

Beech Aircraft Corporation
Wichita, Kansas

SPEC. NO. **FB 579A**

SPECIFICATION

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FINISH SPECIFICATION FOR MODELS C-45B AND TC-45B

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3-5-51	3-6-52	<i>J. Blochman</i>	<i>H. H. [unclear]</i>	<i>Newman</i> 6-2-51	<i>Johnson</i> 6-7-51

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1. SCOPE

1.1 Purpose.-- This specification supplements Standard Finish Specification FB 361 and the engineering drawings for the airplane by giving information necessary for the manufacture of the airplane or its spare parts too general to appear as a note on a drawing. Unless a particular protective coating specified herein is called for on the drawings or in detail specifications thereof, this specification shall not apply to such items of equipment as purchased equipment, instruments, power plant parts (fuel and oil line fittings, valves, etc.), and hydraulic system parts which operate in or are surrounded by the hydraulic fluid. Beech Specification FB 361 is applicable without revision for use on the C-450 and TC-450 airplanes.

1.2 Materials.-- All materials and compounds shall be equivalent in quality to United States Air Force, United States Army, and Bureau of Aeronautics standards, with the exceptions stated herein. All finishing materials, substitutions, or equivalents shall be approved by the Engineering Department.

1.3 Workmanship.-- Workmanship shall be in accordance with high grade commercial practices.

1.4 Precedence.-- Should any conflict exist between the requirements of the Beech specifications listed in Section 2 or any Beech drawing and this specification, the requirements of the Beech drawing or the specification listed in Section 2 of this specification shall take precedence. For example, Beech Specification BS 389, Specification for Bonding and Shielding on Beechcraft All-Metal Airplanes, referenced in Section 2, which requires removal of protective and paint coatings on metal surfaces to be bonded takes precedence over this specification which requires that all metal surfaces be given protective and paint coatings.

1.5 Definitions:

1.5.1 Aluminum Lacquer.-- Material referred to in this specification as aluminum lacquer shall consist of 8 ounces of Specification TT-A-468, Aluminum-Pigment; Powder and Paste for Paint, and 1 gallon of Specification MIL-L-7178, Lacquer; Cellulose Nitrate, Gloss, for Aircraft Use.

1.5.2 Primer.-- Material referred to in this specification as primer shall conform to Specification MIL-P-6889, Primer; Zinc Chromate, for Aircraft Use.

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1.5.3 Wood Seal (Spar Varnish).- Material referred to in this specification as wood seal shall conform to Specification MIL-V-6893, Varnish; Phenolformaldehyde Spar; Specification MIL-V-6894, Varnish; Spar, Glyceryl-Phthalate; or Specification ST-V-121, Varnish; Spar, Water Resisting.

1.5.4 Flock.- Material referred to in this specification as flock shall be Cellusuede Products (of Rockford, Illinois) Black No. 19, 1/16-inch fiber or equivalent.

1.5.5 Upholstery Leather.- Upholstery leather shall conform to Specification HK-L-291, Leather; Upholstery, Grade A, Class 1, Type 1.

1.5.6 Quilted Soundproofing Blankets.- Quilted soundproofing blankets shall be the H. I. Thompson Company quilted fiberglass, insulating and soundproofing, 1/4-inch thick fabric in Shade 613 of ANA Bulletin 157, Munsell No. 5Y 3.5/2, or equivalent. The Air Force stock number for this item is 7100-379150.

1.5.7 Black Baking Enamel.- Material referred to in this specification as black baking enamel shall conform to Specification MIL-B-5557, Enamel; Heat-Resisting, Glyceryl-Phthalate, Black.

1.5.8 Clear Lacquer.- Material referred to in this specification as clear lacquer shall conform to Specification MIL-L-7178, Lacquer; Cellulose Nitrate, Gloss, for Aircraft Use.

1.5.9 Paint Colors:

1.5.9.1 Insignia Red.- Color referred to in this specification as insignia red shall be Shade 509 of ANA Bulletin 166, Munsell 5R 4/12.

1.5.9.2 Orange Yellow.- Color referred to in this specification as orange yellow shall be Shade 506 of ANA Bulletin 166, Munsell 1.5Y 7.5/12.

