ADVANCING SOLID ROCKET MOTOR PRODUCTION

In 2020, L3Harris opened its Enginee Manufacturing and Development (EM facility in Camden, Arkansas. Camde the company's "Solid Rocket Motor C of Excellence," producing more than 75,000 solid rocket motors a year.

The EMD facility is expanding the company's decades long production of solid rocket motors in Camden. The EMD facility was specifically designed serve ashe E-6.48]TJE8 (r)[s)-8Ts TJ/

SOLID ROCKET MOTORS

- Consist of a mixture of fuel, oxidizer and binder that are baked to a pencil-eraser consistency
- Are innovative, reliable and can be safely stored for long periods
- Can be launched from land, sea, air and space
- Are ideal for lifting large amounts of mass

HOW THEY WORK

- An electrical signal is sent to the igniter which creates hot gases to ignite the main propellant grain
- The propellant contains both fuel and oxidizer, so these motors can operate in the vacuum of space
- Thrust is developed as the high thermal energy of the combustion gases is converted to kinetic energy in the exhaust
- With few structural components, the solid rocket motor is efficient since the vast majority of its weight is usable propellant

Sl lTextFW.4(e gC0 F>-29 9-3(c)-14 19(a)-7 6(b)-4 4(l)2 6(e p)-5 5(r)-6 7(o)-4 6(p)-4 4(e)9 9>>Y2 6 0Tw3(f pe)-3(c)-1 1c)-4

Solid Rocket Motors

L3Harris Technologies is the Trusted Disruptor in the defense industry. With customers' mission-critical needs always in mind, our employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security. Visit L3Harris.com for more information.

1025 W. NASA Boulevard
Melbourne, FL 32919

L3Harris.com