December 19, 1977

ITEM #1

SELF LOCKING NUT INSPECTION

AIRCRAFT APPLICABILITY:

1976 Model 180, 182 and 185 Series Aircraft

Serial numbers . . .

18052678 thru 18052698
18264686 thru 18264736
18502998 thru 18503018

A special one time inspection of certain nuts located in the engine compartment, steering assembly and parking brake is required on Model 180, 182 and 185 series aircraft to determine that the correct steel self locking nuts are installed.

Therefore, within the next 100 hours of operation, identify and replace all brass nuts with steel self locking nuts as described in the attached Figure 1.

Replacement steel self locking nuts (part number MS20365-1032C) are available through the Cessna Dealer Organization at a suggested list price of $18.10 (S)/100.

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(Owner Notification System - No. 1)

ITEM #2:

OXYGEN SYSTEM MODIFICATION

AIRCRAFT APPLICABILITY:

1965 thru 1969 Model 180 and 185 Series Aircraft

Serial numbers . . .

18051446 thru 18052103
185-0777 thru 185-1599

The original oxygen cylinder and regulator (part number C166001-0104), used in oxygen system equipped Model 180 and 185's, is no longer available for service replacements.

To support oxygen cylinder replacement requirements for these aircraft, a Service Kit has been developed to allow replacement of the original cylinder and regulator with the current production assembly (part number C166001-0601).

This Service Kit (part number SK180-35) is available through the Cessna Dealer Organization at a suggested list price of $492.00 (A) ea.

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(Owner Notification System - No. 1)

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THERE ARE MORE CESSNAS FLYING THAN ANY OTHER MAKE
INSPECTION PROCEDURE: With the aid of a flashlight and inspection mirror, inspect for the incorrect brass nuts at the following locations:

A. Inboard side of the bracket retaining the bellcrank assembly, inspect at (5).
B. Bracket assembly on aft end of bellcrank, inspect at (6).

MODELS 180-185-182 ONLY

Figure 1. Self Locking Nut Inspection. (Sheet 1 of 3)
INSPECTION PROCEDURE: With the aid of flashlight and inspection mirror, inspect for the incorrect brass nuts at the following locations:

A. Below rudder pedals L. H. side, inspect at (5), (6) and (7).

B. Nose gear assembly, inspect at (8).

MODEL 182 ONLY

Figure 1. Self Locking Nut Inspection. (Sheet 2 of 3)
INSPECTION PROCEDURE: with the aid of a flashlight and inspection mirror, inspect for incorrect brass nuts at the following locations:

A. Left side of engine, inspect (5), (6) and (7).

MODEL 182 ONLY

Figure 1. Self Locking Nut Inspection. (Sheet 3 of 3)