

HAS457-2

HELICOPTER ANTENNA SYSTEM

AERIAL SIGNAL SEARCH



WHEN LARGE AREAS NEED TO BE SEARCHED QUICKLY.



The HAS457-2 enables rapid aerial searches for persons equipped with an avalanche transceiver in transmit mode.

It is particularly suited to situations where large search areas, the risk of secondary avalanches or difficult terrain make a ground search challenging or cause delays.

LARGE AVALANCHE

Large-area signal search from the air.

RISK OF SECONDARY AVALANCHES

Reduced exposure of rescue teams in hazardous areas.

UNKNOWN LOCATION OF MISSING PERSON

Searches in difficult-to-access terrain.

NOT JUST FOR AVALANCHES

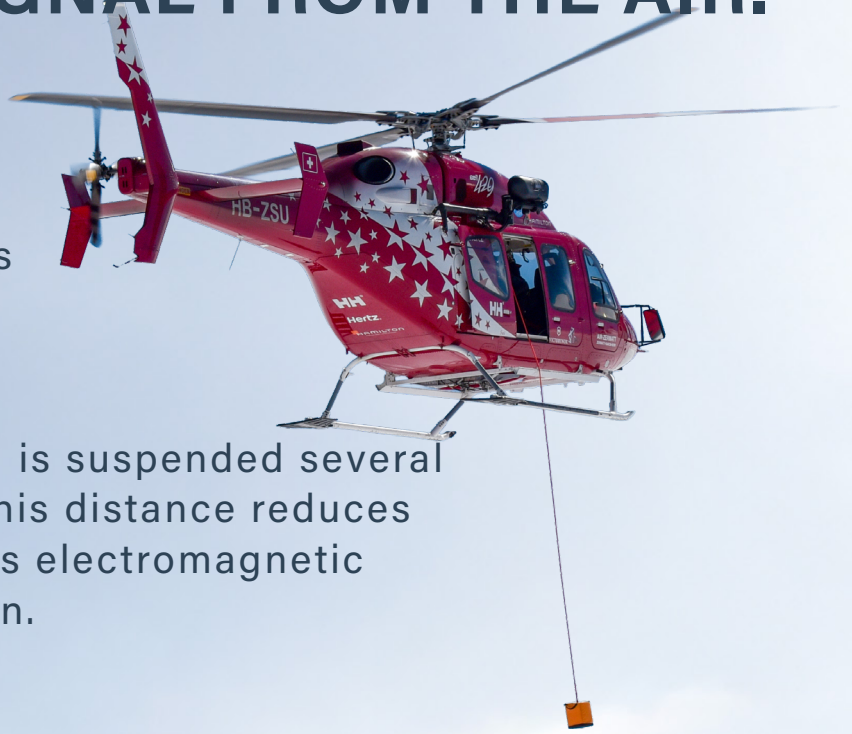
The HAS457-2 can also be used to search for missing persons whose location is unknown and who are equipped with an avalanche transceiver in transmit mode – for example in crevasses, gorges, forested areas or other difficult-to-access terrain.



RECEIVE THE AVALANCHE TRANSCIEVER SIGNAL FROM THE AIR.

The HAS457-2 is equipped with an omnidirectional receiving antenna that receives avalanche transceiver signals equally from all directions.

During the search, the antenna is suspended several metres below the helicopter. This distance reduces the influence of the helicopter's electromagnetic interference on signal reception.



