

## SERVICE BULLETIN

**Beech****ATA CODE 11-30****TITLE: PLACARDS AND MARKINGS - INSTALLATION OF FUEL SELECTOR PLACARD****SYNOPSIS OF CHANGE**

This Service Bulletin has been revised and is produced in the new Raytheon Aircraft Company Service Bulletin format. Relevant technical changes are marked with change bars in the outside margin. The original Service Bulletin was never issued due to revised effectivity.

### 1. Planning Information

#### A. Effectivity

##### (1) Airplanes

All Raytheon Aircraft Beech piston powered airplanes to include the following models:

17, 18, 19, 23, 24 Series;

Debonair/Bonanza 33 Series, F33A Serials CE-290 through CE-1791; E33C, F33C, Serials CJ-26 through CJ-179; 35 Series; 36 Series; A36, Serials E-185 through E-3046; A36TC Series; B36TC, Serials EA-242 through EA-591;

45 Series;

Twin Bonanza 50 Series;

Baron 55 Series; 56 Series; 58, Serials TH-1 through TH-1798; 58P Series; 58TC Series;

Duke 60 Series;

Queen Air 65, 70, 80, 88 Series;

Duchess 76 Series;

Skipper 77 Series;

Travel Air 95 Series

If you are no longer in possession of this airplane, please forward this information to the present owner.

Raytheon Aircraft Company (RAC) issues Service Information for the benefit of owners and fixed base operators in the form of two classes of Service Bulletins. The first class, Mandatory Service Bulletins (red border) includes changes, inspections and modifications that could affect safety or crashworthiness. RAC also issues Service Bulletins with no red border which are designated as either recommended or optional in the compliance section within the bulletin. In the case of recommended Service Bulletins, RAC feels the changes, modifications, improvements or inspections will benefit the owner/operator and although highly recommended, Recommended Service Bulletins are not considered mandatory at the time of issuance. In the case of Optional Service Bulletins, compliance with the changes, modifications, improvements or inspections is at the owner/operator's discretion. Both classes are mailed to:

(a) RAC Authorized Service Centers.

(b) Owners of record on the FAA Aircraft Registration Branch List and the RAC International Owner Notification/Registration Service List.

(c) Those having a publications subscription.

Information on Owner Notification Service or subscription can be obtained through any RAC Authorized Service Center. As Mandatory Service Bulletins and Service Bulletins are issued, temporary notification in the Service Bulletin Master Index should be made until the index is revised. Warranty will be allowed only when specifically defined in the Service Bulletin and in accordance with the RAC Warranty Policy.

Unless otherwise designated, RAC Mandatory Service Bulletins, Service Bulletins and RAC Kits are approved for installation on RAC airplanes in original or RAC modified configurations only. RAC Mandatory Service Bulletins, Service Bulletins and Kits may not be compatible with airplanes modified by STC installations or modifications other than RAC approved kits.

**Raytheon Aircraft****Beech  
Beechcraft**

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(2) Spares

None.

### **B. Reason**

This Service Bulletin is being issued to add placards to the fuel selector because Raytheon Aircraft Company has received reports of incidents and accidents involving Beech piston airplanes in which engine stoppage may have been caused by incorrectly positioning the fuel selector between tank detents.

### **C. Description**

This Service Bulletin provides instructions for the installation of a placard on the fuel selector to warn of the no-flow condition that exists between the fuel tank detents.

### **D. Compliance**

Raytheon Aircraft Company considers this to be a mandatory modification and it must be accomplished as soon as possible after receipt of this Service Bulletin, but no later than the next scheduled inspection.

An Airworthiness Directive has been requested on the matter covered by this Service Bulletin.

### **E. Approval**

The engineering data contained in this Service Bulletin is FAA approved.

### **F. Manpower**

The following information is for planning purposes only:

Estimated man-hours: 0.5 hour.

Suggested number of men: 1 man.

The above is an estimate based on experienced, properly equipped personnel complying with this Service Bulletin. Occasionally, after work has started, conditions may be found which could result in additional man-hours.

### **G. Weight and Balance**

None.

