Ball News Releases

Ball Aerospace Emphasizes Commitment to Mission Partnerships and Innovation at 34th Annual Space Symposium in Colorado

COLORADO SPRINGS, Colo., April 11, 2018 /PRNewswire/ -- From technology demonstrations to Class A national capabilities, Ball serves as a trusted mission partner to its customers, delivering affordable, innovative and resilient mission-level solutions to address the nation's most difficult challenges in national security, civil space and commercial aerospace.

As the exhibit center and pavilion co-sponsor at the Space Foundation's 34th annual Space Symposium, held April 16-19 in Colorado Springs, Colo., Ball will demonstrate a wide-range of capabilities from Space Situational Awareness to cyber security to weather to actionable, reliable data and technology that gives warfighters the advantage they need to return home safe.

Within the more than 60 years since Ball Aerospace was founded, the company has established a 40-year heritage of designing building and delivering innovative remote sensing instruments, spacecraft and systems for airborne, LEO and GEO platforms that support a weather ready nation. Ball continues to be a leader in developing advanced operational environmental satellite systems with programs such as the on-orbit Suomi NPP and JPSS-1 (now NOAA-20), and the Weather System Follow-on – Microwave (WSF-M).

Ball is leveraging expertise in spacecraft, instrument design and data analytics to develop government and commercial solutions for small satellites and other emerging markets. The company is also advancing communications, transforming the way reliable, secure, high-speed, high-bandwidth connectivity and data is delivered – whether land, air, sea or space – with remote-sensing capabilities, advanced electronically steerable phased-array technology and optical communication terminals that use light to transmit data through space. Ball designs, fabricates, tests and produces a wide-range of antennas for aircraft, missiles, land vehicles, ships, small craft or space – offering proven, affordable, fifth-generation technologies. As an example, Ball is currently building the communications and navigation antenna suite for the F-35/Lightning II. In addition, with 3D Lidar technology developed by Ball customers can view detailed terrain profiles in real-time, providing next-generation advantages in military, intelligence and surveillance, civil and commercial applications.

At Space Symposium, Ball leaders will speak at the following events:

Sunday, April 15

- "Space Generation Fusion Forum." Fusion Forum is a two-day professional development and networking event focused on the international and U.S. space industry. Delegates are students and young professionals from around the world. Debra D. Facktor, Ball Aerospace vice president and general manager, strategic operations, will lead an interactive session on "Navigating Your Career with Confidence and Joy" at 9:45 a.m. in the Cheyenne Lodge.

Monday, April 16

- "Tech Track." Tech Track sessions offer registrants an opportunity to hear from some of the government and industry leaders in space technology development and to learn about recent advances from presenters in a series of 20-minute talks.

    - Casey Waggy, Ball Aerospace thermal engineer, will co-moderate the Tech Track sessions starting at 8:30 a.m. in the Main Colorado Hall.
    - Allison Barto, Ball Aerospace program manager, James Webb Space Telescope (JWST), will present at 9:45 a.m. on "Verification Approach for Large, Complex Optical Systems: Lessons from JWST."
    - Koby Smith, Ball Aerospace optical engineer, will present at 12:05 p.m. on "Methodology and Results of JWST Thermal Vacuum Optical System Alignment Testing and Analysis."
    - Dr. William Deininger, Ball Aerospace senior staff consultant, will present at 2:05 p.m. on "Advanced Observatory Design for the Imaging X-Ray Polarimeter Explorer (IXPE) Mission."
    - Scott Acton, Ball Aerospace staff consultant, will present at 3:05 p.m. on "Wavefront Sensing and Control of the JWST."
    - David Chaney, Ball Aerospace staff consultant, will present at 4:45 p.m. on "Radius of Curvature Matching System for a Space Based Segmented Telescope."
    - Scott Asbury, Ball Aerospace program director, national defense, will present at 5:05 p.m. on "JPSS-1 – Building the Nation's Next-Generation Operational Weather Satellite."
- "Cyber 1.8 Classified Track." Dr. Brad Tousley, Ball Aerospace vice president, strategic technology development and commercial aerospace, will speak on the panel "Space Challenges, Opportunities and Synergies" starting at 2:15 p.m.
- "New Generation Space Leaders Track." Dr. Mike Gazarik, Ball Aerospace vice president, engineering, will participate in the speed mentoring session starting at 3:00 p.m. in Broadmoor West: Rocky Mountain Ballroom AB.

