

2. APPLICABLE PUBLICATIONS

2.1 Specifications:

2.1.1 Federal.-

QQ-P-416 Cadmium Plating

2.1.2 Beech.-

FS 302 Finish Specification for Overhauled Navy JRB-SNB Aircraft

FS 370A Finish Specification for C-45G and C-45H Aircraft

OS 5211 Tab System for Model C-45G and C-45H Aircraft

OS 5212 Tab System for Model SNB-5 Aircraft

OS 7002 Cleaning Procedures for Reconditioned Aircraft

OS 7003 Air Frame and Control Antifriction Bearings

OS 7007 Sheet Metal Repairs

OS 7008 General Acceptable Quality Standards

OS 7010 Removing Corrosion from Aluminum Parts

3. REQUIREMENTS

3.1 Parts Involved.- For parts involved in addition to those covered by this specification, refer to the overhaul specifications listed below.

OS 5211 Tab System for Model C-45G and C-45H Aircraft

OS 5212 Tab System for Model SNB-5 Aircraft

3.1.1 Parts Not Used.- The parts listed below will not be re-used on the Model C-45G, C-45H, and SNB-5 and will be disposed of at the direction of the customer.

WRITTEN BY <i>M. D. Davis</i>	DATE ISSUED 2-21-53	OVERHAUL SPECIFICATION	
PROJECT ENGINEER <i>[Signature]</i>		RUDDER ASSEMBLY - MODEL C-45G, C-45H, AND SNB-5	
APPROVED <i>[Signature]</i>	DATE REVISED 5-6-53	Beech Aircraft CORPORATION Wichita 1, Kansas	OVERHAUL SPECIFICATION no. 6301
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3.1.1 Parts Not Used. - (Continued)

186353	Tab hinge wire cover
186350-2	Left hand rudder cover
186350-3	Right hand rudder cover
186351	Reinforcement
186352	Cover
186177	Reinforcement
186176	Cover
186178	Reinforcement
186250-14	Tab hinge pin

3.1.2 Parts to be Reconditioned. - The following parts are to be reconditioned in accordance with the 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.

186250	Left hand rudder assembly
186250	Right hand rudder assembly

3.1.3 Parts to be Supplied New. - The parts listed below in addition to all parts called out on Drawing 694-186350 or 186350 covered rudder assembly will be supplied new except those parts listed in Paragraph 3.1.2 of this specification.

186250-14	Tab hinge pin
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3.2 Cause for Rejection. - The conditions listed below and 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.

- (a) Scrap all rudder tabs which have unserviceable 186272-3 hinges, broken tab horns, or require patching.

3.3 Reconditioning Operations:

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3.3.1 Left and Right Hand Rudder Assembly 186250.-

- (a) Inspect for nonrepairable conditions.
- (b) Clean in accordance with OS 7002.
- (c) Recondition AN200K3-L bearing in rudder tab horn in accordance with OS 7003.
- (d) Remove corrosion in accordance with OS 7010.
- (e) Repair as authorized herein.
- (f) Install new 186250-14 tab hinge pin.
- (g) Finish in accordance with FS 370A or FS 302 as applicable.
- (h) Install new cover in accordance with Drawing 694-186350.
- (i) Install new cover in accordance with Drawing 186350 (Navy).

3.4 Authorized Repairs:

3.4.1 Left and Right Hand Rudder Assembly 186250.-

- (a) Make repairs to ribs, spars and trailing edge in accordance with OS 7007.
- (b) Replace unserviceable 186275, 186274 and 186273 rudder tab hinge reinforcements.
- (c) Replace unserviceable AN 200K3-L bearings in rudder tab horn assembly.
- (d) Replace damaged 186272-2 rudder tab hinges.

4. INSPECTION

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

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