



A Textron Company

OPERATION SAFETY NOTICE

505-25-04

27 February 2025

TO: All owners and operators of Model 505 Helicopters

**SUBJECT: DART AEROSPACE SERVICE BULLETIN SB22-4 (REVISION A),
EMERGENCY FLOAT SYSTEM PULL CABLES.**

This Operation Safety Notice (OSN) is to inform Bell helicopter owners and operators of the release of the subject attached Service Bulletin from DART Aerospace.

For any questions regarding this letter, please contact:

DART AEROSPACE
Tel: +1-613-676-0992
Email: support@dartaero.com

DART SERVICE BULLETIN SB22-4

**AFFECTING:
PROGRAMS AND PART NUMBERS LISTED IN TABLE 1
REF. TCCA STC: SEE TABLE 1
REF. FAA STC: SEE TABLE 1**

EFFECTIVE DATE: 2023-JAN-01

It has come to Dart's attention that a number of pull cables that were manufactured between November 01, 2021 and July 25, 2022 may have been manufactured using an incorrect crimping tool as part of a process improvement initiative. When installed, the pull cables are connected to a handle which is used to activate either the float or liferaft system during an emergency water landing. The problem was recently identified by two customers who had the pull cables fail (the ferrule on the end of the cable separated from the cable) while they were using the Dart Pull Cable Test Tool to validate the installation of the pull cables as part of a float/liferaft system.

Pull Cables with the P/Ns listed in Table 1 of this SB that also have a S/N CH022456 to CH108632 or VT255863 to VT255868 must be replaced within three months of the effective date in accordance with the Instructions for Continued Airworthiness that is applicable to each STC listed below. The latest version of the Instructions for Continued Airworthiness can be found on the Dart website at www.dartaerospace.com.

NOTE: If INOPPING the system is desired to prevent an unsafe condition, see INOP Instructions on page 2.

TABLE 1: AFFECTED PULL CABLE INFORMATION

AIRCRAFT	PULL CABLE P/N	TCCA STC	FAA STC
AS350/AS355	645.3601, 645.3602, 645.3603, 645.3604, 645.0101, 645.0102	SH97-69 / SH22-22	SR00470LA / SR00645LA
A119/AW119MKII	604.5302, 604.5303, 604.5313, 604.5315	SH22-23	SR01392LA
AW139	645.2409, 645.2410, 645.2411, 645.2412, 645.2413	SH22-24	SR01949LA
Bell 505	651.7001	SH18-9	SR04133NY
Bell 206/407	614.2401, 614.2402, 614.2403, 614.4207, 614.4208, 614.4209, 614.9204, 614.9205, 614.9206, 614.9308, 645.5502, 645.5509	SH06-1	SR01535LA
EC130	604.5317, 604.5319, 624.6308, 624.6310, 624.6313	SH18-50	SR04327NY
EC145	646.5901, 646.5902, 646.5903, 646.5904, 646.5905, 646.5906, 646.5907, 646.5910	SH21-24 / SH22-25	SR04694NY / SR02244LA

APPROVED

A	NEW ISSUE	AA	22.12.05
REV.	DESCRIPTION	BY	DATE
DESIGN	AA	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AA		
CHECKED	DR	DRAWING NO.	REV. A
MFG. APPR.	N/A	SB22-4	SHEET 1 OF 2
APPROVED	LP	TITLE	SCALE
DE APPR.	DS	SERVICE BULLETIN	NTS
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INOP Instructions:

1. For systems with quick-release pins in the handles follow steps 2-4. For systems without a quick-release pin follow step 5.
2. INOP the Emergency Float System by replacing the "Remove Prior to Flight" warning tag with the P/N 604.5213 "Emergency Float System Inoperative" Warning Tag on the P/N 601.0998 quick-release pin.
3. Insert the modified quick-release pin into the float or liferaft activation handle.
4. Ty-wrap the pin into place on the handle so that the Warning Tag is clearly visible but does not interfere with flight operations.
5. Secure the P/N 604.5213 to the handle using a ty-wrap so that the Warning Tag is clearly visible but does not interfere with flight operations.

The P/N 604.5213 "Emergency Float System Inoperative" Warning Tags can be obtained from DART. Contact DART Customer Service for a resolution on the issue.

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DRAWN	AA		
CHECKED	DR	DRAWING NO.	REV. A
MFG. APPR.	N/A	SB22-4	SHEET 2 OF 2
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