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1.5.9.3 **Black.**- Color referred to in this specification as black shall be Shade 515 of ANA Bulletin 166, Nunsell N 1/0. Color referred to in this specification as nonspecular black shall be Shade 604 of ANA Bulletin 157, Nunsell N 1/0.

2. APPLICABLE SPECIFICATIONS, DRAWINGS, AND OTHER PUBLICATIONS

2.1 Specifications:

2.1.1 Beech:

FS 120	Specification for Identification of Plumbing Cover and Finish Specification for Fabric Control Surfaces
CS 145	
FS 201	Specification for the Use, Characteristics, and Application of Glues, Cements, and Sealers
FS 284	General Specification for Sound Deadener
FS 361	Standard Finish Specification
FS 389	Specification for Bonding and Shielding on Beechcraft All-Metal Airplanes

2.1.2 Federal:

KK-L-291	Leather, Upholstery
TT-A-468	Aluminum-Pigment; Powder and Paste, For Paint
TT-L-54	Lacquer; Spraying, Acid-Resistant (For Aluminum Surfaces Around Storage Batteries)
TT-V-121	Varnish, Spar, Water-Resisting

2.1.3 Military:

MIL-P-3038	Protective Coating; Plastic, Stripping (Sprayable)
MIL-E-5556	Enamel; Camouflage, Quick Drying
MIL-E-5557	Enamel; Heat-Resisting, Glyceryl-Fthalate, Black
MIL-I-5585	Installation of Low Pressure Oxygen Equipment in Aircraft, General Specification For

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2.1.3 Military: (Continued)

MIL-C-5643	Cloth; Cellulose Nitrate Predoped Airplane
MIL-L-6047	Lacquer; Aromatic Fuel-Resistant
MIL-D-6708	Compound; Exterior-Surface, Hard-Film, Corrosion-Preventive
MIL-L-6805	Lacquer; Camouflage
MIL-P-6889	Primer; Zinc Chromate, for Aircraft Use
MIL-V-6893	Varnish, Phenol-Formaldehyde Spar
MIL-V-6894	Varnish, Spar Glyceryl Phthalate
MIL-L-7178	Lacquer; Cellulose Nitrate, Gloss, For Aircraft Use
MIL-E-7729	Enamel; Gloss, For Aircraft Use
MIL-F-7179	Finishes and Coatings; General Specification for Protection of Aircraft and Aircraft Parts

2.2 Drawings:

2.2.1 Beech:

694-180010	Insignia and Markings - C-45G
694-183810	Markings - Air Force Instrument
694-189655	Piping Installation - Anti-Icer
108443	Placard - Identification and Modification
112744	Placard - Inspection Door
112745	Placard - Ground Here

2.2.2 Air Force-Navy Aeronautical:

AN470	Rivet - Universal Head Aluminum Alloy
AN530	Screw - Sheet Metal Round Head
AN535	Screw - Round Head Drive

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2.3 Other Publications:

2.3.1 Beech Process Standard:

1004	Reconditioning of Metal Surfaces of Airplanes
1115	Removing Corrosion from Aluminum Metal Parts
1148	Acid Brightening Aluminum and Aluminum-Alloy Surfaces of Parts and Assemblies
1413	Service Cleaning - Oxygen System Tubing and Fittings
1414	Service Cleaning - Cylinders, Low Pressure, Breathing Oxygen
2451	Blushing Fuel Tanks
3323	Cement and Sealer Application Requirements for Model 18

2.3.2 Air Force-Navy Aeronautical Bulletin:

ANA Bulletin 157	Colors; List of Standard Aircraft Camouflage
ANA Bulletin 166	Colors; List of Standard Aircraft Glossy

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3.1 Cleaning.- Clean all applicable surfaces in accordance with Beech Process Standard 1004. Remove all paint from exterior surfaces. Remove all loose and scaly paint from interior surfaces. Clean all oxygen system tubing and fittings in accordance with Beech Process Standard 1413 and all low pressure oxygen cylinders in accordance with 1414.

3.2 Brightening.- Brighten all applicable surfaces immediately after cleaning in accordance with Beech Process Standard 1148. The brightening operation will facilitate the examination of the surfaces for corrosion. If corrosion is present, treat the surfaces in accordance with Beech Process Standard 1115.

