Cessna
SALES AND SERVICE

"TAKE YOUR CESSNA HOME FOR SERVICE AT THE SIGN OF THE CESSNA SHIELD".

CESSNA AIRCRAFT COMPANY
WICHITA, KANSAS

1973 402B

Cessna

MORE PEOPLE BUY AND FLY CESSNA AIRPLANES THAN ANY OTHER MAKE

WORLD'S LARGEST PRODUCER OF GENERAL AVIATION AIRCRAFT SINCE 1956

MODEL 402B BUSINESSLINER and UTILILINER

OWNER'S MANUAL

NOTE

The deice system is manually controlled. Every time a deicing cycle is desired, the switch must be positioned to ACTUATE. The switch will instantly spring back to OFF, but a 6 second delay action in the switch will complete the deicing inflation cycle.

(2) Check boots carefully for complete deflation to the vacuum hold down position.

NOTE

Complete inflation and deflation cycle will last approximately 30 seconds.

In Flight

(1) When ice has accumulated to approximately 1/2 inch thick on the leading edges, position deice switch to ACTUATE.

After Landing

(1) Check boots for damage and cleanliness. Remove any accumulation of engine oil or grease.

OPERATING DETAILS

Cycling of the deice boots produces no aerodynamic effects in any attitude within the allowable flight limitations. Deice boots are intended to remove ice after it has accumulated rather than preventing its accumulation. If the rate of ice accumulation is slow, best results can be obtained by leaving the deice system OFF until 1/4 to 3/4 inch of ice has accumulated. After clearing this accumulation with one or two cycles

of operation, the system should remain OFF until a significant quantity of ice has again accumulated. Rapid cycling of the system is not recommended, as this may cause the ice to grow outside the contour of the inflated boots, preventing its removal.

NOTE

Since wing, horizontal stabilizer, and vertical stabilizer deice boots alone do not provide adequate protection for the entire aircraft, known icing conditions should be avoided whenever possible. If icing is encountered, close attention should be given to the pitot-static system, propellers, induction systems and other components subject to icing.

The deice system will operate satisfactorily on either or both engines. During single-engine operation, suction to the gyros will drop momentarily during boot inflation cycle.

DEICE BOOT CARE

Deice boots have a special, electrically-conductive coating to bleed-off static charges which: (1) cause radio interference and, (2) may perforate the boots. Fueling and other servicing operations should be done carefully, to avoid damaging this conductive coating or tearing the boots.

Keep the boots clean and free from oil and grease, which swell the rubber. Wash the boots with mild soap and water, using benzol or unleaded gasoline, if necessary, to remove stubborn grease. Do not scrub the boots and be sure to wipe off all solvent before it dries.

Small tears and abrasions can be repaired temporarily without removing the boots and the conductive coating can be renewed. Your Cessna Dealer has the proper materials and know-how to do this correctly.