

An aerial delivery parachute system for paratroop material supply



Airsafe Sweden AB in cooperation with the technical department of the Swedish Paratroopers has developed a modular aerial delivery system. This is used in combination with the established method of employing second-hand troop canopies in clusters in order to obtain specified rate of decent.

The ADS KOLLI 95 has been carefully tailored to fit the Swedish Paratroopers delivery system and to fit the standard C-130 rail and tie down equipment. In addition the ADS KOLLI 95 enables deliveries from most aircrafts with a ramp.



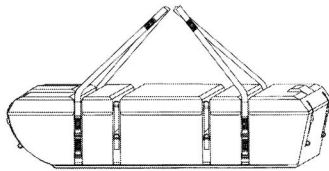
A lockheed C-130 from The Swedish Air Force has been used in the aerial delivery tests performed by FMV (the Defence Materiel Administration) and the Paratroop Technical department. The two photos show a three container module with a parachute cluster of five T-10 canopies.

The ADS KOLLI 95 is now certified also for delivery from C-130 with the Irvin Low Level SC15 cargo parachute.

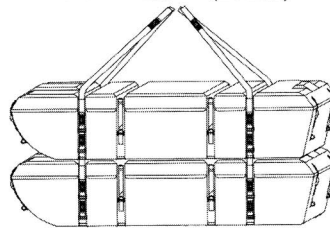
Technical Specification Performance Data

Minimum deployment altitude: 100 m (330 ft)
Maximum deployment speed: 370 km/h (200 knots)
Minimum deployment speed: 180 km/h (100 knots)
(related to altitude 100 m)

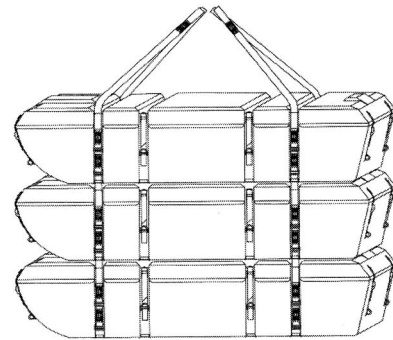
Rate of descent: (180 kg) 6.0 m/s (20 ft/s)



One container module



Two container module

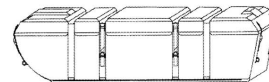


Three container module

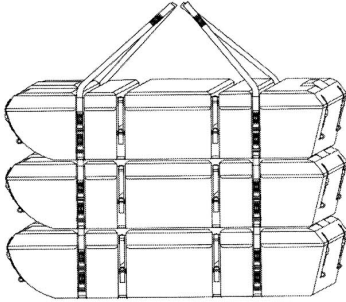
THE FIBRE GLASS CONTAINER CAN BE USED FOR OTHER APPLICATIONS

The ADS Kolli 95 fibre-glass container has an additional application in the basic storage of troop supplies under ground, such as food, clothing, ammunition and first aid equipment.

When the ADS Kolli 95 fiber-glass container was drop tested in a 3 m free fall to hard ground, the impact caused no serious damage. After a drop most of the containers are normally still in such good condition that they can be used for water crossing.



Contents and Partnumbers

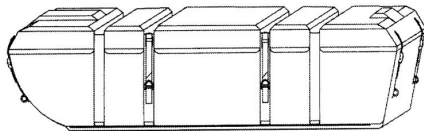


AIRSAFE ADS KOLLI-95, P/N: 2-0420
STANDARD MODULE

CONTENTS:

CONTAINER

FIBRE- GLASS CONTAINER P/N: Airsafe 2-0425
LOCKING STRAPS P/N: Airsafe 2-0327

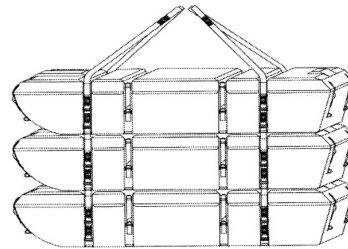


RISER SYSTEM P/N: Airsafe 2-0288

TOP WEBBING P/N: Airsafe 2-0325
LOW WEBBING P/N: Airsafe 2-0326
SLING P/N: Airsafe 2-0331
ATTACHMENT OF SAFETYSTRAP P/N: Airsafe 2-0340
TIE DOWN STRAP P/N: Airsafe 2-0336
LOOP P/N: Airsafe 2-0337
BRAKECORD 740 N P/N: Airsafe 2-0338
EQUIPMENT BAG P/N: Airsafe 2-0332

ACCESSORIES P/N: Airsafe 2-0345

HANDLING LOOP P/N: Airsafe 2-0330
SECONDARY SAFETYSTRAP P/N: Airsafe 2-0341
SAFETYSTRAP P/N: Airsafe 2-0342
ACCESSORY BAG P/N: Airsafe 2-0346

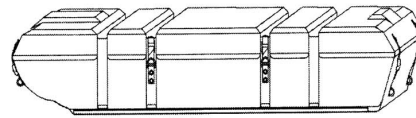


AIRSAFE ADS KOLLI-95, P/N: 2-0430
LOW PROFILE MODULE

CONTENTS:

CONTAINER

FIBRE- GLASS CONTAINER: P/N: Airsafe 2-0435
LOCKING STRAPS P/N: Airsafe 2-0327



RISER SYSTEM P/N: Airsafe 2-0380

TOP WEBBING P/N: Airsafe 2-0381
LOW WEBBING P/N: Airsafe 2-0382
SLING P/N: Airsafe 2-0383
ATTACHMENT OF SAFETYSTRAP P/N: Airsafe 2-0340
TIE DOWN STRAP P/N: Airsafe 2-0336
LOOP P/N: Airsafe 2-0337
BRAKE CORD 740 N P/N: Airsafe 2-0338
EQUIPMENT BAG P/N: Airsafe 2-0332

ACCESSORIES P/N: Airsafe 2-0345

HANDLING LOOP P/N: Airsafe 2-0330
SECONDARY SAFETYSTRAP P/N: Airsafe 2-0341
SAFETYSTRAP P/N: Airsafe 2-0342
ACCESSORY BAG P/N: Airsafe 2-0346