



DEFENCE AND AEROSPACE
CAPABILITIES

Moog is a worldwide designer, manufacturer, and integrator of precision motion control products and systems. Moog's high-performance systems control military and commercial aircraft, satellites and space vehicles, launch vehicles, missiles, industrial machinery, marine applications, and medical equipment.

Moog has been present in the UK for over 50 years and now employs approximately 1,000 people in nine locations within country, supporting both commercial and military programmes.

MAJOR MILITARY PROGRAMMES

F-35 Joint Strike Fighter

- Primary and Secondary Flight Control Actuation System
- Engine Lift Fan and Swivel Module Actuation Systems
- Weapons Bay Door Servovalves
- Wing Fold Transmission

Eurofighter Typhoon

- Nose Wheel Steering and Air Brake Servovalves
- EJ200 Engine Control Valves and Exhaust Reheat Actuator Servovalves
- Inboard Flaperon and Engine Cowl Actuators
- Accessory Gearbox
- Fiber-optic Data Transmission Systems

Airbus A400M Atlas Transporter

- Primary and Secondary Flight Control Actuation
- Nose Wheel Steering Servovalves
- EuroProp TP400 Engine Control Servovalves

AW159 Lynx

- De-icing Propeller Slip Ring
- Tail Rotor Actuator
- Electro-optic Slip Ring

BAE Hawk

- Flight Control Actuators
- Nose Wheel Steering Controls
- Yaw Damper Servovalves

Mantis UAV

- EMA Primary Flight Control Actuation System

Aster Missile

- Missile Fin and TVC Actuator Control Servovalves

DLF3B Naval Decoy

- Pneumatic Launcher and Inflation System

Ajax & Warrior Fighting Vehicles

- Turret Slip Ring

Tarsier Automatic Runway FOD Detection System

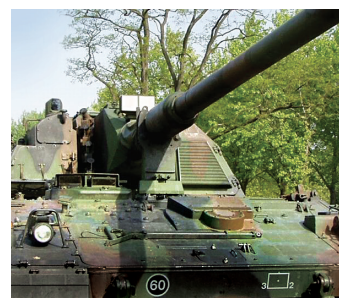
- Precise, predictable, proven FOD detection for next level airport runway surveillance.

