January 30, 1962

62-11

TO: CESSNA SALES AND SERVICE ORGANIZATION

The basic servicing requirements on the oil filter used on the Model 320 engines; such as, replacement frequency on the element, part numbers, etc., are already covered in the Parts Catalog and Service Manual.

Outlined below is some additional information concerning servicing and inspecting the oil filter.

1) Oil Inlet Hose - (Oil Pump Screen to Filter)

The routing of this hose should be maintained so that it is free of strains or twists, which can subject the welded inlet fitting of the filter to severe loads. This hose is not to be supported at any spot with clamps, since it must be free to absorb engine vibration.

NOTE: Support clamps were installed on a few of the early airplanes and these should be removed immediately.

On airplanes prior to Serial 320-0038, a straight fitting should be installed in the oil pump screen if hose routing difficulties are encountered. (Reference: Item #3 of Service Letter 320-4).

2) Filter Assembly Support Brackets

Torque on the clamps and support brackets are important, since if they are too loose or too tight, loads will be imposed. The proper torque values are shown on the attached sketch and should be maintained at all times.

3) Filter Top Orientation

Care should be exercised when fitting the top on the filter housing to make certain the two parts are aligned properly and that a good seal is obtained. Before tightening the V-band clamp, it should be rotated at least 180 degrees and the joint between the top and bottom inspected for good seating

(Index - Model 320 - Powerplant/Fuel System)

(Owner Notification System - No. 1)

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In answer to some requests, a Service Kit has been developed which provides the necessary parts and instructions for checking unmetered fuel pressure. This kit connects into the fuel pump outlet and can be utilized for checking pressure on all fuel injection engines (Models 185, 210, 310 and 320).

The Service Kit number is SK320-2 (copy attached), and is available from the Cessna Parts Department, priced $118.00 (S).

(Index - Models - 185 - 210 - 310 - 320 - Powerplant/Fuel System)

(Owner Notification System - None Required)

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ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

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CESSNA AIRCRAFT COMPANY