



DEFENCE AND AEROSPACE
CAPABILITIES

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

Moog has been present in the UK for over 50 years and now employs approximately 1,200 people in five 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

Digital Airfield Solutions, powered by Tarsier®

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

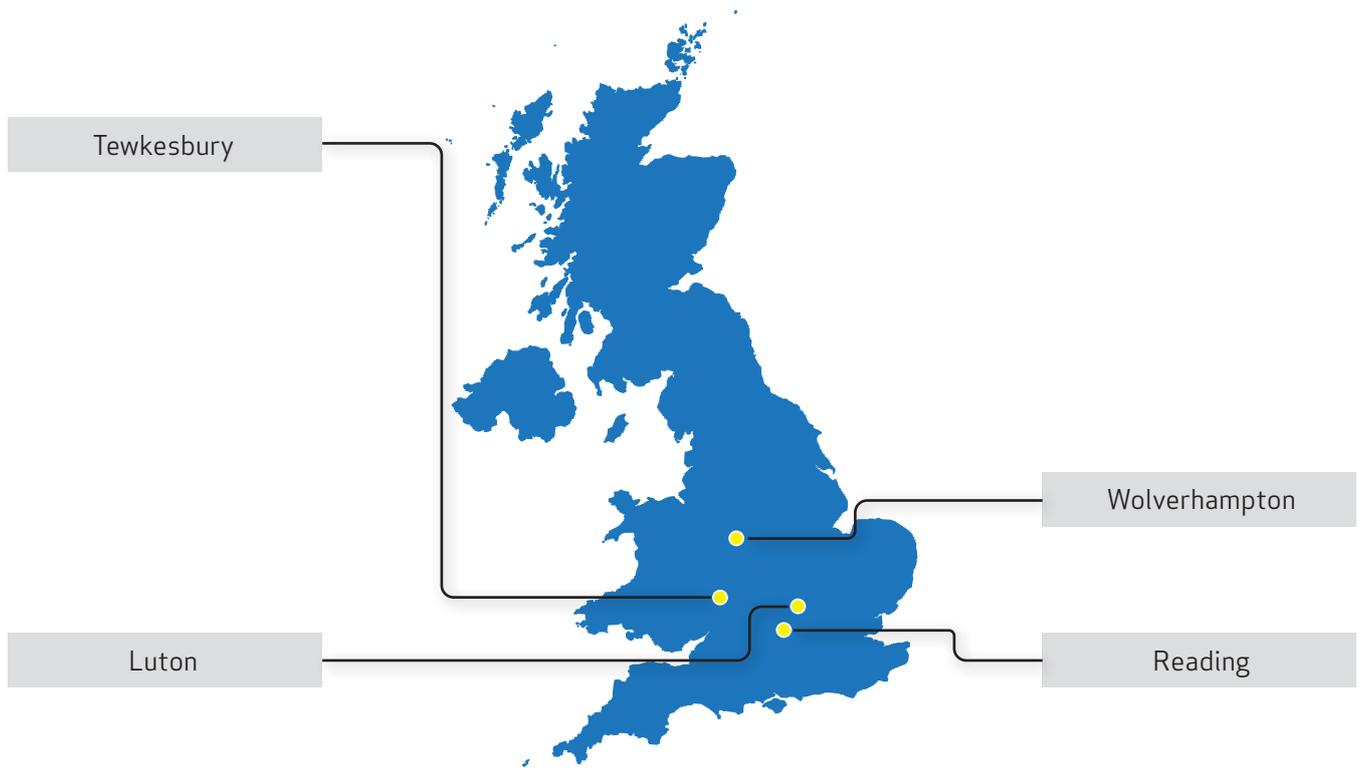
Type 23/45 Frigate

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



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

MOOG'S UK 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.



READING



Moog Reading is a leading designer and manufacturer of electrical slip rings and integrated assemblies to many segments of the defense and aerospace industry. Applications range from miniature units for missiles to large slip rings for turreted land vehicles. Additionally, the Reading site offers motion control components including high-performance motors, position sensors and fiber optic solutions. Part of the facility is dedicated to the assembly of the Orbital Manoeuvring Vehicle for the new UK Space programme. Moog Reading is also the European home of the RIwP® (Reconfigurable Integrated-weapon Platform) demonstrator and associated activities.

LUTON



Moog's Luton facility is the headquarters of our Digital Airfield Solutions team, who are working to create safer, more efficient military and commercial airfield operating environments. Moog's command and control software suite, integrated with the Tarsier Automatic Runway Foreign Object Debris (FOD) Detection system, continuously scans airfield runways to ensure a clean flight surface, analyzing data from multiple sensors to detect and manage FOD risk in near-real time. Tarsier is installed at commercial and military airfields worldwide, including London Heathrow, Vancouver, and RAF Boscombe Down.

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