

# IL SOCCORSO ALPINO NELLA GUARDIA DI FINANZA



The Special Unit of Soccorso Alpino Guardia di Finanza (S.A.G.F.) within it various qualifications and specializations that specialized military can acquire through exams and subsequent courses during their career in the sector:

**Tecnico di Soccorso Alpino**

**(T.S.A.)**

**Tecnico di Elisoccorso**

**(T.E.)**

**Tecnico della Ricerca**

**(T.E.R.)**

**Istruttore Soccorso Alpino**



obtaining of  
specialization  
"Tecnico di Soccorso  
Alpino (S.A.G.F.)"



**Course reserved for "finanziere" (members of Guardia di Finanza):**

The members in this category are identified upon request and after passing a tough selection process in the mountains.

The training course lasts approximately eight months (from January to September), held at the Passo Rolle headquarters.



**Course reserved for civilian personnel:**

The staff in this category is recruited through a dedicated public competition (around 30 students every 2 years), subsequently, having passed the cultural, medical, psychological and technical selection process, the student attends the basic course of Guardia di Finanza and then the specialist course for T.S.A.



# THE T.S.A. COURSE IT IS COMPRISED OF 5 MODULES AND IS BASED ON MANUALS DRAFTED AND CONSTANTLY UPDATED BY ALPINE RESCUE INSTRUCTORS



**Winter mountaineering and Alpine Skiing Module**, materials and techniques for insurance, the safety chain on snow and ice, noology, anchoring and belays on snow and ice; progression technique on ice and mixed terrain, stability criteria for ice falls, presentation and resolution of typical interventions. (4 weeks). Alpine skiing, movement and preparatory exercises for alpine skiing on and off-piste; recovery and transport of injured people on the slopes, specific health training for slope rescue; snow element study A.I.N.E.VA qualification (4 weeks)

**Winter mountaineering and ski mountaineering and avalanche rescue module**, self-rescue in avalanche, presentation and resolution of typical interventions; (1 week) ski mountaineering technique and management of the trip, simulated avalanche self-rescue (3 weeks) organized avalanche rescue, transport of injured person in snowy environment avalanche medical rescue (1 week)

**Basic Rock Mountaineering Module** materials and techniques for insurance, safety chains, knots, anchors and belays on different types of terrain; climbing technique, repetition of itineraries on the crag as first and second roped party; self-rescue on the wall. (4 weeks)

**Summer mountaineering module**, progression on rock routes as first and second roped team, including classic ones, bindings and progression in conserve, in-depth study on materials, progression and self-rescue techniques on walls and glaciers, climbing in the high mountains and progression on glaciers. (6 weeks)

**Helicopter Rescue and Organized Rescue Module**, organized rescue on all types of terrain, rescue techniques on cableways, basic helicopter rescue with harnessing and unharnessing techniques, use of single and double winches, presentation and resolution of typical interventions, search for people, notions of judicial police in mountain areas. Healthcare training in the environment, presentation and resolution of typical interventions (5 weeks)



# Winter mountaineering module:

The module includes:

study of materials;

safety chain on snow and ice;

knotology, anchoring, stops on snow and ice;

insurance systems

progression technique on ice and mixed terrain, stability criteria for ice falls, presentation and resolution of typical interventions.

**Duration (4 weeks)**





# Alpine Skiing Module:

it includes:

Work on on-slope/off-slope skiing technique;

Management of rescue interventions on and off the track;

Toboggan transport; - Specific health training for snowy terrain.

specific health training for slope rescue;

snow element study qualification 2A A.I.N.E.VA.

