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FOR IMMEDIATE RELEASE

**AIRWARD DELIVERS SHIPMENT OF THERMAL RESISTANT CONTAINERS
Aerospace Leader Supplies Industry with First Government Compliant Containers**

Houston, Texas, May 29, 2009 – AirWard Corporation, a subsidiary of Astrotech Corporation (Nasdaq: ASTC), announced today that it has delivered its first shipment of certified containers that meet the Department of Transportation (DOT) requirements under Rule HM-224B. The order was manufactured at AirWard’s facilities in Houston, Texas and delivered to the customer earlier this week.

“We are proud to provide the airline industry with the first certified containers that comply with the new federal requirements for the transport of oxygen cylinders,” said Thomas B. Pickens, chairman and chief executive officer for AirWard. “By delivering the first shipment of certified thermal resistant containers, we are taking a critical step for the industry by making air travel and cargo transportation safer.”

AirWard has developed a suite of containers that meet or exceed all critical requirements of Rule HM-224B (CFR 49 Parts 173, 175 and 178), including containers for the full range of aircraft oxygen cylinders ranging from 4.25 cf to 115 cf capacities. AirWard is the first company to deliver certified products meeting the new DOT requirements.

About AirWard Corporation

AirWard Corporation, an Astrotech Corporation (Nasdaq: ASTC) subsidiary, was formed to provide a solution to meet the Department of Transportation’s 2009 requirements for safe and reliable compressed oxygen cylinder and oxygen generator transportation. Utilizing Astrotech’s 25-year legacy in the development of habitat and laboratory modules and cargo carriers for NASA, the company has developed AirWard Hazardous Cargo Containers for the transportation of hazardous materials. For more information, visit www.airward.net

About Astrotech Corporation

Astrotech Corporation is one of the first commercial space companies and remains a strong entrepreneurial leader in the aerospace industry. The Company serves our government and commercial satellite and spacecraft customers with our pre-launch services from our Astrotech Space Operations subsidiary. Additionally, the Company incubates space technology businesses, now having formed three companies; the 1st Detect Corporation which is developing a breakthrough mini-mass spectrometer first created for the International Space Station; Astrogenetix, Inc. which is producing biotech products in space and has recently developed a vaccine candidate for Salmonella; and Airward Corporation which is drawing on its space heritage of sending cargo to space and is selling hazardous material containers for the airline industry.

The statements in this document may contain forward-looking statements that are made pursuant to the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are subject to risks, trends, and uncertainties that could cause actual results to be materially different from the forward-looking statement. These factors include, but are not limited to, continued government support and funding for key space programs, product performance and market acceptance of products and services, as well as other risk factors and business considerations described in the company's Securities & Exchange Commission filings including the annual report on Form 10-K. Any

forward-looking statements in this document should be evaluated in light of these important risk factors. The Company assumes no obligation to update these forward-looking statements.

FOR MORE INFORMATION:

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