

Raytheon Aircraft

MANDATORY SERVICE BULLETIN

19,23,24,33,35,36,55,56TC,58,60,
65,70,80,88,90,95,99,100,200

No. 2031, Rev. II
ATA Code 25-00

Kit No. 23-5004-1 P	Kit No. 55-5012-3 P	Kit No. 58-5009-9 P
Kit No. 23-5004-3 P	Kit No. 55-5012-5 P	Kit No. 58-5009-11 P
Kit No. 23-5010-1 P	Kit No. 55-5012-7 P	Kit No. 60-5021-1 P
Kit No. 23-5010-3 P	Kit No. 58-5005-1 P	Kit No. 60-5022-1 S
Kit No. 35-5034-1 P	Kit No. 58-5005-3 P	Kit No. 90-5034-1 P
Kit No. 35-5034-3 P	Kit No. 58-5009-1 P	Kit No. 95-5002-1 P
Kit No. 35-5034-5 P	Kit No. 58-5009-3 P	Kit No. 95-5002-5 P
Kit No. 35-5034-7 P	Kit No. 58-5009-5 P	Kit No. 100-5009-1 SC
Kit No. 55-5012-1 P	Kit No. 58-5009-7 P	

SUBJECT: EQUIPMENT/FURNISHINGS - NOTICE OF AVAILABILITY OF SHOULDER HARNESS KITS

SYNOPSIS OF CHANGE: Special credit incentives announced to encourage operator compliance.

REASON: This Service Bulletin is being issued to announce the availability of kits for the installation of shoulder harnesses on affected airplanes. The installation of these kits will enhance crew and passenger safety during airplane operation. To encourage operators to retrofit their airplanes with this added safety feature, Beech Aircraft Corporation has established special policy prices as well as a 30% Campaign Credit Allowance for customers who purchase applicable kits prior to April 30, 1992 and complete installation by October 31, 1992. (See Warranty Credit Section for details.)

EFFECTIVITY: Military airplanes are shown in parenthesis.

BEEHCRAFT 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;
C23 Sundowner 180, serials M-1362 through M-1747;
A23-24 and A24, serials MA-1 through MA-368;
A24R, serials MC-2 through MC-95;
A24R and B24R Sierra 200, serials MC-96 through MC-381 and MC-383 through MC-385;
Debonair/Bonanza 35-33, 35-A33, 35-B33, 35-C33, E33, F33 and G33, serials CD-1 through CD-1304;
35-C33A, E33A and F33A, serials CE-1 through CE-250, CE-256, CE-260, CE-264 through CE-268 and CE-270 through CE-633;

No BECP M

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MANDATORY

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.

981-39071 Rev. 4/88



Raytheon Aircraft

Special
Bulletin

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E33C and F33C, serials CJ-1 through CJ-128;

35, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35, V35, V35-TC, V35A, V35A-TC, V35B and V35B-TC, serials D-1 through D-9861, D-15001 and D-15002;

36 and A36, serials E-1 through E-824;

Baron 95-55, 95-A55, 95-B55 and 95-B55A, serials TC-1 through TC-349 and TC-351 through TC-1946;

95-B55B (T-42A), serials TF-1 through TF-70;

95-C55, 95-C55A, D55, D55A, E55 and E55A, serials TC-350 and TE-1 through TE-1077;

Turbo-Baron 56TC and A56TC, serials TG-2 through TG-94;

Baron 58 and 58A, serials TH-1 through TH-732;

Duke 60, A60 and B60, serials P-4 through P-388;

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;

65-80, 65-A80, 65-A80-8800 and 65-B80, serials LD-1 through LD-511;

65-88, serials LP-1 through LP-26, LP-28 and LP-30 through LP-47;

King Air 65-90, 65-A90, B90, and C90, serials LJ-1 through LJ-692;

E90, serials LW-1 through LW-192;

Travel Air 95, B95, B95A, D95A and E95, serials TD-2 through TD-721;

99, 99A, A99A and B99 Airliners, serials U-1 through U-164;

King Air 100 and A100, serials B-1 through B-94, and B-100 through B-228;

A100 (U21F), serials B-95 through B-99;

B100, serials BE-1 through BE-12;

Super King Air 200, serials BB-2 through BB-165.

