

Raytheon Aircraft

MANDATORY SERVICE BULLETIN

18, 19, 23, 24, 33, 35, 36, B36TC, 50, 55, 56TC
58, 58P, 58TC, 60, 65, 70, 76, 80, 88, 95

No. 2045, Rev. III
ATA Code 28-10

Kit No. 35-5048-1 S
Kit No. 36-5012-1 S
Kit No. 36-5013-1 S
Kit No. 76-5006-1 S

SUBJECT: FUEL - MODIFICATION OF FUEL FILLER AND REPLACEMENT OF FUEL FILLER CAPS

SYNOPSIS OF CHANGE: Kit No. 36-5012-1 S is now available.

EFFECTIVITY: BEECHCRAFT Super G18S and H18, serials BA-553 through BA-765;
A23-19, 19A, M19A and B19, serials MB-1 through MB-520;
B19 Sport 150, serials MB-521 through MB-905;
23, A23, A23A, B23 and C23, serials M-1 through M-1361;

NOTE

Serials M-1 through M-554 must accomplish BEECHCRAFT Service Instructions No. 0801-287, Revision I prior to accomplishing this Service Bulletin.

C23 Sundowner 180, serials M-1362 through M-2392;

A23-24 and A24, serials MA-1 through MA-368;

A24R, serials MC-2 through MC-95;

A24R, B24R and C24R Sierra 200, serials MC-96 through MC-795;

Debonair/Bonanza 35-B33, 35-C33, E33, F33 and G33, serials CD-388 through CD-1304;

35-C33A, E33A and F33A, serials CE-1 through CE-1055;

Bonanza E33C and F33C, serials CJ-1 through CJ-155;

F35, G35, H35, J35, K35, M35, N35, P35, S35, V35, V35-TC, V35A, V35A-TC, V35B and V35B-TC, serials D-4102 through D-10403 and D-15002;

36 and A36, serials E-1 through E-2216;

A36TC, serials EA-1 through EA-241 and EA-243 through EA-272;

CC-618 M

Issued: May, 1989

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Raytheon Aircraft Company (RAC) issues Service Information for the benefit of owners and fixed based 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 considers compliance with these Service Bulletins to be mandatory. RAC also issues Service Bulletins with no 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 Service List.

(c) Those having a publications subscription.

Information on Owner Notification Service or subscriptions 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.

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Raytheon Aircraft

Booth
Number

MANDATORY

Service Bulletin No. 2045, Rev. III

B36TC, serials EA-242 and EA-273 through EA-447;
Twin Bonanza 50, serials H-1 through H-11;
B50 and C50, serials CH-12 through CH-360;
D50, D50A, D50B, D50C and D50E, serials DH-1 through DH-347;
E50, serials EH-1 through EH-70;
F50, serials FH-71 through FH-93, FH-95 and FH-96
G50, serials GH-94 and GH-97 through GH-119;
H50, serials HH-120 through HH-149;
J50, serials JH-150 through JH-176;
Baron 95-55, 95-A55, 95-B55 and 95-B55A, serials TC-1 through TC-349 and TC-351 through TC-2456;
95-C55, 95-C55A, D55, D55A, E55 and E55A, serials TC-350 and TE-1 through TE-1201;
95-B55B (T42A), serials TF-1 through TF-70;
Turbo Baron 56TC and A56TC, serials TG-2 through TG-94;
Baron 58 and 58A, serials TH-1 through TH-1450;
Baron 58P, serials TJ-3 through TJ-497;
Baron 58TC, serials TK-1 through TK-151;
Duke 60, A60 and B60, serials P-4 through P-596;
Queen Air 65, A65 and A65-8200, serials L-1, L-2, L-6, LF-7, LF-8 and LC-1 through LC-335;
70, serials LB-1 through LB-35;
Duchess 76, serials ME-1 through ME-437;
Queen Air 65-80, 65-A80, 65-A80-8800 and 65-B80, serials LD-1 through LD-511;
65-88, serials LP-1 through LP-47;
Travel Air 95, B95, B95A, D95, D95A and E95, serials TD-2 through TD-721.

**OPERATIONAL
BENEFITS:**

Beech Aircraft Corporation is issuing this Service Bulletin to reduce the possibility of fueling the airplane with jet fuel.

COMPLIANCE:

Beech Aircraft Corporation considers this to be a mandatory inspection/modification and it should be accomplished within the next 100 hours.

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

APPROVAL:

Engineering data contained in this Service Bulletin is FAA approved.

MANPOWER:

The following information is for planning purposes only:

Estimated man-hours: 0.5 hours.

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.

MATERIAL:

The following kits required for this modification may be ordered through a BEECHCRAFT Authorized outlet:

NOTE

Each kit contains parts and instructions required for the modification of two fuel filler ports.

MODEL	PART NUMBER	DESCRIPTION	QUANTITY PER AIRPLANE
18, 19, 23, 24, 33, 35 (D-6746 thru D-10403); 36, 55 (TC-75 thru TC-2456, TE-1 thru TE-1201); 56TC, 58, 60, 65 (LC-103 thru LC-335); 80, LD-151 thru LD-511); and 95 (TD-453 thru TD-721).	36-5013-1 S	Kit Information - Fuel Filler Neck Restrictor Installation, Non-Lightning	As required
35 (D-4102 thru D-6745 and D-15002); 50, 55 (TC-1 thru TC-74); 65 (LC-1 thru LC-102); 70, 80 (LD-1 thru LD-150); 88, 95 (TD-1 thru TD-452).	35-5048-1 S	Kit Information - Fuel Filler Neck Restrictor Installation, Non-Lightning	As Required.
B36TC (EA-242, EA-273 thru EA-447); 58P (TJ-1 thru TJ-497); 58TC (TK-1 thru TK-151).	36-5012-1 S	Kit Information - Fuel Filler Neck Restrictor Installation, Lightning	As Required.
76	76-5006-1 S	Kit Information - Fuel Filler Neck Restrictor Installation, Non-Lightning	As Required.

NOTICE

All BEECHCRAFT kits, unless otherwise designated, are approved for installation on BEECHCRAFT airplanes in original or BEECHCRAFT modified configurations only. BEECHCRAFT kits may not be compatible with airplanes modified by STC installations or modifications other than BEECHCRAFT approved kits.

WARRANTY CREDIT: None

SPECIAL TOOLS: None

WEIGHT AND BALANCE: None.

REFERENCES: None.

PUBLICATIONS

AFFECTED: It is recommended that a note to "See Service Bulletin No. 2045, Rev. III" be made in the appropriate Section/Chapter of the of the applicable Parts Catalog.

ACCOMPLISHMENT

INSTRUCTIONS: The parts and instructions required for the installation of new fuel filler neck restrictors are provided in the appropriate kit which is listed in the MATERIAL section.

RECORD COMPLIANCE: Upon completion of this Service Bulletin, make an appropriate maintenance record entry specifying the kit identification number and the kit serial number. It is recommended that the parts list contained in the kit be filed for future reference until the listing of parts has been incorporated into the Parts Catalog.

NOTE

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