CARL WEIL - CURRICULUM VITAE 09-10-11

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EXPERT WITNESS and RISK MANAGEMENT in the fields of;
Archery, Camps, Equine, Guiding, Ranching, Recreation, Rock Climbing,
Shooting Sports, Wilderness Medicine, Emergency Medical Service and Camp Skills

Carl Weil has earned many credentials helpful to his 30+ years of expert witness work. His years of public speaking and clean cut western appearance help him when taking the stand to testify. He has reviewed over 2500 outdoor businesses in the US, Canada and abroad as a risk manager. Lawyers find his honesty and clarity an asset on their cases .He has worked on approximately 300 cases as an expert. He grew up on a family ranch in the Colorado Mountains and is a third generation guide. Public presentations in safety are frequent. A list of his publications follows. His recent unique monograph presentation on levels of outdoor liability and responsibility before the Wilderness Education Association was positively received. Scholastically he has undergraduate degrees and many hours of on going graduate work. His field of cases has included: Archery, Appraisals, Camps, Climbing in gyms and on traditional rock, Equine activities, Guest and working ranches, General Aviation, Guiding, Hunting, Horses, Livestock, Mountaineering, Outfitting, Schools and Safety. He has been accepted as an expert witness in civial and criminal cases. He offers a free initial review.

EDUCATION

Various schools attended to earn -	2006 "Fellow", Academy of Wilderness Medicine, Wilderness Medical Society
University of Northern Colo – Greeley, CO	2001-02 Graduate Courses
University of Denver – Denver, CO	1980-84 Risk Management, Business
Arapahoe Community College – Littleton, CO	1978-Emergency Medical Services
Colorado State University – Ft. Collins, CO	1967-B. S., Social Science, Economics, Agriculture
Mesa State College – Grand Junction, CO	1964-Associate of Arts
Chapman College- Orange, CA	1962-Liberal Arts

Archery

1. 1955 started shooting archery.
2. 1964-1967 took some mechanical classes applicable to archery at Colorado State University.
3. 1984 attended Olympic archery competition as a spectator.
4. 1991 set up private archery course. Later added 3 D targets.
5. 1996- on: instructs private archery lessons.
6. Case topics:
   - 3D range safety-researched all US archery major organization rules.
   - Archery treestand harness-researched harness manufactures methods and similar products.
   - Face injury blamed on bow design case.
   - Consulted on several cross bow cases.

   - Appropriateness of children on range – response came from position of public school official, parent, youth archery instructor, youth program manager, and researching major organization rules.
   - Carbon fiber arrow failure - manufacture or user cause, various cases.

Mr. Weil has extensive experience with carbon fiber arrow personal injury cases of different manufacturers including investigating way arrows are used as well as care given to them Mr. Weil has been able to determine through his investigative questions as well as inspection methods of arrows, bow and targets possible reasons of failure. He has pioneered testing with engineering laboratories. His strong mechanical background which includes gunsmithing gives him an wide prospective that other archery experts may lack.

He has handled product liability cases including hunting tree stand equipment, bow design including compound and cross bows as well as arrows.

His familiarity with safe archery practices gives counsel the opportunity to find deviation from good risk management procedures. This familiarity is based on both extensive research and first hand experience over 40 plus years as well as archery practices in and out of the USA. Most noticeably he has competed in the Himalayas in the kingdom of Bhutan where archery is the national sport. His personal archery experience dates back to his first long bow in the 1950s. He has case work in many states including Georgia, Illinois, Kentucky, Indiana, Virginia and Missouri

He has experience running and using archery ranges. This extends from the Olympics to competitive 3D to camp archery facilities. He has advised in cases in most of these areas including instruction and children on archery courses.

Equine

1. 1946 begin ridding.
2. 1955 begin competing gymkhana events.
3. 1958 begin instruction Western riding.
4. 1968 graduated from Colorado State University with a specialty in Agriculture Economics.
5. 1970 Worked with first of approximateluy20 insurance companies on Equine Insurance.
6. 1976 begin equine appraisal work.
7. Involved in the formation Of the US Dressage federation.
8. 1984 worked in Equestrian events at US Olympics.
9. 1984-1996 worked numerous horse shows as a medic.
10. 1986 taught Equine liability at Colorado State University.
11. Case topics:
    - Liability issues re care custody and control of Equine.
    - Horse valuation cases.
    - Guided trail ride liability cases.
    - Equine Insurance issues.