**Duration (4 weeks)**





# Ski mountaineering and avalanche rescue module:

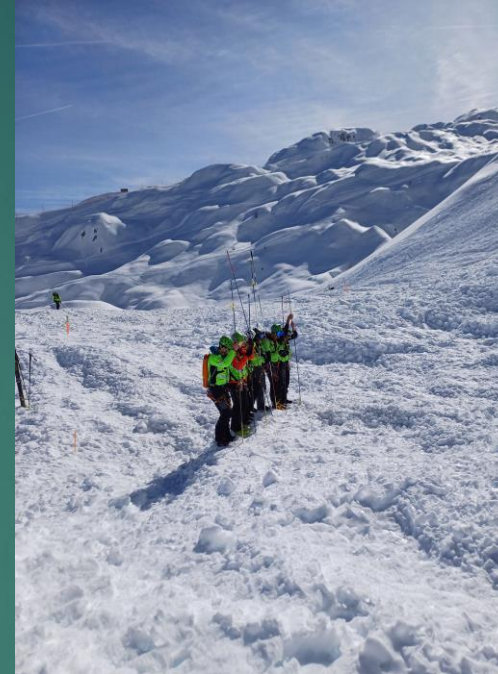
The form includes:

self-rescue in avalanche, presentation and resolution of typical interventions;

ski mountaineering technique and management of the trip, simulated avalanche self-rescue;

organized avalanche rescue, transport of injured people in snowy environments, medical aid;

Duration (5 weeks)





# Basic Rock Mountaineering Module

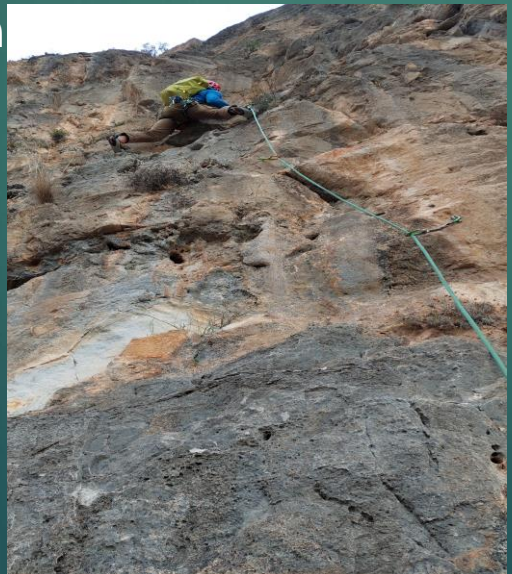
The form includes:

the study of insurance materials and systems;

the safety chain, knotology, anchoring and stops on different types of terrain;

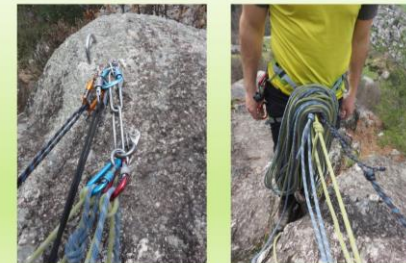
climbing technique with repetition of itineraries on the cliff by first and second roped party; self-rescue on the wall.

Duration (4 weeks)



## GESTIONE DELLA CORDATA - DISCESA

Entrambi autoassicurati con barcaiolo, costruire la longe collegandola alla sosta (comodo inserire un moschettoni di servizio); se si è recuperata la corda a bambolina sull'imbrago passare la longe sotto le asole per non perderle



## NODI GENERICI - BARCAIOLO



Come per il mezzo, eseguo un mezzo giro con la corda scarica dal lato della schiena del moschettoni

Vado a prendere la corda scarica facendola passare dietro alla carica e tiro fino a mandare in tensione la corda

Eseguo un ulteriore mezzo giro in modo che la "bocca" divida i due rami in uscita (in caso contrario avrò una bocca di lupo)

Termino inserendo la corda nel moschettoni e tirando il nodo andando a tirare la corda scarica

## NODI GENERICI

ASOLA E CONTROASOLA: è il sistema con il quale viene bloccata una corda rinviata scorrevole e pertanto utilizzata nel bloccaggio di mezzo barcaiolo e mezzo barcaiolo rinforzato (in posizione di calata).



Prendere la corda in entrata usando la mano che abbiamo dal lato del nodo e con miglio in alto

Eseguire una torsione della mano verso l'alto creando un'asola

Inserire la corda scarica creando un'ulteriore asola all'interno della prima

Stringere la prima asola andando a tirare la seconda mandando in battuta il sistema





# Advanced mountaineering module:

This training includes:

progression on rock routes for first and second climbers, including classic ones;

bindings and progression in conserve;

in-depth study on materials, progression and self-rescue techniques on walls and glaciers;

ascent in the high mountains and progression on the glacier.

