PPG’s aerospace business is a leading and experienced source of original equipment, replacement windshields and side cockpit windows for the Airbus A320 single-aisle jetliner family. Using new, proprietary technologies, PPG has enhanced the design of the windshields and side cockpit windows to improve field performance, reduce maintenance downtime and related costs, and lessen the environmental impact of aging and removed transparencies.

A clamped design for the side cockpit windows allows the frame retainer and window panel to be installed as a complete assembly while being discrete components. Undamaged frame retainers can be reused when only window panels need to be replaced.

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 Airbus single-aisle jetliner fleet. PPG provides the latest engineering version so operators know they are flying the most reliable cockpit windows.

PPG sliding and aft fixed cockpit windows are available as complete framed window assemblies or as window panels for installation into airworthy frame retainers. This affords operators more flexibility and better materials usage for cost savings by being able to purchase only window panel replacements when reusing the frame retainers, or installation ease when complete framed window assemblies are needed.

PPG’s repair program provides optimum cost savings. Services for windshields and side cockpit windows include scratch removal, hump seal repair, terminal block repair, gasket remodeling and SURFACE SEAL® coating application. In addition, the No. 2 framed window assembly can be overhauled and repaired.

**Surface Seal® coating**

*Surface Seal* hydrophobic coating improves water shedding on PPG glass-faced windshields. When ordering spare PPG windshields or having repairs made, ask for *Surface Seal* coating. The coating can be field applied to windshields on in-service aircraft with *Surface Seal* coating system kits.
Cockpit windows for Airbus A320 Family (all CEO and NEO models)

**Main windshield**

![Diagram of Main Windshield]

**No. 2 sliding window**

![Diagram of No. 2 Sliding Window]

**No. 3 aft fixed window**

![Diagram of No. 3 Aft Fixed Window]

**Part numbers**

- **Pilot windshield** .................................. NP165331-1
- **Copilot windshield** ................................. NP165331-2
- **Pilot number-two sliding window**
  - assembly .......................... NP165332A1
  - Window panel ......................... NP165332B1
  - Frame retainer kit ................... NP165332C1
- **Copilot number-two sliding window**
  - assembly .......................... NP165332A2
  - Window panel ......................... NP165332B2
  - Frame retainer kit ................... NP165332C2
- **Pilot number-three aft fixed window**
  - assembly .......................... NP165333A1
  - Window panel ......................... NP165333B1
  - Frame retainer kit ................... NP165333C1
- **Copilot number-three aft fixed window**
  - assembly .......................... NP165333A2
  - Window panel ......................... NP165333B2
  - Frame retainer kit ................... NP165333C2
- **Hump seal repair kit** ............................. HSKAIRBUS

**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 aerospace 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 sales representative.

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