Thursday, April 19

- "New Generation Space Leaders Track." Facktor will also speak on the panel "Propelling the New Generation Workforce," at 10:30 a.m. in Broadmoor West: Mountain Ballroom CD.

Additional information about Ball's programs and capabilities will be on display at Booth 523 at the Ball Aerospace-sponsored Exhibit Hall and Pavilion at Space Symposium.

Ball Aerospace pioneers discoveries that enable our customers to perform beyond expectation and protect what matters most. We create innovative space solutions, enable more accurate weather forecasts, drive insightful observations of our planet, deliver actionable data and intelligence, and ensure those who defend our freedom go forward bravely and return home safely.Go Beyond with Ball.® For more information, visit www.ball.com/aerospace or connect with us on Facebook or Twitter.

About Ball Corporation
Ball Corporation (NYSE: BLL) supplies innovative, sustainable packaging solutions for beverage, food and household products customers, as well as aerospace and other technologies and services primarily for the U.S. government. Ball Corporation and its subsidiaries employ 18,300 people worldwide and reported 2017 net sales of $11 billion. For more information, visit www.ball.com, or connect with us on Facebook or Twitter.

Forward-Looking Statements
This release contains "forward-looking" statements concerning future events and financial performance. Words such as "expects," "anticipates," "estimates," "believes," "targets," "likely" and similar expressions typically identify forward-looking statements, which are generally any statements other than statements of historical fact. Such statements are based on current expectations or views of the future and are subject to risks and uncertainties, which could cause actual results or events to differ materially from those expressed or implied. You should therefore not place undue reliance upon any forward-looking statements and any of such statements should be read in conjunction with, and, qualified in their entirety by, the cautionary statements referenced below. The company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Key factors, risks and uncertainties that could cause actual outcomes and results to be different are summarized in filings with the Securities and Exchange Commission, including Exhibit 99 in our Form 10-K, which are available on our website and at www.sec.gov. Additional factors that might affect: a) our packaging segments include product demand fluctuations; availability/cost of raw materials; competitive packaging, pricing and substitution; changes in climate and weather; competitive activity; failure to achieve synergies, productivity improvements or cost reductions; mandatory deposit or other restrictive packaging laws; customer and supplier consolidation, power and supply chain influence; changes in major customer or supplier contracts or a loss of a major customer or supplier; political instability and sanctions; currency controls; changes in foreign exchange or tax rates, including due to the effects of the 2017 U.S. Tax Cuts and Jobs Act; and tariffs on imported raw materials, including pursuant to section 232 of the U.S. Trade Expansion Act of 1962; b) our aerospace segment include funding, authorization, availability and returns of government and commercial contracts; and delays, extensions and technical uncertainties affecting segment contracts; c) the company as a whole include those listed plus: changes in senior management; regulatory action or issues including tax, environmental, health and workplace safety, including U.S. FDA and other actions or public concerns affecting products filled in our containers, or chemicals or substances used in raw materials or in the manufacturing process; technological developments and innovations; litigation; strikes; labor cost changes; rates of return on assets of the company's defined benefit retirement plans; pension changes; uncertainties surrounding geopolitical events and governmental policies both in the U.S. and in other countries, including the U.S. government elections, budget, sequestration and debt limit; reduced cash flow; ability to achieve cost-out initiatives and synergies; interest rates affecting our debt; and successful or unsuccessful acquisitions and divestitures, including with respect to the Rexam PLC acquisition and its integration, or the associated divestiture; the effect of the

acquisition or the divestiture on our business relationships, operating results and business generally.

SOURCE Ball Aerospace

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