

TECHNICAL DATA

COCKPIT WINDOWS

Next-Generation 737, Classic 737, 727, 707 Airplanes



™ & © The Boeing Company. Used under license.

All Glass Cockpit Windows

Features

Urethane Interlayer

Benefits

- Provides maximum adhesion for resistance to delamination and extends service life
- Elasticity at low temperatures reduces potential for delamination and cold chipping

Main Windshield, No. 2 Sliding Window, No. 3 Glass Window

Features

Stainless Steel Z-Retainer

Benefits

- Protects against moisture ingress

Main Windshield (141A4800-1/-2)

Features

PR-1425CF Moisture Seal

Benefits

- Chromate-free
- Cures in less than half the time
- Lower moisture vapor transmission

Cockpit No. 2 Sliding Window

Features

Wide Metal Insert with Reinforced Corners

Benefits

- Added strength
- Eliminates airworthiness directive-mandated inspections

Nesatron® Anti-ice Heating System

- Full coverage heating

Cockpit No. 3 Fixed Window

Features

Glass or Acrylic

Benefits

- Purchasing flexibility

PPG Aerospace – Transparencies is a leading and experienced source of original-equipment and replacement windshields and side cockpit windows for airplanes produced by The Boeing Company.

The main windshield for Next-Generation 737 airplanes has been redesigned to accommodate airframe changes, and PPG is the sole source for production and aftermarket parts. The new-design windshield fits Next-Generation 737 airplanes delivered after mid-September 2010, with line number 3400 and higher, and pre-line number 3400 aircraft that have incorporated Boeing Service Bulletin 737-53-1295. PPG also produces the main windshield for Classic 737 and Next-Generation 737 airplanes delivered before mid-September 2010, with line number 3399 and lower.

PPG has supported the redesign effort of the No. 2 sliding cockpit window for Next-Generation 737 and Classic 737 airplanes by developing enhanced full-coverage heating and incorporating an improved and wider metal insert structure. The new configuration provides terminating action for FAA Airworthiness Directive AD 2008-09-15 for Classic 737 airplanes and AD 2008-11-08 for Next-Generation 737 airplanes.

New or Exchange

Operators can buy new replacement windshields and side cockpit windows from PPG and enjoy the convenience and time savings of buying from a single source for their fleet of aircraft produced by The Boeing Company. For 737 windshields and No. 2 side cockpit windows, PPG's exchange program offers cost savings. Operators return a windshield or No. 2 cockpit window to PPG and receive a new or rebuilt replacement part from stock, affording the most efficient turn times.

SURFACE SEAL® Coating System

Surface Seal coating system by PPG is the supplemental windshield rain removal system approved by The Boeing Company for 737 airplanes, and is standard on the latest engineering version of PPG original-equipment and replacement windshields for them. *Surface Seal* hydrophobic coating improves the ability of the windshield to shed water, providing the ultimate in visibility for pilots during wet conditions. *Surface Seal* coating system kits are available for field application.

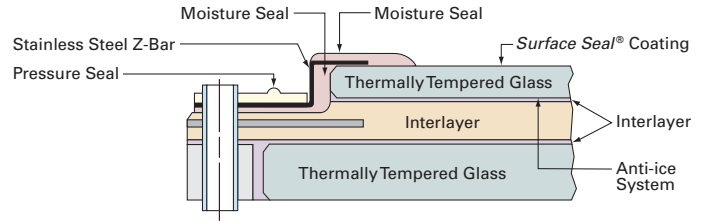
Overhaul and Repair

In addition, PPG is able to overhaul and repair the No. 2 framed window assembly.