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3.3 Protective Treatments:

3.3.1 Flexible Cable.- Dip all flexible cables not specified to be corrosion resistant steel in MIL-C-6708 corrosion-preventive compound.

3.3.2 Battery Box.- Give the battery box support assembly and all metal surfaces in the battery compartment including the plumbing one coat of primer and two coats of TT-L-54, lacquer.

3.3.3 Wood Surfaces.- Give wood surfaces two coats of wood sealer prior to any finish coat. Wood seal may be omitted on nonstructural parts where the seal may adversely affect subsequent fabrication.

3.3.3.1 Navigation Table Tops.- Seal navigation table tops by dipping in wood seal conforming to MIL-V-6893, MIL-V-6894, or TT-V-121. Let dry and sand lightly to produce a smooth surface. Spray two coats of sanding sealer and let dry. Sand lightly to smoothness. Spray with one coat of clear lacquer. This applies to the Model TC-45G only.

3.3.4 Metal Surfaces Susceptible to Mud Splashing.- Give the wheel wells, the interior surfaces of the landing gear doors, and the surfaces inside of the leading edge of the wing stub which are susceptible to mud splashing, spray, etc., one coat of primer and two coats of aluminum lacquer.

3.3.5 Fuel Tanks:

3.3.5.1 Exterior.- Give the exterior of the fuel tanks one coat of primer and one coat of aluminum lacquer.

3.3.5.2 Interior.- Slush the interior of the fuel tanks with MIL-L-6047 lacquer in accordance with Beech Process Standard 245I.

3.3.6 Lightning Holes.- Cover the lightning holes specified below with predoped MIL-C-5643 cloth, Type II, cemented in place with Minnesota Mining and Manufacturing Company EC-870 cement in accordance with Beech Specification PS 201.

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3.3.6 Lightening Holes.- (Continued)

- (a) All holes in the rear spar of each wing.
- (b) All openings in the root rib of each outboard wing ahead of the rear nacelle bulkhead.
- (c) All holes in the No. 2 rib ahead of the rear nacelle bulkhead.
- (d) All holes in the rear nacelle bulkhead.
- (e) All holes in the bulkhead in front of the main fuel tank except the bottom inboard hole.
- (f) All holes in the rear spar of the fin.
- (g) All holes in the floor channels.
- (h) The holes in the ribs on both sides of the tab control and stringer cutouts in the elevator.

3.3.7 Rubber Seals.- Treat all rubber seals around doors, windows, etc., with one coat of a solution of two parts water and one part Oakite No. 6 thoroughly dissolved. Apply the solution to the surface that is to come in contact with metal or another rubber surface. Purchase Oakite No. 6 from the Oakite Products Incorporated.

3.3.8 Supports.- Use supports for gas and oil tanks which consist of felt in a fabric cover, impregnated with wood seal or TT-L-54 lacquer.

3.3.9 Mild Steel.- Give mild steel parts one coat of primer and finish with black baking enamel.

3.3.10 Retractable Landing Light.- Spray the entire motor and gear housing with two coats of MIL-P-3038 cold spray plastic protective stripping compound.

3.4 Sealing and Caulking.- Apply cements and sealers in accordance with Beech Process Standard 3323.

3.5 Sound Deadener.- Apply Minnesota Mining and Manufacturing Company EC-1034 in accordance with Beech Process Specification PS 201 at the locations given in Beech Process Specification PS 284.

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3.6 Drain Holes.- Provide 1/8-inch drain holes where moisture might collect in accordance with the applicable drawings. Drill 1/8-inch drain holes in all electrical and electronic junction and control boxes.

3.7 Paint Coatings.- In general, prime metal surfaces which are to be painted. Enamels shall be equivalent to MIL-E-7729 gloss enamel or MIL-E-5556, camouflage enamel. Lacquers shall be equivalent to MIL-L-7178 gloss lacquer or MIL-L-6805 camouflage lacquer.

Keep the following free of paint:

- (a) Engine controls
- (b) Flight control cables and chains
- (c) Electrical wiring (unless otherwise noted as a specific requirement)
- (d) Rubber and rubber-like surfaces
- (e) Plumbing, except the oxygen system plumbing. Paint the oxygen system plumbing in the cockpit and cabin the same as the adjacent trim color.

