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1	2020 Virtual SARCon				 
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5	TITLE OF PRESENTATION/TOPIC	DAY	PRESENTER	AGENCY OR RESCUE TEAM AFFILIATION	PRESENTATION DESCRIPTION
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7	The Future of SAR in Colorado (CSAR): Update	Saturday	Jeff Sparhawk	President, CSAR	Updates and revised solutions for improving SAR across Colorado. As the need for SAR increases and CSAR and SAR resources adapt to these challenging times, it is now more essential than ever that SAR continue to collaborate and design a sustainable future.
8	Keynote Speaker	Saturday	Laura McGladrey	PMHNP, FNP, MSN, RN, FAWM University of Colorado, College of Nursing, Faculty School of Medicine, Department of Psychiatry Department of Emergency Medicine	Laura McGladrey delivered a memorable talk last year on maintaining mental health and resilience in the SAR community. This year she'll help name the new stressors and grief process that have accompanied the pandemic, and share innovations from rescue teams throughout Colorado and the US who are rising to meet these challenges. Finally, she will explore evidence based strategies to remain or return to "green," and build the tools to measure our capacity to respond to stressors and complexity ---all in this strange new arena that has disrupted the personal connections usually made during training and post-mission time, that are so crucial to SAR work.
9	No Boards & No Collars - New Updates to Spinal Cord Protection	Saturday	Jason Williams	Director, International Mountain Medicine Center, University of New Mexico, School of Medicine	Should we be using backboards and rigid cervical collars? Is the goal total immobilization or just common sense spinal protection? These questions and more answered as we review the latest research from the Wilderness Medical Society on spinal cord protection.
10	Critical Decisions in Hypothermia Rescues	Saturday	Jason Williams	Director, International Mountain Medicine Center, University of New Mexico, School of Medicine	Case-based lecture on search and rescue of hypothermic victims, where their clinical state combined with situational awareness dictate critical decision points for treatment and evacuation.
11	Difficult Airway, Airway Management and Trauma Resuscitation	Saturday	Chad Miller	Flight For Life	This presentation will review hypothermia physiology and the Swiss staging score while describing clinical cases of HT I-V including out of hospital and in hospital care.
12	Toxicology and Excited Delirium	Saturday	Candace Horgan	Paramedic, Stadium and Echo Mountain Ski Patrol	We'll do a deep dive on toxicological emergencies. How do different toxidromes present? What is the pathophysiology? What are your treatment options?
13	Expanded Neuro Exams	Sunday	Candace Horgan	Paramedic, Stadium and Echo Mountain Ski Patrol	Add this expanded neuro assessment to your patient assessment toolkit. This expands your stroke assessment and can be used in trauma to look at cranial nerve function and other neurological issues.
14	Case Reviews	Saturday	Jenna Billig	Flight For Life	Flight For Life crewmembers will present cases that were noteworthy, from the files of our SAR responses over the past year
15	Best Practices in Mapping for SAR Incidents	Saturday	Ben Lantow, Meghan Twohig Julie Vargo	Alpine Rescue Vail Mountain Rescue Inyo SAR and Tahoe Nordic	We'll highlight some best practices in managing geographic information during SAR incidents utilizing SAR Topo, including discussion of inputting, sorting, and displaying geographic information obtained in the course of managing a SAR incident. This lecture will also include overview of some SAR Topo team account functions and further discussion of live tracking capabilities.
16	Lightning Awareness in Colorado, its striking impact on SAR and YOU	Saturday	Bruce Beckmann	Alpine Rescue Team	We'll discuss lightning, its elements, and its impacts on hikers and the SAR community. This discussion will open your eyes to the many serious dangers that exist in the backcountry when storms are on the horizon. We will go through some historical statistics, weather forecasting, five ways you can be struck by lightning, facts and myths – and which is which, use of your senses, prevention, what to do if a person is struck, and most importantly, understanding the long term effects of Electrical Insults.
17	Incidents and Accidents in SAR	Saturday	Charley Shimanski	Flight For Life	While rescue mountaineers must strive at every turn to focus on the safety of their victims, they understandably must put their own safety first. Rarely, rescuers will be hurt, or even killed. This multi-media presentation will profile a number of rescue accidents, and will include analysis of those accidents. Utilizing still/video images from rescue teams, National Parks, and foreign agencies, this Power Point presentation will include case studies of accidents and near-misses in mountain rescue operations.
