# EFSL - Enhanced Frangible Surrogate Limb

## Enhanced Frangible Surrogate Limb

The eFSL is constructed from materials simulating bone, cartilage, connective and soft tissues and is engineered to provide a reproducible response to rapid loading whilst incorporating substantial anatomical accuracy.

A NATO approved tool for assessing mine protection footwear, it is also being used in the survivability assessment of vehicles from the threat of underside blast, whether from landmines or IEDs.

It combines the benefits of the numerical measurement of load and bending moment with clinically representative damage, providing comprehensive output for the researcher.

The eFSL was developed with government sponsorship in Australia and is supported by a detailed and authoritative reporting service for both the measured and clinical outcomes

## Key Features:

The most bio-fidelic limb available, providing both numeric and clinical results.

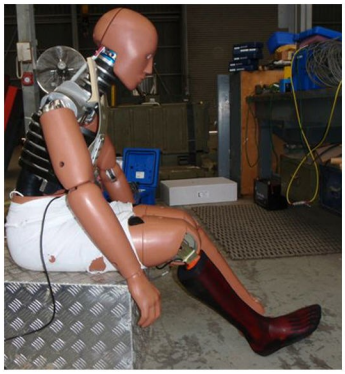
NATO Approved tool for landmine boot testing.

Compatible with Hybrid III ATD knee joint

Can be examined by X-Ray and CT Scans

Instrumented to give axial compressive force and bending moments.

The 'Ausgel' soft tissue permits long term storage before and after testing.



*The EFSL can be mounted to a Hybrid III or purpose built rig. Detailed post test examination of the limb can be achieved by X-Ray, CT Scan or physical dissection.*

SJHPROJECTS
93 Longmoor Road
Long Eaton
NG10 4EG
UK
+44 (0)115 8497329

*info@sjhprojects.com*
*www.sjhprojects.com*