3.7.1 Exterior Surfaces:

3.7.1.1 Metal.- Leave the exterior metal surfaces unpainted except for the insignia and markings which are described in Sections 3.9 and 3.10 of this specification, and except for the following.

- (a) Paint the area aft of the exhaust pipe (determined by shop pattern) with one coat of primer and two coats of aluminum lacquer.
- (b) Paint the antiglare areas described in Beech Drawing 694-180010 with one coat of primer and two coats of black MIL-L-6805 lacquer or MIL-E-5557 enamel.
- (c) Paint the wings, stabilizers, fins, cowls except wrapper sheets, cabin door, nose door, tail cone, and landing gear door with primer and aluminum lacquer.
- (d) Coat areas adjacent to the pilot's relief venturi with one spray coat of clear lacquer.

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3.7.1.1 Metal: (Continued)

- (e) Paint the top of the fuselage in front of the cockpit and the inside upper 1/4 of the engine cowling forward of the wing leading edge with MIL-L-6805 black lacquer.

3.7.1.2 Fabric:- Cover and finish the control surfaces in accordance with Beech Specification CS 145.

3.7.2 Interior Surfaces:- Prime all interior metal surfaces except those covered with sound deadener and the metal floor board molding and then give an additional finish coat as follows:

3.7.2.1 Cockpit:- Paint all metal surfaces except the deck nonspecular black. Flock the deck black.

3.7.2.2 Cabin and Lavatory:- Paint all metal surfaces dark green to match Shade 613 of ANA Bulletin 157, Munsell 5Y 3.5/2.

3.8 Upholstery and Furnishings:- Refer to applicable upholstery drawings for location of upholstery.

3.8.1 Leather:

3.8.1.1 Chair Cushions:- Use black leather for the pilot and copilot chair cushion covers. Use green, Lackavanna Leather Company H.C. 303, for the cabin chair cushion covers.

3.8.1.2 Grab Patches:- Use green, H.C. 303, for the cabin upholstery grab patches.

3.8.1.3 Cabin Windlace:- Use green, H.C. 303, for all cabin windlace,

3.8.2 Imitation Leather:- Use black imitation leather for the sides of the pilots' compartment and the No. 5 bulkhead apron.

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3.8.3 Quilted Soundproofing Blankets.- Soundproof the cabin interior with quilted soundproofing blankets in the locations given in Beech Process Specification PS 284.

3.8.4 Thread.- Use thread that matches the adjacent upholstery color scheme.

3.9 Insignia.- Apply the insignia as directed by Beech Drawing 694-180010 using MIL-L-6805 lacquer, MIL-E-5556 camouflage enamel, or MIL-E-7729 gloss enamel.

3.10 Markings:

3.10.1 Air Force Markings.- Apply the Air Force markings as directed by Beech Drawing 694-180010 using MIL-E-7729 gloss enamel, MIL-L-6805 camouflage lacquer, or MIL-E-5556 camouflage enamel.

3.10.2 Fabric Finish Code Markings.- Apply code markings shown below in 1/2- ± 1/8-inch letters using MIL-L-7178 black lacquer.

BE -- CND4 -- ASPND2 -- 3-1-52

Explanation of figures and symbols:

BE	Beech Aircraft Corporation
--	Two dashes for spacers
CND4	Clear nitrate dope, four coats
--	Two dashes for spacers
ASPND2	Aluminized semi-pigmented nitrate dope, two coats
--	Two dashes for spacers
3-1-52	Date of manufacture - Use date on which surface is finished.

3.10.2.1 Ailerons, Flaps, and Elevator Markings.- Apply code markings centrally located on the upper surface just forward of the trailing edge with the top of the letters and numerals forward.

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3.10.2.2 Rudder Markings.- Apply code markings centrally located on the inboard surface just aft of the hinge line with the top of the letters and numerals forward.

3.10.3 Piping and Plumbing Markings.- Mark pipes and plumbing in accordance with Beech Specification FS 120.

3.10.4 Instrument Markings.- Mark instruments in accordance with Beech Drawing 694-183810.

3.10.5 Stencils.- Direct screen process or stencil the markings in the color, size, and location specified in the following subparagraphs. Use decal and silk screen enamel only on unpainted surfaces. Use either decal and silk screen enamel or lacquer on painted surfaces; the material used must match the finish of the surface to be marked.

