



MEMORANDUM FOR RECORD

Stephen Stein
Investigative Assistant
Eastern Region Aviation

Weather Report – Shannon Airport (KEZF), Fredericksburg, VA & Virginia State Police
Weather Observations
Date & Time: November 23, 2012 at 1215 EST
NTSB Accident Number: ERA13CA067

Shannon Airport (KEZF) is the nearest weather observation facility approximately 10 nm West of the accident site.

METAR/SPECI from KEZF, Fredericksburg, Shannon Airport (United States).		
SA 23/11/2012 17:55->	METAR KEZF	231755Z AUTO 20005KT 10SM CLR 19/02 A2987 RMK AO2 T01870018 10187 21015=
SA 23/11/2012 17:35->	METAR KEZF	231735Z AUTO 20008KT 10SM CLR 18/01 A2988 RMK AO2 T01770013=
SA 23/11/2012 17:15->	METAR KEZF	231715Z AUTO 22004KT 10SM CLR 17/01 A2991 RMK AO2 T01700010=
SA 23/11/2012 16:55->	METAR KEZF	231655Z AUTO 20005KT 10SM CLR 16/00 A2992 RMK AO2 T01620004=
SA 23/11/2012 16:35->	METAR KEZF	231635Z AUTO 22008KT 10SM CLR 16/00 A2994 RMK AO2 T01570001=
SA 23/11/2012 16:15->	METAR KEZF	231615Z AUTO 23007KT 10SM CLR 15/00 A2996 RMK AO2 T01490000=

Included in the attached page is a Virginia State Police report with their weather observations. The Virginia State Police arrived on scene ten minutes after the accident had occurred.

Officer Initials _____ Badge # _____

Revised Report ☐

Commonwealth of Virginia • Department of Motor Vehicles

Police Crash Report



FR300P (Rev 11/1/09)

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CRASH

Crash Date	MM DD YYYY	MILITARY Time (24 hr clock)	County of Crash	☐ City of ☐ Town of	Local Case Number
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CRASH INFORMATION