Mr. Weil was born on a horse Calvary post. He started ridding at the age of three and has been involved in most every aspect of the Western and English horse world. He is experienced with all aspects of horse insurance as well as practical skills from vet work (having attended classes at Colorado State University) to farriering (having been taught by a 10Th Mountain Army farrier). He has worked with horses and mules on the range, in the arena, driving, ridding, and showing as well as with appraisals. He has designed safety liability programs as well as property insurance programs for over a dozen insurance companies.

He has written articles in several horse magazines as well as having been quoted in magazine and book articles in the safety and risk management field. He has been a medic at numerous horse shows on local and national levels.
He has done risk management reviews of hundreds of business in this field. He developed both forms and safety guidelines in this field.

Livestock

1. Born on horse Cavalry post WWII.
2. 1945-to present raised on lived on cattle ranches with registered horse breeding operations.
3. 1966-1970 took agricultural classes at Colorado State University.
4. 1984 to 1989 raised numerous national cattle champions.
5. Worked on various (Sand hills, South park, Elbert county, Walsenburg, Jefferson county, Mesa County,) cattle ranches in Nebraska and Colorado.
6. Case topics:
   - Liability issues regarding livestock with various guest ranch cases.
   - Liability issues regarding fencing issues and animal containment.
   - Injuries aspects from bull attack.
   - Valuations on Lots and individuals horses.
   - Ranching practices.
   - Safety lay out of design operations.

Mr. Weil was raised on family ranches in Nebraska and Colorado prior to having his own ranch raising a national championship herd of Scotch Highland Cattle. He received a Bachelor of Science from the State Agriculture School at Colorado State University. With his Universality training and his decades of practical ranch experience he has been helpful to many cases in this field. He has knowledge of a broad number of aspects from fencing to ranching economics. He has done risk management reviews of many ranches. . He developed both forms and safety guidelines in this field.

Guiding: camping/hunting/fishing

1. 3rd generation guide.
2. Worked as: horse, hiking, hunting and mountaineering guide.
3. Inspected hundreds of guide operations.
4. Case topics:
   - Hiking guide at youth program involving youth death.
   - Fishing guide with client death.
   - Remote camp medic with youth death.
   - Hunting camp fractured femur care.

As a third generation guide Mr. Weil has familiarity with fishing, hunting and sightseeing having experience from Alaska thru The Rockies to the great lakes. He has experience with scenic tourism from private carrier, watercraft, hiking, rail and aerial.
He has done risk management reviews of hundreds of business in this field. He has designed safety liability programs as well as property insurance programs for over a dozen insurance companies.

He is familiar with guided hunts as well as drop camp hunts by horse, foot as well as recreational vehicles. He is a current NRA instructor having received his first certificate as NRA instructor in

1967. He was a competitive national marksman in the USMC as well as club and collegiate competition; He has been a worker, range master as well as instructor on civilian and military ranges.
Mr. Weil has worked with camps since his early child hood. These camp experiences include military, religious, organizational, youth as well as adult camps. His first job after obtaining his second collage degree was directing the Colorado State 4H camp

He has done risk management for hundreds of camps and guest ranches from east coast to west coast. He has worked common operations such as livery stables as well as the unusual such as cattle drives and wagon trains.
He has worked with small guest ranches as well as larger both generalized and specialty. He has designed safety liability programs as well as property insurance programs for over a dozen insurance companies.

Rock Climbing / Climbing Gyms / Mountaineering

1. Climbing since late 1980's.
2. Taught climbing in Boulder Colorado for four years
3. Climbed on four continents.
4. Guided on four continents.
5. Climber over two dozen 14,000 'mts and several taller in the Himalayans and Mexico.
6. Provided planning for numerous groups a doing mountains.
7. Case topics:
   - Student death on 14,000' school climbs.
   - Climbing gear law suit.
   - Belaying accidents in and out of climbing gyms.
   - Ice climbing death.
   - Morbidity on guided mountaineering club trip.

