



ACM

Aerospace Components
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ACM UPDATE
January 31, 2021
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Aerospace Components Manufacturers, Inc.

The World's *Aerospace Alley!*[®]

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ACM is pleased to welcome our newest member

Enjet Aero- New Britain

Welcome New ACM Member

Enjet Aero New Britain

150 John Downey Drive
New Britain, CT 06051

www.enjetaero.com

Enjet Aero New Britain

Contact Info:

Paul Marchand
President-New Britain location

Phone: 860-801-9632

Email: paul.marchand@enjetaero.com

Enjet Aero manufactures precision machined and fabricated components and assemblies for jet engines. With 6 manufacturing locations using highly automated equipment, a centralized engineering and programming team, and an integrated operating model we are ready, willing, and able to exceed our customers' expectations.

Enjet Aero's capabilities are concentrated on hot-section engine components and assemblies for the commercial, defense and general aviation industries.

Contact us for a quote or more information on how we can help your business succeed.

Business Development

The **Business Development Team** held its first team webinar meeting of 2021 on January 19th utilizing Zoom. The meeting was well attended with 54 members on the Zoom.

As we are all struggling with the "new normal" and I hope you found value in the webinar. Our plans are to continue to utilize Zoom meetings to hold future Business Development Team Meeting's until such a time when we can be face to face, and even have our bagels, coffee and networking sessions.

As we are all aware most tradeshow have been postponed, cancelled, or gone to a virtual platform. Recently it was just announced that the **Paris Air Show**, set for the week of June 21st has been cancelled due to uncertainty related to the impact of the novel COVID-19 coronavirus.

With this news **Laura Jaworski, DECD**, reached out to the ACM to let us know about the **Kallman** offerings. Knowing this would be of interest to ACM Members, **Laura** facilitated a meeting with the

ACM and Kallman Worldwide. Paul Murphy spoke to Mike Petrassi to review the offering and requested Mike and Laura present a **whole new way of doing business at international trade events.**

With tradeshows being a cornerstone of our industry, and a way to network with the world's aerospace and defense markets, **Kallman Worldwide** has developed innovative digital solutions that enable their clients to continue to connect with their target business audience. **Kallman's** digital program delivers topical, **fast-paced events** - they are **immediate and safe** and **just like physical trade shows**, they revolve around **one-on-one conversations** between trade show attendees and U.S. executives ready for business.

The Business Development meeting kicked off with **Mike Petrassi, Kallman Worldwide** presenting on their digital opportunities to showcase your business and network with other businesses in virtual tradeshow settings, such as the **Paris Airshow**. **Mike** demonstrated how this technology works and is effective and presented 2 plans of engagement to provide virtual booths at up to 11 worldwide shows per year.

Following **Mike's** presentation was **Laura Jaworski, DECD**, who spoke to the **STEP Grant** that can provide **financial assistance** to qualified businesses of up to 75% of the cost of the **Kallman** program.

Many ACM members have participated over the years in the CT booth at the Paris and Farnborough Air Shows and have utilized STEP Grants with great success.

To view the **PowerPoint Presentations** from the webinar please go to the ACM website under News & Events/ ACM News or [Click Here](#)

Industry News / Meetings / Tradeshows:

Feedback: Most tradeshows have been cancelled

Upcoming Industry Meetings: Most tradeshows have been cancelled

If you know of virtual Industry meetings, please pass that info along to me so I can share with the membership.

We look forward to members attending to provide feedback on these events.

If you know of other shows and events that may be of interest to our membership, please forward to pmurphy@acm-ct.org

Materials Procurement Update

Material Resources Planning Team: A collaboration among service center ACM member companies to report on factors influencing pricing, trends, availability & lead times for raw materials used in aerospace manufacturing.

THE SMALLIDGE REPORT:

Tim Regan, Yarde Metals provided this update on the materials markets. Many thanks **Tim**.

Global metal prices have rebounded. In October 2020, domestic steel prices reached their highest point in over a year following a stimulus to the manufacturing sector. Aluminum prices have also recovered. Domestic mills restrained their production capacity as they were wary of another Covid slump following the virus surge during the holidays.

