

CURRICULUM VITAE

G. Steven Fleming

Fort Collins, CO, 80525 - Phone 970-218-2400 (Cellular)

Office - 1612 W. Laporte Ave., Suite 10, Fort Collins, CO, 80521

Phone 719-966-9922 (Business)

www.technicalrescuesystems.com

steve@technicalrescuesystems.com

CURRENT:

Technical Rescue Systems - Fort Collins, CO (*Established 1986*) - Owner / Senior Instructor

Front Range Community College - Fort Collins, CO - Staff Instructor - Emergency Services

Board of Directors: International Association of Dive Rescue Specialist

Advisory Board Member - EcoTech Institute

NATE Safety and Education Committee - Committee Member

Commercial Drone Alliance - Committee Member

PAST:

Poudre Fire Authority - Fort Collins, CO - Firefighter Captain - Retired 37 years February 2014

Safety One International - Sedalia CO - Program Developer / Director of Training / Master Instructor
(1999 to 2010)

MAJOR CAREER INTERESTS

- Emergency Services - Fire and Rescue - Emergency Medicine
- Industrial Fall Protection
- Communications Tower Climbing, Safety and Rescue Training
- Education - Instruction
- Presenting Skills - Adult Education - Training
- Technical Rescue - Rope Rescue - Confined Space - Tower Rescue
- Rope Access

- Wind Turbine - Vertical Rope Access and Rescue
 - Industrial Emergency Response Team
 - Society of Professional Rope Access Technicians - Level One
 - FAA Licensed Commercial Drone / UAVs Pilot
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EDUCATION

- High School - Longmont, Colorado / Graduated 1973
 - Community College - Aims Community College - Greeley Colorado
 - Colorado State University - Continuing Education - Ft. Collins, Colorado
 - University of Northern Colorado - Greeley, Colorado
 - Completed Numerous Emergency Services Classes, Courses and Conferences
 - Colorado State Vocational Instructor
 - Certified Colorado Municipal Services Instructor / Evaluator
 - Society of Professional Rope Access Technicians - Level One
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COURSE CERTIFICATES

- Colorado State Firefighter I, II, III
- National Fire Academy Fire Instructor I
- Public Safety Diver and Instructor - Scuba Schools International
- SCUBA Instructor - Scuba Schools International
- Dive Rescue Specialist I, II and Advanced - Dive Rescue International
- Ice Diving / Dry Suit and Surface Supplied Air Diving
- Swift Water Rescue Specialist - Dive Rescue International

- Heavy Rescue Seminar - South Metro Training Academy
- Dale Carnegie Course - Leadership and Teamwork
- Fire Service Management - Public Safety Training Institute
- Colorado State Emergency Medical Technician
- How to Make Presentations That Win - Career Track
- Confined Space Entry and Rescue - University of Maryland Fire and Rescue
- Emergency Trench Rescue - South Metro Training Academy
- Heavy Rescue - South Metro Training Academy
- Supervisory Skills Seminar - City of Ft. Collins, Colorado
- Rope Rescue I and II - Dive Rescue International
- Models to Manage a Fire Department & Career - Paragon Management Institute
- Heavy and Tactical Rescue - Commonwealth of Virginia Fire Service Training
- Fire Ventilation Seminar - Aims Community College
- Rigging for Rescue - Arnor Larson & Larimer County Sheriff=s Department
- National Academy for Professional Driving - NAPD
- Hazardous Materials Conference - Rockville, Maryland
- Making a Difference - Emergency Resource
- Tank Car Safety - Association of American Railroads Training Center
- Command and Control of the Collapse Incident - South Metro Training Academy
- Surviving Technical Rescue Operations - South Metro Training Academy
- Chemistry of Hazardous Materials - National Fire Academy
- Hazardous Materials Operations Level - International Fire Service Training Assoc.
- Psychomotor Skills Development - National Association of EMT
- Colorado State Emergency First Responder

- Public Safety Team Leadership - Dive Rescue International
- OSHA - ANSI - NATE Authorized Climber / Rescuer
- OSHA - ANSI - NATE Competent Climber / Rescuer
- OSHA - ANSI - NATE Qualified Climber / Rescuer
- DEUS Rescue Device Authorized Instructor Training - DEUS Boulder
- Personal Protective Equipment Competent Person Inspector - Petzl America
- Personal Protective Equipment Competent Person Inspector - Capital Safety
- Authorized Power Capstan Use, Inspection Training - Nessimi Sicily
- Authorized Harken Power Seat Training - PMI Rope Inc.
- Rope Trip International - Petzl America
- Society of Professional Rope Access Technicians - Level One

