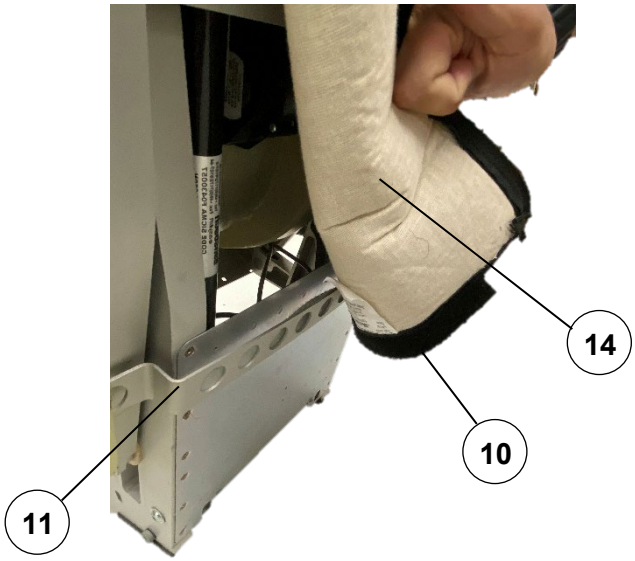
VIEW G

New Seat Cover

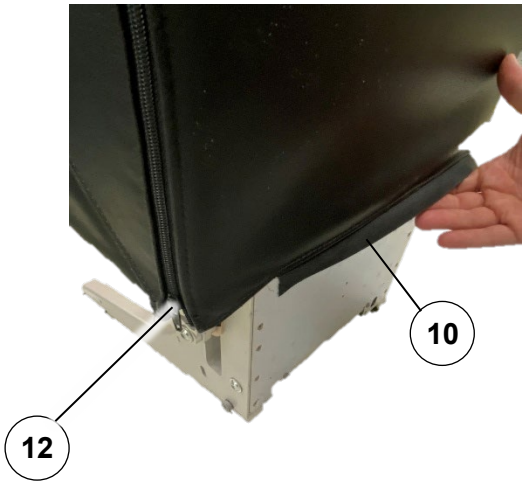
Original Seat Cover

DETAIL H

Figure 1 – Crew Seat Cover Removal and Installation (Page 5 of 6)



VIEW I



VIEW J

1. Pilot/co-pilot crew seat
2. Nut
3. Washer
4. Lap belt
5. Washer
6. Valve
7. Seat Cover
8. Seat cover lower tabs
9. Bottom foam
10. Seat cover aft panel tab
11. Seat frame
12. Slide fastener
13. Shoulder harness
14. Seat cover aft panel
15. Seat cover lower backrest flaps
16. Lumbar support
17. Seat cover upper backrest flap
18. Backrest foam
19. Seat cover headrest flaps
20. Bottom foam
21. Pile
22. Seat cover hook strip

1 **Seat with fabric cover is shown for instructional purposes. Only crew seats with leather covers are affected.**

T **Torque nut 79 to 115 IN-LB (9 to 13 NM).**

Figure 1 – Crew Seat Cover Removal and Installation (Page 6 of 6)