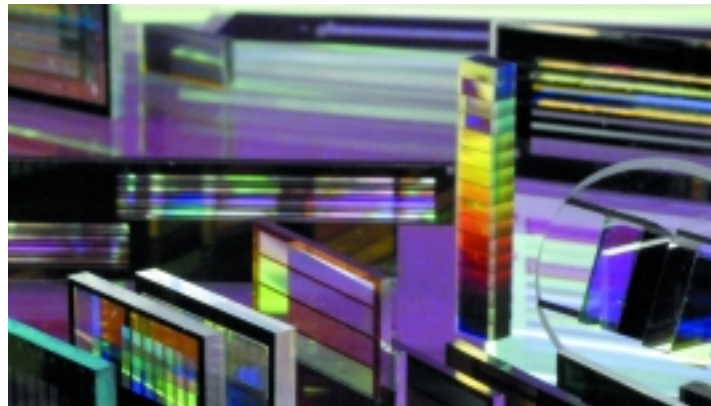


## FILTERS AND COATINGS FOR AEROSPACE

### Overview

Barr Associates, Inc. is the world's largest independent designer and manufacturer of precision thin film coatings and optical filters. Although we have built a strong heritage in the aerospace market, Barr continues to advance the science, technology and engineering of these key components.



### BARR'S STRONG HERITAGE

- Filters and coatings: our only business
- Over 100 space flight instrument programs served
- Over 35 years of continuous support to the space and defense communities
- Both scientific and operational programs
- Multiple agencies served, international stature
- Range of products including all filter and coating types UV to LWIR

### INNOVATIVE PRODUCTS

- Multi-spectral imaging filters for missile defense and ISR
- Filters and coatings for CM and CCM
- Ultra-high performance coatings for HEL weapons
- Advanced optically hardened coatings
- EO-IR filter arrays for UAV and U2 sensors
- Rugate filters including LEP

### NOTABLE STATISTICS

- 70 deposition systems
- Continuous service to the space community for over 35 years
- Space flight instruments fitted with Barr filters: 100+ (not including classified)
- Multi-spectral filter assemblies delivered
- Over 5,000 for tactical and commercial
- Over 500 for space and strategic defense
- Over 25 different programs, over 15 years
- Demonstrated longevity of Barr space filters (manufacture to mission end), some examples:
  - Galileo, 24 years
  - Nimbus 7, 16 years
  - Hubble / WFPC2, over 14 years
  - Land Sat 7, MODIS, MISR all over 10 years
- PAVEWAY
  - over 100,000 filters
  - over 15 years, NO rejects since initial qualification.



# BARR

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*Relationships Through Technical Excellence and Integrity*

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