

NEWSRELEASE

Precision Glass & Optics (PG&O)

3600 West Moore Ave.
Santa Ana, CA 92704
Contact: Thad Sanchez, Director of Sales
Phone: 714-540-0126
Fax: 714-540-1482
Email: info@pgo.com
Web Site: www.pgo.com

Media Contact: Marlene Moore
Smith Miller Moore Inc.
Phone: 818-708-1704
Email: marlene@smm-ads.com

For Immediate Release

Precision Glass & Optics Offers Custom Coatings for Avionic Displays

February 8, 2011 – Santa Ana, CA – Precision Glass & Optics (PG&O), global experts in optical manufacturing and precision thin film coatings, announces the design and development of custom optical filters for PRP Optoelectronics, the largest independent manufacturer of LED-based display technology (Towcester, England). PG&O is providing precision narrow-cone-angle optical filters for PRP's custom avionics displays.

The specialized thin film filters designed by PG&O are integrated into PRP Optoelectronics' avionics displays to modify the viewing angle and eliminate unwanted stray light that would otherwise distract the pilot(s) and cockpit crew.

The new optical coatings' operational wavelengths and angle requirements are customized for sensitivity to nighttime lighting. The precision thin film filters make it easier for the pilot to read the altimeter, the air speed indicator display, etc., in all lighting conditions, even at night. This advanced technology resolves what has formerly been a very serious challenge in military and commercial cockpit display/lighting ergonomics.



Precision Glass & Optics provides high performance optical components and thin film coatings for the most demanding tasks. The company also houses an extensive glass inventory and can provide quick turnaround on a large variety of glass and thin film coated optical materials, from square, rectangular, and/or circular parts, to complex shapes and all types of precision optical prisms. In addition to optical coatings, the in-house facility has state-of-the-art glass fabrication equipment, including grinding, polishing, machining, scribing, engraving, CNC, and assembly. These can either be customized to exact specifications or shipped from in-stock items, within a 48-hour turn around, for time-critical projects. Industries served include military/defense, biomedical, life sciences, industrial, solar, imaging, aerospace, scanning, digital cinema, astronomy, laser manufacturing industries, and more. For more information, please visit: www.pgo.com.

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Precision Glass & Optics – www.pgo.com – PG&O has delivered excellent quality glass, optics, and optical coatings for a variety of applications for over 25 years. The company offers an extensive materials inventory plus a full optical fabrication shop, three large coating chambers, and an expert, in-house engineering staff, for added convenience. Our cost-effective and reliable optics and advanced thin film coatings are ideal for military, aerospace, biomedical, imaging, laser, digital cinema, solar markets, and more.

PRP Optoelectronics – www.prpopto.com – PRP designs and manufactures custom optoelectronic modules and microelectronics for avionics, military, law enforcement, instrumentation, thermal imaging, optical systems, printing, automotive, telecommunications, medical, scientific, and more. Customer-focused, the company specializes in LED-based display technology and is the world's largest independent supplier of custom hybrid and monolithic LED displays. Other products include drive electronics and control and interface electronics based on conventional, MCM-L, MCM-C and MCM-D technologies.