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TECHNICAL BULLETIN TB No. AA-06088

SUBJECT: External Mount Rescue Hoist Assembly
BL-20200-400-2

MODELS AFFECTED: Bell Helicopter Textron model 412CF helicopters with Breeze-Eastern Rescue Hoist Assembly BL-20200-400 installed in accordance with STC SH3189SO.

COMPLIANCE: At Customer option.

DESCRIPTION: This Technical Bulletin is being issued to advise operators of a conversion option for Breeze-Eastern hoist installations. This improvement converts Rescue Hoist Assembly BL-20200-400 to Rescue Hoist Assembly BL-20200-400-2. The incorporation of this kit in conjunction with Hoist overhaul in accordance with AA-02015 ICA will set the Time Between Overhaul (TBO) on condition at 2000 cycles or 10 years, which ever comes first. Included in this conversion/ improvement are parts for a Cable Protection Overload Shock Clutch and a Skewed Roller Weston Brake which eliminates the requirement for a crushable bumper.

APPROVAL: The engineering aspects of this Technical Bulletin are FAA / DER approved.

MANPOWER: Approximately 5 hours for removal and installation of Rescue Hoist Assembly.

ECCN
9E991

IF OWNERSHIP OF AIRCRAFT HAS CHANGED, PLEASE FORWARD THIS BULLETIN TO NEW OWNER

MATERIAL REQUIRED:

Product Improvement Kit, KT-498.

REQUIRED TOOLS:

No special tools required

WEIGHT AND BALANCE:

Net weight change:
-1lb (-0.45 kg)

PUBLICATIONS AFFECTED:

AA-02015 Instructions for Continued Airworthiness for External Hoist

ACCOMPLISHMENT INSTRUCTIONS

The conversion from Rescue Hoist Assembly BL-20200-400 to Rescue Hoist Assembly BL-20200-400-2 can be accomplished as follows.

NOTE

Refer to AAI report AA-02015, Instructions for Continued Airworthiness for External Hoist for supplemental disassembly and assembly instructions.

- 1.** Remove Cable Cutter Cartridge from hoist.
- 2.** Remove Rescue Hoist Assembly from aircraft.
- 3.** Forward Rescue Hoist Assembly BL-20200-400 and KT-498 to an authorized Breeze-Eastern repair facility for overhaul and upgrade to Rescue Hoist Assembly BL-20200-400-2 by installation of Product Improvement Kit, KT-498.
- 4.** Upon receipt of Rescue Hoist Assembly BL-20200-400-2, install Rescue Hoist Assembly on aircraft in accordance with AAI publication AA-02015.
- 5.** Annotate the records to indicate installation of BL-20200-400-2 Rescue Hoist Assembly.

Any questions regarding this bulletin or purchase of Rescue Hoist Assembly Product Improvement Kits should be addressed to:

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