

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number **SR00532SE**

This certificate, issued to

**Certified Technology
3080 Thorntree Dr. #125
Chico, CA 95973**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations.*

Original Product—Type Certificate Number:

*See attached FAA Approved Model List (AML)

Make:

No. SR00532SE for list of approved rotorcraft models

Model:

and applicable airworthiness regulations

Description of the Type Design Change: Installation of Certified Technology, Inc. quick release door pins in accordance with Certified Technology Drawing List CT9801, Revision New Release, dated June 3, 1998.

Limitations and Conditions: Approval of this change in type design applies to the rotorcraft models listed on the AMP only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and FAA Approved Model List (AML) No. SR00532SE must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: May 18, 1998

Date reissued:

Date of issuance: July 1, 1998

Date amended: October 30, 2000



By direction of the Administrator
Adriano Pasini
(Signature)

Acting Manager, Seattle Aircraft
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

CERTIFIED TECHNOLOGY, INC.
FAA APPROVED MODEL LIST (AML) NO. SR00532SE
FOR
INSTALLATION OF QUICK RELEASE DOOR PINS

Original Issue: July 1, 1998

AIRCRAFT	AIRCRAFT MODEL	ORIGINAL TYPE CERT. NO.	CERT. BASIS FOR ALTERATION	FAA SEALED DRAWING/ DRAWING LIST NO.	REVISION NO. AND DATE	FAA APPROVED INSTALLATION INSTRUCTIONS NO. & REV. DATE	AML AMENDMENT DATE
1	Bell Textron 206, 206A, 206A-1, 206B, 206B-1, 206L, 206L-1, and 206L-3	H2SW	CAR 6 (See H2SW)	CT9801	New Release June 3, 1998	CT9801-1, Revision -, dated June 2, 1998	N/A
2	Bell Textron 206L-4 and 407	H2SW	Part 27 (See H2SW)	CT9801	New Release June 3, 1998	CT9801-1, Revision -, dated June 2, 1998	N/A

FAA Approved: 
 Manager, Special Certification Branch, ANM-190S
 Seattle Aircraft Certification Office

