

# **CONFORMING PRODUCT LIST (CPL)**

## **Speed-Measuring Devices**

**September 15<sup>th</sup>, 2025<sup>1</sup>**

The Conforming Product List (CPL) is a document of the National Highway Traffic Safety Administration listing speed-measuring devices that are eligible for purchase using Federal Highway Safety Grants, based on each device having been subjected to and meeting the technical specifications for Radio Detection and Ranging (RADAR) and Light Detection and Ranging (LIDAR) devices maintained by NHTSA.

Speed-measuring models that appear on the CPL have been tested and found to follow the established performance specifications in effect when the models were first placed on the CPL. These performance specifications ensure the devices are accurate and reliable when properly operated and maintained. Law enforcement agencies are strongly encouraged to consult the CPL as one of their criteria in determining which speed-measuring devices they choose to buy. Law enforcement agencies (LEAs) should also be aware of applicable Federal, State, and local requirements related to the purchase, operation, and maintenance of speed-measuring devices. To ensure proper use of speed-measuring devices, LEAs are strongly encouraged to ensure operators of speed-measuring devices have received proper training for radar and lidar devices, have been trained in the appropriate use of the specific devices being operated in the field, and maintain accurate records for the use and maintenance of the devices.

Test results and analysis contained here do not represent product endorsement by any party or NHTSA, the U.S. Department of Transportation, the National Institute of Standards and Technology, or the U.S. Department of Commerce.

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<sup>1</sup> This version supersedes all previous versions of the Conforming Product List.

## Part I: Down-the-Road Radar Speed-Measuring Devices

The following Down-the-Road speed-measuring devices have been tested and meet all requirements of the *Speed-Measuring Device Performance Specifications: Down-the-Road Radar Module* (DOT HS 812 266) published by NHTSA and available at [www.nhtsa.dot.gov/people/injury/enforce/DownTheRoadWeb/pages/index.html](http://www.nhtsa.dot.gov/people/injury/enforce/DownTheRoadWeb/pages/index.html). For additional information, refer to the **Notes** section at the end of this portion of the CPL.

| MANUFACTURER        | MODEL                          | BAND     | Mode (S/M) |
|---------------------|--------------------------------|----------|------------|
| Applied Concepts    | Stalker Dual SL <sup>2</sup>   | Ka       | S/M        |
| Applied Concepts    | Stalker Dual DSR <sup>2</sup>  | Ka       | S/M        |
| Applied Concepts    | Stalker DSR 2X <sup>3</sup>    | Ka       | S/M        |
| Applied Concepts    | Stalker II SDR                 | Ka       | S          |
| Applied Concepts    | Stalker II MDR                 | Ka       | S/M        |
| Applied Concepts    | Stalker Patrol                 | K        | S/M        |
| Decatur Electronics | Genesis GHD                    | K        | S          |
| Decatur Electronics | Genesis II Select <sup>4</sup> | K, Ka    | S/M        |
| Decatur Electronics | Genesis III/G3 <sup>5</sup>    | K, Ka    | S/M        |
| Decatur Electronics | Scout                          | K        | S          |
| Decatur Electronics | Scout 2                        | K        | S          |
| Kustom Signals      | Eagle II                       | Ka       | S/M        |
| Kustom Signals      | Golden Eagle II                | Ka       | S/M        |
| Kustom Signals      | Directional Golden Eagle II    | Ka       | S/M        |
| Kustom Signals      | Falcon HR                      | K        | S/M        |
| Kustom Signals      | Directional Talon              | Ka       | S/M        |
| Kustom Signals      | Raptor RP-1                    | K, Ka    | S/M        |
| Kustom Signals      | Eagle 3                        | Ka       | S/M        |
| MPH Industries      | BEE III <sup>6</sup>           | K, Ka    | S/M        |
| MPH Industries      | Enforcer                       | K, Ka    | S/M        |
| MPH Industries      | Python III <sup>7</sup>        | X, K, Ka | S/M        |
| MPH Industries      | Ranger EZ <sup>8</sup>         | K        | S/M        |
| MPH Industries      | Speed Gun Pro                  | K        | S/M        |

<sup>2</sup> The upgraded hardware and firmware for the Applied Concepts Stalker Dual SL, DSR, and DSR 2X have been tested and approved as a conforming variant of the Stalker units Dual, SL, DSR, and DSR 2X.

