



Introducing CRG's Aeromedical Transport Litter Immobilization and Stabilization (ATLIS) Platform

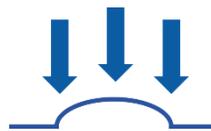
Proper immobilization and shock load reduction is essential to reduce the comorbidity risk associated with moving injured patients. The Aeromedical Transport Litter Immobilization and Stabilization (ATLIS) platform was developed with SBIR support (Phases I – III) in response to this need. This device provides reduced patient motion for improved spinal immobilization, superior pressure redistribution to reduce tissue stress points, shock and vibration isolation, and innovative attachment of ancillary equipment.

ATLIS addresses sources of potential additional injury with the following features:



Diminished Patient Motion

Rigid platform prevents unwanted deflection and isolates vibration and shock loads from the patient



Pressure Distribution

Hospital-grade mattress enables optimal pressure redistribution for the patient



Increased Comfort

The mattress and composite frame create a more comfortable experience for the patient



Equipment Attachment

Innovative side tracks enable versatile ancillary equipment attachment with a load capacity greater than 100 lbs



High Strength

High strength-to-weight ratio helps protect both the patient and the clinician in extreme environments



NATO Compliance

Compatible with most North Atlantic Treaty Organization (NATO) compliant ground and air vehicles

Improve Patient Care and Access During Transport

via proper immobilization, shock load reduction, and unique restraint system



Aeromedical Transport Litter Immobilization and Stabilization (ATLIS) Platform Status:

Technology Readiness Level:	1 2 3 4 5 6 7 8 9
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Manufacturing Readiness Level:	1 2 3 4 5 6 7 8 9 10
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Flight Testing:	HH-60, CH-47 (manikins and humans)
Fit Testing:	C-130, C-17, KC-135, Ambus, wheeled litter carrier
Immobilization Testing:	Performed by AFRL
Rapid Decompression Assessment:	Mattress tested by USAARL
Operational Utility Evaluation:	Performed at Camp Bullis

Interested in learning more about CRG's technology?
Contact us at sales@crgrp.com

Patented Technology: www.crgrp.com/patents/



www.crgrp.com

Distribution A: Approved for public release