



Photo by Alan Wilson CC



**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 and Warrior Fighting Vehicles

- Turret Slip Ring

### Digital Airfield Solutions

- Precise, predictable, proven FOD detection for next-level airfield surveillance
- Tarsier® Automatic Runway FOD detection system detects debris in near-real time
- ROMDAS™ Airfield Laser Foreign Object Debris (LFOD) detection system scans airfield pavements on a regular basis, identifying degradation trends and flagging time-sensitive interventions

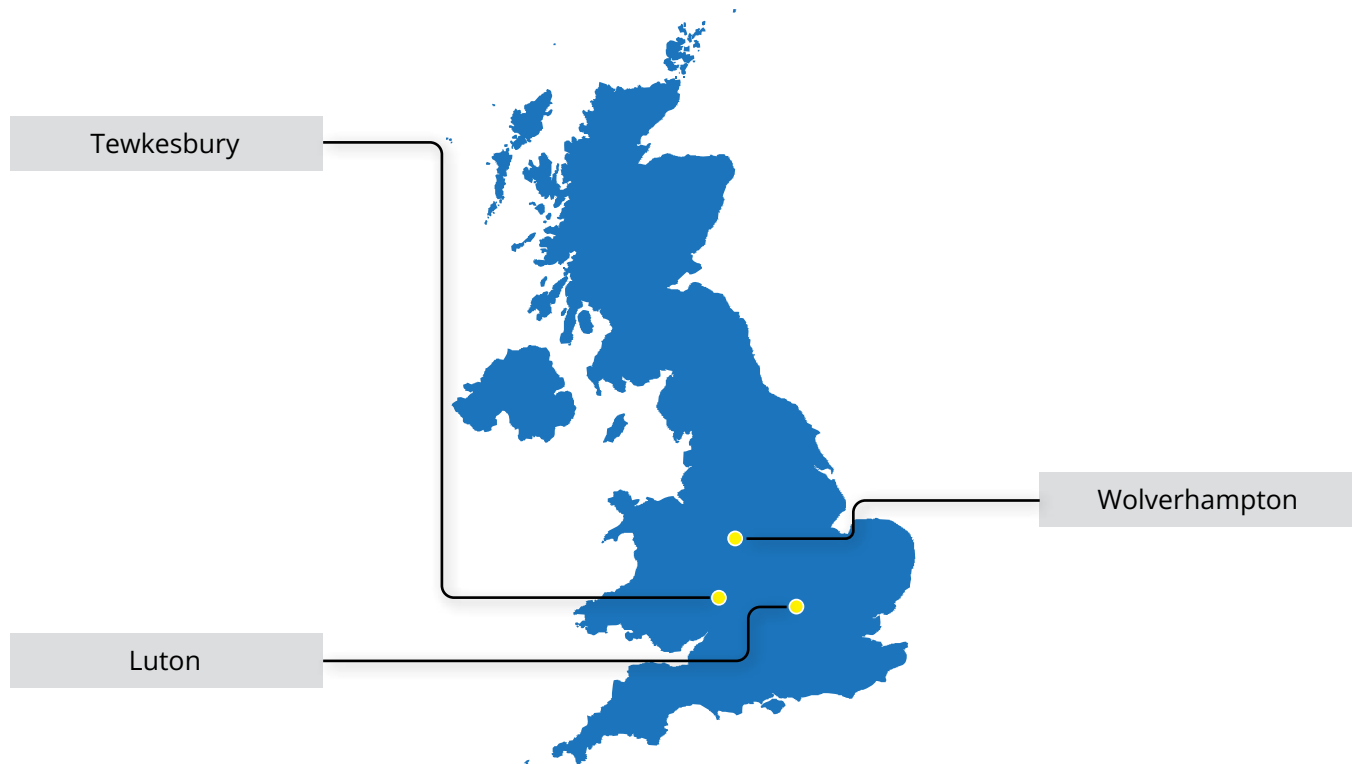
### Type 23/45 Frigate

- 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 Wolverhampton facility specializes in designing, manufacturing, and supporting precision rotary mechanical and electrohydraulic actuation systems, including primary and secondary flight control components for both modern and legacy aircraft. Its support centre provides global repair and overhaul services for civil and military customers.

## TEWKESBURY



The Tewkesbury facility designs and manufactures precision servocontrols for aircraft and missile flight control, aero engine systems, and utility functions such as weapon bay doors, steering, and braking on civil and military platforms. The facility provides global aftermarket support for all products.

## LUTON



The Luton facility is home to the Digital Airfield Solutions team, focused on creating safer and more efficient operating environments for military and commercial airfields. Its command and control software suite, integrated with the Tarsier Automatic Runway FOD Detection system, continuously scans runways and analyzes multi-sensor data to identify and manage debris risks in near real time. Tarsier is deployed at airfields worldwide, including London Heathrow, Vancouver, and RAF Boscombe Down.

**MOOG** | Shaping the way our world moves™

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