

1. SCOPE

1.1 Purpose.- The purpose of this specification is to authorize the use of reconditioned parts and provide reconditioning instructions for component parts of the 188660 and 804-188660 tail wheel installation as installed in aircraft received for overhaul and instructions for modifications required to adapt them for installation in Model C-45G aircraft in accordance with Drawing 644-188660 and C-45H and SNB-5 aircraft in accordance with Drawing 894-188660.

1.2 Application.- All reconditioning operations covered by this specification may be accomplished where required without further authorization. Repairs not authorized by this specification cannot be performed without further authorization.

1.3 List of Pages and Revisions.- This specification consists of the pages listed below. An asterisk (*) denotes the pages revised by the current revision.

<u>Page</u>	<u>Date</u>	<u>Description of Revision</u>	<u>Serial Effectivity</u>
1*	5-21-53	Incorporate SNB-5	
2*	5-21-53	Incorporate SNB-5	Record change
3*	5-21-53	Incorporate SNB-5	Record change
4*	5-21-53	Incorporate SNB-5	Record change

APPROVED:

[Signature]
Quality Control

WRITTEN BY <i>M. D. [Signature]</i>	DATE ISSUED 2-12-53	OVERHAUL SPECIFICATION TAIL WHEEL AND CONTROLS INSTALLATION - MODEL C-45G, C-45H, AND SNB-5		
PROJECT ENGINEER <i>[Signature]</i>	DATE REVISED 5-21-53			
APPROVAL <i>[Signature]</i>		Beech Aircraft CORPORATION Wichita 1, Kansas	OVERHAUL SPECIFICATION NO. 8011	PAGE 1

2. APPLICABLE PUBLICATIONS

2.1 Federal.-

QQ-P-416 Plating, Cadmium (Electro-Deposited)

2.2 Beech.-

FS 302 Finish Specification *
 FS 370A Finish Specification for Overhauled JRB-SNB Aircraft
 PS 2320 Finish Specification for Model C-45G and C-45H
 OS 7002 Chromadizing (Chrome Acid Dip)
 OS 7008 Cleaning Procedures for Reconditioned Aircraft
 OS 7010 General Acceptable Quality Standards
 OS 8012 Removing Corrosion from Aluminum Parts
 Tail Wheel Shock Absorber Assembly - Model
 C-45G, C-45H, SNB-5, and SNB-5P

3. REQUIREMENTS

3.1 Parts Involved.- For parts involved in addition to those covered by this specification, refer to the Overhaul Specification Listed Below:

OS 8012 Tail Wheel Shock Absorber Assembly - Model
 C-45G, C-45H, SNB-5, and SNB-5P

3.1.1 Parts Not Used.- All parts listed on Drawings 188660 and 804-188660, tail wheel and controls installations, will be disposed of at the direction of the customer except those parts listed in Paragraph 3.1.2 of this specification.

3.1.2 Parts to be Reconditioned.- The following parts are to be reconditioned in accordance with instructions contained herein. "Reconditioned" means the disassembly, cleaning, inspection and correction of discrepancies, repair and/or replacement of components, and modifications to incorporate changes in accordance with applicable engineering drawings to assure an operationally safe and serviceable aircraft.

185996 Link assembly (C-45G)
 188600 Absorber assembly

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PROJECT ENGINEER <i>[Signature]</i>	DATE REVISED 7-21-53			
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3.1.2 Parts to be Reconditioned.- (Continued)

188655	Clip
188657	Clip
188666	Support
188667	Bracket
188673	Strip
8123	Bushing
AN155-88	Barrel
AN155-328	Barrel
AN170-8RS	Eye
AN165-32RS	Eye

3.1.3 Parts to be Supplied New.- All parts called out on Drawing 894-188660 (SNB-5 and C-45H) and 644-188660 (C-45G), tail wheel and controls installation, will be supplied new except those parts listed in Paragraph 3.1.2 of this specification.

NOTE: The 404-188612 shock absorber assembly will be made from 188600 shock absorber assembly and will not be supplied new.

The 404-185995 turnbuckle assembly will be new except for the 185996 link assembly.

3.2 Cause for Rejection.- Damage or wear which cannot be corrected by one or more of the authorized repairs listed in Paragraph 3.4 of this specification is cause for rejection.

3.3 Reconditioning Operations:

3.3.1 Clip 188655 and 188657.-

- (a) Inspect for nonrepairable conditions.
- (b) Clean in accordance with OS 7002.
- (c) Remove corrosion in accordance with OS 7010.
- (d) Repair as necessary as authorized in Paragraph 3.4 of this specification.
- (e) Strip and paint in accordance with FS 370A or FS 302 as applicable.

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PROJECT ENGINEER <i>[Signature]</i>	DATE REVISED 3-21-53			
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3.3.2 Bracket 188667 and Strip 188673.-

- (a) Inspect for nonrepairable conditions.
- (b) Clean in accordance with OS 7002.
- (c) Remove corrosion in accordance with OS 7010.
- (d) Repair as necessary as authorized in Paragraph 3.4 of this specification.
- (e) Chromadize in accordance with FS 2320.
- (f) Paint bracket and prime strip in accordance with FS 370A or FS 302 as applicable.

3.3.3 Link Assembly 185996 and Support 188666.-

- (a) Inspect for nonrepairable conditions.
- (b) Clean in accordance with OS 7002.
- (c) Recadmium plate in accordance with Specification QQ-P-416.

3.3.4 Barrels AN155-8S and AN155-32S; Eye AN170-8RS and AN170-32RS; and Bushing S123.-

- (a) Inspect for nonrepairable conditions.
- (b) Clean in accordance with OS 7002.

3.4 Authorized Repairs:

3.4.1 Clips 188655 and 188657; Bracket 188667; and Strip 188673.-

- (a) Remove dents and straighten parts in accordance with shop practice.

4. INSPECTION

4.1 General.- The parts will be inspected to the general acceptable quality standards of Overhaul Specification 7008.

WRITTEN BY <i>M. D. Davis</i>	DATE ISSUED 2-12-53	OVERHAUL SPECIFICATION TAIL WHEEL AND CONTROLS INSTALLATION MODEL C-45G, C-45H, AND SNB-5		
PROJECT ENGINEER <i>[Signature]</i>	DATE REVISED 5-21-53			
APPROVAL <i>[Signature]</i>		Beech Aircraft CORPORATION Wichita, Kansas	OVERHAUL SPECIFICATION NO 8011	PAGE 4