### **H. Electrical Load Data**

Not changed.

### **I. Software Accomplishment Summary**

Not applicable.

### **J. References**

None.

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### K. Publications Affected

The following changes to the FAA Approved Flight Manuals and Applicable Pilot's Operating Handbooks will be issued concurrently:

- A new Model 56TC/A56TC Approved Airplane Flight Manual
- Temporary Changes to the Applicable Pilot's Operating Handbooks
- Temporary Changes to the Applicable FAA Approved Flight Manuals
- A new FAA Approved Airplane Flight Manual Supplement to Models 95, B95, B95A, D95A, and E95

### L. Interchangeability of Parts

Not applicable.

### M. Warranty Credit

None.

## 2. Material Information

### A. Materials - Price and Availability

Contact a Raytheon Aircraft Authorized Service Center for information.

### B. Industry Support

Not applicable.

### C. Airplanes

The following part required for this modification may be ordered through a Raytheon Aircraft Authorized Service Center:

Part Number	Description	Quantity Per Airplane
36-920059-1	Placard	1 Sheet

Raytheon Aircraft Company expressly reserves the right to supersede, cancel and/or declare obsolete, without prior notice, any parts or publications that may be referenced in this Service Bulletin.

The following materials may be obtained locally:

Part Number	Description	Quantity Per Airplane
TT-N-95 Type 2	Naphtha	As Required

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### D. Spares

Not applicable.

### E. Reidentified Parts

None.

### F. Tooling - Price and Availability

Not applicable.

## 3. Accomplishment Instructions

This Service Bulletin shall be accomplished as follows:

### NOTE

Should any difficulty be encountered in accomplishing this Service Bulletin, contact Raytheon Aircraft Company at 1-800-625-7043 or 316-676-4556.

### A. Airplane

### NOTE

This modification may be accomplished by an FAA licensed pilot.

- (1) Figures 1 and 2 (and matching placards attached) are to be used primarily for the serials shown but may be used as an example of suitable configurations for typical Beech single-engine and twin-engine Beech airplanes. The no-flow sectors include the areas between tank detents and any "OFF" selection. Ensure that the placard does not cover any existing words or markings.
- (2) Figure 3 (and matching placards attached) shows representative warning which should be attached to the fuel selector valve area and Flight Manual.
- (3) The placards on the bottom of the sheet with "ENGINES" in plural, are to be used for twin engine airplanes only. The rest should be used on single engine airplanes. Cut the appropriate placard from the sheet and trim to fit on available space of the fuel selector valve. Do not remove the paper from the backside of the placard until the placard is ready to be installed.

<b>WARNING</b>
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**Cleaning fluid is flammable. Maintain adequate ventilation.**

- (4) Dampen a soft cloth sparingly with solvent, and clean the face of the fuel selector valve.
- (5) Remove paper from adhesive side of the placard and affix to face of fuel selector valve.
- (6) Ensure all work areas are clean and clear of tools and miscellaneous items of equipment.
- (7) Insert Figure 3 at the end of your AFM, if applicable. If your airplane has a POH or POM, you will receive a Temporary Revision or Supplement.
- (8) Return airplane to service.