3.10.5.1 Black 1/4-Inch Letters:

USE ONLY FUEL CONFORMING TO SPECIFICATION MIL-F-5572 -- on underside of nose, front, and rear fuel tank lids adjacent to hinge and readable when lid is open.

USE ONLY OIL CONFORMING TO SPECIFICATION MIL-O-6082 -- on underside of oil tank lids adjacent to hinge and readable when lid is open.

3.10.5.2 White 1/4-Inch Letters:

CONTROL LOCK -- on upper face of control lock shaft.

3.10.5.3 Black 3/8-Inch Letters:

USE HEAVY DUTY TIRES -- on main landing gear fork.

HEAT TREATED -- on landing gear shock forks, V-braces, and rear legs, and on tail wheel fork.

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3.10.5.3 Black 3/8-Inch Letters: (Continued)

HEAT TREATED ASSEMBLY -- in conspicuous place on truss tubes.

JACK AND TOW -- above jack and tow lugs on landing gear fork with arrow pointing to lugs.

JACK -- on each side of fuselage near belly with arrow in line with center of rear jack points.

FUEL SUMP -- 4 inches outboard of fuel sump access doors with arrow pointing toward doors.

CAUTION: MAXIMUM SCREW LENGTH 5/16-INCH -- on rudder reduction pulley inspection door 13-1/2 inches aft of No. 5 bulkhead.

3.10.5.4 Black or White 3/8-Inch Letters: Apply the identification letters for the items shown below on all removable inspection doors in accordance with Beech Standard Drawing 112744 in the locations shown on Page 28 of this specification. Make identical markings on the aircraft structure adjacent to each door with both sets of markings on a horizontal plane with the top of the characters forward. Use black or white, whichever gives the best visibility.

Aileron	-	A
Cowling	-	C
Elevator	-	E
Fuselage	-	F
Horizontal stabilizer	-	HS
Nacelle	-	N
Rudder	-	R
Vertical stabilizer	-	VS
Wing	-	W

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	<i>J. D. Cochran</i>	<i>H. K. [Signature]</i>	<i>Hewman</i> 6-2-52	<i>[Signature]</i> 6-7-52

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FINISH SPECIFICATION FOR MODELS C-45G AND TC-45G

3.10.5.5 Black 1/2-Inch Letters:

KEEP SHOCKS FILLED WITH OIL
DO NOT GREASE SLIDE TUBE -- on main landing gear doors

CAUTION: DISCONNECT ELECTRICAL WIRING BEFORE REMOVING WING TIP -- on outer wing panel just inboard of tip.

3.10.5.6 Black 1/2-Inch Letters and 5/8-Inch Figures:

FUEL 78 GAL -- on front fuel tank lid

FUEL 25 GAL -- on rear fuel tank lid

FUEL 47 GAL -- on nose tank filler door

OIL 8 GAL -- on oil tank lids

LOW PRESSURE OXYGEN FILLER VALVE INSIDE -- on left side of airplane aft of cabin door near filler valve.

3.10.5.7 White 1/2-Inch Letters:

GROUND HERE -- around each fuel tank static ground receptacle as shown on Beech Standard Drawing 112745.

3.10.5.8 Black 7/16-Inch Letters:

EXTERNAL POWER --- on or near door for external power plug located in left nacelle
24-VOLT

3.10.5.9 Black 5/8-Inch Letters:

LEVEL -- on fore and aft and lateral level points

BATTERY -- on battery cover door
NO STEP

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	<i>J. Blocker</i>	<i>[Signature]</i>	<i>Keoman</i> C-2152	<i>[Signature]</i> 6-7-52

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FINISH SPECIFICATION FOR MODELS C-450 AND TC-450

3.10.5.9 Black 5/8-Inch Letters: (Continued)

HOIST -- near sock for lift lug

JACK PAD -- at jack pad location

MOOR -- at tie down lug

OIL -- on tail wheel oil access door

LIFT -- near lift position on tail

OIL -- near oil hole for flap screw

CAUTION DO NOT SPILL -- outboard of oil filler cap opening

DO NOT PUSH -- on upper surface of elevator on each side near trailing edge.

