Three-Wheel Vehicle Working Group

Working Group Update

AAMVA Spring Workshop

April 5, 2011
Three-Wheel Vehicle Working Group

Members

- Garry Hinkley (ME), Chair
- Becky Renninger (OR)
- Chris Yanitski (AB)
- Dale Schmidt (MO)
- Denise Kingsbury (VT)
- Linda Cone (TN)
- Linda Lewis (WI)
- Mary Ford (IA)
- Raymond Gaulin (CT)
- Ricky Akase (HI)
- Ronnie Saunders (VA)
- Scott Shenk (PA)
- Denise Hanchulak (AAMVA)
- Keith Kiser (AAMVA)
Three-Wheel Vehicle Working Group

- Created by the Vehicle Standing Committee – VRT, DL&C, LE, and VSI discipline members
- Appointed in August 2010
- Two Year Project
- Meets primarily by conference call
- Held its first face-to-face meeting in December 2010
- Will meet again in Fall 2011
Three-Wheel Vehicle Working Group

• Tasks/Deliverables:
  – Identify the range of three-wheel vehicle types that require further review
  – Develop strategies and best practices to assist member jurisdictions in dealing with three wheel vehicles, existing and emerging, in a uniform and consistent manner
  – Deliver best practices and recommendations for regulating or restricting on-highway operation and registration of three-wheel vehicles
Aptera – [www.aptera.com](http://www.aptera.com)
Piaggo MP 3 - www.piaggiousa.com
Piaggio - Tilting Front Wheels
Zap Solar Truck – www.zapworld.com
Zap Xebra Sedan – www.zapworld.com
Persu – www.flytheroad.com
Voyager Convertible Kit – 4 Wheels

www.tabortrikesusa.com

AAMVA Official Use Only
3-Wheel Hayabusa
Tri-Magnum  www.rqriley.com
Can Am Spyder – www.brp.com
T-Rex - www.campagnamotors.com

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Scoot Coupe - www.scootcoupe.com
NmG **www.myersmotors.com**

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Pulse – www.archimoto.com
Oregon-based company – production starting in late 2011
Cushman - [www.cushman.com](http://www.cushman.com) - Enclosed??
Cushman Truckster  www.cushman.com
Motorcycle? Has outrigger tires that are sometimes in touch with the ground
Retractable outriggers – activated by speed or button
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• **Current Efforts**
  - Further analysis of survey responses
  - Creation of two subcommittees
    • Flow chart possible best practice for registration and driver testing
    • Follow-up with some jurisdiction regarding survey responses and additional research
      - MSF, SAE, IIHS, NSC, AMA, GHSA, etc.
  - Revisions to Work Plan
  - Planning for next conference calls/meetings
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- Vehicle Issues
  - Identification of three-wheel vehicles
  - Jurisdiction definition vs Federal definition
  - Handlebars vs steering wheel
  - Seating configuration
  - Inspection requirements
  - Enclosed vs non-enclosed rider area
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- Vehicle Issues (con’t)
  - High performance vs lower performance
  - Seat height
  - Electric vs gas
  - Hazmat transportation
  - Outriggers
  - Homemade vehicles
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• Driver Issues
  – Most driver agencies depend on registration classification to determine drivers license type
  – Need for additional examiner education
  – Enclosed vs non-enclosed endorsement requirements
  – Enclosed vs non-enclosed helmet requirements
  – Specific tests for three-wheel vehicles?
    • Different based on configuration?
    • Different based on size or power?
    • Different based on steering controls?
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• Driver Issues (con’t)
  – Single track training courses not adequate for three-wheel vehicles
  – Need for separate testing facilities for 2 and 3 wheel vehicles
  – Need for separate skills test for 2 and 3 wheel vehicles
  – Need for separate endorsements for 2 and 3 wheel vehicles
Three-Wheel Vehicle Working Group

Questions/Comments/Suggestions

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