



FOR IMMEDIATE RELEASE

Company Submits Qualification Builds of Circuit Card Assemblies used  
on the Boeing CST-100 Crew Space Transportation Spacecraft

Durham, Connecticut – August 2015 – Technical Manufacturing Corporation, a leading supplier of contract electronics manufacturing services to the aerospace and defense industry for mission-critical, high-reliability and harsh environment applications where reliability and continued performance is critical, announced this month that it has successfully completed qualification builds for two advanced rigid-flex circuit card assemblies to be used in the new Boeing Crew Space Transportation (CST-100) spacecraft. The circuit card builds were based on the IPC J-STD-001 SPACE addendum requirements, which is a set of supplemental workmanship standards that provides for additional stringent quality requirements that are used in addition to or in place of those published in the J-STD-001 specifications in order to ensure the reliability of soldered electrical and electronics assemblies that must be able to survive the harsh vibration and thermal cyclical environments experienced while getting to and operating in space.

The Crew Space Transportation (CST-100) spacecraft is a reusable crew capsule designed in collaboration between The Boeing Company and Bigelow Aerospace as their entry to the National Aeronautics and Space Administration (NASA) Commercial Crew Development (CCDev) program. The Commercial Crew Development program is geared towards the commercial development and operation of privately designed low Earth orbit vehicles. The primary mission of the CST-100 spacecraft is to transport crew and supplies to the International Space Station (ISS) and to other privately owned commercial orbital operations such as the Bigelow Aerospace Commercial Space Station and complex which is currently under development.

About Technical Manufacturing Corporation

Technical Manufacturing Corporation is a Connecticut-based contract electronics manufacturing company that has been successfully providing high quality electronics manufacturing services to companies worldwide since 1985. We specialize in building high reliability printed circuit board and circuit card assemblies for our customers, which are used in many different commercial and military applications across all industries including the medical, computer, automotive, aerospace, test & measurement and telecommunications industries. For more information, please visit us on the internet at [www.techmfgcorp.com](http://www.techmfgcorp.com) or contact David Bonito, Sales & Marketing Manager by email at [dbonito@techmfgcorp.com](mailto:dbonito@techmfgcorp.com) or by phone toll-free at (888) TECH MFG.

###

645 NEW HAVEN ROAD  
DURHAM, CONNECTICUT 06422

PHONE (860) 349-1735 OR (888) TECH MFG  
EMAIL SALES@TECHMFGCORP.COM  
FACSIMILE (860) 349-8862

WWW.TECHMFGCORP.COM