LIFESAVING SYSTEMS CORPORATION

LSC Test Report Number: F-730-511
Revision: A

Static Load Test

P/N: 511



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PURPOSE:

This report documents the results of the static load test of the #511 Super Talon Hook. The hook is an investment cast stainless steel 17-4PH part provided by a new supplier. The load test shall verify the strength of the new part is strong enough for use on LSC equipment.

ACRONYMS AND ABBREVIATIONS:

LSC – Lifesaving Systems Corp.
N/A – Not Applicable
P/N – Part Number
S/N – Serial Number

TEST FACILITY:

Testing and inspection were performed at Lifesaving Systems Corp. located in Apollo Beach, Florida by LSC personnel.

EQUIPMENT UNDER TEST:

Part Number	Description	Serial Number
511	Super Talon Hook	n/a

CALIBRATION:

The instruments and equipment are calibrated according to manufacturer's specifications and calibration is traceable to the National Institute of Standards and Technology (NIST). Calibration records are maintained on file at Lifesaving Systems Corp. Photograph of the load cell calibration sticker can be found in the Photographs section in this report.

SUMMARY OF TESTS PERFORMED & RESULTS:

Section	Test Description	Results
1.1	Static Pull Test	The #511 Super Talon Hook can withstand a 5,250lb load without any material damage or deformation.

SECTION 2- PHOTOGRAPHS:



#511 hook setup inside pull tester. Load reads 5,258lbs. No damage or material deformation was noted after load was applied.



Load Cell:
Cal Due Date: 4-JUNE-20