

19,23,24

No. 0529-289
ATA Code 28-20
Recurring Inspection

SUBJECT: FUEL SYSTEM – FUEL SELECTOR VALVE – INSPECTION OF THE FUEL SELECTOR VALVE DETENT WASHER AND GUARD MARKINGS.

EFFECTIVITY: BEEHCRAFT Model A23-19, 19A, M19A and B19, serials MB-1 through MB-520;
Model 23, A23, A23A, B23 and C23, serials M-1 through M-1361;
Model A23-24 and A24, serials MA-1 through MA-368;
Model A24R, serials MC-2 through MC-95.

BEEHCRAFT Sport B19, serials MB-521 and after;
Sundowner C23, serials M-1362 and after;
Sierra A24R, serials MC-96 and after.

REASON: To ensure positive detent of the fuel selector valve, and positive marking of the fuel selector placard.

COMPLIANCE: At the next scheduled inspection or sooner, as necessary, and at every periodic inspection thereafter.

DESCRIPTION: The fuel selector valve is inspected for proper detent and the valve cone is adjusted and/or the detent washer is replaced if required. The fuel selector guard is also inspected and is remarked as necessary.

APPROVAL: FAA Approved - DOA CE-2.

MANPOWER: The following information is for planning purposes only.

Estimated man-hours: 1 hour.
Suggested number of men: 1 man.

MATERIAL: The following parts, if required, may be obtained through your BEEHCRAFT Aviation Center.

NEW P/N	OLD P/N	DESCRIPTION	QUANTITY	PRICE*
38754	35754	Detent Washer	1 per aircraft	\$.30 each
169-920000-133	No P/N change	Laminated Shim	1 per aircraft	\$1.40 each
105739B-YMO312	No P/N change	Spacer	1 per aircraft	\$3.90 each

*Suggested selling price. (Subject to change without notice.)

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: None.

REFERENCES: Service Instructions No.0364-289, Rev. II. Executive Airplane Safety Communique No. 19/23/24-08.

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Service Instructions No. 0529-289

PUBLICATIONS AFFECTED: None.

ACCOMPLISHMENT

INSTRUCTIONS: Instructions for accomplishing these Service Instructions are as follows.

PART I

1. Check the operation of the fuel selector valve for freedom of movement through 360° of travel, and for positive detent (or “click”) at each of the four positions.

2. In the event the fuel selector valve is stiff or binds, refer to the procedures set forth in Service Instructions No. 0364-289, Rev. II.

3. Inspect the detent washer for wear and replace it if necessary to obtain a positive detent. Lubricate the washer (new or existing) on each side with a medium coating of Dow-Corning FS-1292 grease.

WARNING

Be certain the slot in the selector handle is positioned over the roll pin in the shaft.

NOTE

On selector valves using the washers, or shim and spacer under the handle, be certain that the screw securing the handle to the shaft is completely tight. Even a slight looseness of this screw can cause tightness and binding of the valve.

4. Adjust the valve action by removing just enough of the laminated shim to provide free valve movement and positive detent and still meet the shut-off requirements as specified in Service Instructions No. 0364-289, Rev. II.

PART II

1. Inspect the markings on the fuel selector guard for legibility and touch-up or repaint as necessary.

RECORD COMPLIANCE: Upon completion of these Service Instructions, make an appropriate maintenance record entry.