

1. SCOPE

1.1 Purpose.- The purpose of this specification is to authorize the use of reconditioned parts and provide reconditioning instructions for T-7, T-7C, UC-45B, C-45F, and T-11 aircraft and instructions for modifications required to convert them to Model C-45G aircraft in accordance with Drawing 694-180000, Model C-45G Airplane General Assembly and Contract AF33(600)-17777. Instructions are also included for the preservation and handling of these aircraft while in the custody of Beech Aircraft Corporation.

1.2 Application.- All reconditioning operations, repairs, preservation methods and procedures covered by the specifications listed under Section 3 of this specification may be accomplished when required without further authorization. Repairs, preservation methods and procedures not authorized by these specifications cannot be performed without further authorization.

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

<u>Page</u>	<u>Date</u>	<u>Description of Revision</u>	<u>Serial Effectivity</u>
1	6-2-53		
2	6-2-53		
3	6-2-53		
4	6-2-53		
5	6-2-53		

APPROVED:

*J. H. Bush*  
 USAF Quality Control

#43

WRITTEN BY <i>L. M. Fougere</i>	DATE ISSUED 6-2-53	OVERHAUL SPECIFICATION GENERAL - MODEL C-45G	
PROJECT ENGINEER <i>[Signature]</i>	DATE REVISED	Beech Aircraft CORPORATION Wichita, Kansas	OVERHAUL SPECIFICATION NO. 0001
APPROVAL <i>[Signature]</i>			PAGE 1

2. APPLICABLE PUBLICATIONS

2.1 All publications listed in Section 3 of this specification are applicable to the Model C-45G reconditioned airplanes.

3. REQUIREMENTS

3.1 General. - Component parts and assemblies of T-7, T-7C, UC-45B, C-45F and T-11 aircraft are to be processed and reconditioned in accordance with the Overhaul Specifications listed below and Drawing 694-180000, Model C-45G Airplane General Assembly. "Reconditioned" means the disassembly, cleaning, inspection, and correction of discrepancies, repair and/or replacement of components and modifications to incorporate changes in accordance with the applicable engineering drawings to assure an operationally safe and serviceable aircraft.

<u>NUMBER</u>	<u>TITLE</u>
OS 1001	Wing Installation - Model C-45G and C-45H
OS 1301	Aileron Assembly 181350 - Model C-45G and C-45H
OS 1601	Flap System - Model C-45G and C-45H
OS 1610	Wing Flap Mechanism - Model C-45G and C-45H
OS 1611	Flap Motor and Mechanism Assembly - Model C-45G and C-45H
OS 3201	Instruments - Model C-45G and C-45H
OS 3401	Radio System - Model C-45G and C-45H
OS 3410	Radio Compass and Related Equipment - Model C-45G, C-45H, and SNB-5
OS 3411	Interphone Jack Box Assembly - Model C-45G and C-45H
OS 3412	Inverters - Model C-45G, C-45H, and SNB-5
OS 3601	Electrical System - Model C-45G and C-45H
OS 3610	Electrically Retractable Landing Light - Model C-45G, C-45H, SNB-5, and SNB-5P
OS 3611	Induction Vibrator - Model C-45G and C-45H
OS 3612	Oil Dilution Solenoid Valve - Model C-45G and C-45H
OS 3613	Dynamic Braking Contactor - Model C-45G, C-45H, and SNB-5
OS 3614	Voltage Regulators - Model C-45G and C-45H

WRITTEN BY <i>E. M. August</i>	DATE ISSUED 6-2-53	<b>OVERHAUL SPECIFICATION</b> GENERAL - MODEL C-45G		
PROJECT ENGINEER				
APPROVAL <i>[Signature]</i>	DATE REVISED	Deush Aircraft CORPORATION Wichita 1, Kansas	OVERHAUL SPECIFICATION	PAGE
APPROVAL <i>[Signature]</i>			NO. 0001	2

3.1 General.- (Continued)

<u>NUMBER</u>	<u>TITLE</u>
OS 3615	Generator Control Relay Switch - Model C-45G, C-45H, SNB-5, and SNB-5P
OS 4001	Fuselage Assembly - Model C-45G and C-45H
OS 4010	Nose Baggage, Cabin and Bulkhead Doors, Model C-45G and C-45H
OS 4011	Center Section Assembly - Model C-45G and C-45H
OS 5201	Flight Control System - Model C-45G and C-45H
OS 5210	Control Column and Torque Shaft Assembly - Model C-45G and C-45H
OS 5211	Trim Tab Systems - Model C-45G and C-45H
OS 5212	Gyro Pilot System - Model C-45G
OS 5213	Gyro Pilot Pump Installation - Model C-45G
OS 5214	Gyro Pilot Sump Installation - Model C-45G
OS 5301	Furnishings Installation - Model C-45G and C-45H
OS 5310	Floor Board Installations - Model C-45G and C-45H
OS 5501	Heating and Ventilating System - Model C-45G and C-45H
OS 5710	Fire Extinguisher System - Model C-45G
OS 5711	Deicing System - Model C-45G and C-45H
OS 5712	Oxygen System - Model C-45G
OS 6001	Empennage Assembly - Model C-45G and C-45H
OS 6101	Elevator Assembly 84-186175 - Model C-45G and C-45H
OS 6301	Rudder Assembly 186350 - Model C-45G and C-45H
OS 6401	Vertical Stabiliser 186200 - Model C-45G and C-45H
OS 7002	Cleaning Procedures for Reconditioned Aircraft
OS 7003	Air Frame and Control Antifriction Bearings
OS 7004	Preservation and Storage of Reciprocating Aircraft Engines
OS 7005	Pre-oiling and Ground Operation of Aircraft Engines
OS 7006	Ground Handling, Parking and Preservation of Aircraft
OS 7007	Sheet Metal Repairs
OS 7008	General Acceptable Quality Standards

