



CHAMONIX LE BRÉVENT (FRANCE)

Gas-blast remote avalanche control systems  
**MOBILE system**

**TO CONTROL THE AVALANCHE RISK ON DEMAND, BY USING A MOBILE SYSTEM UNDER A HELICOPTER: ITS ABILITY TO POSITION THE RIGHT LOAD, AT THE RIGHT PLACE AND AT THE RIGHT TIME ALLOWS SECURING AREAS NOT EQUIPPED WITH FIXED SYSTEMS.**



Mobile remote avalanche control system (RACS) carried by helicopter based on exploding a hydrogen/oxygen gas mixture inside an open cone.

**OUR RESPONSES TO YOUR PRIORITIES**

**SAFETY**

**Portable remote control (from the cockpit)**  
One single operator, in the helicopter, controls all the firing functions in complete safety, without any manipulation of initiated explosive charges inside the cockpit.

**RISK REDUCTION FOR USERS**



MONTEROSA (ITALY)

**ACCURACY**

**Système de visualisation DaisyView**  
This viewer provides the helicopter pilot, in real time, the exact distance between DaisyBell® and the snow surface, and therefore the precise positioning of the explosion.

**OPTIMIZED EFFICIENCY ON DIFFERENT KIND OF SNOW**



CHAMONIX (FRANCE)

**TRACEABILITY**

**DaisyTrack recording system**  
This additional recorder allows the automatic archiving of all the details and results of the mission (time, height, GPS positioning, avalanche result quality).

**SIMPLIFYING EVENT LOGGING AND POST-SHOOT ANALYSIS FOR PROGRAM MANAGERS**

**CORNICE**

**Cornice treatment kit**  
An optional adapter allows focusing the gas explosion at a specific point of the snow cover in order to manage the very particular case of cornices.

**ALTERNATIVE, EFFECTIVE SOLUTION TO CORNICE BLASTING**



MONTEROSA (ITALY)

**TECHNICAL SPECIFICATIONS**



DaisyBell® system diagram

- MAIN**
- Weight : 390kg (excluding cylinders)
  - Dimension (H x D) : 2.4m x 1.5m
  - Transported by helicopter using a 15-30 meter sling
  - Considered as a non-explosive gas appliance by air traffic authorities
- GAS :**
- Shot capacity - based on storage capacity for cylinders : 50 to 70 firings
  - Gas injection time : 5 seconds
  - Only 10 seconds waiting time between shots

- POWER**
- Rechargeable batteries
- COMMUNICATION**
- Radio
- OTHER DATA AVAILABLE**
- Integrated measurement of distance relative to the ground by laser rangefinder

- CONTROL, VISUALIZATION AND RECORDING**
- Control : Portable remote control (from the cockpit)
  - Visualization and Recording : DaisyView viewing system DaisyTrack recording system

**FUNCTIONAL ADVANTAGES**

- FLEXIBLE**  
One single mobile system allows the user to deal with a large number of slide paths in a short time, depending on snow conditions observed.
- ECONOMICAL**  
This mobile exploder combines great time savings (before, during and after the operation) with a very low cost per shot.
- Adaptability**
- Operational time saving**

**YOUR BENEFITS**

- IDEAL FOR EXCEPTIONAL WINTER SITUATIONS**
- QUICK RETURN ON INVESTMENT**

