

TRANSPARENCY SERVICES

FALL 2007

PPG now offers operators in China local single-source service for framed window assembly overhaul and repair

PPG Aerospace – Transparencies is recognized around the world as a longtime manufacturer of original-equipment and aftermarket aircraft transparencies. With its continued customer commitment, PPG has expanded capabilities with component overhaul and repair services for framed window assemblies at its Application Support Center (ASC) in Suzhou, China.

PPG's typical overhaul process includes:

- Disassembly, cleaning and inspecting of the unit according to the Component Maintenance Manual (CMM)
- Stripping paint from the frame
- NDI/magnetic particle inspection
- Inspecting, cleaning, priming and repainting the frame
- Replacing worn, unserviceable and other detail parts
- Installing a PPG-rebuilt or new window
- Assembling, sealing, greasing and adjusting all mechanisms



Boeing 757 No. 2 framed assembly



Boeing 707/727/737 Classic No. 2 framed assembly

PPG's typical repair process includes:

- Cleaning and inspecting entire assembly according to the aircraft CMM
- Measuring and recording heater/sensor resistance
- Polishing to remove scratches on inboard and outboard surfaces of acrylic and glass windows
- Reworking polysulfide coating on exterior edges
- Replacing or reworking the seal
- Replacement or repair of all parts on assembly found during inspection to be worn or unserviceable

Overhauls, repairs

All framed window assemblies are overhauled or repaired onsite at PPG's new state-of-the-art operation in Suzhou that has been approved by the Civil Aviation Administration of China. All work is performed by experienced CAAC-approved technicians under PPG's CAAC repair station certificate.

Before work begins, units are inspected in accordance with the OEM CMM. Once the scope of work has been determined and agreed upon by the customer, the unit is then overhauled or repaired. All work is performed in compliance with all applicable Airworthiness Directives, Service Bulletins and customer Engineering Orders.

Turntimes

Because all of the work is performed in-house by PPG, turntimes are a fast seven to 15 days for repairs and 20 to 30 days for overhauls.

Warranties

As the OEM window manufacturer, PPG is able to handle warranties quickly and efficiently, too. PPG provides warranties for both the window panel and framed window assembly. For specific component warranties, please contact your PPG sales representative.

Framed Window Assembly Capabilities List

| Aircraft Model | Part | Framed Window Assembly Part Number |
|----------------------------|--------------------|------------------------------------|
| Boeing 707/727/737 Classic | #2 Framed Assembly | 5-71762-* |
| Boeing 737NG | #2 Framed Assembly | 141A4810-* |
| Boeing 757 | #2 Framed Assembly | 012N8771-* |
| | #2 Framed Assembly | 141N4850-* |
| Boeing 767 | #2 Framed Assembly | 015T0195-* |
| | #2 Framed Assembly | 141T0012-* |
| | #2 Framed Assembly | 141T4835-* |
| Boeing 777 | #2 Framed Assembly | 141T4835-* |

* Any and all revisions

Complete transparency capabilities

PPG is pleased to take the next step to provide airlines with this expanded overhaul and repair service. As a result of being both an original-equipment transparency manufacturer and a CAAC repair station, PPG is able to offer airlines the industry's most comprehensive capabilities.

In addition to framed window assemblies, PPG Aerospace – Transparencies can be your one source for all of your cockpit transparency needs:

- Boeing windshields – Repairs, rebuilds, exchanges and new spares
- Boeing framed window assemblies – Overhauls, repairs and spares

With global supplies of spare transparencies stocked at strategic locations around the world, PPG can get you the parts you need when you need them.

For more information, please contact your PPG Aerospace – Transparencies sales representative or customer service representative.



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