

B737 Effectivity

LiteAir has a window plug for every window position on the following B737 airplanes: B737-100, B737-200, B737-200C, B737-300, B737-400, B737-500, B737-600, B737-700, B737-700C, B737-800, B737-900

General Description

The B737 lightweight window plug is CNC machined aluminum. All parts have Parts Manufacturer Approval (PMA) and are certified via a Supplemental Type Certificate (STC) with worldwide validation. The window plug is a 'one-piece' installation which eliminates the need for the installation of the acrylic middle pane and uses the window plug Original Equipment Manufacturer (OEM) seal and the existing assembly already on the airplane for ease and economy of installation. The window plug has also been certified by FAA test to negate the requirement for a bonding strap to simplify installation still further. Detailed installation and maintenance instructions are provided for in service inspection and repair. The part numbers used at each location are shown below.



Part Number & Location

LAP4007-3 All window locations

LAP4009-1 Emergency exit window locations

Benefits of using lightweight window plugs:

Saves weight: The window plug assembly weighs 1.7 pounds. The weight of the acrylic windows being replaced is 3.8 pounds which results in a 2.1 pounds weight savings per window and 137 pounds per airplane for a typical passenger-to-freighter conversion (65 windows) and considerably more if replacing the OEM window plug installation.

Saves fuel: At today's fuel prices the window plug installation can pay for itself in just over two and one half years.

Saves money: Lower component cost.

Easy to use: Simple as replacing a window.

Less installation time: The assemblies have been certified by FAA test to negate the requirement for a bonding strap which considerably reduces installation time.

Lower maintenance: All acrylic elements require frequent inspection. The use of the lightweight window plug eliminates the installation of the acrylic middle pane, therefore significantly reducing maintenance.

Proven reliability: All parts are PMA approved and certified via FAA STC and worldwide validation. To date there are more than 40,000 Parts in service with a perfect service history.