In many countries, metals intensive industries were among the first to begin recovering from the recession. Steel demand in China is expected to grow 8% in despite the pandemic. Due to the robust

demand in China coupled with tariffs that remain in place, the global demand forecast has been revised upwards which continues to push mill pricing higher.

Aerospace is seeing some positive recovery also pressing stainless demand. Commodity pricing and surcharges peaked as service centers restocked for 2021. Mill surcharges between .05-.10/lb. are coming into effect January 22nd. I am told we should expect another surcharge increase in February.

Another contributing factor that is pressing demand in the immediate future is the automotive market. It slowed during COVID-19 but is coming back with EV's (electric vehicles) that are run on batteries requiring a lot of Nickel. There is also a shortage of semi-conductor chips which are used in the manufacture of smart vehicles, appliances, etc.

We are seeing stainless mills quoting their lead times out to June and July currently. Domestic Aluminum extruded bar is out 11 - 13 weeks, foreign 16 weeks. Domestic Heat Treat plate is at 6-8 weeks.

Roundtable Discussion:

This is what I think we all miss the most, at least I do. While it is difficult to conduct a Zoom meeting with 50+ microphones having the potential to be on, I think we managed pretty well, and we will continue to have these open mic meetings monthly. This is still relatively new to all and I truly believe we will get better and better once all become adjusted and more comfortable with these types of virtual meetings.

- The roundtable discussion was mainly consumed by talk on the vaccine rollout and it is very apparent that is a major topic of interest and a concern to all. Information literally can change by the hour and it is difficult to stay current. The **ACM** is reaching out for guidance on a constant basis and that is ***fueled by what the ACM hears from you. Please let me know your questions and concerns so I may seek the answers for you.*** The **ACM** has requested, through the **State's Chief Manufacturing Officer**, that a representative of the **DPH** address the vaccine concerns of our membership.

Here is a link for the most up-to-date information on COVID-19 vaccination distribution plans in Connecticut [Click Here](#)

Here is a link to register into the VAMS system [Click Here](#)

Future Business Development Meetings:

The next meeting webinar will be on Tuesday February 16th at 8:00am.

We look to make future webinars engaging and informative so please plan to attend, contribute, and learn until such a time we may safely conduct meetings in person.

Future Business Development meetings:

March 9th, April 13th There is no meeting in May as we will hold our Annual Presidents Meeting as a webinar on May 20th at 2:30. Stay tuned for more information on the Annual Presidents Meeting.

Workforce Development

Due to the COVID-19 pandemic classes that were underway or hadn't started have been postponed until such a time when they are deemed safe to resume or start.

Classes Underway, Scheduled or Completed

We have once again commenced **Training Classes** under the **Incumbent Worker Training Grant**. **Kaman Precision Products** recently completed a **B/P Reading Class**, with 16 employees, and a **GD&T class** with 20 employees. The classes were conducted virtually on-line with an instructor. **Kaman** reported that the classes went well, and the employees & **Kaman** realized the benefit they had hoped for.

With these two classes it has been proven that virtual training classes are a valuable reality and of mutual benefit to the employee and the employer.

For the classes that were suspended due to the pandemic, we will be scheduling those to start/complete in a virtual on-line session. Please note that all classes will be held on-line virtually.

Classes that will be restarted or starting are:

Classes Suspended in March 2020 to Resume							
Class	Start Date	End Date	Company(s)	Schedule	Time	No. Classes	Attendees
B/P Reading	Jan 12	Feb 10	Jonal	Every Tue & Wed for 5 weeks	3:00-5:00	10	11
B/P Reading	Feb 11	Apr 15	Alpha Q	Every Thursday	3:00-5:00	10	7
Excel Intermediate	Jan 19	Feb 4	ATI, EA Patten, Phoenix Mfg, NEMF, Paramount Mfg	Every tue & Thur for 3 weeks	3:00-5:00	6	8
B/P Reading	Feb 14	Mar 24	ATI	Every Wednesday	3:00-5:00	6	2
Front Line Supervisory	Feb 9	Mar 2	Jonal, Accu-Rite Tool, Winslow, PTP, Phoenix Mfg, PTI, Perry Tech, Bauer	Every Tuesday	10:00-12:00	4	15

The Shop Math 2 class has been cancelled and will restart at a later date to be determined. Training class cost and books are reimbursed through the ACM IWT Grant at 50% and we are funded through May 2021 for training. I will be working with the Workforce Development Team to provide additional classes for 2021 as well as securing grants for those additional classes.