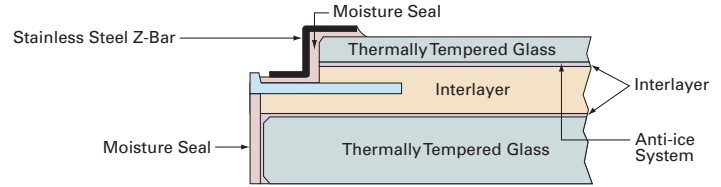
NEXT-GENERATION 737, CLASSIC 737, 727, 707

Main Windshield

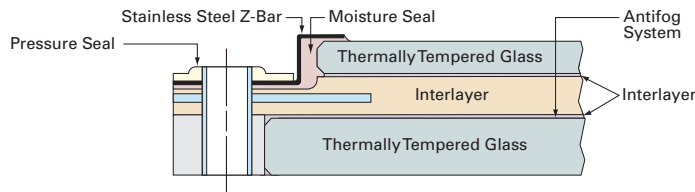
Windshields with part numbers 141A4800-1 and 141A4800-2 for aircraft with line number 3400 and higher are smaller than earlier versions, and they also fit pre-line number 3400 aircraft that have incorporated Boeing Service Bulletin 737-53-1295.



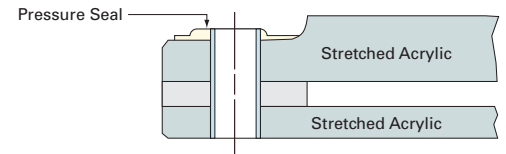
No. 2 Sliding Window



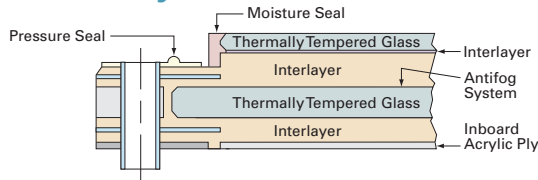
No. 3 Fixed Window Glass



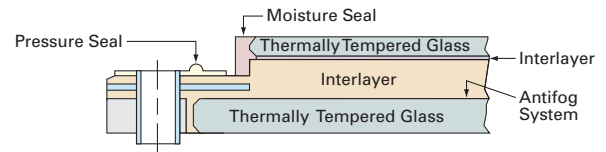
Acrylic



No. 4 Eyebrow Window



No. 5 Eyebrow Window



Part Numbers

Pilot Windshield	5-89354-3149 (Line number up to and including 3399)
Copilot Windshield	5-89354-3150 (Line number up to and including 3399)
Pilot Windshield	141A4800-1 (Line number 3400 and after)*
Copilot Windshield	141A4800-2 (Line number 3400 and after)*
Pilot No. 2 Sliding Window	5-89355-87
Copilot No. 2 Sliding Window	5-89355-88
Pilot No. 3 Fixed Window – Glass	5-89356-41
Copilot No. 3 Fixed Window – Glass	5-89356-42
Pilot No. 3 Fixed Window – Acrylic	65-16323-33
Copilot No. 3 Fixed Window – Acrylic	65-16323-34
Pilot No. 4 Eyebrow Window	5-89357-33
Copilot No. 4 Eyebrow Window	5-89357-34
Pilot No. 5 Eyebrow Window	5-89358-41
Copilot No. 5 Eyebrow Window	5-89358-42
Hump Seal Repair Kit	HSKBOEINGNB

*Fits pre-line number 3400 aircraft that have incorporated Boeing Service Bulletin 737-53-1295.

Stocks Worldwide

With inventories of cockpit windows maintained worldwide, PPG is able to service customers from global stocking locations.

Ordering Information

Orders may be placed through PPG Aerospace's worldwide network of application support centers (ASCs). For the ASC nearest you, visit www.ppgaerospace.com.

In North America, call toll-free +1 (800) AEROMIX.

Pricing, warranty and delivery details are available from your PPG Aerospace – Transparencies sales representative.



PPG Aerospace
Transparencies

PPG Industries, Inc.
1719 US Highway 72 East
Huntsville, Alabama 35811 USA
Telephone +1 (256) 851-7001

Sierracin/Sylmar Corp.
12780 San Fernando Road
Sylmar, California 91342 USA
Telephone +1 (818) 362-6711

Ampaspace S.r.L.
Via Delle Tre Venezie, 10
26010 Casaleto Vaprio (CR), Italy
Telephone +39 0373 272 011



Nesatron and Surface Seal are registered trademarks of PPG Industries Ohio, Inc.

This document is not a representation of FAA/EASA/CAAC or any other regulatory authority's approval of the document or its contents, or as a representation of the accuracy or adequacy of the technical data contained herein for the purposes of maintaining or completing any repair, overhaul or modification in compliance with the requirements by any regulatory authority.