<sup>3</sup> The updated LCD display is approved as a substitute for the original display unit of the Stalker DSR 2X radar.

<sup>4</sup> The radar mirror is approved as a substitute for the original display unit of the Genesis II Select radar.

<sup>5</sup> The upgraded firmware for the Decatur Electronics, Inc., Genesis III/G3 radar has been tested and approved for use with the Decatur K-band antenna.

<sup>6</sup> The patch antenna is approved as a substitute for the original K-band antenna of the BEE III radar.

<sup>7</sup> The PYN antenna is approved as a substitute for the original Ka-band antenna of the Python III radar.

<sup>8</sup> For the MPH, Ranger EZ, K-band, please note that the directional feature was not tested due to the lab equipment not being compatible with the Ranger's radar technology.

**Notes:**

- 1) Mode “S” refers to the stationary mode and mode “M” refers to the moving mode.
- 2) Some models listed on the CPL may have operational features that are not a part of the model’s minimum performance specifications. It is important to understand that these features have not been tested, even though the device itself has met the model’s minimum performance specifications.
- 3) Inclusion on the CPL for any individual device model will be voided by any third-party modifications not specifically approved by the original equipment manufacturer.

**Part II: Lidar Speed-Measuring Devices and Systems**

The following lidar speed-measuring devices have been tested and meet all the requirements of the *Speed-Measuring Device Performance Specifications: Lidar Module* (DOT HS 809 811) published by NHTSA and available at [www.nhtsa.gov/people/injury/speedmgmt/speed\\_lidar\\_module/pages/index.html](http://www.nhtsa.gov/people/injury/speedmgmt/speed_lidar_module/pages/index.html). For additional information, refer to the **Notes** section at the end of this portion of the CPL.

| MANUFACTURER               | MODEL                                |
|----------------------------|--------------------------------------|
| Applied Concepts, Inc.     | Stalker RLR <sup>9</sup>             |
| Applied Concepts, Inc.     | Stalker XLR <sup>9</sup>             |
| Applied Concepts, Inc.     | Stalker XS-OEM                       |
| Applied Concepts, Inc.     | Stalker LIDARCAM II <sup>10</sup>    |
| Dragon Eye Technology, LLC | Dragon Eye Compact Speed Lidar       |
| Dragon Eye Technology, LLC | Dragon Eye Speed Lidar <sup>11</sup> |
| Kustom Signals, Inc.       | Laser Cam 4                          |
| Kustom Signals, Inc.       | Pro Laser 4                          |
| Laser Technology, Inc.     | LTi 20/20 TruCAM                     |
| Laser Technology, Inc.     | Tru Speed                            |
| Laser Technology, Inc.     | Tru Speed LR                         |
| Laser Technology, Inc.     | Tru Speed S                          |
| Laser Technology, Inc.     | Tru Speed SXB                        |
| Laser Technology, Inc.     | Ultralyte 100 LR                     |
| Laser Technology, Inc.     | Ultralyte 200 LR                     |
| Laser Technology, Inc.     | Ultralyte LR B                       |
| Laser Technology, Inc.     | ATS Street Safe                      |
| Laser Technology, Inc.     | LTi 20/20 Tru Cam II                 |
| Laser Technology, Inc.     | LTi TruVision                        |
| MPH Industries, Inc.       | Sure Shot                            |
| Unipar Services            | SL700                                |

<sup>9</sup> The Stalker RLR, XLR, and XS lidar upgraded hardware units have been tested and approved as a conforming variant of Stalker RLR and XLR lidar units.

<sup>10</sup> The LIDARCAM II Lidar upgraded software to the unit has been approved as a conforming variant of the previous LIDARCAM II model.

<sup>11</sup> The Dragon Eye Speed Lidar upgraded hardware unit has been tested and approved as a conforming variant of previously named unit.

