

CURRICULUM VITAE OF
DAVID V. HEINBAUGH, ACTAR
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EMPLOYMENT

October 1982 to December 1989

United States Air Force

Assignments: Security Policeman, Security Communicator/Plotter, Flight line and Alert Aircraft/Weapons Area Supervisor. Personnel Supervisor.

January 1990 to June 2007

Contra Costa County Sheriff's Department

Assignments: June 1990 to December 1994 - Detention Division

January 1995 to September 1995 - County Patrol Division

October 1995 to Present - Contract City of San Ramon

July 1996 to Present - Traffic/DUI Enforcement Officer

July 1996 to Present - I.M.P.A.C.T. Team Member

July 1996 to Present - Traffic/DUI Trainer

March 1999 to Present – Motor Officer

June 2001 to Present – Instructor for SRPD Citizen's Academy

July 2003 – Committee Member for Youth DUI Outreach

October 2003 to 2006 – Committee Member, Avoid the 25 Campaign

June 2004 to 2006 – Committee Member, "Street Smarts" Campaign

January 2004 to 2007 –Acting Sergeant on fill-in occasions

July 2007 to Present

San Ramon Police Department

Assignments: July 2007 to Present – Traffic Division/Motor Officer

Member of IBPS (Interest Based Problem Solving) Committee

July 2008 to Present – Driver Awareness Instructor (POST Certified)

May 2009 to Present

Contra Costa County Sheriff Regional Training Center

Assignments: May 2009 to Present – TAR II instructor (POST Certified)

June 2009 to Present – Advanced Traffic Investigation Instructor (POST Certified)

EDUCATION

September 1977 to June 1981- Lakewood High School, Lakewood OH, Diploma: June 1981

October 1982 to February 1983 - USAF Basic Training/USAF Security Police Academy, Lackland AFB TX

July 1991 – P.O.S.T. Basic Certificate

November 1999 – P.O.S.T. Intermediate Certificate

July 2002 – P.O.S.T. Advanced Certificate

AWARDS & RECOGNITIONS

May 1997 – Mothers Against Drunk Driving Recognition Award

August 2002 – Officer of the Month for SRPD

May 2003 – “Avoid the 25” DUI Award for 2002

May 2004 - “Avoid the 25” DUI Award for 2003

December 2003 – Selected as Officer of the Year, SRPD for 2002

January 2003 – Selected as Corporal CCCSO

January 2004 – Selected as Corporal CCCSO

January 2005 – Officer of the Month for SRPD

January 2006 – Selected as Corporal CCCSO

November 2006 – Awarded Full Accreditation from ACTAR (Accreditation Commission for Traffic Accident Reconstruction)

July 2007 – San Ramon Gold Star Award (Instructing Traffic for new personnel)

November 2007 – San Ramon Gold Star Award (PG&E Road Closure)

June 2008 – San Ramon Gold Star Award (Assistance in Bike Rodeo)

October 2008 – Elected to Caars Board of Directors

June 2009 – San Ramon Gold Star Award (Assistance in Officer Funeral Motorcade)

AREAS OF EXPERTISE

Traffic Accident Reconstruction and Investigation

Qualified as expert:

August 2004 - Contra Costa County Superior Court- Richmond - Criminal

November 2004 – Contra Costa County Superior Court – Martinez - Criminal

November 2005 – Contra Costa County Superior Court – Martinez - Criminal

May 2006 – Contra Costa County Superior Court – Martinez - Civil

April 2007 – Contra Costa County Superior Court – Martinez - Criminal

September 2008 – Alameda Super Court- Hayward –Civil

D.U.I. Enforcement

Forensic Diagramming with the Sokkia & Leica Total Stations

Certified Trainer for Sokkia & Leica Total Station Systems (6-02)

POST certified Driver Awareness Instructor (2-09)

POST certified Collision Investigation Instructor (5-09)

PROFESSIONAL AFFILIATIONS

California Association of Accident Reconstruction Specialists (Ca²rs)

Municipal Motor Officer's of California (MMOC)