USE HEAVY DUTY TIRES -- on left side of fuselage adjacent to tail wheel
KEEP SHOCKS FILLED WITH OIL

91/96 OCTANE FUEL - SUITABLE FOR AROMATIC FUELS -- on outboard side of filler necks for main fuel tanks.

PUSH STRAP UP -- on fuselage skin on underside of nose immediately aft of nose door.

MAXIMUM BAGGAGE 600 LB -- on inside of nose baggage compartment door

3.10.5.10 Black Not Less Than 3/4-Inch or More Than 1-Inch Letters:

BATTERY LOCATION: LEADING EDGE OF EACH WING AT FUSELAGE -- on left side of fuselage approximately 24 inches above point at which trailing edge of wing meets fuselage.

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	<i>J. D. Lockman</i>	<i>A. H. [Signature]</i>	<i>Hevman</i> 6-7-52	<i>Adams</i> 6-7-52

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FINISH SPECIFICATION FOR MODELS C-45G AND TC-45G

3.10.5.11 Black 1-Inch Letters:

NO STEP -- on upper surface of flaps on 5-inch by 8-inch insignia red background aft of inboard corners.

DO NOT WALK ON WING -- on 3-1/2 inch by 29-inch insignia red background in front of forward gas tank covers and aft of rear gas tank covers.

3.10.6 Miscellaneous Markings:

3.10.6.1 Power Plant Controls.- Paint the handles of the tank selector valves, fire extinguisher control panel, and the cross-feed valve with MIL-L-7178 insignia red lacquer.

3.10.6.2 Oleo Pistons.- Paint an insignia red band not less than 1/8-inch nor more than 1/4-inch wide on the oleo pistons at the fully deflected position with MIL-E-7729 enamel.

3.10.6.3 Emergency Exit Handles.- Paint the cabin door emergency release handle, the inside cabin door handle, the emergency exit door handle, and the astro dome release handle with MIL-L-7178 orange-yellow lacquer.

3.10.6.4 Fire Extinguisher.- Paint a 5- by 12-inch background for the fire extinguisher on the No. 5 bulkhead with MIL-L-7178 insignia red lacquer.

3.10.6.5 Tires and Wheel Rims.- Paint a 1-inch wide by 2-inch long mark across the outboard side of the tire sidewall and wheel rim to extend 1 inch on the tire sidewall and 1 inch on the wheel rim with MIL-L-7178 insignia red lacquer. This requirement is not applicable to tail wheels.

3.10.6.6 Automatic Pilot Controls.- Paint the automatic pilot valve handle with MIL-L-7178 black lacquer. Paint the emergency vacuum valve and the emergency hydraulic valve handles with MIL-L-7178 insignia red lacquer.

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	J. H. Lockman	[Signature]	Heymann 6-2-51	Adams 6-7-52

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3.10.6.7 Control Lock Assembly and Landing Gear Clutch Cover.- Paint the control lock assembly and the landing gear clutch cover and handcrank with MIL-E-7729 insignia red enamel.

3.10.6.8 Anti-Icer Rheostat Control.- Paint the pointer of the anti-icer rheostat control with MIL-L-7178 orange-yellow lacquer. Paint a strip 1/4-inch wide by 3/8-inch long across the arch of the anti-icing placard with MIL-L-7178 orange-yellow lacquer at a location determined for each installation in accordance with Beech Drawing 694-189655.

3.10.6.9 Main Fuel Tank Filler Access Door.- Paint a solid insignia red band approximately 3/8-inch wide bordering the filler access door on each main fuel tank with decal or silk screen enamel. If application to the wing surface is impractical, apply to both sides of the access door.

3.10.7 Placards.- Mark the major assemblies listed in Paragraph 3.10.7.2 by attaching an identification plate, Beech Standard Part No. 108443, at the location specified. Fill out this plate as follows:

NOTE: Fill in all blanks except date.

EXAMPLE:

SER. NO.	(serial number of part)	DEL. DATE	
ENG. OR PART NO.	(applicable part number)		
CONT. NO.	(applicable contract number)		
MODEL	(stamp applicable model number)		
MODIFICATION INC.	(service bulletins and technical orders or Air Force changes)		
	INSP.	(inspection stamp no.)	