If you have training needs, please contact **Paul Murphy** pmurphy@acm-ct.org as we hope to resume new class for our fall sessions.

The next Workforce Team meeting will be on February 24th and presented as a Zoom meeting. Stay tuned for agenda and links.

Progressive Manufacturing

The **Progressive Manufacturing Team** lead by **Eric Schneider**, **Birken Manufacturing**, has been very active scheduling and holding technical seminars. Many thanks to **Eric, John Kornegay, Kevin Jensen, and Nick Wright** for all their efforts, it is greatly appreciated.

The Progressive Manufacturing Team held a planning session on January 21st and will be rolling out meeting topics for future meetings. The team has rescheduled the seminar that was postponed in December and will now be presented on **February 18th from 10:45 to 12:00**.

Machine Monitoring: Using Data to Create Opportunity on the Shop Floor

In the age of Industrial IoT, manufacturers who realize the benefits of smart technology will stay a step ahead of the competition in an ever-competitive landscape. Come learn how to improve your lean manufacturing process by supplying accurate shop floor productivity metrics to improve operations and make better decisions.

Hear how service provider Langlais Computer Consultants worked with Peening Technologies to provide a shop floor solution to machine monitoring.

More information and a link to the webinar will be sent out in early February.

Asset Monitor Your Complete Machine Monitoring Web Portal

Asset Monitor Control Panel Portal
By LCC Contact Sales: (865) 816-6345

Dashboard Supervisors Groups Reports Shop-Cam Configuration Logout

Refresh Tuesday, May 21, 2013 10:02:39 AM

Cell #1 (Description: Doosan Lathe Cell)

Image	Asset	Model	Program	Status	Value	Last Report	Parts	% On
	C-021	PUMA TL200M	On	O110	5/21/13 10:00:05 AM	8	36.49%	
	C-022	PUMA TL200M	On	O110	5/21/13 10:00:05 AM	8	36.51%	
	C-023	PUMA TL200M	On	O110	5/21/13 10:00:05 AM	7	36.99%	
	C-024	PUMA TL200M	On	O110	5/21/13 10:00:05 AM	8	37.32%	
	C-025	PUMA TL200M	On	O110	5/21/13 10:00:05 AM	8	40.34%	

Group Summary

Total Assets	5
Avg. % On	37.48%
Total Parts	39
Total Bad Parts	5
Overall Quality	87.18%

Program Cycle Performance (%) for 5/21/2013

Programs & Part Count Summary

Asset	Program #	Total Parts	Bad Parts	Quality
C-021-01	O 105	1	0	100.00%
C-021-01	O 107	5	0	100.00%
C-021-01	O 108	1	0	100.00%
C-021-01	O 101	1	0	100.00%
C-021-01	O 102	1	0	100.00%
C-021-01	O 104	3	1	66.67%
C-021-01	O 105	1	1	0.00%
C-021-01	O 106	1	0	100.00%
C-021-01	O 107	1	0	100.00%
C-021-01	O 108	1	0	100.00%
C-021-01	O 109	2	0	100.00%
C-021-01	O 101	1	0	100.00%
C-021-01	O 102	5	0	100.00%
C-021-01	O 103	2	1	50.00%
C-021-01	O 103	1	0	100.00%
C-021-01	O 104	1	0	100.00%
C-021-01	O 106	3	1	66.67%
C-021-01	O 107	1	0	100.00%

