

Cockpit windows 757 airplanes



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Description

PPG'S aerospace business is a leading and experienced source for replacement windshields and side cockpit windows for 757 airplanes. PPG provides the latest enhancements for replacement windshields and glass or acrylic side cockpit windows. In addition, PPG offers overhaul and repair of the No. 2 framed window assembly.

New or exchange

For operators of 757 airplanes, PPG provides options to meet transparency replacement needs.

Operators can buy new replacement windshields and side cockpit windows from PPG and enjoy the convenience and time savings of buying directly from a single source for their entire fleet of aircraft produced by The Boeing Company.

PPG's exchange program for 757 windshields and acrylic No. 2 and No. 3 side cockpit windows offers cost savings over new parts. Operators return a windshield or acrylic side cockpit window to PPG and receive a new or rebuilt replacement part from stock, affording the most efficient turn times.

PPG produces windshields for 757 airplanes with either the original screw-type terminal block or recommended pin-and-socket terminal block.¹ PPG replacement windshields for 767 or 777 airplanes can also be installed in 757 airplanes with the corresponding terminal block configuration.² This enables operators to simplify inventory stocking.

Surface Seal® coating system

Surface Seal coating system by PPG is the supplemental windshield rain removal system approved by The Boeing Company for 757 airplanes. The proprietary PPG coating system is standard on the latest engineering version of PPG replacement windshields for these airplanes. 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.

¹ Refer to Boeing Service Bulletin 757-30-19 for 757-200 model airplanes and to Boeing Service Bulletin 757-30-20 for 757-300 model airplanes for information about changing older aircraft connections to be compatible with the pin-and-socket connection.

² Check the Illustrated Parts Catalog for the interchangeable part numbers.

Main windshield

Features	Benefits
Herculite® II chemically strengthened glass	<ul style="list-style-type: none"> • High strength-to-weight ratio • Lightweight window • Superior optical quality • Chemical, abrasion and scratch resistance
Urethane interlayer	<ul style="list-style-type: none"> • Provides maximum adhesion for resistance to delamination and extends service life • Elasticity at low temperatures reduces potential for delamination and cold chipping
Nesatron® anti-ice heating system	<ul style="list-style-type: none"> • Full-coverage heating • Excellent heating uniformity • Optical clarity • No burnout from electrical hot spots • Graded heat zones
Two terminal block options	<ul style="list-style-type: none"> • Screw-type allows installation in similarly-equipped 767, 777 aircraft • Pin-and-socket-type allows installation in similarly-equipped 767, 777 aircraft • Simplified inventory

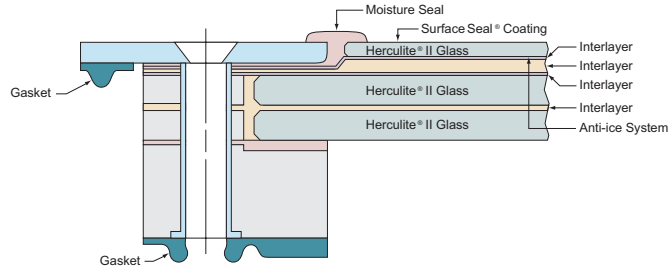
Sliding and fixed aft windows

Features	Benefits
All-glass or acrylic design	<ul style="list-style-type: none"> • Purchasing flexibility
All-glass design	<ul style="list-style-type: none"> • Excellent chemical resistance and toughness • Antifog heating system
Acrylic design	<ul style="list-style-type: none"> • Lightweight • Repairable • Antifog heating system

Cockpit windows

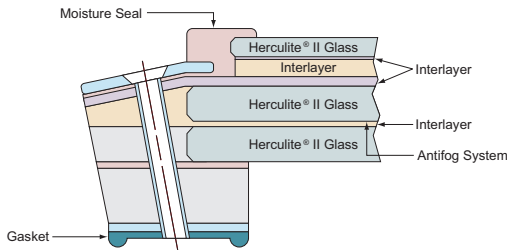
757 airplanes

Main windshield

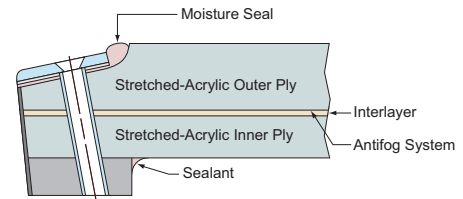


No. 2 sliding window

Glass

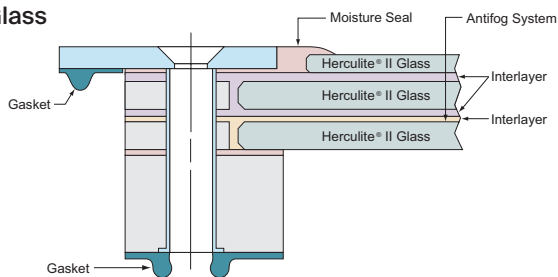


Acrylic

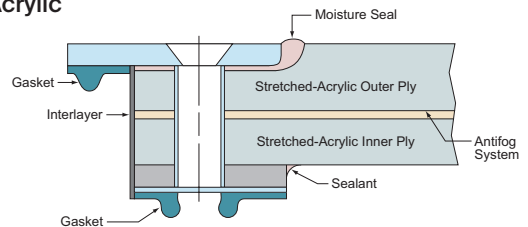


No. 3 fixed aft window

Glass



Acrylic



Part numbers

Pilot Windshield (screw-type terminal block).....	141T4801-49
Copilot Windshield (screw-type terminal block).....	141T4801-50
Pilot Windshield (pin/socket terminal block).....	141T4801-59
Copilot Windshield (pin/socket terminal block).....	141T4801-60
Pilot No. 2 Sliding Window - Glass.....	141N4890-1
Copilot No. 2 Sliding Window - Glass.....	141N4890-2
Pilot No. 2 Sliding Window - Acrylic.....	141N4810-13
Copilot No. 2 Sliding Window - Acrylic.....	141N4810-14
Pilot No. 3 Fixed Aft Window - Glass.....	141N4004-1
Copilot No. 3 Fixed Aft Window - Glass.....	141N4004-2
Pilot No. 3 Fixed Aft Window - Acrylic.....	141N4820-1
Copilot No. 3 Fixed Aft Window - Acrylic.....	141N4820-2
Hump Seal Repair Kit.....	HSKBOEINGWB

NOTE: Rebuilt windshields and overhauled acrylic cockpit windows are manufactured to the latest design approved by The Boeing Company and supplied with the latest part numbers. PPG and Sierracin/Sylmar rebuild all prior configurations (dash numbers and revision letters).

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This document has been reviewed by the PPG Aerospace Export Control Department and has been determined to contain only EAR99 controlled data.

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'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 sales representative.

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