



NTSB National Transportation Safety Board

Office of Highway Safety

Human Performance / Lane Departure Warning Systems

Dennis J. Collins

Driver Information

- Valid license and endorsements
- Current medical card
- Experienced and familiar
- No evidence of drug/alcohol use
- No cellular phone use
- Well rested

Driver's Attention

- Driver and passenger state attending to door
- Sun was left of travel direction
- No evidence of object in road
- Steering follows gaze
- Distracted driver

Lane Departure Warning Systems

- Lane departure not uncommon
- Forward looking video
- Unintentional movement
- Safety benefits, crash reduction
- LDWS might have altered driver response
- Research and investigations indicate benefits



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