LCC

High Volume Cell Status Fri, 23 Feb 2018 11:47 AM

Machine Status: ● Alarm ● Operator Attn ● Running ● Completed ● Loaded/Unloaded

Machine	Program	Status	Time
Toyota 3	PN 300475	Running	17:29
Toyota 3	PN 300475	Alarm	00:14
Mitsui 4	PN 300475	Running	03:20
Mitsui 3	PN 300475	Running	05:06
Mitsui 2	PN 300475	Running	01:46
Mitsui 1	PN 300475	Running	02:00
PlyCutter 1	PN 300475	Running	00:10
PlyCutter 2	PN 300475	Running	05:06
PlyCutter 5	PN 300475	Running	01:40
PlyCutter 4	PN 300475	Alarm	00:26
PlyCutter 6	PN 300475	Running	02:37
PlyCutter 7	PN 300475	Running	00:03

Future **Progressive Manufacturing Team meetings**: March 18th, April 15th More info forthcoming on topic, time, and site.

Please save the 3rd Thursday of the month for the meetings; more information on the meetings will be distributed.

If you have suggestions for meeting topics or technical seminars, please reach out to **Paul Murphy** at pmurphy@acm-ct.org.

A Few Minutes with Murph

Like all of you, I am learning to adapt to a new way of conducting business. I know I inundated you early on in this pandemic with information I was receiving that I thought was of value to the membership. This seemed to be changing by the day and then by the hour. With that, I set out to make a separate webpage on the ACM website to provide a list of information. However, with the continued changes I found it almost impossible to keep up with all the changes.

What I did find was that there are other sources who have the resources to keep up to date information on their sites and I have listed them below for you.

As noted, things are changing daily and the forecasted registration of phase 1b is one of those things. Currently only persons 75+ are the only ones allowed scheduling vaccinations in phase 1b. Initially, 65-74 were expected to be registering at the end of January and frontline essential workers & individuals with underlying medical conditions by the end of February. Due to lower than forecasted vaccine supply, this has now slipped about 1-2 weeks with registration for 65-74 expected to open in February and Frontline and Individuals with underlying medical conditions expected to open up in

March - see website link and excerpt below. This does not mean those groups will get vaccinated then, it is when the registration process is expected to open. Some in the 75+ group have registered now but do not have appointments until March due to forecasted vaccine supply - these appointments would get pulled forward if the supply increases.

Upcoming Phases- Remaining Phase 1b

Next in phase 1b (likely February):

- Individuals between the ages of 65 and 74

Scheduling information on remainder of phase 1b coming soon (likely March):

•This phase will likely be for Frontline essential workers (final definition is forthcoming, but is likely to include healthcare personnel not included in Phase 1a, first responders, agricultural workers, including farmworkers, food service and restaurants, U.S. Postal Service workers, manufacturing workers, grocery store & pharmacy workers, public transit workers, food banks and meal delivery services for the elderly, education and child-care workers, solid waste and wastewater workers, inspectors working on site in the above locations, and frontline public and social services.) And Individuals with an underlying medical condition with increased risk for severe illness (to be defined).

CT COVID-19 Vaccine: Phases and Eligibility [Click Here](#)

**CDC COVID-19 Vaccine Communication Toolkit for Essential Workers:
Getting Started** [Click Here](#)

CT COVID-19 Vaccine: Phases and Eligibility [Click Here](#)

National Association of Manufacturers (NAM): [Click Here](#)

The NAM site has many resource links on COVID and the Vaccine

Please Save this Date

**ACM Annual Membership & Presidents Meeting
May 20th 2:30- 4:30 Webinar**

Due to the current pandemic upon us the board has decided to plan for the Annual Presidents Meeting to be virtual and have a plan B in the unlikely event we can hold this important meeting in person. While we will only be together virtually, without the networking the food and the drinks, it is imperative to hold this meeting and I am asking all member businesses to please set aside the time to attend.

The importance of this meeting is that we will be electing members to the ACM Board of Directors. The webinar will run from 2:30 to 4:30. **Pedro Soto**, ACM President, will provide his Presidents address and we will provide updates on our 3 committees, Business Development, Progressive Manufacturing and Workforce Development. We are in the process of securing a high level executive to be our featured speaker. We are also reaching out to others to provide insight into topics that are relevant to the ACM and our aerospace industry.

