



A Textron Company

ALERT SERVICE BULLETIN

429-19-46
30 April 2019

MODEL AFFECTED: 429

SUBJECT: TRIM RUNAWAY EMERGENCY PROCEDURE,
INTRODUCTION OF.

HELICOPTERS AFFECTED: Serial numbers 57001 through 57343, 57346
through 57357, 57359, 57362 through 57367.

[Serial numbers 57344, 57345, 57358, 57360, 57361,
57368 and subsequent will have the intent of this
bulletin accomplished prior to delivery.]

COMPLIANCE: Prior to next flight, following the release date of this
bulletin.

DESCRIPTION:

Bell has received reports of an unanticipated force build up in the directional controls. Subsequent investigation revealed that this was caused by a yaw trim runaway. It was determined that a yaw trim runaway can occur, as a result of a rapid pedal motion across the detent position by the pilot, while the automatic pedal trim function is operating. The automatic pedal trim function is described in more detail in Section 8 of the Integrated Avionics Manual (BHT-429-IAM). This feature is active anytime the trim system is engaged with the autopilots on or off. Normal, emergency and, Power Assurance Check (PAC) procedures in the Rotorcraft Flight Manual have been revised to address trim runaway. This bulletin introduces Revision 14 of the BHT-429-FM-1 Rotorcraft Flight Manual.

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
INTERMEDIATE Tel: 450-437-2077 / 1-800-463-3036 / productsupport@bellflight.com

MANPOWER:

None required.

WARRANTY:

There is no warranty credit applicable for parts or labor associated with this bulletin.

MATERIAL:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through the Bell Technical Publications department.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty</u>
BHT-429-FM-1 Rev 14	Rotorcraft Flight Manual	1

Consumable Material:

None required.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-429-FM-1, Rotorcraft Flight Manual, Revision 14

PUBLICATIONS AFFECTED:

BHT-429-FM-1, Rotorcraft Flight Manual, Sections 2, 3, and 4

ACCOMPLISHMENT INSTRUCTIONS:

-NOTE-

As a temporary measure until the hard copy of the BHT-429-FM-1 Revision 14 Rotorcraft Flight Manual (RFM), or subsequent, is received through regular technical publications distribution, owner/operators may print copies from the online Bell Technical Publications website at www.mybell.com to insert into the RFM.

1. Insert BHT-429-FM-1 Revision 14, or subsequent, dated 18 April 2019 in the BHT-429-FM-1 Rotorcraft Flight Manual.
2. Make an entry in the helicopter logbook and historical service records indicating compliance with this Alert Service Bulletin.