COMPLIANCE:

For compliance information on military airplanes affected by this Service Bulletin, contact:

Beech Aerospace Services Inc. (BASI)
Madison, Mississippi
Telephone (601) 856-2274

On all other airplanes affected by this Service Bulletin:

Beech Aircraft Corporation considers this to be a mandatory modification and it should be accomplished as soon as possible after receipt of this Service Bulletin.

No Airworthiness Directive has been issued on the matter covered by this Service Bulletin as of the issue date shown herein.

APPROVAL:

Engineering data contained in this Service Bulletin is FAA approved.

MANPOWER:

The following information is for planning purposes only:

Estimated man-hours to install shoulder harness kits on pilot and copilot seats on 19, 23 and 24 series airplanes: 17 hours per airplane.

Estimated man-hours to install shoulder harness kits on passenger seats on 19, 23 and 24 series airplanes: 8 hours per airplane.

Estimated man-hours to install shoulder harness kits on pilot and copilot seats on Debonair/ Bonanza, Baron, Turbo-Baron or Travel Air airplanes: 24 hours per airplane.

Estimated man-hours to install shoulder harness kits on passenger seats on Debonair/Bonanza, Baron, Turbo-Baron or Travel-Air airplanes: 12 hours per seat.

Estimated man-hours to install shoulder harness kits on pilot and copilot seats on Duke series airplanes: 24 hours per airplane.

Estimated man-hours to install shoulder harness kits on pilot and copilot seats on Queen Air, King Air, Airliner and Super King Air series airplanes: 30 hours per airplane.

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 parts required to install shoulder harnesses on the noted airplane model seat locations are contained in the kits listed below. The kits may be ordered through BEECHCRAFT Aero or Aviation Centers or International Distributors and Dealers. The value of the kits will be advised on order. Beech Aircraft Corporation expressly reserves the right to supersede, cancel and/or declare obsolete any kits or publications that may be referenced in this Service Bulletin without prior notice.

Models	Kit Number	Application
A23-19, 19A, M19A, 23, A23, A23A, B23 All series; A23-24 Series MA-1 through MA-123, MA-125 through MA-141, MA-143 through MA-152	23-5004-3 P	Pilot and Copilot seats
	23-5010-1 P	3rd and 4th seats
B19, Serials MB-481 through MB-778	23-5004-1 P	Pilot and Copilot seats
	23-5010-1 P	3rd and 4th seats
B19, Serials MB-779 through MB-905	23-5010-1 P	3rd and 4th seats
C23, Serials M-1285 through M-1726 and M-1728 through M-1747	23-5004-1 P	Pilot and Copilot seats
	23-5010-1 P	3rd and 4th seats
A23-24, Serials MA-124, MA-142 and MA-153 through MA-363	23-5004-3 P	Pilot and Copilot seats
	23-5010-1 P	3rd and 4th seats
	23-5010-3 P	5th and 6th seats
A24, Serials MA-364 through MA-368	23-5004-1 P	Pilot and Copilot seats
	23-5010-1 P	3rd and 4th seats
	23-5010-3 P	5th and 6th seats
A24R, Serials MC-2 through MC-150	23-5004-1 P	Pilot and Copilot seats
	23-5010-1 P	3rd and 4th seats
	23-5010-3 P	5th and 6th seats
B24R, Serials MC-151 through MC-381 and MC-383 through MC-385	23-5004-1 P	Pilot and Copilot seats
	23-5010-1 P	3rd and 4th seats
	23-5010-3 P	5th and 6th seats
33, A33, B33, and C33, Serials CD-1 through CD-224, CD-233, CD-234, CD-236, CD-241, CD-246 through CD-250	35-5034-1 P, -3 P	Pilot and Copilot seats (See Note 3)
	58-5009-1 P	3rd and 4th seats
33, A33, B33, and C33, Serials CD-225 through CD-232, CD-235, CD-237 through CD-240, CD-242 through CD-245, CD-251 through CD-1027	35-5034-5 P, -7 P	Pilot and Copilot seats (See Note 3)
	58-5009-1 P	3rd and 4th seats
C33 and E33, Serials CD-1028 through CD-1234	55-5012-5 P, -7 P	Pilot and Copilot seats (See Note 3)
	58-5009-1 P	3rd and 4th seats

