

LAM-LT

Load lifting device designed for air carriage

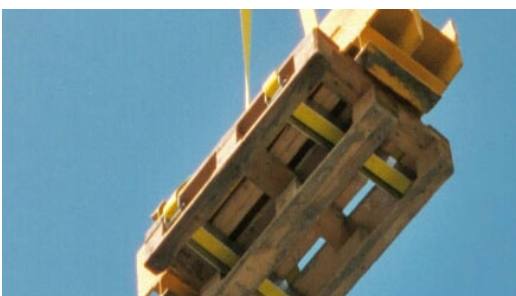
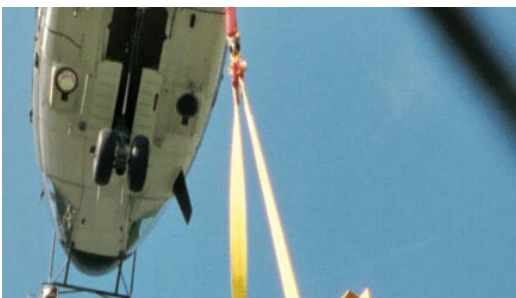
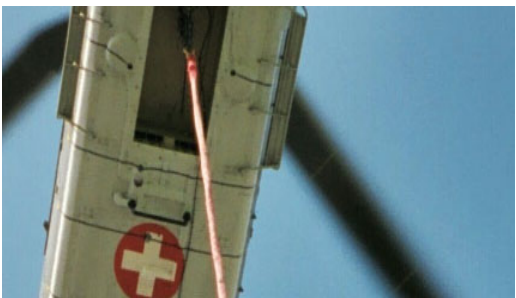
A very special solution for very special problems

**Palletised goods have never been flown
in a safer way**

A product of

RUAG

Aerospace



EG-MRL 2006/42/EG

License: privilege to manufacture

carriage of palletised and other goods

A short description of the product

The fundamental problem with carrying palletised goods is that, when working with conventional slinging techniques and slinging devices, dangerous substances and fragile goods may be damaged due to the transmission of force on rotten, damaged or weak pallets and/or bulky useful loads. The deformation or breakage of the pallets can lead to partial or complete loss of entire loads. Furthermore, non-involved third parties may be exposed to danger. All steps must be taken to guarantee safety and economic efficiency to avoid any possible claims for indemnity.

With the LAM-LT, pallets are picked up in an optimal way without the risk of deformations. Thus, the working load on the pallet and the entire load is secured. Even bulky loads can be transported in safety at maximum speed (test flight 140 km/h, 25° BA, 1500 ft descend-/ climb rate). Loads can be set down anywhere, even on uneven surfaces.

Not only has the LAM-LT been tested in the laboratory, but also under real conditions during rigorous test flights and it has fulfilled the ambitious requirements for obtaining the type-examination certificate of the European Community in conformity with the regulation regarding machinery safety (EG MRL 2006/42/EC).

Total weight per unit, including bag: 18 kg
Maximum WLL allowed: 1 ton, per each pallet
Price per unit: to be established

Manufacturer: RUAG Aerospace - CH-3800 Interlaken ©®
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Chief clients: Federal Air Transport Service on behalf of the Swiss Air Force, Berne
Ministry of Defence, Air Transport Command, Vienna

Potential civil clients: all operators working with helicopters > 900 kg WLL

- Caption
- ① Complete unit (1 bag, 2 reinforcing bars, 2 lifting straps, 2 lashing straps, 2 protective sheathings)
 - ② Pallet in suspension, slinging technique „Coiled around“
 - ③ Reinforcing bar with lashing straps and lifting strap
 - ④ Prepared useful load: the lifting straps are secured to prevent shifting of cargo caused by Down Wash.
 - ⑤ LAM-LT, complete unit during transport on a cargo hook: up to 25 kg WLL when in flight
 - ⑥ Even on small cargo hooks 4 accessories can be attached due to their reduced diameter.
 - ⑦ Cargo hooks of the Swiss Army designed for Super Puma / Cougar
 - ⑧ Flexible protective sheathing on the edges of the bearing parts without risk of shifting or loss

