

### McDonnell Douglas (Boeing) F-4 windshield



U.S. Air Force photo/Senior Airman Christina D. Kinsey

#### Center windshield

Features	Benefits
Multiple glass plies	<ul style="list-style-type: none"> <li>• Structural strength</li> <li>• Demonstrated durability</li> <li>• Excellent maintainability</li> </ul>
Ground and polished glass	<ul style="list-style-type: none"> <li>• Superior optics for aircrew visibility and gun-sight viewing</li> </ul>
OEM manufacturer	<ul style="list-style-type: none"> <li>• Worldwide customer and technical support</li> </ul>

PPG's aerospace transparencies business is the leading and most experienced manufacturer of windshields, canopies, windows, blast barriers and specialty transparencies for military applications. With the industry's broadest capabilities, PPG is able to design and produce advanced-technology transparencies to meet the demanding requirements of military flight operations

PPG offers a variety of transparent structural materials to meet specific design and performance requirements. They include chemically strengthened glass that provides superior strength and durability, special-composition glass that incorporates enhanced optical properties such as high light transmittance, acrylic that is strong and lightweight, and polycarbonate that has superior impact resistance and a high strength-to-weight ratio. PPG interlayers bond the plies together and provide bird-impact resistance and pressure "fail-safe" capability. In-house capabilities allow PPG to engineer and produce interlayers specially tailored to aerospace applications.

PPG offers advanced coatings that protect transparencies and aircrews from various operational or environmental threats. PPG SIERRACOTE™, NESA® and NESATRON® thin metal films form the basis of anti-ice/anti-fog electrical heating systems. Other PPG advanced coatings and technologies help protect transparencies and aircrews from operational or environmental threats, and provide a variety of performance enhancements. A few of these are solar heat reduction, laser protection and electromagnetic interference (EMI) shielding. Such technologies are designed to be compatible with night vision systems and other optical requirements.

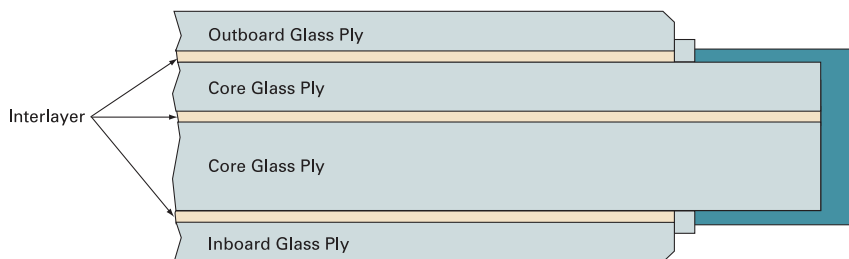
PPG transparencies have flown more military missions than those of any other supplier. The company is unsurpassed in its transparency technical capabilities and infrastructure, OEM and operator support, and ability to supply parts worldwide on a timely and affordable basis.

#### Additional information

Details on pricing, warranty and delivery are available by contacting your PPG aerospace transparencies sales representative or customer service representative.

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## Center Windshield



## Part Numbers

### Center windshield

U.S. national stock number 1560-00-437-5445

McAir part number 32-35007-17

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