**Notes:**

- 1) Lidar Device – Down-the-road speed-measuring equipment that determines target range and speed based on the time-of-flight of laser light pulses reflected off a target. The term “lidar device” is synonymous with “laser speed-measuring device” and “lidar unit.”
- 2) Lidar System – A lidar device that incorporates additional equipment used to gather, process, and/or record images to be used as part of speed-enforcement effort.
- 3) Manual Mode – A mode in a lidar system where an operator manually aims the lidar system to track the movement of a target vehicle while the vehicle’s range and speed are determined, and images recorded.
- 4) Automatic Mode – A mode in a lidar system, which automatically determines a target vehicle’s range and speed and records images. This mode applies to both attended and unattended operations.
- 5) Attended Operation – An operator is an integral part of the evidence acquisition process.
- 6) Unattended Operation – An operator is not an integral part of the evidence acquisition process.
- 7) Some models listed on the CPL may have operational features that are not a part of the model minimum performance specifications. It is important to understand that these features have not been tested, even though the device itself has met the model minimum performance specifications.
- 8) Inclusion on the CPL for any individual model will be voided by any third-party modifications not specifically approved by the original equipment manufacturer.

**Part III: Units Approved but No Longer in Production****Radar Devices**

| MANUFACTURER                      | MODEL                                  | BAND     | Mode (S/M) |
|-----------------------------------|----------------------------------------|----------|------------|
| Applied Concepts                  | Stalker Basic                          | K        | S/M        |
| Applied Concepts                  | Stalker ATR                            | Ka       | S/M        |
| Applied Concepts                  | Stalker Dual                           | K, Ka    | S/M        |
| Applied Concepts                  | Stalker Dual SL                        | K        | S/M        |
| Broderick Enforcement             | BEE 36                                 | X, K     | S/M        |
| CMI                               | Speed gun Magnum                       | X        | S/M        |
| Decatur Electronics               | Genesis I                              | X, K, Ka | S/M        |
| Decatur Electronics               | Genesis, I Remote Display              | K        | S/M        |
| Decatur Electronics               | Genesis II                             | K, Ka    | S/M        |
| Decatur Electronics               | Genesis II Directional <sup>12</sup>   | Ka       | S/M        |
| Decatur Electronics               | Genesis GHD                            | Ka       | S          |
| Decatur Electronics               | Genesis GHS                            | K        | S          |
| Decatur Electronics               | Genesis II Select Harley-Davidson      | Ka       | S/M        |
| Decatur Electronics               | Genesis-VP                             | K        | S          |
| Decatur Electronics               | Genesis-VP Directional                 | K, Ka    | S          |
| Decatur Electronics               | Harley-Davidson Genesis VP Directional | K        | S          |
| Decatur Electronics               | Hunter                                 | X        | S/M        |
| Decatur Electronics <sup>10</sup> | Hunter HHM                             | X        | S/M        |
| <sup>11</sup> Decatur Electronics | MVR-715                                | X        | S/M        |
| Decatur Electronics               | MVR-724                                | K        | S/M        |

<sup>12</sup>The radar mirror is approved as a substitute for the original display unit of the Genesis II Directional radar.

