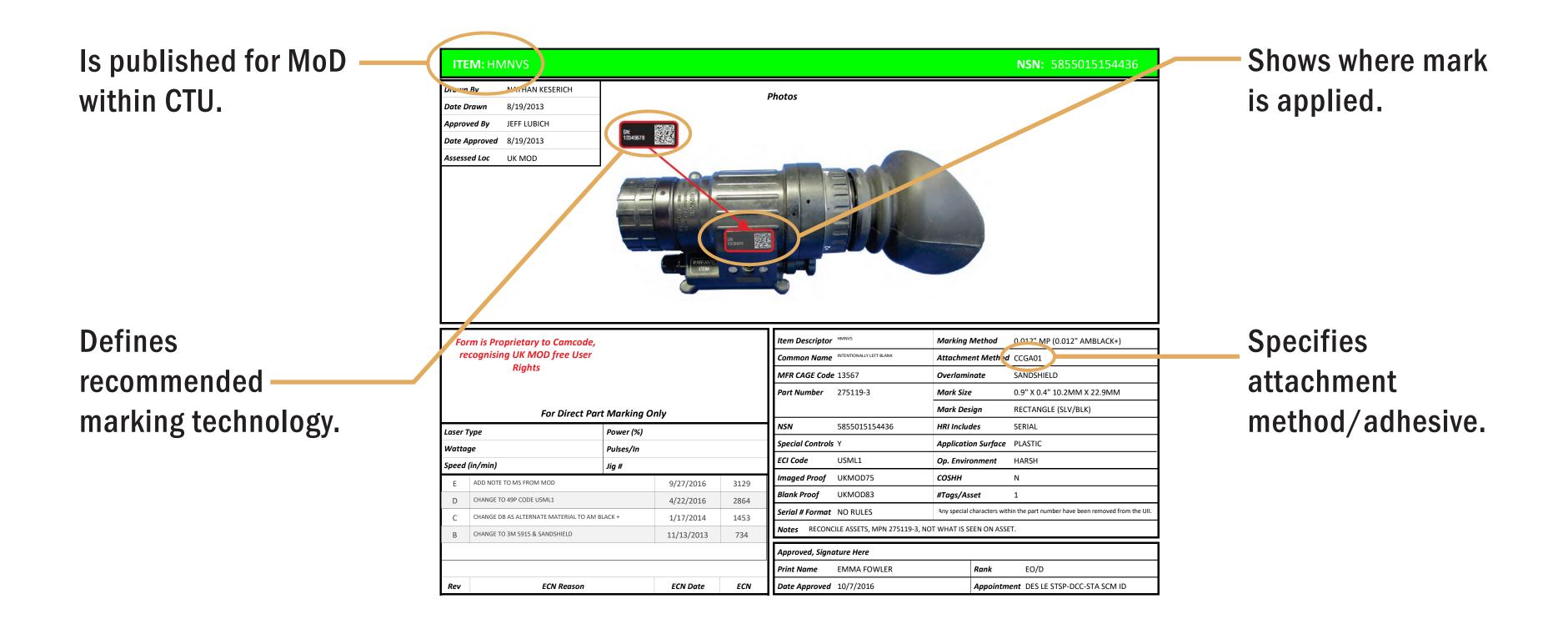


## CAMCODE MARKING TECHNOLOGIES

## **CHARACTERISTICS TECHNOLOGY APPLICATIONS** PHOTOSENSITIVE ANODIZED ALUMINUM Small Arms / Weapon Ancillaries Ships / Marine Sub-surface, inorganic image is extremely durable and meets the wide-set variety of Aircraft / Aerospace performance requirements. Best for high to medium volume requirements - poor for **Engines / Components** small volumes or on-site marking. **Complex / Crew Served Weapons Systems** Flexible size, thickness and attachment options. **Communications Equipment** Chemical / Heat / Sunlight Exposure\* LASER MARKABLES **Small Arms** Steel, BlackPlus, or acrylic. Etched or bonded image is durable (depending upon Weapon Ancillaries substrate), but laser marking is slow/labor intensive – best for low-volume, on-site Aircraft / Aerospace applications when real-time marking is required. **Engines / Components** Flexible size, thickness, attachment options available, but may require on-site **Complex / Crew Served Weapons Systems** fabrication if pre-cut blanks unavailable. **Communications Equipment** Chemical / Heat / Sunlight Exposure\* THERMAL TRANSFER Ink transfer image may have limited durability depending upon material.\* **Soft and Hard Armor Hospital Equipment** Can meet moderate to high demand volume. On-site printing possible when real-time **Direct Circuit Board Marking** marking is required. **General Asset Tracking Suppressor Marking** Limited size, thickness, attachment options. Extreme Heat 500°C -1200°C (Thermal Bonded Glass)\* **INK JET** Ink jet printed image may have limited durability depending upon material/overlay. **Soft And Hard Armor Ballistic/Bump Helmets** Can meet moderate to high demand volume. **Hospital Equipment** Limited size, thickness, attachment options. **General Asset Tracking CUT THROUGH Heavy Equipment** CNC punched plates – good durability, but most suitable for low quantities. Ships / Marine Can present readability issues in certain applications. Size, thickness, attachment **Chassis Marking** options limited by material. **WOVEN FABRIC** Sewn tags offer moderate durability and limited attachment options (heat seal or Parachutes sewn). Apparel Ideal for fabric marking. Other Woven / Fabric Assets **DIRECT PART MARK Bridging** Laser etched or dot peen direct mark is durable although the marking process is slow/ **Harsh Chemical Environments** labor intensive. **Surgical Tools** UMAREX USA Ideal for applications where affixing a label is not possible. **Aircraft Components** NFC NFC is a passive radio frequency identification protocol that requires the reading device to be within 4cm of the tag. In addition to the proximity requirement, NFC also has the added **Communications Equipment** benefit of being read by most smartphones. **Hospital Equipment General Asset Tracking** Ideal for applications where a barcode cannot be affixed or when the system requires alternate actions upon each scan.



## CAMCODE MARKING SPECIFICATIONS



## **EXISTING CAMCODE MARKING SPECIFICATIONS**

- Small Arms
- Weapon Ancillaries
- Night Vision Goggles
- Ballistic ProtectionEquipment
- CommunicationsEquipment
- Electronics / CircuitBoards

- Ships / Marine
- Aircraft / Aerospace
- Complex WeaponSystems
- AFV, IFV, MBT
  Operational
  Safety Signs
  & Data Plates
- Tool Kits

- Medical Equipment
- HydraulicComponents
- Bridging
- VehicleSub-Assemblies
- Parachutes
- ShippingContainers