Service Newsletter

November 27, 1985

SNL85-54

TITLE

REVISED OVERHAUL/REPLACEMENT REQUIREMENTS FOR HYDRAULIC SYSTEM COMPONENTS ON SINGLE ENGINE, SKYMATER AND CRUSADER AIRPLANES

TO

CESSNA DISTRIBUTORS, CATEGORY I THRU CATEGORY IV DEALERS, AG DEALERS AND CPC'S

DISCUSSION

Following extensive research of field reports on brake and landing gear hydraulic systems, the existing 5 year overhaul/replacement interval for many components has been revised to an "on condition" overhaul/replacement interval.

The "on condition" interval applies to --

* Brake and landing gear hydraulic system hoses of the later synthetic material (S2178-XXX part numbers)

* Landing gear hydraulic system powerpacs used on 1979 and later models (9881124-XX part numbers)

* All other components except earlier powerpacs and hoses of rubber material

Landing gear powerpacs used prior to 1979 models still require overhaul every 5 years to replace rubber components.

All brake and landing gear hydraulic system hoses used prior to the S2178-XXX part numbers still require replacement every 5 years to replace the rubber hose material.
NOTE

Although part number identification is the positive method to determine hose material, the synthetic hydraulic system hoses generally have a smooth, somewhat shiny surface texture and are generally a blue or reddish color. Rubber hoses are generally black and have a dull, rougher surface texture.

The new overhaul/replacement requirements will be incorporated in future revisions to the applicable airplane Parts Catalogs and Service Manuals.

The revised requirements in no way preclude the importance of accomplishing thorough hydraulic system inspections, as detailed in the applicable airplane Service Manual. Routine inspections are of the utmost importance to assure continued airworthiness, durability and reliability.

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