

**TECHNICAL BULLETIN**  
**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

No. 214ST-02-172

Date 11-08-02

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DATE
REV

**MODEL AFFECTED:** 214ST

**SUBJECT:** **REPLACEMENT OF P/N 214-175-380-101  
NICKEL-CADMIUM BATTERY**

**HELICOPTERS AFFECTED:** All Model 214ST Helicopters

**COMPLIANCE:** At Customer's Option

**DESCRIPTION:**

The manufacturer of the P/N 214-175-380-101 Battery, Eagle-Picher Technologies, has ceased manufacture and support of nickel-cadmium (NICAD) batteries.

As a result, a replacement battery installation has been approved for use in the 214ST helicopter. The replacement batteries are a sealed lead-acid design and have been previously approved for installation in the 214ST under FAA Supplemental Type Certificate (STC) Number SR09225RC (Falcon Crest Aviation).

**APPROVAL:**

The engineering design aspects of this bulletin are FAA/DER approved.

**MANPOWER:**

Approximately 3.0 man-hours are required to complete this bulletin. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

**MATERIALS:**

Refer to Accomplishment Instructions

**SPECIAL TOOLS:**

None required

**WEIGHT AND BALANCE:**

Refer to Supplemental Type Certificate (STC) Number SR09225RCTC installation instructions.

**ELECTRICAL LOAD DATA:**

Not affected

**REFERENCES:**

BHT-214ST-IPB Illustrated Parts Breakdown, Chapter 96  
BHT-214ST-MM Maintenance Manual, Chapters 8 and 96

**PUBLICATIONS AFFECTED:**

BHT-214ST-IPB Illustrated Parts Breakdown, Chapter 96  
BHT-214ST-MM Maintenance Manual, Chapter 96

**ACCOMPLISHMENT INSTRUCTIONS:**

1. The replacement battery installation noted below is approved under FAA Supplemental Type Certificate (STC) Number SR09225RC.
2. The installation details and instructions may be obtained from the STC holder as noted below:

Falcon Crest Aviation Supply Inc.  
ATTN: Burley Gunter  
8318 Braniff  
Houston, TX 77061  
Telephone: 713-644-2290  
Facsimile: 713-644-0356  
Email: fcrest@earthlink.net