DESIGNED FOR TEMPORARY USE

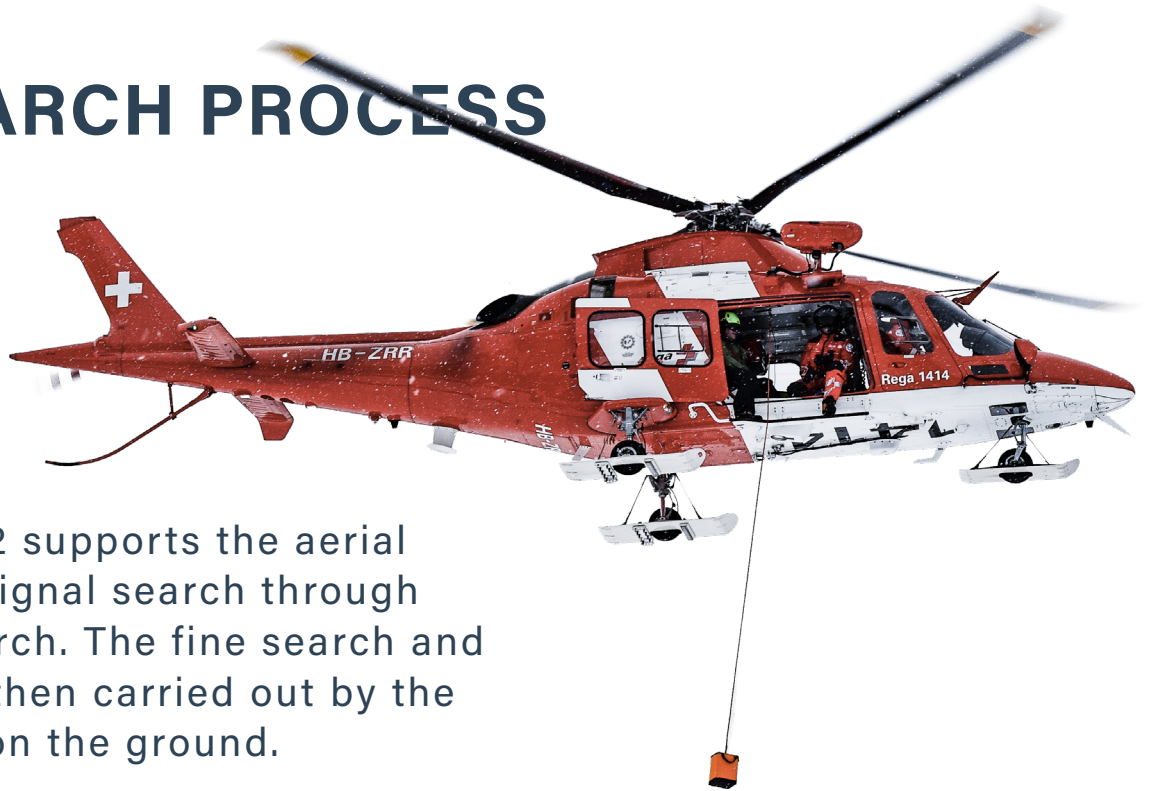
The HAS457-2 requires no permanent installation or modification to the helicopter. The system can be prepared for operation quickly and easily whenever required.

COMPACTLY STORED

The complete, ready-to-use system is stored in a transport bag and can be carried on board the helicopter throughout winter operations.



THE SEARCH PROCESS



The HAS457-2 supports the aerial search from signal search through to coarse search. The fine search and recovery are then carried out by the rescue team on the ground.

01

SIGNAL SEARCH

The search area is systematically overflown until an avalanche transceiver signal is detected.

02

COARSE SEARCH

The position is further narrowed down from the air using the classic cross-search method.

03

MARK THE POSITION

Once the position has been narrowed down, the location is marked with a marker bag, providing the rescue team with a clearly defined area for the fine search..

04

DEPLOY THE RESCUER

A rescuer is deployed by winch or landed directly in the identified search area.

05

FINE SEARCH & RECOVERY

The fine search is carried out using the rescuer's personal avalanche transceiver. Pinpointing and recovery then follow according to the applicable rescue procedure.

HAS457-2 IN OPERATION

**MORE THAN 25 ORGANISATIONS
RELY ON THE HAS457-2**



FRANCE

PGHM – Briançon
PGHM – Chamonix-Mont-Blanc
SDIS 74 Sapeurs-Pompiers

ITALY

Aiut Alpin Dolomites
CNSAS Dolomiti Bellunesi
CNSAS Friuli Venezia Giulia
CNSAS Lombardo
ELIMAST SRL
Elitellina SRL
Flugrettung Südtirol

LIECHTENSTEIN

AP3 Christoph

NEW ZEALAND

Search & Rescue
Wanaka Alpine Cliff Rescue

NORWAY

CHC Helicopter Service SA
LT Tech AS
Norsk Luftambulans
Norwegian Armed Forces

AUSTRIA

ÖAMTC

SWITZERLAND

Air Glaciers
Air Zermatt
REGA
Schweizer Armee

USA

Colorado Highland Helicopters
Flight for Life
Juneau Mountain Rescue
KNS Communications
Supervisor Teton County



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DEVELOPED AND MANUFACTURED IN SWITZERLAND

Over 25 years of experience in alpine environments.

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