Peace Officer's for Christ International

Accident Reconstruction Network (ARC) Member

Accreditation Commission for Traffic Accident Reconstruction, #1817

Professional Society of Forensic Mapping Inc., #2008F

National Association of Traffic Accident Reconstructionists & Investigators (NATARI)

SPECIALIZED TRAINING

Total: 2400+ hours

Basic Police Training

Total: 880 hours

May 1990 – Basic Police Academy, 714 hours (including Alcohol Workshop)

May 1990 – Jail Operations Course, 60 hours

December 1997 – Street Survival 97 Seminar, 24 hours

May 2003 – Elder Abuse Investigation, 8 hours

April 2006 – Interview and Interrogation School, 40 hours

September 2008 – TASER training, 8 hours

DUI Investigations

Total: 85+ hours

April 1990 – Intoxilyzer 5000 training, 2 hours

July 1996 – Preliminary Alcohol Screening Device training, 3 hours

July 1996 – 11550 Drug Recognition Course, 16 hours

October 1996 – DUI Seminar, 32 hours (including Alcohol Workshop)

January 2000 – Drager Alcotest 7110 training, 4 hours

January 2005 – Instructed Basic DUI Procedures for county patrol deputies, 8 hours

April 2005 – Caars Training – DUI Human Factors & DUI Lab 24 hours

Bi-Annually – Instructed DUI workshop for SRPD Citizens Academy

DUI Investigation Statistics:

Arrests - ±260

Investigations/FST's - ±510

Horizontal Gaze Nystagmus - ±510

General Traffic Training

Total: 400+ hours

November 1995 – Radar (Doppler) Training, 24 hours

March 1999 – Basic Motorcycle Training Course, 80 hours

November 2000 – CATAR-MathCAD Training, 40 hours

May 2003 – Traffic Workshop for LE Professionals, San Diego, 8 hours
 September 2003 – In House Motorcycle Training CHP Academy, 16 hours
 September 2004 – OTS Traffic Summit, Palm Desert, 24 hours
 September 2004 – Basic LIDAR User Course, Napa, 8 hours
 April 2005 – Haz Mat Transportation Conference, Concord, 24 hours
 January 2006 – OTS Traffic Summit, Dana Point, 24 hours
 July 2006 - In House Motorcycle Training Dublin EVOC, 24 hours
 February 2006 – Basic Doppler Radar Training, Concord, 24 hours
 April 2007 – OTS Traffic Summit, San Diego, 24 hours
 April 2008 – OTS Traffic Summit, Anaheim, 24 hours
 April 2008 – House Motorcycle Training Moffett Field EVOC, 8 hours
 July 2008 – Level 3 Commercial Vehicle Enforcement, El Cerrito, 4 hours
 July 2008 – House Motorcycle Training, Jackson, 8 hours
 October 2008 – House Motorcycle Training Dublin EVOC, 8 hours
 February 2009 – Driver Awareness Instructor, Dublin EVOC, 24 hours

Accident Investigation Training:

Total: 700+ hours

January 1996 – Basic Traffic Accident Investigation, 40 hours
 September 1996 – Intermediate Traffic Accident Investigation, 40 hours
 January 1997 – Advanced Traffic Accident Investigation, 80 hours
 March 1997 – Traffic Accident Reconstruction, 80 hours
 June 1997 – IMPACT, 6 point Crush Review, 3 hours
 January 1998 – Light Bulb Analysis, CHP MAIT, Benicia, 5 hours
 August 1998 – Caars Quarterly, Auto vs. Pedestrian Accident (Eubanks), 8 hours
 August 1999 – Auto vs. Pedestrian Accident Investigation, 40 hours
 December 1999 – IMPACT, Vehicle Mechanical Inspection, 8 hours
 April 2000 – Caars Quarterly, Skid Mark Identification, 8 hours
 July 2000 – Caars Quarterly, Commercial Bus Accident Investigation, 8 hours
 August 2000 – Advanced Accident Reconstruction (Speed from Crush), 40 hours
 October 2000 – Caars Quarterly, Auto vs. Pedestrian Recurring Training (Eubanks), 8 hours
 October 2000 – IMPACT, Crush Measurements w/jig (Presented), 4 hours
 December 2000 – Caars Conference, Crush/Black Box, 16 hours
 February 2001 – Caars Quarterly, Lamp Analysis in Traffic Accidents, 8 hours
 July 2001 – Caars Quarterly, Commercial Vehicle in Accident Reconstruction, 8 hours
 September 2001 – IMPACT, Speed from Skid, Center of Mass, 4 hours
 October 2001 – Caars Conference, Collision Investigation and Reconstruction, 20 hours
 April 2002 – Caars Quarterly, Vehicle Fire Investigations, 8 hours
 July 2002 – Caars Quarterly, Court Testimony, 8 hours
 October 2002 – Caars Conference, Commercial Vehicle Investigation, 24 hours
 October 2003 – Caars Conference, Bicycle/Scooter Accident Investigation, 24 hours
 January 2004 – Caars Quarterly, Light Bulb Analysis, 8 hours
 May 2004 – Caars Quarterly, Vehicle Inspections, 8 hours
 August 2004 – Caars Quarterly, Momentum Review, 8 hours
 October 2004 – Caars Conference, Motorcycle Accident Investigation, 24 hours
 January 2006 - Caars Quarterly, ABS Braking Systems, 8 hours
 June 2006 – Caars Quarterly, Restraints, Airbags and Child Restraints, 8 hours

September 2006 – Advanced Traffic Accident Reconstruction (TAR II), 40 hours
November 2006 – Caars Conference, Momentum-Start to Finish, 24 hours
April 2007 – Basic Vehicle Inspection, Riverside, 40 hours
July 2007 – Caars Quarterly, Crush Review, Santa Rosa, 8 hours
October 2007 – Caars Annual Conference, “Accident Reconstruction Grab Bag”, 24 hours
May 2008 – Caars Quarterly, Traffic Signals, Vacaville, 8 hours
July 2008 – Level 3 Commercial Vehicle Enforcement, El Cerrito, 8 hours
August 2008 – Caars Quarterly, Basic Vehicle Inspection Review, 8 hours
October 2008 – PA State Police Accident Reconstruction Seminar, State College PA, 24 hours
October 2008 – Caars Annual Conference, Sacramento, 24 hours
January 2009 – Human Behaviors Class (Response Times), Sacramento, 40 hours
August 2009 – Caars Quarterly Training, Motorcycle Collisions, Vallejo, 8 hours
October 2009 – Caars Annual Conference, Anaheim CA, 20 hours

Accident Investigation Statistics:

Investigations: ± 1200 Hit & Run: ± 360 Crash Tests: ± 50
Major Injury/Fatal: ± 110 Auto vs. Pedestrian Tests: ± 40

Forensic Mapping Training:

Total: 400+ hours

May 1998 – Forensic Mapping Training/Certification, 40 hours
August 1998 – Sokkia Forensic Mapping Training, 32 hours
May 1999 – Caars Quarterly, Sokkia/Crash test, 8 hours
January 2000 – Computer Assisted Diagramming, Auto Sketch Ver. 7, 40 hours
February 2001 - IMPACT, Sokkia Review (Provided), 4 hours
March 2001 – IMPACT, Sokkia Review (Provided), 4 hours
April 2001 - IMPACT, Sokkia Review (Provided), 4 hours
October 2001 – IMPACT, Sokkia Review (Provided), 4 hours
June 2002 – Leica/Sokkia Total Station Training Certification, 40 hours
October 2002 – Instructed Sokkia Total Station to Danville PD, 40 hours
December 2002 – MapScenes CAD Training, Oakland PD, 40 hours
December 2003 - IMPACT, Total Station Review (Presented), 4 hours
March 2005 – Instructed Total Station Training for IMPACT Members, 40 hours
September 2005 – IMPACT, Total Station Review (Presented), 8 hours
October 2005 – Instructed Total Station Training for IMPACT Members, 40 hours
July 2006 – Crash Zone CAD Training-Basic, 24 hours
July 2006 – Crash Zone CAD Training-Advanced, 16 hours
January 2007 - Instructed Total Station Training for IMPACT Members, 40 hours

Forensic Mapping Statistics:

Total Station Diagrams: ± 300 CAD Drawings: ± 1600