



PRESENTATION OF ADVANCED EXTREME AIR ROPE ACCESS CONSULTING

Title: Mid Air Rope access reSponse (M.A.R.S.)

Presentation Description:

This presentation aims to explain what is extreme rope access on super high-rise buildings, above 200 meters, what is the difference between conventional and industrial rope access, how the technicians must be prepared for extreme and harsh working conditions. It will cover the experience of the very first suspended access at heights above 500 meters and possible worst case scenarios, their prevention and the fundamentals of specialized equipment.

This presentation delivers a solid look at the [most challenging rope access](#) projects in high-rise environment and helicopter operations. One of them is [the first exterior repair at 1725'](#) during [extreme winter conditions and winds above 60km/h](#). It will be presented in a fully narrated PowerPoint format with imbedded video, visuals and conceptual photography.

By attending this presentation you will become aware of rope access scenarios that happen at the height of over 500 meters off the ground. How many times you have to multiply the expected time to complete a regular job up there in the air and learn how violent can be the winds at that height, etc. You will learn the lessons from three fatal incidents in which seven helicopter flying crew members have died. One of them is when two Commandos have lost their lives by exiting out of the helicopter while flying more than 80km/h.

In the presentation, people will learn how incidents have occurred due to improper behavior, big ego and overconfidence, how to foresee potential danger and recognize the wrong attitude for people, who without any training for heli rappelling operations, would get involved in technical demonstrations and endanger the lives of the fling crew and emergency personnel on high-rise operations.

Duration: 1 hour.

Presentation Goals and Objectives:

The goal of this presentation is to provide information and industry knowhow for pilots, emergency response personnel and training management wishing to enter the vertical and aerial rope access at extreme heights, helicopter operator management and training staff. The presentation provides know how for pilots and rope rescuers, who want to engage in emergency response on super high-rise buildings and structures.

Specialized training program and measurement equipment for such operations will be covered.

Guest Speakers for a video-conference presentation:

General Roumen Radev, Chief of Command, Bulgarian Air Forces, jet pilot.

General Zlatko Zlatev, helicopter pilot, Commander of Airbase 24, Bulgarian Air Forces will participate with his pilots and air rescue personnel in the R&D of the presentation for air rescue by helicopters.

Ianko Stoimenov, Freelance Training Consultant/ R&D Consultant for CAE-Emirates and Flightinstructor for Boeing 727. He is personally and professionally involved with the law suite of the tragedy of [Flight Helios 522](#). He has done a lot of research on other case, where if the Air to Air rescue concept was developed earlier and applied, lives could have been saved.



Presenter: [Ivan Kristoff](#) of [Ivan Kristoff Solutions Inc.](#) solves problems in vertical and aerial environment on super high-rise buildings and initiates innovative concepts like Mid Air Rope Access and Rescue ([M.A.R.S.](#)) and Air to Air rescue ([A.I.R.](#)). One of his companies, [Eiger Rope Access Work Inc.](#), Canada, was responsible for the very first rope access on the exterior top of the tallest tower in the world in 2003. He also created the Highrise Emergency Aerial Response Team ([H.E.A.R.T.](#)).

His Marketing, PR and Communication entity will present in artistic way the Ultimate Rescue concepts during Dubai Helishow.

Contact SKYPE: ivankristoff

Mr. Kristoff has professional experience in climbing, caving, high angle and rope access industry, heli rope access from single and twin engine helicopters. He is the creator of the Optimal Performance training program that will completely change the way vertical rope access technicians and volunteer rope rescuers train.

Ivan Kristoff is also an editor of BBC Top Gear Magazine in Bulgaria, a filmmaker of series of documentary short films for extreme sports, aerial rescue training and emergency response on hard to reach places. One of Ivan Kristoff's company, Eiger Rope Access Work Inc. has operated in Toronto, Ontario, and now is building and developing an **Institute for Vertical Access operationNs** ([I.V.A.N.](#)) on a 7 storey building in Sofia, and a [Training base](#) in the Rila Mountain in Bulgaria.