**INSTALLATION INSTRUCTIONS
BELL HELICOPTERS 206/206L/407 SERIES HELICOPTERS**

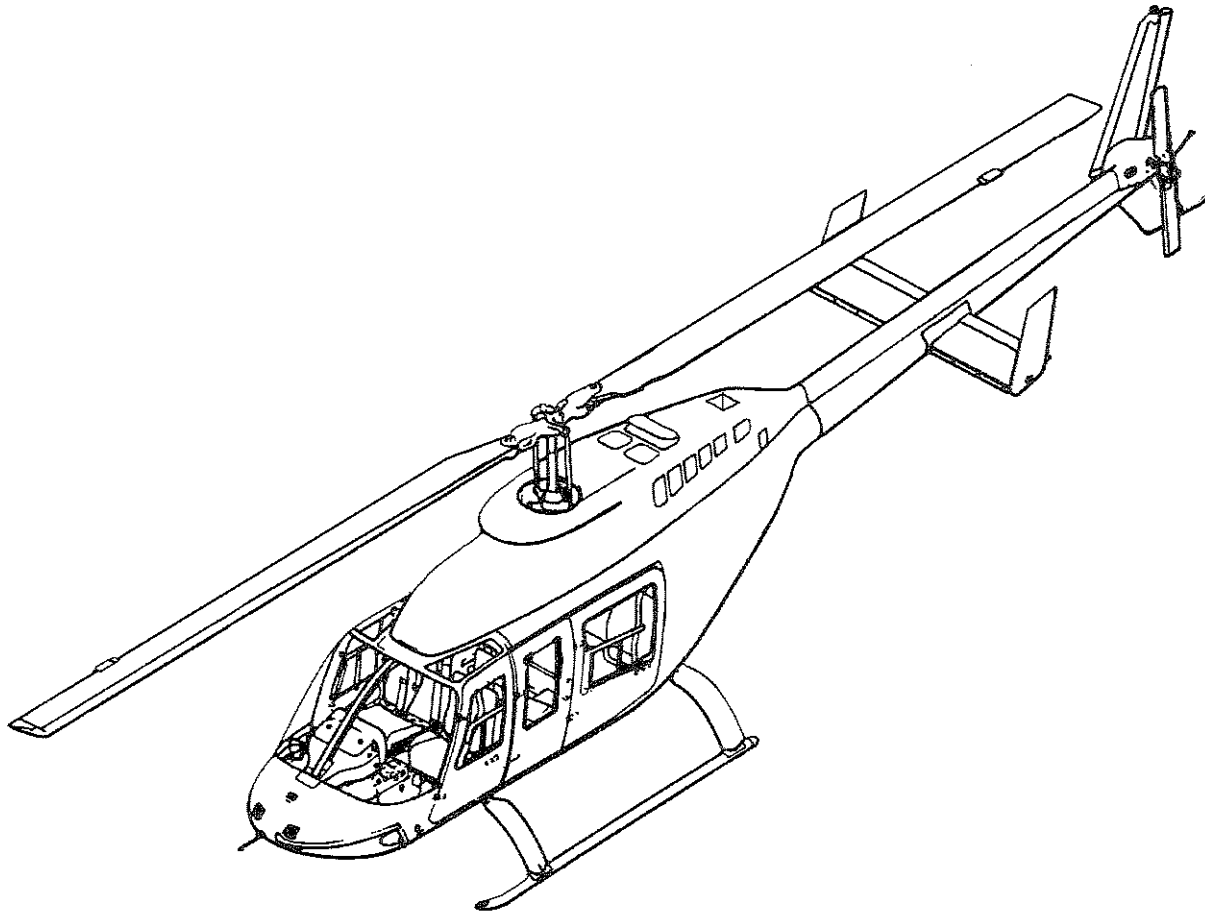


TABLE OF CONTENTS

- 1.1.00 GENERAL INFORMATION
- 1.2.00 PIN INSTALLATION

1.1.00 GENERAL INFORMATION

The Bell 206/206L/and 407 Series Quick Release Pin kit is designed to replace the factory standard door hinge bolts. These quick release pins may be installed on all doors or may be installed separately as sets on either the front or rear doors.

INSTALLATION INSTRUCTIONS BELL HELICOPTERS 206/206L/407 SERIES HELICOPTERS

Throughout the installation it is imperative to follow standard aviation practices and procedures.

These quick release pins are to be used on aircraft with hinges in good condition. The quick release pins are not intended to correct problems with the existing hinges such as overly worn pivot point holes, loose or misaligned hinges, or any other problems that may lead to unsafe conditions. Examine the aircraft hinges carefully prior to the installation of the quick release door pins.

1.2.00 **INSTALLATION INSTRUCTIONS**

Remove and examine all components of the Quick Release Door Pin kit. The pins are shipped assembled with their safety wires attached as they will appear on the aircraft. Do not remove the safety wires from the pins—they are required as part of the legal installation.

The quick release pins are installed as pictured in the supplied drawings (9801100 for the 206 series, 9801101 for the 206L series, and 9801102 for the 407).

- 1.2.10 Remove the door that is to be modified. Determine which is the best fastener to attach the safety wire tab under. The appropriate drawing for the aircraft shows the best location for the safety wire tab.

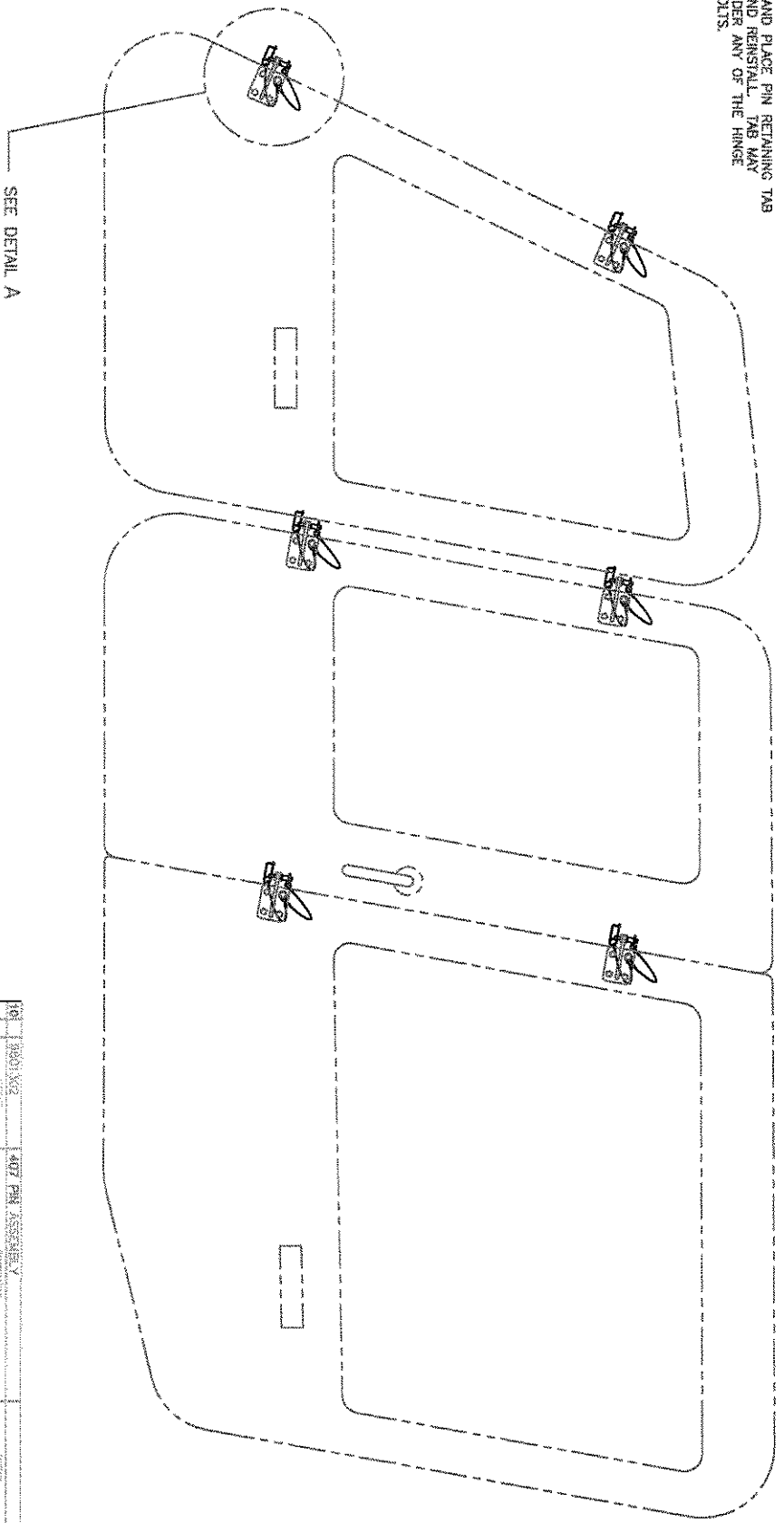
NOTE: Many of the 206 or 206L series aircraft have had some or all of the rivets that retain the door hinges replaced with larger rivets or with bolts. If this is the case with your aircraft it will be necessary to attach the safety wire retaining tab under one of these fasteners or replace them with a suitable fastener.