18	A primer on FFL Rescue Programs - Lift Ticket, Rescue Deployment and Avalanche Deployment	Sunday	Chad Miller	Flight For Life	Flight For Life works with Colorado Sheriffs, search and rescue groups, and ski patrol units by inserting highly-trained rescue mountaineers via helicopter into complex scenarios in austere environments. This collaboration saves time and energy during backcountry rescues.
19	Situational Awareness in SAR	Saturday	Charley Shimanski	Flight For Life	Situational Awareness has been studied and used for decades in military, civil, commercial and aerospace applications. More and more, emergency service organizations are focusing on situational awareness as a key factor in reducing risk and increasing safety factors. This multi-media presentation will include a detailed discussion about the multitude of elements pertaining to the risks in rescue operations in mountainous terrain.

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20	Assuring Safe Flight Operations - From A Pilot's Perspectives	Saturday	Mark Burrows	Flight For Life	We'll present a Flight For Life pilot's perspective on successful operations with SAR personnel in the back country environments. Topics will include aircraft altitude performance and limitations, safe operations around aircraft, landing zone safety and selections, and communications.
21	State SAR Coordinator Roundtable	Sunday	Woody, Sparhawk, Caulfield	CSAR	This roundtable discussion will cover the behind the scene work that the State SAR Coordinator does when Sheriffs and SAR Teams are requesting resources. We will highlight the new collaborative approach that is used when requesting CONG resources and the filling out of the 214.
22	Cleaning & Disinfecting Gear	Sunday	Loui McCurley	PMI	Equipment care and maintenance is always an important topic, and protection against potential transmission of infectious illness through equipment should always be a consideration for emergency responders. Nowadays, with COVID-19 at the forefront of people's minds, the question has gained even greater momentum.
23	Litter Carries & Patient Management	Saturday	Loui McCurley	PMI	Technical rescue usually means dealing with an injured or ill individual. Transportation of the injured or sick person from the rescue environment to an ambulance or helicopter typically involves use of a litter. In fact, most rescue teams spend more working hours performing litter evacuation and trail carries than technical rope rescue – but train for it less. Understanding how to safely and effectively package patients for different types of evacuation, properly handle, carry, and move different types of litters through difficult terrain are arguably some of the most important skills a rescuer can have. This presentation will review common types of litters used for rescue, offer tips for patient packaging, comfort and protection, and discuss salient points of litter management and moving the litter.
24	Vertical Operations	Saturday	Mike Everist, Arron Dover	Alpine Rescue Team	Top to Bottom: ART Vertical and Scree Operations. Rescuing a subject in a vertical environment can require significant resources and coordination. In this presentation we will look at the systems, logistics, personnel and equipment used in a vertical system and considerations for a scree evacuation.
25	Understanding Mechanical Advantage	Saturday	Martin Barnett	Alpine Rescue Team	Mechanical advantage can be tricky to understand. During this session, we will start from scratch with simple, complex, and on to compound MA. There will be something for you whether you are new to this concept or at an advanced level.
26	Understanding Cave Rescue	Saturday	Jonathan Wilson	NCRC	Jonathan Wilson from La Plata Co Search and Rescue, Colorado Cave Rescue Network, and the National Cave Rescue Commission will present on the unique challenges of rescue in the cave environment. Caves are dark, cold, wet, small and require special skills, techniques, and equipment not usually found in mountain rescue caches. This introduction will offer you some different options to help your team's toolbox.
27	Rope Rescue Technician Refresher	Saturday	Brian Taylor	CMC/SCRG	An interactive session for experienced rope practioners who want to update their personal (& team's) skillset and mindset with new theories and practices in rope rescue. Topics include: Developing your teams rope rescue protocols, rescue belay techniques for 2020, ultra-light weight rescue considerations, new concepts in rigging, litters & pick-offs.
28	The Art and Skill of Rigging for Rescue	Sunday	Brian Taylor	CMC/SCRG	Introduction to mountain rescue rigging concepts. Topics include: rigging anchor systems, rescue belay theory, single mainline separate belay and dual capacity two tensioned rope systems, & an introduction to critical thinking rescue rigging.