

# TECHNICAL DATA

## COCKPIT AND PASSENGER-CABIN WINDOWS

**Bombardier\* Global\* Express\*, Global 5000\*, Global Express XRS\*, Global 5000 Bombardier Vision\* Flight Deck and Global 6000\***



Image provided courtesy of Bombardier Inc.

PPG Aerospace – Transparencies is a leading and experienced manufacturer of replacement windshields, side cockpit windows and passenger-cabin windows for *Bombardier Global Express, Global 5000, Global Express XRS, Global 5000 Bombardier Vision* Flight Deck and *Global 6000* airplanes.

In fact, PPG produces the original-equipment transparencies and spares available from Bombardier for *Global Express, Global 5000, Global Express XRS, Global 5000 Bombardier Vision* Flight Deck and *Global 6000* aircraft. As the OEM and spares supplier for Bombardier, PPG is able to provide operators with replacement transparencies that are the latest design configuration.

The main windshield is glass-faced acrylic, combining the toughness and chemical-resistance properties of glass with the weight-saving benefits of plastic. This design has been used successfully on many military, general aviation and large transport aircraft programs for decades.

PPG Aerospace manufactures all flight-deck and passenger-cabin windows for *Global Express, Global 5000, Global Express XRS, Global 5000 Bombardier Vision* Flight Deck and *Global 6000* aircraft, simplifying replacement with availability from a single source.

Operators know they can count on PPG Aerospace for transparencies that provide significant value because of their reduced life-cycle cost as a result of their exceptional service life.

### Main Windshield

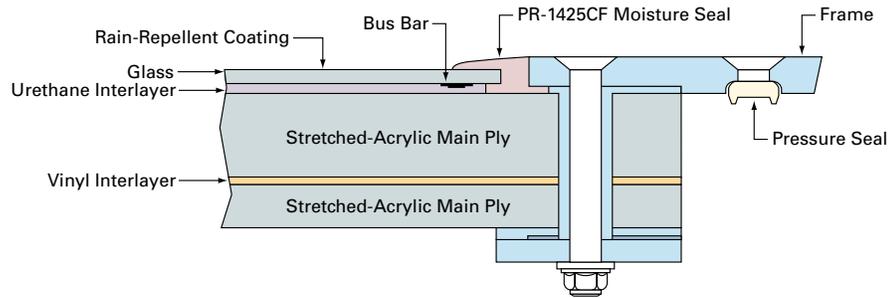
Features	Benefits
Glass-Faced Acrylic	<ul style="list-style-type: none"> <li>Combines toughness of glass with lightweight benefits of acrylic</li> <li>Design in use on many other commercial programs</li> </ul>
PR-1425CF Moisture Seal	<ul style="list-style-type: none"> <li>Chromate-free to be environmentally responsible</li> <li>Fast curing to get aircraft flying sooner after maintenance</li> <li>Low moisture vapor transmission for better resistance to moisture ingress</li> </ul>
Rain-Repellent Coating	<ul style="list-style-type: none"> <li>Hydrophobic coating improves water shedding for better visibility in rain conditions</li> </ul>
Original Equipment Manufacturer (OEM) Since Program Inception	<ul style="list-style-type: none"> <li>Latest design configuration and upgrades</li> <li>Approval recognized by worldwide aviation authorities</li> <li>Proven reliability</li> </ul>

### Side Cockpit Window

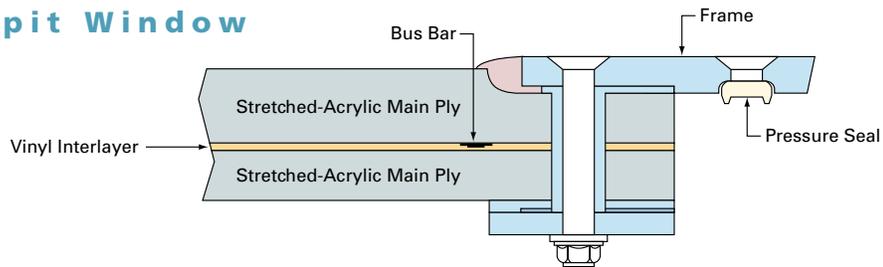
Features	Benefits
Stretched-Acrylic Plies	<ul style="list-style-type: none"> <li>Lightweight</li> </ul>
Original Equipment Manufacturer (OEM) Since Program Inception	<ul style="list-style-type: none"> <li>Proven reliability</li> </ul>

# BOMBARDIER GLOBAL EXPRESS, GLOBAL 5000, GLOBAL EXPRESS XRS, GLOBAL 5000 BOMBARDIER VISION FLIGHT DECK AND GLOBAL 6000

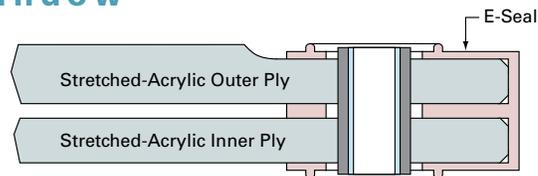
## Main Windshield



## Side Cockpit Window



## Passenger-Cabin Window



### Part Numbers

Pilot Windshield . . . . .	178500-15
Copilot Windshield . . . . .	178500-16
Pilot Side Cockpit Window . . . . .	178600-07
Copilot Side Cockpit Window . . . . .	178600-08
Passenger-Cabin Window . . . . .	178900-03
Hump Seal Repair Kit . . . . .	HSKGLOBAL

### Hump Seal Repair Kits

A windshield's outboard moisture seal, or hump seal, is subjected to wind and rain erosion and UV exposure, causing it to degrade over time. A well-maintained seal protects against moisture ingress, a leading cause of premature service life failure. Seals can be repaired to OEM specification using

PPG hump seal repair kits. Designed for specific aircraft, the kits contain everything needed to perform on-wing repair of outboard moisture seals and extend windshield service life. Ask your PPG representative for details.

### Ordering Information

Orders may be placed through PPG Aerospace's worldwide network of application support centers (ASCs) and sales offices. For the ASC or sales office nearest you, visit [www.ppgaerospace.com](http://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.



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