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Models	Kit Number	Application
F33, Serials CD-1235 through CD-1254	55-5012-1 P, -3 P 58-5009-1 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats
G33, Serials CD-1255 and CD-1256	55-5012-1 P, -3 P 58-5009-1 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats
G33, Serials CD-1257 through CD-1268	58-5005-3 P 58-5009-1 P	Pilot and Copilot seats 3rd and 4th seats
G33, Serials CD-1269 through CD-1304	58-5005-1 P 58-5009-1 P	Pilot and Copilot seats 3rd and 4th seats
C33A, Serials CE-1 through CE-26	35-5034-5 P, -7 P 58-5009-1 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats
C33A, E33A, Serials CE-27 through CE-250, CE-256, CE-260, CE-264 thru CE-268, CE-270 through CE-289	55-5012-5 P, -7 P 58-5009-1 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats
F33A, Serials CE-290 through CE-350	55-5012-1 P, -3 P 58-5009-1 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats
F33A, Serials CE-316 through CE-350	58-5009-1 P 58-5009-5 P, -7 P	3rd and 4th seats 5th and 6th seats (See Note 4)
F33A, Serials CE-351 through CE-357	58-5005-3 P 58-5009-1 P 58-5009-5 P, -7 P	Pilot and Copilot seats 3rd and 4th seats 5th and 6th seats (See Note 4)
F33A, Serials CE-358 through CE-633	58-5005-1 P 58-5009-1 P 58-5009-5 P, -7 P	Pilot and Copilot seats 3rd and 4th seats 5th and 6th seats (See Note 4)
E33C, F33C, Serials CJ-1 through CJ-128	58-5009-1 P	3rd and 4th seats
35, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35 and M35, Serials D-1 through D-6561, D-15001 and D-15002	35-5034-1 P, -3 P 58-5009-1 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats
N35, P35, Serials D-6562 through D-7309	35-5034-5 P 58-5009-1 P	Pilot and Copilot Seats (See Note 3) 3rd and 4th seats
S35, D-7310 through D-7976	35-5034-5 P 58-5009-1 P 58-5009-5 P, -7 P	Pilot and Copilot Seats (See Note 3) 3rd and 4th seats 5th and 6th seats (See Note 4)
V35, Serials D-7977 through D-8598	55-5012-5 P, -7 P 58-5009-1 P 58-5009-5 P, -7 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats 5th and 6th seats (See Note 4)
V35A and V35B, Serials D-8599 through D-9287	55-5012-1 P, -3 P 58-5009-1 P 58-5009-5 P, -7 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats 5th and 6th seats (See Note 4)
V35B, Serials D-9288 through D-9307	58-5005-3 P 58-5009-1 P 58-5009-5 P, -7 P	Pilot and Copilot seats 3rd and 4th seats 5th and 6th seats (See Note 4)
V35B, Serials D-9308 through D-9861	58-5005-1 P 58-5009-1 P 58-5009-5 P, -7 P	Pilot and Copilot seats 3rd and 4th seats 5th and 6th seats (See Note 4)
36 and A36, Serials E-1 through E-283	55-5012-1 P, -3 P 58-5009-3 P 58-5009-9 P, -11 P	Pilot and Copilot seats (See Note 3) 3rd and 4th seats 5th and 6th seats (See Note 4)
A36, Serials E-284 through E-312	58-5005-3 P 58-5009-3 P 58-5009-9 P, -11 P	Pilot and Copilot seats 3rd and 4th seats 5th and 6th seats (See Note 4)

