

## FEATURES

FDS — Fast Delivery System...

Last Chance for ISA Boards!

Latest Software Releases

Motion Control and Positioning Library

## SUBSCRIBE/UNSUBSCRIBE

SUBSCRIBE/UNSUBSCRIBE to the Aerotech E-Newsletter.

## CONTACT US

### Aerotech, Inc.

Phone: 412-963-7470

Email: [sales@aerotech.com](mailto:sales@aerotech.com)

Web: [www.aerotech.com](http://www.aerotech.com)

### Aerotech Ltd.

Phone: +44-118-9409400

[sales@aerotech.co.uk](mailto:sales@aerotech.co.uk)

### Aerotech GmbH

Phone: +49-911-9679370

[sales@aerotechgmbh.de](mailto:sales@aerotechgmbh.de)

## TRADESHOWS

### Optifab 2007

Rochester Riverside Convention Center

Rochester, NY

Booth 1342

May 15-17, 2007

[www.spie.org/exhibitions](http://www.spie.org/exhibitions)

### Euspen International Conference

Bremen, Germany

May 20-24, 2007

[www.euspen.org](http://www.euspen.org)

### Automation Technology Expo East

Jacob K. Javits Convention Center

New York, NY

Booth 3219

June 12-14, 2007

[www.atxshow.com](http://www.atxshow.com)

## AEROTECH QUICK LINKS

[Knowledge Base - FAQs](#)

[Engineering Reference](#)

[Software & Manual Downloads](#)

[CAD Downloads](#)

[Job Listings](#)

Copyright © 2007 Aerotech, Inc.

## Introducing Aerotech's *Fast Delivery System* — High-Performance Stages, Motors, and Controllers When You Need Them

The following Q&A explains Aerotech's *Fast Delivery System (FDS)* that was recently implemented to provide our customers with quick turnaround times on common Aerotech stages, motors, and controllers.

### 1. What exactly is the *Fast Delivery System*?

The Fast Delivery System provides our customers with quick turnaround on off-the-shelf selected Aerotech stages, motors, and controllers. This program provides the customer with generic parameters to run the stages and motors, and each FDS order is set up and run as a system before it ships.

### 2. What products are available with this program, and what are typical turnaround times for each?

Aerotech currently offers ADRS-100, ADRS-150, and ADRS-200 rotary stages.

We will offer ATS115 and ATS165 linear stages beginning in June 2007.

Aerotech offers FDS on all of our 23 and 34 frame brushless rotary motors.

The Soloist™ CP motion controller is currently available under the FDS program.

Turnaround times are under 10 days for stages, and under 5 days for motors and controllers.

### 3. Are there any limitations to the program?

Limitations include multi-axis setup — only single-axis systems are currently included in the FDS.

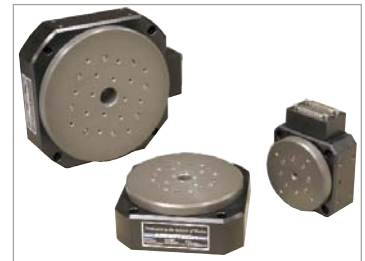
### 4. Does the program incur a cost premium?

There is no additional charge for this program.

### 5. Will this program include additional products in the future? If so, what products and when will they be available through FDS?

ALS1000 series stages are scheduled to be included in FDS in the early summer. ADRT-150-115 series rotary stages will also be included, starting in late summer 2007.

If you are interested in the Aerotech FDS program, please **CONTACT** us for further information.



ADRS Series Rotary Stages



ATS115/ATS165 Linear Stages



BM Series Brushless Motors



Soloist™ CP Motion Controller

## FEATURES

FDS — Fast Delivery System...

Last Chance for ISA Boards!

Latest Software Releases

Motion Control and Positioning Library

## SUBSCRIBE/UNSUBSCRIBE

[SUBSCRIBE/UNSUBSCRIBE](#) to the Aerotech E-Newsletter.

## CONTACT US

### Aerotech, Inc.

Phone: 412-963-7470

Email: [sales@aerotech.com](mailto:sales@aerotech.com)

Web: [www.aerotech.com](http://www.aerotech.com)

### Aerotech Ltd.

Phone: +44-118-9409400

[sales@aerotech.co.uk](mailto:sales@aerotech.co.uk)

### Aerotech GmbH

Phone: +49-911-9679370

[sales@aerotechgmbh.de](mailto:sales@aerotechgmbh.de)

## TRADESHOWS

### Optifab 2007

Rochester Riverside Convention Center

Rochester, NY

Booth 1342

May 15-17, 2007

[www.spie.org/exhibitions](http://www.spie.org/exhibitions)

### Euspen International Conference

Bremen, Germany

May 20-24, 2007

[www.euspen.org](http://www.euspen.org)

### Automation Technology Expo East

Jacob K. Javits Convention Center

New York, NY

Booth 3219

June 12-14, 2007

[www.atxshow.com](http://www.atxshow.com)

## AEROTECH QUICK LINKS

[Knowledge Base - FAQs](#)

[Engineering Reference](#)

[Software & Manual Downloads](#)

[CAD Downloads](#)

[Job Listings](#)

Copyright © 2007 Aerotech, Inc.

## Last Chance for ISA Boards!

Aerotech is discontinuing its line of ISA PC-board based motion controller, position synchronized output (PSO), and IO expansion cards. Prices have been significantly reduced and the remaining inventory is limited, so contact Aerotech [Customer Service](#) today!