| <b>MANUFACTURER</b> | <b>MODEL</b>        | <b>BAND</b> | <b>Mode (S/M)</b> |
|---------------------|---------------------|-------------|-------------------|
| Decatur Electronics | RA-GUN GN-1         | X           | S                 |
| Decatur Electronics | RA-GUN KN-1         | K           | S                 |
| Decatur Electronics | Speed Trak          | K, Ka       | S/M               |
| Decatur Electronics | Speed Trak          | KD          | S/M               |
| Federal Signals     | Enforcer            | K           | S/M               |
| Kustom Signals      | Eagle               | X, K, Ka    | S/M               |
| Kustom Signals      | Eagle II            | K           | S/M               |
| Kustom Signals      | Eagle Plus          | X, K, Ka    | S/M               |
| Kustom Signals      | Eagle Plus II       | K, Ka       | S/M               |
| Kustom Signals      | Silver Eagle        | X, K, Ka    | S/M               |
| Kustom Signals      | Golden Eagle        | X, K        | S/M               |
| Kustom Signals      | Golden Eagle Plus   | Ka          | S/M               |
| Kustom Signals      | Golden Eagle II     | K           | S/M               |
| Kustom Signals      | Falcon              | K           | S                 |
| Kustom Signals      | HR-8                | K           | S                 |
| Kustom Signals      | HR-12               | K           | S/M               |
| Kustom Signals      | HAWK                | K           | S/M               |
| Kustom Signals      | KR-10SP             | X, K        | S/M               |
| Kustom Signals      | KR-11               | K           | S/M               |
| Kustom Signals      | Pro-1000            | K           | S/M               |
| Kustom Signals      | Pro-1000(DS)        | K           | S/M               |
| Kustom Signals      | Road Runner         | K           | S                 |
| Kustom Signals      | Talon               | Ka          | S/M               |
| Kustom Signals      | Trooper             | X, K        | S/M               |
| Kustom Signals      | Talon II            | Ka          | S/M               |
| Kustom Signals      | PRO-1000 (DS)       | X           | S/M               |
| MPH Industries      | BEE 36A             | X, K, Ka    | S/M               |
| McCoy's LAW LINE    | Speed Trak Elite Ka | Ka          | S/M               |
| McCoy's LAW LINE    | Speed Trak Elite K  | K           | S/M               |
| McCoy's LAW LINE    | Speed Trak Elite KD | K           | S/M               |
| MPH Industries      | Enforcer            | K           | S/M               |
| MPH Industries      | K-15                | X, K        | S                 |
| MPH Industries      | K-35                | X, K        | S                 |
| MPH Industries      | K-55                | X, K        | S/M               |
| MPH Industries      | S-80                | X, K        | S/M               |
| MPH Industries      | S-80 MC             | X, K        | S/M               |
| MPH Industries      | Python (Series I)   | X, K, Ka    | S/M               |
| MPH Industries      | Python Series II    | X, K, Ka    | S/M               |
| MPH Industries      | Speed gun           | K           | S/M               |
| MPH Industries      | Z-15                | K           | S                 |
| MPH Industries      | Z-25                | K           | S                 |

| <b>MANUFACTURER</b> | <b>MODEL</b>     | <b>BAND</b> | <b>Mode (S/M)</b> |
|---------------------|------------------|-------------|-------------------|
| MPH Industries      | Z-35             | K           | S                 |
| Tribar Industries   | Muni Quip KGP    | K           | S                 |
| Tribar Industries   | Muni Quip MDR    | X, K        | S/M               |
| MPH Industries      | Python Series II | X, K, Ka    | S/M               |

### **Lidar Devices**

| <b>MANUFACTURER</b>          | <b>MODEL</b>          |
|------------------------------|-----------------------|
| Applied Concepts, Inc.       | Stalker Lidar         |
| Applied Concepts, Inc.       | Stalker Lidar LR      |
| Applied Concepts, Inc.       | Stalker XS            |
| Kustom Signals, Inc.         | DTMS                  |
| Kustom Signals, Inc.         | Laser Cam II          |
| Kustom Signals, Inc.         | Pro Laser II          |
| Kustom Signals, Inc.         | Pro Laser III         |
| Kustom Signals, Inc.         | Pro-Lite +            |
| Dragon Eye Technology, LLC   | Laser Ally            |
| Laser Technology, Inc.       | Marksman 20/20        |
| Laser Technology, Inc.       | Micro Digi-Cam System |
| Laser Technology, Inc.       | Ultralyte 100         |
| Laser Technology, Inc.       | Ultralyte 200         |
| Laser Technology, Inc.       | Ultralyte Compact     |
| MPH Industries/Laser Atlanta | Speed Laser B         |
| MPH Industries/Laser Atlanta | Speed Laser R         |
| MPH Industries/Laser Atlanta | Speed Laser S         |
| MPH Industries/Laser Atlanta | Speed Laser T         |