Location of First Harmful Event In Relation to Roadway C1 ☐ 1. On Roadway ☐ 2. Shoulder ☐ 3. Median ☐ 4. Roadside ☐ 5. Gore ☐ 6. Separator ☐ 7. In Parking Lane or Zone ☒ 8. Off Roadway, Location Unknown ☐ 9. Outside Right-of-Way	Traffic Control Type C5 ☒ 1. No Traffic Control ☐ 2. Officer or Flagger ☐ 3. Traffic Signal ☐ 4. Stop Sign ☐ 5. Slow or Warning Sign ☐ 6. Traffic Lanes Marked ☐ 7. No Passing Lines ☐ 8. Yield Sign ☐ 9. One Way Road or Street ☐ 10. Railroad Crossing With Markings and Signs ☐ 11. Railroad Crossing With Signals ☐ 12. Railroad Crossing With Gate and Signals ☐ 13. Other ☐ 14. Pedestrian Crosswalk ☐ 15. Reduced Speed - School Zone ☐ 16. Reduced Speed - Work Zone ☐ 17. Highway Safety Corridor	Roadway Description C9 ☐ 1. Two-Way, Not Divided ☐ 2. Two-Way, Divided, Unprotected Median ☐ 3. Two-Way, Divided, Positive Median Barrier ☐ 4. One-Way, Not Divided ☐ 5. Unknown PRIVATE PROPERTY	Intersection Type C12 ☒ 1. Not an Intersection ☐ 2. Two Approaches ☐ 3. Three Approaches ☐ 4. Four Approaches ☐ 5. Five-Point, or more ☐ 6. Roundabout
Weather Condition C2 ☒ 1. No Adverse Condition (Clear/Cloudy) ☐ 3. Fog ☐ 4. Mist ☐ 5. Rain ☐ 6. Snow ☐ 7. Sleet/Hail ☐ 8. Smoke/Dust ☐ 9. Other ☐ 10. Blowing Sand, Soil, Dirt or Snow ☐ 11. Severe Crosswinds WINDY	Roadway Alignment C6 ☐ 1. Straight - Level ☐ 2. Curve - Level ☐ 3. Grade - Straight ☐ 4. Grade - Curve ☐ 5. Hillcrest - Straight ☐ 6. Hillcrest - Curve ☐ 7. Dip - Straight ☐ 8. Dip - Curve ☒ 9. Other ☐ 10. On/Off Ramp	Roadway Defects C10 ☒ 1. No Defects ☐ 2. Holes, Ruts, Bumps ☐ 3. Soft or Low Shoulder ☐ 4. Under Repair ☐ 5. Loose Material ☐ 6. Restricted Width ☐ 7. Slick Pavement ☐ 8. Roadway Obstructed ☐ 9. Other ☐ 10. Edge Pavement Drop Off	Work Zone C13 ☐ 1. Yes ☒ 2. No
Light Conditions C3 ☐ 1. Dawn ☒ 2. Daylight ☐ 3. Dusk ☐ 4. Darkness - Road Lighted ☐ 5. Darkness - Road Not Lighted ☐ 6. Darkness - Unknown Road Lighting ☐ 7. Unknown	Roadway Surface Condition C7 ☐ 1. Dry ☐ 2. Wet ☐ 3. Snowy ☐ 4. Icy ☐ 5. Muddy ☐ 6. Oil/Other Fluids ☐ 7. Other ☐ 8. Natural Debris ☐ 9. Water (Standing, Moving) ☐ 10. Slush ☒ 11. Sand, Dirt, Gravel	Relation to Roadway C11 Interchange Area: ☐ 1. Main-Line Roadway ☐ 2. Acceleration/Deceleration Lanes ☐ 3. Gore Area (Between Ramp and Highway Edgelines) ☐ 4. Collector/Distributor Road ☐ 5. On Entrance/Exit Ramp ☐ 6. Intersection at end of Ramp ☐ 7. Other location not listed above within an interchange area (median, shoulder and roadside) Intersection Area: ☒ 8. Non-Intersection ☐ 9. Within Intersection ☐ 10. Intersection-Related - Within 150' ☐ 11. Intersection-Related - Outside 150' Other Location: ☐ 12. Crossover Related ☐ 13. Driveway, Alley-Access-Related ☐ 14. Railway Grade Crossing ☐ 15. Other Crossing (Crossings for Bikes, School, etc.)	Work Zone Workers Present C14 ☐ 1. With Law Enforcement ☐ 2. With No Law Enforcement ☐ 3. No Workers Present Work Zone Location C15 ☐ 1. Advance Warning Area ☐ 2. Transition Area ☐ 3. Activity Area ☐ 4. Termination Area Work Zone Type C16 ☐ 1. Lane Closure ☐ 2. Lane Shift/Crossover ☐ 3. Work on Shoulder or Median ☐ 4. Intermittent or Moving Work ☐ 5. Other
Traffic Control Device C4 ☐ 1. Yes - Working ☐ 2. Yes - Working and Obscured ☐ 3. Yes - Not Working ☐ 4. Yes - Not Working and Obscured ☐ 5. Yes - Missing ☒ 6. No Traffic Control Device Present	Roadway Surface Type C8 ☐ 1. Concrete ☐ 2. Blacktop, Asphalt, Bituminous ☐ 3. Brick or Block ☐ 4. Slag, Gravel, Stone ☒ 5. Dirt ☐ 6. Other	Intersection Area: ☒ 8. Non-Intersection ☐ 9. Within Intersection ☐ 10. Intersection-Related - Within 150' ☐ 11. Intersection-Related - Outside 150' Other Location: ☐ 12. Crossover Related ☐ 13. Driveway, Alley-Access-Related ☐ 14. Railway Grade Crossing ☐ 15. Other Crossing (Crossings for Bikes, School, etc.)	School Zone C17 ☐ 1. Yes ☐ 2. Yes - With School Activity ☒ 3. No Type of Collision C18 ☐ 1. Rear End ☐ 2. Angle ☐ 3. Head On ☐ 4. Sideswipe - Same Direction ☐ 5. Sideswipe - Opposite Direction ☐ 6. Fixed Object in Road ☐ 7. Train ☐ 8. Non-Collision ☒ 9. Fixed Object - Off Road ☐ 10. Deer ☐ 11. Other Animal ☐ 15. Backed Into ☐ 16. Other