April 27, 1973

SE73-10

ITEM #1:

REMOVAL OF IGNITION SWITCH GROUNDING LEAD

AIRCRAFT AFFECTED:

1973 Model 177, 177RG.
S/N 17701774 thru 17701907
177RG0283 thru 177RG0349

The 1973 Cardinal and RG Models incorporate a Bendix D-2000 Series single drive dual magneto. One of the features of this new magneto is utilization of one impulse coupling to fire both magneto during starting. This is especially helpful during cold weather starts.

This particular feature was not utilized on some of the early 1973 deliveries because a small ground strap was inadvertently installed on the ignition switch. This strap grounds the right magneto when the switch is turned to the start position.

Grounding straps have recently been removed on all production aircraft so that both magneto circuits are in operation during the starting process. It is recommended that these same grounding straps be removed on all in-service aircraft. See Figure 1.

(Owner Notification System - No. 1)

ITEM #2:

IMPROVED ACCESS TO FUEL PUMP HIGH PRESSURE ADJUSTMENT

AIRCRAFT AFFECTED:

1961 thru 1973 Skywagon/AGcarryall. Serials ...
185-0001 thru 18502114

1966 thru 1973 Model A188
AGwagon. Serials 188-0001 thru 18801089
(A/C equipped with fuel injected engines)

An engineering change consisting of adding a hole to the alternator support bracket is now in effect on production aircraft which improves access to the high pressure adjustment screw on the engine driven fuel pump.

If desired, a hole can be added to the alternator support bracket of in-service aircraft as shown in Figure 2. Because of possible damage to the fuel line fitting and the pump housing, it is recommended the alternator bracket be removed from the engine for drilling.

NOTE

Due to structural requirements the hole must be drilled in the position shown. This will result in slight misalignment with the adjusting screw. However, a small diameter flex-drive screwdriver may be used for adjusting pump pressure.

(Owner Notification System - No. 1)
ITEM #3:

CASTERING GEAR
INSTALLATION

AIRCRAFT AFFECTED:

1967 thru 1968 Model 180 Skywagon. Serials ... 18051775 thru 18051993.

1967 thru 1968 Model 185 Skywagon. Serials ... 18501150 thru 18501447
(A/C equipped w/crosswind casting main gear)

The attachment of the casting (crosswind) gear assembly has recently been strengthened on production aircraft by replacement of the NAS 145 and NAS 146 bolts with studs.

In-service aircraft may be modified by Service Kit SK185-15 which is available through the Cessna Dealer Organization ... suggested list price is $44.00 ($).

Until affected aircraft are modified with the Service Kit, the existing attachment bolts must be inspected for cracks in the thread roots as a part of each periodic inspection.

(Owner Notification System - No. 1)

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ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

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THE CESSNA AIRCRAFT COMPANY
WIRING OMITTED FOR CLARITY

VIEW LOOKING AFT & UPWARD

MODIFICATION INSTRUCTIONS

REMOVE AND SCRAP JUMPER STRAP (2) BY REMOVING TERMINAL SCREWS AND RH MAGNETO WIRE FROM TERMINAL (3). REINSTALL MAGNETO WIRE ON TERMINAL (3) AND SECURE WITH TERMINAL SCREW (1).

Figure 1. Ignition Switch Modification.
Figure 2. Access hole location - Fuel pump adjust.