Please mark your calendars and plan to register you and your team. More info and registration will be forthcoming.

Topics of Interest

Too Often Overlooked, Talent Is an Important Piece of Digital Transformation

IndustryWeek Vanessa Akhtar Jan 27, 2021

Manufacturers increasingly view digital as a key transformation lever, yet they are also grappling with increased talent challenges as they seek to recruit younger, tech-savvy workers, retain current talent and manage an aging workforce.

To tackle these challenges, manufacturing leaders need to be thinking about how they can most effectively build and engage an employee base that is ready to tackle the digital transformations of today and tomorrow.

While many assume that digital tools are the key to capturing market share, the success of any digital transformation lies with an organization's people—not technology tools. As manufacturers look to set their digital transformation efforts up for success, they should be thinking about these efforts across three people dimensions: individuals, teams and the organization at large.



Thinking Differently About Team Leadership

“How” the transformation happens is just as, if not more, critical to success as “what” the transformation is. Those leading teams are uniquely positioned to create opportunities to energize and engage the members of those groups. As manufacturers use digital transformation to integrate new technologies, achieve operational excellence and better meet customer needs, managers and supervisors must start to think differently about how they lead.

To read the complete article [Click Here](#)

Lawyers advise agility, flexibility when it comes to employee vaccination issues

HBJ Liese Klein Jan 27, 2021

Agility has been crucial in Connecticut's vaccine effort so far and it's equally important for the state's employers when dealing with issues around COVID-19 vaccination, according to employment and healthcare attorneys.

Jennifer Pedevillano, a partner in employment law at Hartford's Halloran & Sage LLP, finds herself frequently calling clients back after a meeting to update them on changes in regulations relating to the constantly shifting pandemic. Many times, clients will also call her multiple times on the same issue as state and federal guidance evolves.

“There's always a new question for us to tackle,” Pedevillano said. “We've found a lot of clients have been reaching repeatedly during this time because of the changing legal landscape.”



To read the complete article [Click Here](#)

News From ACM Members

In work and life, Horst Engineering CEO Livingston pedals to success

HBJ Keith Griffin Jan 11, 2021

Scott Livingston's business accomplishments are many. Chief among them is being the third-generation president and CEO of privately-held Horst Engineering.

The East Hartford-based contract manufacturer specializes in making precision-machined components and assemblies for aerospace and other high-technology industries.

The company, which turns 75 in 2021, is in the midst of building a new headquarters at 141 Prestige Park Road in East Hartford. Horst will consolidate its three existing Connecticut locations at the 7-acre site.

Tucked into the plans for the 100,000-square-foot facility are a private bath and shower for Livingston. It's not a vanity project; the space is a necessity.



Why? Well, Livingston commutes to work like few others. He pedals the 14 miles via bicycle from his Bolton home almost daily. After those treks, he needs a place to clean up and prep for what are consistently long days shepherding a workforce approaching 150.

To read the full article [Click Here](#)

Boulevard Machine and Gear moves to new expanded facility

January 12, 2021 – Boulevard Machine & Gear, a complex machining facility, announces it has moved its headquarters to a new, larger space in Westfield, MA to accommodate steady business growth over the last decade.

Boulevard Machine will leverage its new facility to provide additional capacity for its Tier 1 customers while providing new internal operational efficiencies. The new facility also will provide Boulevard with improved, state-of-the-art production space to facilitate internal and external collaboration and communication, while providing the company with further room for growth with its ongoing invest in equipment.



"We are extremely proud to move into our new building in Westfield. The larger, modern facility will allow us to continue delivering highly innovative products and quality service to our customers and provide an improved work environment to our employees," says Susan Kasa, President of Boulevard Machine. The newly constructed factory will accommodate leading-edge manufacturing technologies, lean equipment layout and automated workflow, resulting in increased efficiency, and better overall customer experience.

Their new address is 326 Lockhouse Road in Westfield, MA 01085

If you have any current news you would like in the Newsletter, please send to pmurphy@acm-ct.org