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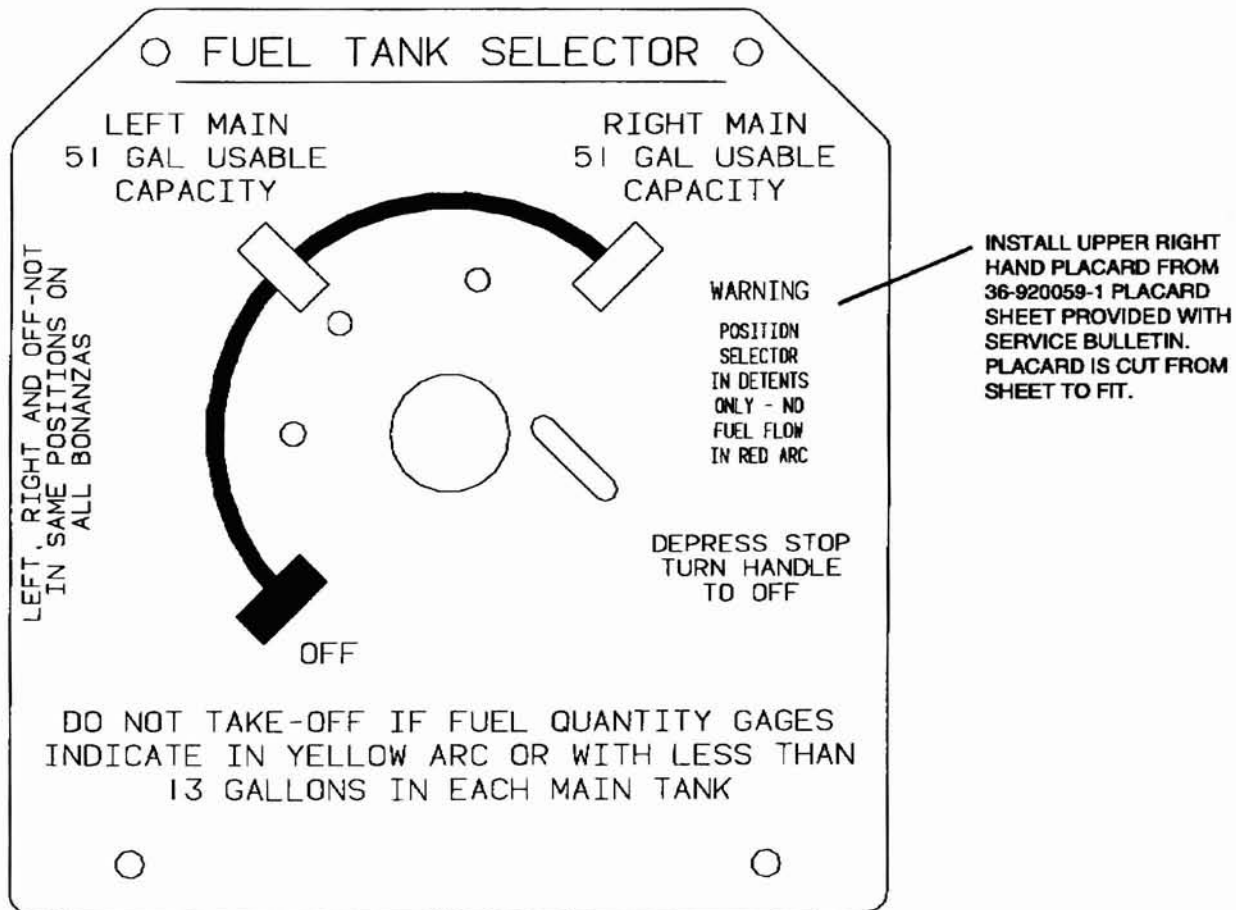
**B. Spares**

Not applicable.

**C. Record of Compliance**

Upon completion of this Service Bulletin, make an appropriate maintenance record entry.