Type 23 Frigate

- Ammunition Handling Technology for the Mk8, Mod 1, 4.5" gun

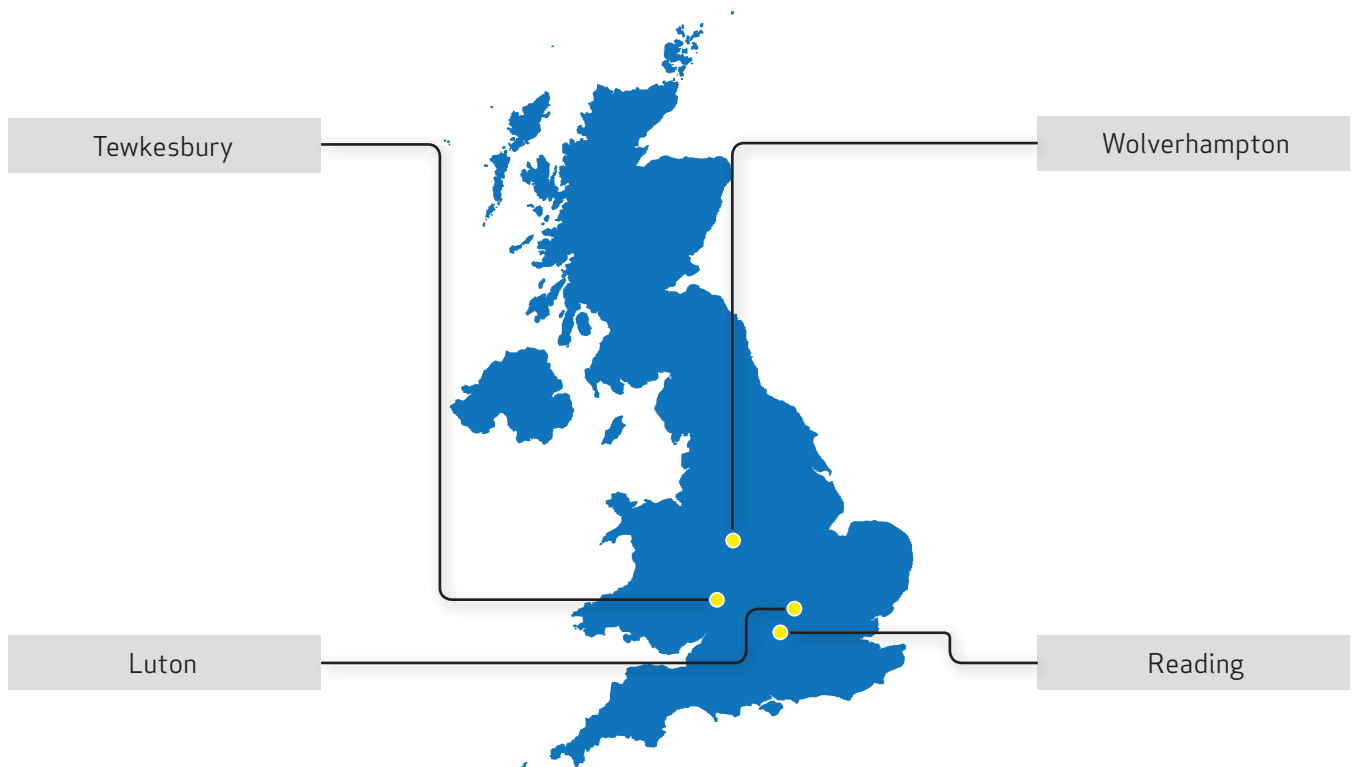
PzH2000

- Ammunition Handling



The programs listed above include products manufactured in the UK and other Moog global sites.

MOOG'S U.K. FACILITIES



WOLVERHAMPTON



The Moog Wolverhampton facility focuses primarily on the design manufacture and support of precision rotary mechanical and electrohydraulic actuation products, including primary and secondary flight controls used on modern and legacy aircraft. The Wolverhampton support centre provides repair and overhaul services to civil and military customers worldwide.

TEWKESBURY



Moog's Tewkesbury facility designs and manufactures precision servocontrols for aircraft and missile flight control, aero engine and utility applications such as weapon bay door, steering and braking for civil and military aircraft. In addition, the Tewkesbury facility provides pneumatic rapid inflation devices that are employed for naval decoys and helicopter buoyancy applications. The facility provides aftermarket support worldwide for its products.



Moog designs, manufactures and integrates weapon systems, sub-systems and products for a variety of global military vehicle platforms. Moog's expertise in fire control, gun control, weapon stabilisation, and weapons integration is found in over 30 of the world's leading military vehicle platforms including manned and unmanned turrets and remote weapon stations. Small, medium and large calibre weapons are equally supported by Moog technology.

Moog's military motion control expertise also extends to expeditionary radar deployment, missile delivery systems, and a variety of military Electrohydraulic to Electromechanical conversions

MOOG'S U.K. FACILITIES

READING



Moog Reading is a leading supplier of electrical slip rings and associated systems to many segments of the defence and aerospace industry. Applications range from miniature units for missiles to large slip rings for turreted land vehicles.

Part of the facility is dedicated to the assembly of the Orbital Manoeuvring Vehicle for the new UK Space programme.

In addition to its own design and manufacturing capability the Reading site offers many other motion control components from its other business segments including high performance electrical motors, solenoids, motors, actuators and fibre optic rotary joints.

LUTON



Based in Luton Moog's facility is a leading supplier of Ground Based Navigation Aids. Moog has extensive experience in all aspects of navigation. Developing and supplying high quality technology for the future, Moog's products and systems have been installed for Civil Aviation, Maritime Authorities and Military forces, world-wide. Moog latest product is Tarsier a Foreign Object Debris detection systems for civil and military airfields.

MOOG

www.moog.com