NOTE: Serial number of part for the placard on the fuselage shall be the Beech serial number of the airplane.

Small changes in location shall not be considered grounds for rejection provided the plate is visible and attached in a manner not to obstruct or be obstructed or interfere with any other part. Where practicable, attach plates to structural members which will not be deformed by incorporation of subsequent modification data.

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	<i>J. D. Cochran</i>	<i>H. K. [Signature]</i>	<i>Heloman</i> 6-2-52	<i>[Signature]</i> 6-7-52

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FINISH SPECIFICATION FOR MODELS C-450 AND TC-450

3.10.7.1 Manner Attaching.- Attach as indicated in Paragraph 3.10.7.2 by the number in the column headed "Attachment". These numbers refer directly to the following methods:

1. Attach plate with aluminum rivets, AN470-3-4 or equivalent.
2. Attach plate with a sheet metal screws, AN530-2-4 or equivalent.
3. Attach plate with a drive screws, AN535-00-4 or equivalent.

NOTE: Locate and drill necessary attaching holes on assembly.

3.10.7.2 Parts To Be Placarded.- When parts indicated have rights and lefts, such as aileron, mark both.

<u>PART NAME</u>	<u>LOCATION OF PLATE</u>	<u>ATTACHMENT</u>
Rudder - uncovered	On 186252-18 diagonal rib visible through access hole.	(1) - 2 reqd
Rudder - covered	On outboard side on 186265 and -3 at upper hinge location.	(2) - 4 reqd
Elevator - uncovered	On 186143-3 visible through inspection door.	(1) - 2 reqd
Elevator - covered	On 186158-1 just forward of elevator tab drive inspection door.	(2) - 4 reqd
Stabilizer	On skin between skin line and rudder pulley inspection door in line with center of inspection door.	(1) - 2 reqd
Wing tip	On 18150-9 approximately 4 inches from inboard end between lightening holes.	(1) - 2 reqd

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	<i>J. D. Cochran</i>	<i>H. K. [Signature]</i>	<i>Hellman</i> 6-2-52	<i>Adams</i> 6-7-52

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FINISH SPECIFICATION FOR MODELS C-45G AND TC-45G

<u>PART NAME</u>	<u>LOCATION OF PLATE</u>	<u>ATTACHMENT</u>
Fuselage	On No. 9 bulkhead approximately 43" from floor and approximately 8" from right side.	(1) - 4 reqd
Wing	On skin approximately 3" forward of bell crank inspection door in line with CL of inspection door.	(1) - 2 reqd
Aileron - uncovered	On 18132-3 approximately 4" from trailing edge.	(1) - 2 reqd
Aileron - covered	On 18132-1 approximately 4-1/2" from trailing edge.	(2) - 4 reqd
Flap - uncovered	On 18161-3 approximately 5" from trailing edge.	(1) - 2 reqd
Flap - covered	On 18161-1 approximately 5" from trailing edge.	(2) - 4 reqd
Cowling - lower	On inboard side approximately 7" forward of cutout for cowl flaps and approximately 1" from edge.	(1) - 2 reqd
Cowling - upper	On inboard side approximately 13-1/2" from trailing edge of cowl and 1" from edge.	(1) - 2 reqd
Truss	On 184200-10 visible from inside of nacelle. Form to match contour of -10 tube. (Right side).	(3) - 4 reqd
Engine mount	Approximately 2-1/4" from ring on top side of -7 tube.	(3) - 4 reqd
Landing gear assembly	On back side of V-Brace tube (404-188409-2) approximately 3" from top.	(3) - 2 reqd

3.11 Final Exterior Surface Treatment. - Treat all bare metal surfaces with acid brightener in accordance with Beech Process Standard 1148.