### SERVICE BULLETIN



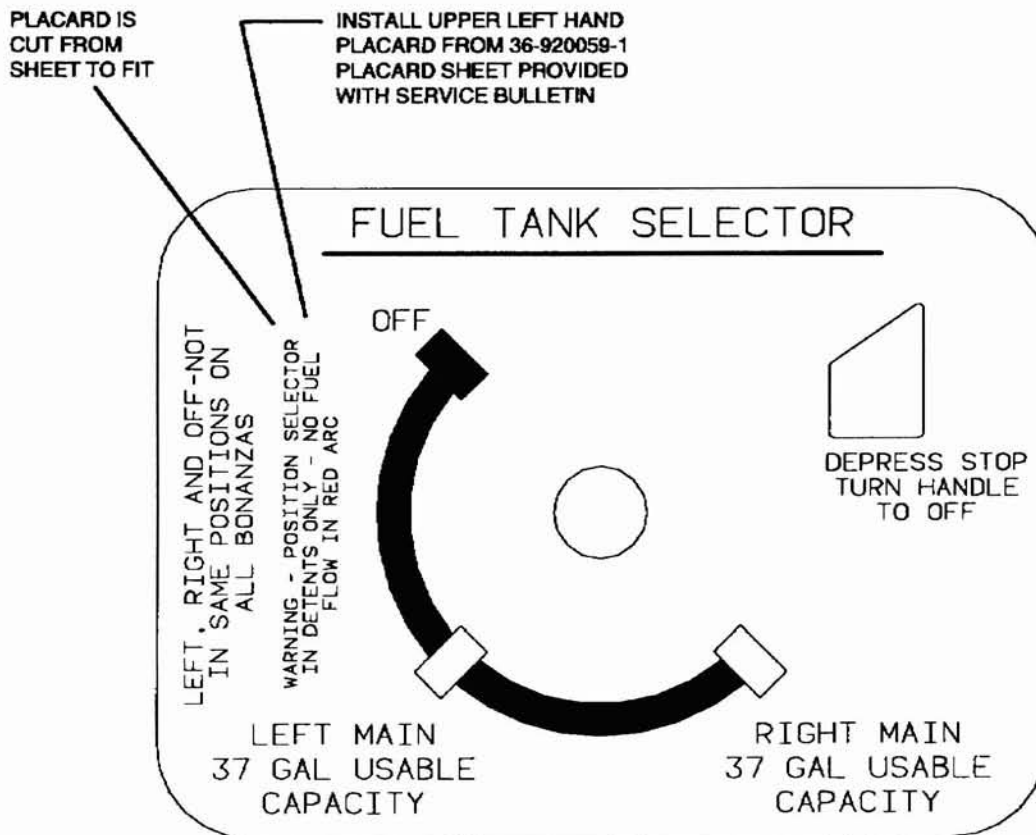
FUEL SELECTOR VALVE  
(B36TC SHOWN, A36TC SIMILAR)

EFF: A36TC SERIAL EA-1 THRU EA-241 AND EA-243 THRU EA-272 WITH BEECH KIT NO. 36-9008-1 INSTALLED, KIT SERIAL NUMBERS 101 THRU 389 ONLY. B36TC SERIALS EA-242 AND EA-273 THRU EA-591.

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Figure 1

## SERVICE BULLETIN



FUEL TANK SELECTOR COVER  
EFF: F33A - CE-1014 THRU CE-1791  
F33C - CJ-156 THRU CJ-179  
A36 - E-2062 THRU E-3046

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Figure 2



## SERVICE BULLETIN

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WARNING - POSITION SELECTOR  
IN DETENTS ONLY - NO FUEL  
FLOW IN RED ARC

WARNING  
POSITION  
SELECTOR  
IN DETENTS  
ONLY - NO  
FUEL FLOW  
IN RED ARC

WARNING - POSITION SELECTOR IN DETENTS ONLY - NO FUEL FLOW TO ENGINE BETWEEN DETENTS

WARNING  
POSITION SELECTOR IN DETENTS ONLY  
NO FUEL FLOW TO ENGINE BETWEEN DETENTS

WARNING  
POSITION SELECTOR  
IN DETENTS ONLY  
NO FUEL FLOW TO ENGINE  
BETWEEN DETENTS

WARNING  
POSITION  
SELECTOR  
IN DETENTS  
ONLY - NO  
FUEL FLOW  
TO ENGINE  
BETWEEN  
DETENTS

WARNING - POSITION SELECTORS IN DETENTS ONLY - NO FUEL FLOW TO ENGINES BETWEEN DETENTS

WARNING  
POSITION SELECTORS IN DETENTS ONLY  
NO FUEL FLOW TO ENGINES BETWEEN DETENTS

WARNING  
POSITION SELECTORS  
IN DETENTS ONLY  
NO FUEL FLOW TO ENGINES  
BETWEEN DETENTS

WARNING  
POSITION  
SELECTORS  
IN DETENTS  
ONLY - NO  
FUEL FLOW  
TO ENGINES  
BETWEEN  
DETENTS

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Placard Sheet P/N 36-920059-1  
Figure 3