- 1.2.11 Remove the fastener and install the safety wire tab using a new fastener.
- 1.2.12 Repeat this procedure for the other hinge on the chosen door.
- 1.2.13 Reinstall the door on the aircraft with the new quick release door pins and secure the pins with the secondary safety pin.
- 1.2.14 Use the above procedure for all the remaining doors.

END

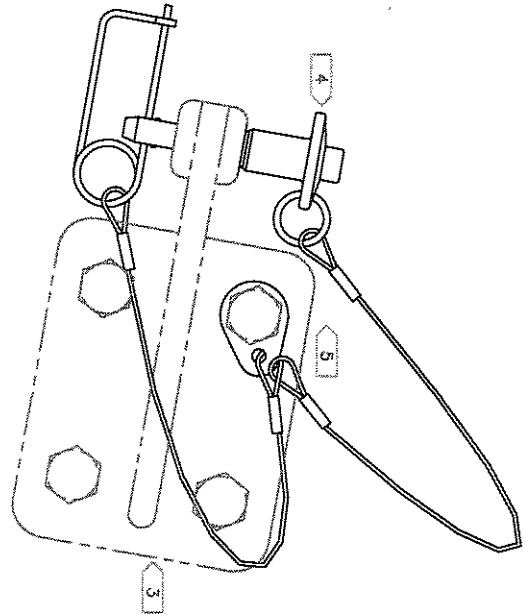
PART NO.		9801102		REV.		1	
DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION	REV.

- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING IN ACCORDANCE WITH INDUSTRY STANDARDS PRESCRIBED BY ASME Y14.5 1994.
 2. LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE (RIGHT SIDE EXCLUDES LITTER DOOR)
 3. REPRESENTATION OF EXISTING HELICOPTER HINGE
 4. 407 PIN ASSEMBLY (9801302) SHOWN OR 206 (9801300)
 5. REMOVE BOLT AND PLACE PIN REMAINING TAB UNDER BOLT AND REINSTALL. TAB MAY BE PLACED UNDER ANY OF THE HINGE ATTACHMENT BOLTS.



9801302 407 PIN ASSEMBLY		9801302 407 PIN ASSEMBLY	
UNITED STATES PATENT AND TRADEMARK OFFICE OFFICE OF THE SECRETARY WASHINGTON, DC 20530 407 PIN ASSEMBLY 2"	APPROVAL SIGNATURE DATE	CERTIFIED TECHNOLOGY, INC. 10000 100TH AVE. N.E. SUITE 1000 BELLEVUE, WA 98004-3100	407 PIN INSTALLATION 9801102

DWG NO.		9801102		SH	2	REV	
ZONE	REV	DESCRIPTION		DATE	APPROVED		



DETAIL A

QTY REQ'D	PART OR IDENTIFYING NO.	CONTRACT NO.	REVISIONS, CHANGE OR ENLARGEMENTS	DATE	DATE	DATE	DATE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ANGLES				APPROVAL	DATE	CERTIFIED TECHNOLOGY, INC. 13812 98th Ave. N.E., Kirkland, Washington 98034 (425) 823-0878	
MATERIAL				DRAWN	5/15/98	407 PIN INSTALLATION	
XXXX-XXXX-005				CHECKED		13812 98th Ave. N.E., Kirkland, Washington 98034 (425) 823-0878	
FINISH				APPROVED		9801102	
				SCALE	1/1	SHEET 2 OF 2	