

# KNOTS 2U, LTD. LUGGAGE DOOR STRUT KIT

INSTALLATION MANUAL  
ISSUE DATE 01/01/98

APPLICABLE MODELS:

BEECHCRAFT MODELS: B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A,  
95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, 56TC, A56TC WITH  
EXTENDED LUGGAGE DOOR

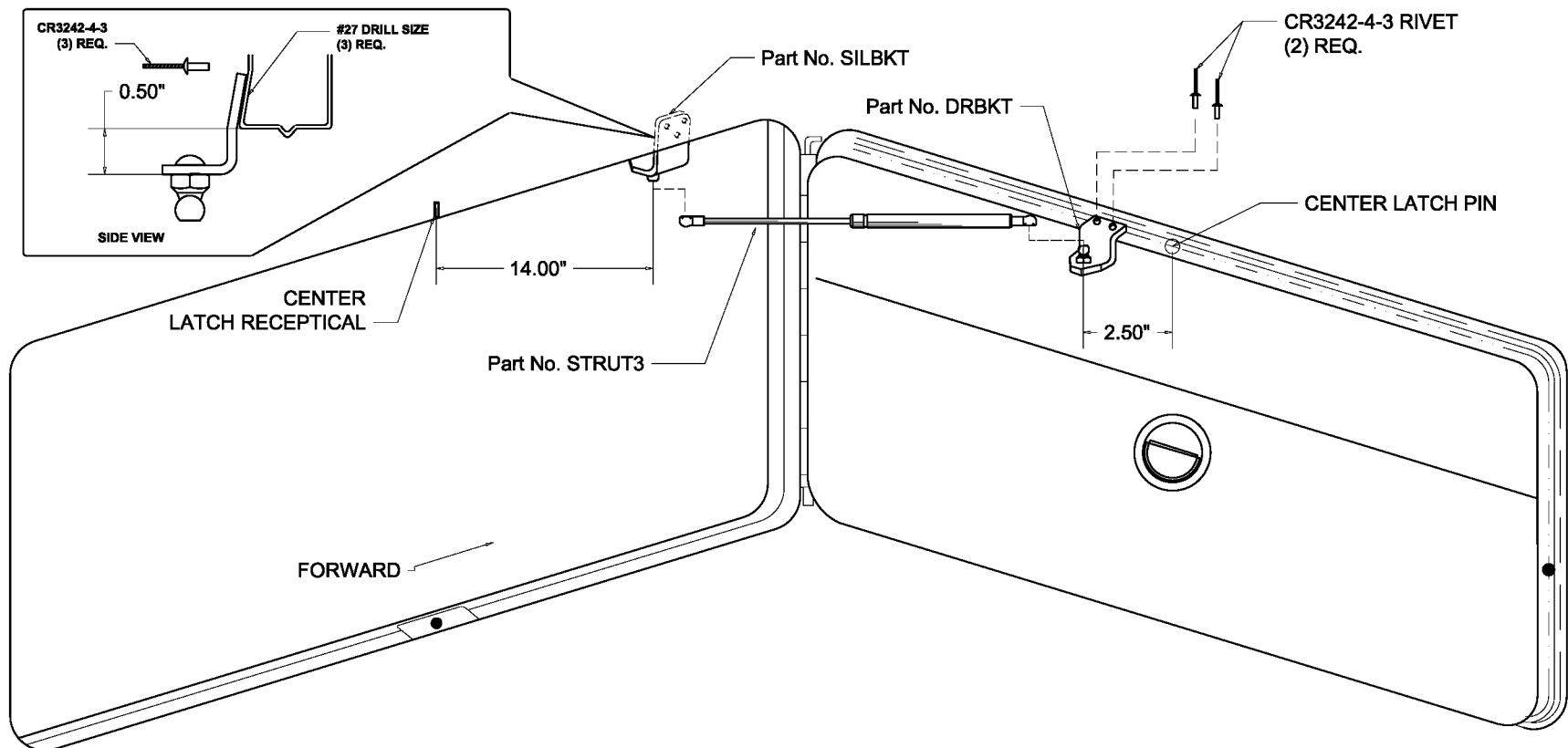
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[www.knots2u.com](http://www.knots2u.com)

Rev #	Date	Page (s)	Effect
A	03/17/03	ALL	Added an additional attachment screw to attach Part No. SILBKT. Clean-up of manual.