Mr. Weil started solo trips in the mountains when he was in grade school. He has covered mountains from US coast to coast on both foot and horse back. He has been a team member in 2 Everest expeditions.
He has traveled to and on mountains in USA Mexico, Asia New Zealand as well as Europe. He has also guided in these areas. From 1988 to 2001 he was a professional member of the American Mountains guides Association as well as the organizations Risk manager. He has been a safety speaker on numerous occasions. He has taught mountaineering as well as rock climbing and Leave No Trace Trainer programs. He holds a Master of Leave No Trace. His training has included many professional courses such as a nine day roped rescue course from AMSAR, the historical rope rescue leader for whom he was risk manager for 14 years.

He started the first insurance program to insure rock climbing gyms in 1988. He then developed Mountaineering insurance and guiding programs. He has done underwriting, risk management and program development for 11 insurance companies. He developed both forms and safety guidelines in this field. Many of the professional groups still use his work product.

MOUNTAINEERING / OUTDOOR EXPERIENCE /CAMPS / GUIDING

1996-Guided Colorado wilderness client trip.
1995-To Present:

-Presenter of original liability paper 2005 WEA national conference
-Instructor, EMS Wilderness Medicine Seminar, Tamaron, Colorado.

-Instructor, Wilderness Medicine Seminar Colorado State Annual EMS Conference.
-Speaker, Wilderness Medicine US Army Conference, ICOR, Colorado Springs, CO.
-Hired to do safety inspections Eastern Canada Rafting companies.

1994-Speaker, Outdoor Risk management and safety and wilderness medicine AAHPRED National Meeting.

1992-Became intermediate rock climbing instructor Boulder Mountaineering School,
-Speaker, Outdoor Risk management and safety before UIAA Board
-Speaker, Outdoor Risk management and safety, International Travel and Adventure Show, Chicago, IL

1991-Completed instructor course wilderness Medicine National Associations Search and Rescue (NASAR)
-Personal Trek Iceland 3 weeks
-Support Trek leader, Environment Control Designee 1991 American Everest Expedition led 2 peaks: Kalapatar 18,400' and Pecualde 19,100'

1989-1990 – Led private trips, Popo Mexico, 19,100'
-Became assistant instructor Boulder Mountaineering School, CMC, Boulder, CO
-In first advanced rock climbing course, Boulder Mountaineering School, Boulder, CO
-Panelist fourth Mountain Summit Conference- Sundance, Utah

1990-Developed mountaineering first aid course -
-Appointed American Mountain Guides Safety Chairman
-Staff member in charge of supplies, gear and logistics, backup medic, Everest Environmental Expedition
-Speaker, panelist 3rd Mountain Summit Conference

1988-Became professional guide member AMGA
-Completed National Ski Patrol three day avalanche course
-Paid guide (expenses), Instate Outings, Colorado MT Club
-Graduated Basic Mountaineering School CMC, Boulder, CO
-Graduated Wilderness EMT course thru NASAR

1986-Staff member, board member, risk management advisor, medical person, and guide for White Mesa Institute and outdoor education program through the College of Eastern Utah
-Started White Mesa Supply & Outfitters which became Wilderness Medicine Outfitters

1985-Started teaching specialized first aid / pre hospital care of my own program design

1972-Took first EMT class Colorado Dept of Health

1970-Took many personal outdoor trips including climbing as a leader and assistant leader. Submitted several 14,000' peaks

1969-Co-directed Western Colorado Girl Scout Camp

1967-Director Colorado State 4H Youth Camp. Started teaching back country care at CSU

1943-Born on US Horse Cavalry post and grew up on working cattle and horse ranches with family guide and outfitting business

CERTIFICATIONS, CREDENTIALS or LICENSES EARNED

Radio operator 3rd class, former
Commercial pilot SEL, MEL, BAH / WOABH
Emergency Medical Technician Wilderness I/C IV/MAST, former
Two Honorable Discharges, USMC
Rifle & Pistol Instructor, NRA
Certified Insurance Counselor conferred by examination 1978
Insurance, Surplus Lines Broker, former
Colorado Real-estate Agent, former