PUBLICATIONS (ARTICLES AND MANUALS PUBLISHED)

- Searchlines Magazine - International Association of Dive Rescue Specialists
- Rescue Magazine - Columnist - Jems Communication
- FireRescue Magazine - Jems Communication
- Response Magazine - National Association for Search And Rescue
- Confined Space Entry and Rescue Handbook - Technical Rescue Systems
- Low Angle Rope Rescue - Technical Rescue Systems
- Firehouse Magazine Online Webinar - Tower Rescue
- Tower Climbing Safety and Rescue Certification Manual - Technical Rescue Systems
- Incident Prevention Magazine - Tower Rescue
- Tower Times - Tower Rescue Instructor
- Tower Times - Safety and Education Information and Update

BOOK REVIEWS (TECHNICAL ADVISOR / CONSULTANT)

- Basic Rescue and Emergency Care - American Academy of Orthopedic Surgeons
- Rope Rescue Nomenclature - Ropes that Rescue
- Technical Rescue Manual - Delmar Publishing
- Technical Rescue Guidebook - Tom Pendley
- Swift Water Rescue Guidebook - Slim Ray
- Accident Prevention Safety and Health Program Guide - Authored "Rescue Plan Guidelines" - National Association for Tower Erectors

CONFERENCE PRESENTER

(a list of presented topics are available upon request)

- Water Rescue 1996, 1998, 1999, 2002, 2010 - IADRS
- NASAR Response 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2001
- Southeast Region EMS Conference - Sitka Alaska
- Emergency Medical Technicians of Colorado - 1987, 1988
- Search and Rescue Disaster Response Conference 1998, 1999
- Colorado Safety and Prevention Conference - 1996, 1997
- Roaring Fork Rescue Academy - Snowmass, CO - 1997, 1998
- EMS Today Conference - 1997
- International Symposium on Rescue Dogs - 1995
- North American Technical Rescue Symposium - 1988, 1989, 1990, 1993 thru 1997
- The Colorado Society of Radiologic Technologists - Estes Park, CO - 1997
- First Due Conference 1993, 1994
- Team Rescue - Virginia Beach, VA - 1992, 1993, 1994
- Rescue Conference Landsbjorg 1996 - Rekivic Iceland
- NAEMS Educators Conference - 1998
- Dive Rescue Conference - Ft. Collins, CO - 1990
- Tri-State Fireman's Conference - Grant, NM - 1988
- Colorado Safety Association Courses - 1995, 1996, 1997, 1998
- iP (Incident Prevention) Conference - 2005, 2007, 2009, 2011
- International Technical Rescue Symposium - 2002, 2005, 2014, 2017
- NATE (National Association of Tower Erectors) Conference - 2011, 2014, 2015, 2016

NOTE: Other specific course and conference material available upon request.

OTHER ITEMS AND PAPERS

- Technical Rescue Program Development Committee for the Poudre Fire Authority
 - Develop and Produce Public Education Television Programs for City of Ft. Collins
 - Discovery Channel - 1997 Flood - Educational Television Programming - 2001
 - National Geographic Channel - 1997 Ft. Collins Flood - Educational Television Programming - 2005
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PROFESSIONAL MEMBERSHIPS

- National Association for Search And Rescue (past board of directors 1990 - 1994)
 - International Association of Professional Firefighters Local 1945 - 1980 - current
 - International Association of Dive Rescue Specialists (currently on board of directors)
 - NFPA National Fire Protection Association (past member of 1983 committee / current member of the 1670 committee)
 - Fort Collins Fire Museum - Board of Directors - 2005 - current
 - NATE National Association of Tower Erectors - 2009 - current
 - ANSI American National Standard Institute / OSHA - current member A10.48 Communication Tower Standard
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FAA PILOT CERTIFICATES

- Private Single Engine Fixed Gear - VFR
- Private Glider
- Drone UAS Certification and 333 FAA Exemption, FAA Part 107

SCUBA CERTIFICATES

- SCUBA Schools International - Certified Diver - 1979
- Dive Rescue International - Dive Rescue Specialist I - 1981
- Dive Rescue International - Public Safety SCUBA Instructor - 1982
- Dive Rescue International - Dive Rescue Specialist II - 1983
- Dive Rescue International - Ice Rescue Specialist - 1983