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REV.	DATE	EFFECT
1	03-17-03	RE-DRAW. ADDED 3RD ATTACH HOLE TO PART NO. SILBKT



**INSTALLING P/N SILBKT AND P/N DRBKT**

1. REMOVE INTERIOR ABOVE LUGGAGE DOOR OPENING. LOCATE P/N SILBKT IN SHOWN POSITION. IF PART FALLS ON AN EXISTING RIVET, THE RIVET MAY BE DRILLED OUT AND REPLACED WITH A COUNTERSUNK RIVET. DRILL (3) #27 HOLES AND RIVET P/N SILBKT IN PLACE USING (3) CR3242-4-2 CHERRY MAX RIVETS. INTERIOR MAY BE RE-INSTALLED.
2. LOCATE P/N DRBKT IN LOCATION SHOWN ABOVE. IF PART FALLS ON AN EXISTING RIVET, THE RIVET MAY BE DRILLED OUT AND REPLACED WITH A COUNTERSUNK RIVET. BEFORE DRILLING MOUNTING HOLES, CLOSE DOOR AND CONFIRM MEASUREMENT OF 11.50" BETWEEN CENTER OF P/N DRBKT AND CENTER OF P/N SILBKT. DRILL (2) #27 HOLES AND RIVET P/N SILBKT IN PLACE USING (2) CR3242-4-2 CHERRY MAX RIVETS.
3. STRUT MAY BE INSTALLED PER DIAGRAM.
4. EXISTING CHAIN AND ATTACHMENTS MAY BE REMOVED AND THE HOLES FILLED WITH RIVETS.

TOLERANCES UNLESS OTHERWISE SPECIFIED	(1) PLACE DECIMAL +/- .030 (2) PLACE DECIMAL +/- .015	(3) PLACE DECIMAL +/- .005 FRACTIONS +/- 1/64
ANGLES	+/- 1/2 REMOVE ALL BURRS, BREAK	
HOLE DIA	+/- .005 ALL SHARP EDGES .010R	

**KNOTS 2U, LTD.**  
703 AIRPORT ROAD BURLINGTON, WI 53105

BEECH LUGGAGE DOOR STRUT INSTALLATION

SCALE: FULL	DRAWN BY: JMB DWG DATE: 01-01-98	APPROVED FOR BEECHCRAFT MODELS 33/35/55/56/95
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DWG# BEECHSTRUT

-SECTION 2.0 PARTS LIST-

<u>PART No.</u>	<u>No. REQ.</u>	<u>DESCRIPTION</u>
STRUT3	1	17" (20psi) Pneumatic Strut
SILBKT	1	Sill Bracket
DRBKT	1	Door Bracket
CR3242-4-3	5	Cherry Max Rivet

-SECTION 3.0 PAPERWORK-

Perform paperwork (337 and logbook entries). Place Supplemental Type Certificate and *KNOTS 2U, LTD. MAINTENANCE MANUAL* with log books.

Weight and balance change = Negligible

-SECTION 4.0 MAINTENANCE MANUAL-  
KNOTS 2U, LTD.

BEECHCRAFT MODELS 55 / 56 WITH EXTENDED LUGGAGE DOOR  
LUGGAGE DOOR STRUT

PART A. INSPECTION.

1. During annual or 100 hour inspections, inspect attachment hardware and confirm strut pressure is sufficient to retain luggage door in open position.

PART B. MAINTENANCE.

1. If attachment hardware is found to be excessively worn or loose during the 100 hour/annual inspection, it should be replaced.
2. If the strut pressure is insufficient to hold door in an open position, it should be replaced.

PART C. CRACKING OR DEFECTS.

1. If a crack is found in the door area where brackets are attached, repair the crack according to FAR 43.13 1A, Acceptable Methods, Techniques, and Practices Aircraft Inspection and Repair, Chapter 2.

FAA APPROVED MODEL LIST (AML) NO. SA00899CH  
 KNOTS 2U, LTD.  
 FOR  
 INSTALLING PNEUMATIC STRUT

ISSUE DATE: 6/24/98

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		AFM SUPPLEMENT NUMBER/DATE	AML AMENDMENT DATE
					NUMBER	REVISION NO. & DATE		
1	Raytheon Aircraft Company (Beech)	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B	3A15	CAR 3	Beechcraft Models 33/35 "Knots 2U, Ltd. Luggage Door Strut Installation Manual"	1/1/98	N/A	N/A
2	Raytheon Aircraft Company (Beech)	95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, 56TC, A56TC	3A16	CAR 3	Beechcraft Models 55/56 "Knots 2U, Ltd. Luggage Door Strut Installation Manual"	1/1/98	N/A	N/A

FAA APPROVED: \_\_\_\_\_

*Gregory J. Michalik*  
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 Chicago Aircraft Certification Office

Reissued: 7/8/98