(6 weeks)





# Basic helicopter rescue and organized rescue module

The module includes:

organized rescue on all types of terrain;

rescue techniques on cableways;

basic helicopter rescue with harnessing and unbranching techniques use of single and double winches;

presentation and resolution of people search type interventions;

notions of police in mountain areas;

healthcare training in the environment, presentation and resolution of typical interventions;

Duration (5 weeks)

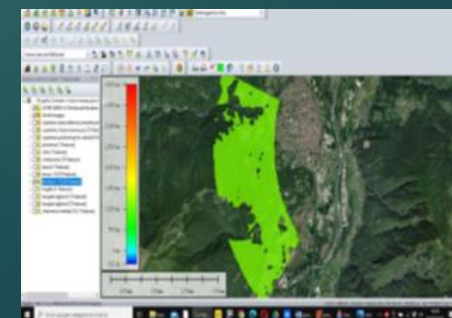
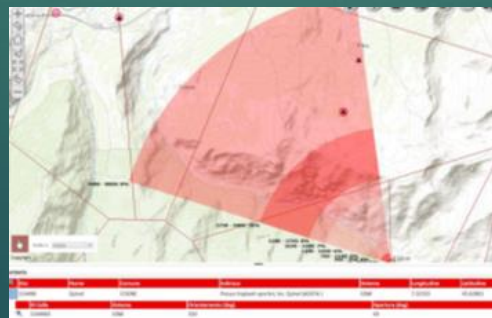




# TECHNICIAN S.A.R. S.A.G.F. (T.E.R.)

Specific course lasting two weeks trained by the Alpine School of Predazzo aimed at preparing rescuers capable of managing a search for a missing person.

- Skills and ability to manage and coordinate all search operations with the support of technological instruments suitable for localization and the related IT applications typical of police investigations.
- Skills to operate at the advanced command post (p.c.a.) or remotely, with high-tech PCs and software.
- skills, thanks to the qualifications of a police officer and agent, of carrying out all the technical analysis activities of telephone and SM account tracing, including those preliminary to the field research aimed at determining the PRIMARY SEARCH AREA.





# EMS TECHNICIAN HELICOPTER (T.E.)

Achievable after a minimum period of two years at a S.A.G.F. Station, it allows full exploitation of the potential offered by the aircraft in rescue activities. At the end of a tough selection and training activity, after having learned the techniques of air rescue in a difficult environment, the soldier is able to carry out the rescue and possible recovery of injured people, in a very short time frame compared to what is necessary following traditional rescue techniques.



THE COURSE FOR EMS TECHNICIANS IS DEVELOPED IN TWO PARTS, ONE WHICH INCLUDES THE DEVELOPMENT OF SKILLS FOR THE MANAGEMENT OF GROUND RESCUE...



Rescue techniques organized by the “leadership”



*Rescue management, presentation and resolution of standard interventions;*



*Management of ground intervention and health training;*



*Rock handling and safety management;*



Management of intervention using Imsi-Catcher instrumentation;





EMS TECHNICIAN TRAINING (T.E.)  
Ground rescue maneuver training







EMS TECHNICIAN TRAINING (T.E.)  
“Leadership” organized rescue maneuvers







## EMS TECHNICIAN TRAINING (T.E.) Rescue management





EMS TECHNICIAN  
TRAINING (T.E.)  
Management of  
ground intervention  
and health training







EMS TECHNICIAN TRAINING (T.E.)  
Movement and safety management on mixed terrain







# EMS TECHNICIAN TRAINING (T.E.) Movement and safety management on rock





...THE SECOND PART DEVELOPS RESCUE CAPABILITIES BY AIR (with Helicopter)