WRITTEN BY <i>L. M. Fugant</i>	DATE ISSUED 6-2-53	<b>OVERHAUL SPECIFICATION</b> GENERAL - MODEL C-45G		
PROJECT ENGINEER <i>[Signature]</i>	DATE REVISED			
APPROVED <i>[Signature]</i>				

3.1 General (Continued)

<u>NUMBER</u>	<u>TITLE</u>
OS 7009	Preservation and Shipping of Propellers
OS 7010	Removing Corrosion from Aluminum Parts
OS 7011	Removing Slushing Compounds
OS 7012	Instrument Cleaning
OS 8001	Landing Gear System - Model C-45G, C-45H, and SNB-5
OS 8010	Landing Gear Doors Installation - Model C-45G, C-45H, and SNB-5
OS 8011	Tail Wheel and Controls Installation - Model C-45G, C-45H, and SNB-5
OS 8012	Tail Wheel Shock Absorber Assembly - Model C-45G, C-45H, SNB-5, and SNB-5P
OS 8013	Landing Gear Retracting Mechanism Installation - Model C-45G, C-45H, SNB-5, and SNB-5P
OS 8014	Landing Gear Retracting Mechanism Assembly - Model C-45G, C-45H, SNB-5, and SNB-5P
OS 8015	Landing Gear Overload Clutch Assembly - Model C-45G, C-45H, SNB-5; and SNB-5P
OS 8016	Landing Gear Motor Assembly - Model C-45G; C-45H, SNB-5, and SNB-5P
OS 8017	Landing Gear Motor - Model C-45G, C-45H, SNB-5, and SNB-5P
OS 9001	Power Plant Group - Model C-45G, and C-45H
OS 9108	Power Plant Installation - Model C-45G and C-45H
OS 9110	Basic Engine - Model C-45G
OS 9111	Engine Starter Type J-1 - Model C-45G and C-45H
OS 9112	Engine Driven Fuel Pumps - Model C-45G, C-45H, and SNB-5
OS 9113	Engine Driven Vacuum Pump Type B-12 - Model C-45G, C-45H, and SNB-5
OS 9114	Generator Type M-3 - Model C-45G, C-45H, and SNB-5
OS 9115	Tachometer Generator Type E-9 - Model C-45G and C-45H
OS 9201	Fuel System - Model C-45G and C-45H
OS 9210	Fuel Tanks - Model C-45G, C-45H, and SNB-5

WRITTEN BY <i>W. M. August</i>	DATE ISSUED 6-2-53	<b>OVERHAUL SPECIFICATION</b> GENERAL - MODEL C-45G		
PROJECT ENGINEER				
APPROVAL <i>[Signature]</i>	DATE REVISED	Boech Aircraft CORPORATION Wichita 1, Kansas	OVERHAUL SPECIFICATION	PAGE
APPROVAL <i>[Signature]</i>			NO. 0001	4

3.1 General.- (Continued)

<u>NUMBER</u>	<u>TITLE</u>
OS 9301	Engine Oil System - Model C-45G and C-45H
OS 9310	Oil Tanks - Model C-45G, C-45H, and SNB-5
OS 9311	Oil Radiator and Oil Radiator Air Duct Installation - Model C-45G, C-45H, SNB-5, and SNB-5P
OS 9401	Engine Control System - Model C-45G and C-45H
OS 9501	Exhaust System, Shroud, and Intensifier Tube Air Intake - Model C-45G and C-45H
OS 9710	Carburetor Air System - Model C-45G and C-45H
OS 9711	Vacuum System - Model C-45G and C-45H
OS 9810	Engine Cowling - Model C-45G, C-45H, and SNB-5
OS 9811	Inner Cowl, Baffles, and Engine Seals - Model C-45G and C-45H

WRITTEN BY <i>R. M. Fauguet</i>	DATE ISSUED 6-2-53	<b>OVERHAUL SPECIFICATION</b> GENERAL - MODEL C-45G		
PROJECT ENGINEER <i>[Signature]</i>	DATE REVISED			
APPROVAL <i>[Signature]</i>		<b>Boeck Aircraft CORPORATION</b> Wichita 1, Kansas	OVERHAUL/SPECIFICATION NO. 0001	PAGE 5