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	<i>J. A. Lockman</i>	<i>[Signature]</i>	<i>Hewman</i> (6-2-52)	<i>[Signature]</i> 6-7-52

Beech Aircraft Corporation

Wichita, Kansas

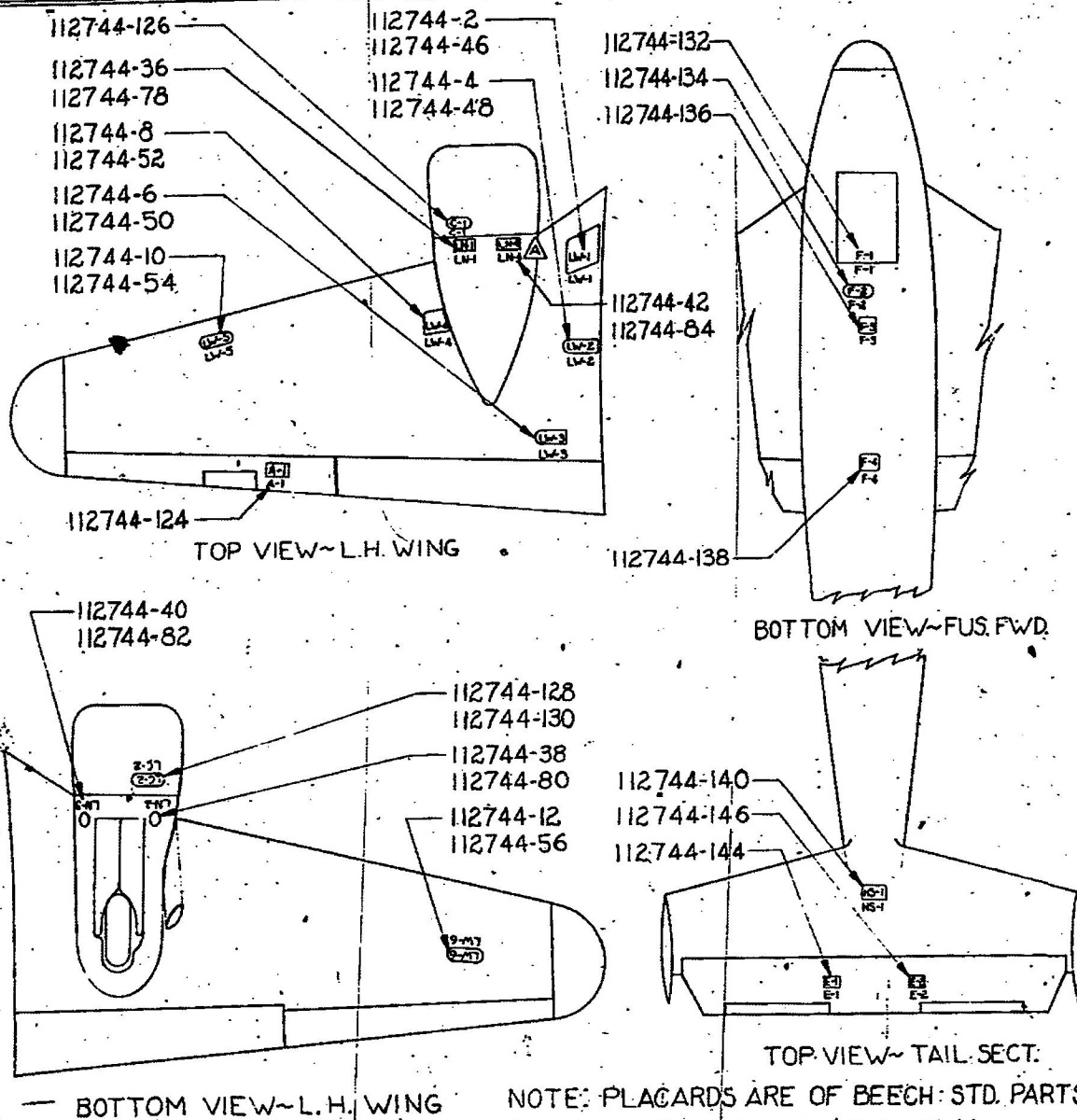
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FINISH SPECIFICATION FOR MODELS C-45G AND TC-45G

3.12 Inspection door identification.-



NOTE: PLACARDS ARE OF BEECH STD. PARTS
 ▲ APPLIES TO AF-1, AF-2, & AF-3 ONLY.

DATE ISSUE	DATE REVISED	WRITTEN	APPROVED	CHIEF DRAFTSMAN	CHIEF ENGINEER
3-5-51	3-6-52	<i>J. Lochan</i>	<i>A.K. Foster</i> <i>Walt</i>	<i>Stewart</i> 6-7-51	<i>Adams</i> 6-7-52