National ski patrol Instructor / Trainer, former
State of Colorado First Responder Examiner, former
State of Colorado First Responder School Director, former
State of Colorado EMT Training center Director, former
Master of Leave No Trace

ASSOCIATIONS Member, Volunteer, Consultant, or Speaker (M, V, C, or S)
Outdoor:
American Alpine Club (M, S, and C0
Access Fund (M, S, C)
Adirondack Mountain Club (M)
Appalachian Mountain Club (M)
American Mountain Guides Assoc. (past M Professional, C, S)
Boulder Mountaineering School (M, V)
Colorado Mountain Club (M, C, S)
Mountain Summit Conferences (C, S)
National Sports Paddle Association (C)
Seattle Mountaineers (C)
White Mesa Institute/College of Eastern Utah (V, C)
Wilderness Medicine Outfitters (C, S, M)
Wilderness Medical Society (V, C, S, M)
UIAA (S)
Equine:
American Quarter Horse Assoc. (C)
Colorado Arabian horse Club (C, S)
Colorado Horse Rescue (C, S)
High Plains Dressage Chapter (M, C, V, S)
Mountain States Combined Training Association (M, C, V, S)
Mountain Region Endurance Riders (S)
Morgan Horse Club (C)
National Sports Saddle Association (V)
Parker/Elizabeth Riding Club (M, S)
Pony Clubs of America (C)
Tennessee walking horse Association of Colorado (M, C, V, S)
United States Dressage Association (M, C, S, V)
United States Combined Training Association (M, C, V, S)
United States Olympic Association (V)

PREHOSPITAL CARE / EDUCATION
1958 One of the founding members of Search And Rescue, Evergreen, Colorado
1959-62 American Legion Search and Rescue
1965-67 Colorado State University
20 semester hrs. Under graduate and graduate level nutrition classes
16 semester hrs. Physiology and veterinarian classes
12 semester hrs. Athletic trainer classes
1972 First EMT course taken
1972 High School Teacher
1972 Four year term School Board
1976 CPR Association Instructor

1975 First president Elbert county EMS Council
1976 Founder and first president Elizabeth Ambulance Company
1987 National Association for Search & Rescue - Wilderness EMT
1988 Instructor CO State University
1992 Nat. Association for Search & Rescue - Wilderness EMT instructor
1993 Nat. Association for Search & Rescue – Senior Facility
1994 Credentialed in Basic Trauma Life Support
1994 State of Colorado Instructor Coordinator
1995 Instructor Colorado Mt College
1996 CPR Association Instructor Trainer
1996 Instructor Pikes Peak Community College
1996 Instructor Colorado College
1998 Instructor Adams State College
1999 Instructor Naropa College
2000 and 2005 Instructor USMC
2001 Instructor Univ. of Minn.
2002 to2009 Instructor Red Rocks College
2004 to present Instructor Dodge Community College
2009 to present Instructor Aurora Community College
2006 Qualified as "Fellow", Academy of Wilderness Medicine, Wilderness Medical Society

SPECIAL EXPERIENCE

Developed and directs wilderness school specializing in wilderness medical training.
Employed as risk management safety consultant in climbing and guiding endeavors.
Employed as expert witness in outdoor and equine cases.
Mountaineering – guiding, instruction, trips, and activities.
Staff member at 1984 Olympic Equestrian Events & numerous horse events.
Raised on a working cattle ranch with outfitting business.
Worked in livery, outfitting, boarding, training, instruction and shoeing.

SAFETY/INSURANCE PROGRAM DESIGN Rated, designed safety standards, wrote underwriting, did program development for:

Empire Fire and Marine	Outfitter & Guide/Mountaineering/Climbing		
TIG Insurance Co.	"	"	"
Transamerica Insurance Co.	"	"	"
Victoria Insurance	"	"	"
American Trust Insurance	"	"	"
Universal Security Insurance Co.	"	"	"
Phoenix Insurance Enterprises	"	"	"
United States Equine Business Federation	Horse insurance		

Consulted on and or did program development for:

Foremost Insurance	Horse mortality
National Sports Paddle Association	Water craft insurance and standards
Colorado Western Insurance	Outfitter & Guide/Mountaineering
Federal and state parks	Guided trail ride and rock climbing safety standards
Climbing wall industry	Belaying systems, acknowledgments and flooring

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SIGNIFICANT DATES

2006 Qualified as "Fellow", Academy of Wilderness Medicine, Wilderness Medical Society
2005 trained Colorado USMC Company prior to deployment to Iraq
2005 Qualified as "Fellow", Academy of Wilderness Medicine, Wilderness Medical Society
2000 Trained USMC Mountain Warfare Instructors
1994 WMO became first wilderness medicine training center to be approved by state of Colorado as well as numerous other agencies.
1994-Became underwriting consultant to large Canadian recreational insurance brokerage. This brokerage specialized in White Water and their Hiring Mr. Weil represented A culmination of years of water safety work with white water and canoe companies, recreational water associations and insurance companies water programs.
1993-Sold bulk of insurance agency to K&K, Ft. Wayne, IN.
1991-Selected as program developer, manager for Transamerica for equine and outfitter. liability. Designed first mountaineering rescue insurance for American Alpine Club.
1990-Designed first Access Fund climbing insurance.
1989-Appointed risk manager for AMGA.
1988-Carl Weil Insurance Agency exceeds $1,000,000 in volume.
1987-Licensed in numerous states as agent or broker including the hardest, California which required $50,000 bond and in Colorado as surplus lines agent.
1986-Wrote two of the largest equine associations in the USA. The US Dressage Federation and the US Combined Training Federation. Designed my first liability program.
1984-Purchased branch office of Rhulen Agency, horse and recreation specialty insurance company of New York.
-Achieved binding and rating authority with 3 mortality and 3 liability Insurance Co's.
1978-Became one of 50 Certified Insurance Counselors in Colorado.
1976-Started Carl Weil Insurance, became countersigning agent for Frelinghuysen Insurance.
1975-Became department manager of large insurance agency with national accounts.
1973-Became Colorado insurance broker.
1972-Helped design equine mortality program for Midwest Mutual Insurance Company.
1970-Second tour of duty USMC Honorable Discharge, licensed CO agent specialty insurance.
1967-USMC 1st Honorable Discharge.

PUBLICATIONS

"Quick Reference Backcountry Medical Care – 3rd ed.", ***Wilderness Medicine Outfitters*** (2011)
"Wilderness First Responder/ WEMT Text "***Wilderness Medicine Outfitters*** (2011)
"Wilderness First Aid Text WMO" ***Wilderness Medicine Outfitters*** (2010)
"Wilderness Advanced Life Support Text WMO" ***Wilderness Medicine Outfitters*** (2011)
"Quick Reference Backcountry Medical Care - 2nd ed.", ***Wilderness Medicine Outfitters*** (2006)
"Levels of liability and training in outdoor pursuits" ***Wilderness Medicine Outfitters*** (2005)
"Quick Reference Backcountry Medical Care", ***Wilderness Medicine Outfitters*** (2004)
"First Aid " ***Bow Hunter, Magazine***, (2003)
Various articles on water treatment and purification 1998-2003
"Wilderness Medicine Instructor Manual" ***Wilderness Medicine Outfitters*** (2001)
"Wilderness First Aid Text WMO" ***Wilderness Medicine Outfitters*** (2000)
"Wilderness First Responder/ WEMT Text "***Wilderness Medicine Outfitters*** (1998)
"Winter Survival " ***High Plain Journal***" (1997)
"Horse Mortality Insurance "***In the Balance*** (1993)
"Mountaineering Safety " ***Outdoor Retailer*** (1992)
" Mountaineering Rescue Insurance " ***Rock and Ice*** (1992)

" Outdoor Recreational Risks "***Agent Broker*** (1991)
" Riding Safety "***Horse Illustrated*** (1991)
" Horse Liability" ***Rough Notes*** (1991)
" Lowering Liability Costs" ***EQUIS*** (1991)

ATTORNEY COMMENTS
"You made our case", "You are a rare expert", "I looked all over for someone with your knowledge", "Boy the jury was impressed with your testimony"