*Operational embarkations and disembarkations in harsh environments*



*Use of rescue winch to recover injured and uninjured people*



*Use of the rescue winch to recover the body and transport materials*



*Management of safety on the ground, helicopter restraint and assisted release*



*Intervention management using Imsi-Catcher instrumentation*





GUARDIA DI FINANZA  
CENTRO DI AVIAZIONE – SCUOLA ALPINA



MANUALE OPERATIVO DI ELISOCCORSO  
IN AMBIENTE IMPERVIO

Edizione 2024

# HELICOPTER RESCUE MANUAL IMPERVIOUS ENVIRONMENT

# TECHNICAL HELICOPTER RESCUE (T.E.)







# TRAINING TECHNICAL HELICOPTER RESCUE (T.E.)

Movement and management of snow and ice safety







TRAINING TECHNICAL HELICOPTER RESCUE (T.E.) WITH HELICOPTER  
*Operational embarkations and disembarkations in harsh environments*







TRAINING TECHNICAL HELICOPTER RESCUE (T.E.) WITH HELICOPTER  
Use of rescue winch to recover injured and uninjured people







TRAINING TECHNICAL HELICOPTER RESCUE (T.E.) WITH HELICOPTER  
*Use of the rescue winch for "dead person recovery and material transport"*







# INSTRUCTOR S.A.G.F.

The qualification of "Alpine Rescue Instructor", for learning the technical-didactic skills necessary for teaching in the mountain rescue and air rescue sector, represents, finally, the completion of a career dedicated to Alpine Rescue. In fact, only military in possession of the "Helicopter rescue technician (S.A.G.F.)" qualification and who have carried out activities for at least six years at an S.A.G.F. station can aspire to this goal.





Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## MATERIALI E NODOLOGIA

- MATERIALI UTILIZZATI IN ALPINISMO, ARRAMPICATA E SOCCORSO
- NODI PER ALPINISMO E SOCCORSO E LORO PECULIARITA'

A cura degli Istruttori di Soccorso Alpino S.A.G.F.

Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## CASCATE DI GHIACCIO

Criteri di stabilità

A cura degli Istruttori di Soccorso Alpino S.A.G.F.

Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## CASCATE DI GHIACCIO

- STORIA DELL'ARRAMPICATA SU GHIACCIO
- MATERIALI UTILIZZATI
- PROTEZIONI, SOSTE E CALATE
- TECNICA DI SALITA
- SCELTA DELL'ITINERARIO

A cura degli Istruttori di Soccorso Alpino S.A.G.F.

Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## PROGRESSIONE SU VIE DI PIU' TIRI

GESTIONE DELLA CORDATA

A cura degli Istruttori di Soccorso Alpino S.A.G.F.

## GESTIONE DELLA GITA SCIALPINISMO

Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.

A cura degli Istruttori di Soccorso Alpino S.A.G.F.

Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## TECNICA DI SCIALPINISMO

- TECNICA DI SALITA
- TECNICA DI DISCESA
- CALATE CON GLI SCI
- BARELLA D'EMERGENZA

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Operating manuals in use and drawn up by Alpine Rescue Instructors.





Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## PROGRESSIONE DELLA CORDATA SU CASCADE DI GHIACCIO

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## MANUALE IMSI CATCHER PER AIRBONE NESIE



Corso Abilitazione Tecnico di Elisoccorso e Tecnico della Ricerca S.A.G.F.

A cura degli Istruttori di Soccorso Alpino S.A.G.F.

Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## ANCORAGGI E SOSTE

- TIPOLOGIE E CARATTERISTICHE DEI PUNTI DI ANCORAGGIO
- TIPOLOGIE E REALIZZAZIONE SOSTE DA ALPINISMO E SOCCORSO

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Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## PROTEZIONI «VELOCI», ITINERARI DA PROTEGGERE, TECNICHE E MATERIALI

A cura degli Istruttori di Soccorso Alpino S.A.G.F.



## Manuale Elisoccorso in Ambiente Impervio



Corso specializzazione Tecnico di Soccorso Alpino S.A.G.F.



## PROGRESSIONE IN CONSERVA

Tecnica di «corda corta»  
Tecniche di calata

A cura degli Istruttori di Soccorso Alpino S.A.G.F.

Operating manuals in use and drawn up by Alpine Rescue Instructors.

