



APPLIED OPTICAL CENTER

Capabilities Statement

Company Overview

Applied Optics Center (AOC), a distinguished division of Optex Systems, Inc., specializes in advanced optical engineering, precision thin-film coatings, and meticulous opto-mechanical assembly. Our extensive expertise and state-of-the-art capabilities serve diverse industries, including defense, aerospace, and industrial sectors. We proudly provide tailored solutions to the Department of Defense, ensuring products meet or exceed rigorous First Article Test (FAT) standards.

Core Competencies

High Volume Thin-Film Coatings

- Laser Blocking Specialists
- High Laser Damage Threshold Coatings
- High-Efficiency Anti-Reflective (HEAR) Coatings for Infrared (IR) materials
- Metallic and Dielectric Thin-Film Coatings

Precision Opto-Mechanical Assembly and Bonding

- Expert optical assembly at sub and system levels
- Specialized bonding capabilities:
 - Glass-to-Glass
 - Glass-to-Metal
 - Plastic-to-Plastic

Custom Reticle Solutions

- Custom-designed reticles built and developed in Texas

- Reticle design and manufacturing coming soon. AOC is in the process of establishing reticle production along with engineering design support.
- Reticles can be produced to your existing drawings and design or we can support developing a new design to fit your product.
- Sample availability starting Q4 2025

Differentiators

- Custom-engineered optical solutions tailored to unique client requirements
- Exceptional precision in optical assembly and bonding
- Proven track record of delivering high-performance, durable optical coatings designed for demanding environments

Facilities & Equipment

- Advanced production facility in Dallas, Texas, equipped for high-volume manufacturing and precision optical production
- Comprehensive in-house testing and quality assurance procedures to meet stringent industry standards

Contact Information

Bill Bates - General Manager

Desk: 972-629-1717 | Cell: 214-250-4868

bbates@optexsys.com

A Division of Optex Systems, Inc.
9827 Chartwell Drive, Dallas, Texas 75243
www.optexsys.com