[U500 Base/Plus/Ultra](#) four-axis, PC-bus motion controllers.

[PSO-PC](#) position synchronized output card.

[RDP-PC](#) four-axis encoder and IO interface expansion card.

[CLICK HERE](#) for more information on Aerotech ISA boards including availability, pricing, and specifications.

## Latest Software Releases

This section lists the latest revisions of Aerotech software, providing a handy method of checking to see that your Aerotech software, and hence your Aerotech system, is working at peak efficiency. All Aerotech software is available for instant download from our website — just click the software title! An entry in **red** means the software has been updated since our last newsletter.

Software	Version	Description
<a href="#">A3200 Digital Automation Platform</a>	Version 2.18	Nmotion® SMC Libraries and Utilities, Ncontrol® Software Developers Kit, Nview® HMI, Windows Help Files
<a href="#">U600 HMI</a>	Version 6.00.136	Windows® HMI
<a href="#">U600 SDK</a>	Version 6.00.136	U600 Software Developers Kit
<a href="#">U600 LIB</a>	Version 6.00.136	Windows® Help File, U600 Libraries and Utilities
<a href="#">U500 PC-Bus-Based Controller</a>	Version 5.22	Windows® HMI and Windows® Help File
<a href="#">U511 Stand-Alone Controller</a>	Version 5.22	Interface Software and Windows® Help File
<a href="#">Soloist Single Axis Controller</a>	Version 2.05	Interface Software and Windows® Help File
<a href="#">Ensemble</a>	Version 1.00	<b>Please contact Aerotech for more information.</b>

## FEATURES

FDS — Fast Delivery System...

Last Chance for ISA Boards!

Latest Software Releases

Motion Control and Positioning Library

## SUBSCRIBE/UNSUBSCRIBE

[SUBSCRIBE/UNSUBSCRIBE](#) to the Aerotech E-Newsletter.

## CONTACT US

### Aerotech, Inc.

Phone: 412-963-7470

Email: [sales@aerotech.com](mailto:sales@aerotech.com)

Web: [www.aerotech.com](http://www.aerotech.com)

### Aerotech Ltd.

Phone: +44-118-9409400

[sales@aerotech.co.uk](mailto:sales@aerotech.co.uk)

### Aerotech GmbH

Phone: +49-911-9679370

[sales@aerotechgmbh.de](mailto:sales@aerotechgmbh.de)

## TRADESHOWS

### Optifab 2007

Rochester Riverside Convention Center

Rochester, NY

Booth 1342

May 15-17, 2007

[www.spie.org/exhibitions](http://www.spie.org/exhibitions)

### Euspen International Conference

Bremen, Germany

May 20-24, 2007

[www.euspen.org](http://www.euspen.org)

### Automation Technology Expo East

Jacob K. Javits Convention Center

New York, NY

Booth 3219

June 12-14, 2007

[www.atxshow.com](http://www.atxshow.com)

## AEROTECH QUICK LINKS

[Knowledge Base - FAQs](#)

[Engineering Reference](#)

[Software & Manual Downloads](#)

[CAD Downloads](#)

[Job Listings](#)

Copyright © 2007 Aerotech, Inc.

## Motion Control and Positioning Library

This resource provides a short summary and a link to articles, tutorials, white papers, and other materials that discuss problems and solutions involving motion control and positioning equipment and systems.

## Articles

### Digitizing a Century of Astronomical Images

Aerotech's ABL9000 air-bearing stage is put to use to efficiently digitize more than 500,000 photonegatives. For more information on this article, click [HERE](#).

### Two-Photon Polymerization: A New Approach to Micromachining

Femtosecond lasers enable microfabrication with resolution beyond the diffraction limit. Read the full article [HERE](#).

### Aerotech Pushes Mechatronics Envelope with Motion Systems

An interview with Dr. Robert Novotnak discussing how mechatronics is employed in high-precision motion control. Read the full interview [HERE](#).

### Precise Triggering of External Events Based on Axis Position

An axis-based trigger in the controller can significantly improve part quality, reduce cycle time, and eliminate processing problems. This article discusses Aerotech's unique PSO (Position Synchronized Output) option. Read the full article [HERE](#).

### Linear Motors Application Guide

A tutorial guide to the history, design, and application of linear motors. Get the PDF [HERE](#).

### Air Bearings Aid Assembly of Flat Panel Displays

Many manufacturing processes for flat panel displays (FPDs) require precision motion control for feature generation and inspection. Aerostatic bearings are an excellent choice for many of these processes. Read the full article [HERE](#).

### Kinematics and Precision Stages Drive Laser Welding

Real-time kinematics coupled with direct-drive positioning systems provide the highest performance solution for laser seam-welding applications. Read the full article [HERE](#).

### Applications Dictate Gimbal Selection

The choice between [direct-drive](#) and [gear-driven](#) gimbals and optical mounts presents an opportunity for a comparison of the pros and cons for each. Read the full article [HERE](#).

## Search the Aerotech Article Archive

## Standards Organizations

### 1394 Trade Association

<http://www.1394ta.org>

### ISA, the International Society for Measurement and Control

<http://www.isa.org>

### IEC

<http://www.iec.ch>

### ISO

<http://www.iso.org>