

## ATR42 & ATR72 Effectivity

LiteAir has a window plug for every window position on the following ATR42 and ATR72 airplanes: ATR42-200, ATR42-300, ATR42-320, ATR42-500, ATR72-101, ATR72-102, ATR72-201, ATR72-202, ATR72-211, ATR72-212, ATR72-212A

## General Description

The ATR42 and ATR72 window plug installation consists of an aluminum CNC machined outer window plug installed with either the existing OEM acrylic middle window pane or a lightweight spacer ring. This installation has no additional maintenance requirements over the existing OEM window plug. This installation does not require and has no provisions for the installation of a grounding strap, and all parts have Parts Manufacturer Approval (PMA) and are certified via a Supplemental Type Certificate (STC). Detailed installation and maintenance instructions are provided for in service inspection and repair. The part numbers used at each location are shown below.

A LiteAir machined window plug part number LAP4015-1, maybe installed with either a spacer ring, LAP5012-1 or an existing OEM middle pane in any window location of the following aircraft. (See notes below for exceptions)

- 1) Lightweight window plug installation is not permissible in door locations on passenger airplanes. Lightweight window plug installation is permissible in deactivated passenger doors on airplanes in freighter or combi configurations.
- 2) Only install LiteAir Ice Window Plug LAP4015-3, in the following two positions on each side of the aircraft between FR20 and FR22, in line with propeller and immediately Aft. See Section 3.4 and 3.5 page 5.



### Part Number

- LAP4015-1 Main Cabin Window Plug
- LAP4015-3 Ice Window Plug
- LAP5012-1 Spacer Ring
- LAP5012-3 Spacer Ring

## Benefits of using lightweight window plugs:

**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 80,000 parts in service with a perfect service history