



Crib Gogh Ltd Commercial in Confidence

Technical Specifications for The Ridgeback Combat Base Camp Bags

Crib Gogh CLQF1013 Written By S.R. Heaword Version 1.01 10th September 2012

These units are all tested to British Standard Kite marks, EU Kite marks and ISO requirements where available;

Colour Fastness to Light (ISO 105 B02-2000/Amendment 2:2000; use Xenon arc lamp)

Grade (B.S.) 6 Above

Tensile Strength (ISO 13934-1-1999; Instron CRE – 2” Strip)

Warp (N) 2560

Weft (N) 1731

Tensile Strength (ISO 13934-1-1999; Instron CRE – 1” Grab)

Warp (N) 2280

Weft (N) 1515

Tearing Strength (ISO 13937-1-2000; Elmendorf)

Warp yarns torn (N) >64

Weft Yarns Torn (N) >64

Water Resistance (ISO 811-1981; - Hydrostatic Head; Rate of increase of water pressure: 60 cm/min, temp of distilled water: 20 degree C) SGS Report 937428TX-G

Phosphorus testing was done to comply with **FMVSS 302- Test FEDERAL MOTOR VEHICLE SAFETY STANDARD No. 302** as there are no defined standards for this test or non written for a combat requirement. **Crib Gogh has set this standard as the industry bench mark.**

Attachment strap This set to attain BS 5131 Pt 51.11.1981(1992) and exceeded the required set limit attaining 2209.2N for fabric rupture. SGS Report 3359393TX

All Buckles supplied and fitted: These were all tested to BS 5131 Pt 51.11.1981(1992) SGS Report 3359394

Special rot proof yarn test: ISO 2062-1993

Strength (G)

Average 3411.00

Maximum 3810.0

Minimum 3054.0 CV (%) 6.3 SGS Report 3359397TX

All Zips supplied and fitted: Tested to BS 3804-2006 and exceeded minimum requirements. SGS Report 3401078TX

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Designed to withstand the brief of “will survive a helicopter drop” and complies with BS 13407-1999. All the holdalls have a stress tolerance to exceed a 100 kilos payload. Designed to survive deployment across the most severe terrain and conditions: All the bar-tacks machined-in exceed the industry standard and have set new breaking strains to the point where the rucksacks will not only allow a wounded colleague to be dragged to safety but will in fact tow a transit van. (Torque on a transit van is 3200nm, our breaking strain is 3411nm)

The Ridgeback Range of base-camp bags and equipment haulage solutions give the Brigade on the move options that they have never had before. It is designed to give the heavy load an easy pass when on full brigade deployment; with a six-way lid compression system that takes the pressures off a zip when fully loaded. This also enhances the Ridgeback’s ability to survive a long range kit drop when replenishing troops at a PB.



We have fitted crampon loops to each end and both sides. This allows the Ridgeback’s to be daisy chained to create a crate sized load that can be air dropped or stowed in a ship’s hull, making the transportation of troops gear that much easier. Crib Gogh not only thinks of the end user but we also consider the logistical chain into the equation when we develop our kit.



















The daisy chain system will also aid cover for troops in the most hostile situation, where the ability to improvise will save lives. The design also reduces the number of locks to one, with all the accessory pockets on the inside of the bag. The ridgeback is available in

-  100 litres wheeled
-  80 litres wheeled
-  80 litres with shoulder straps
-  50 litres with shoulder straps

We also do a covert version of the 100ltr wheeled ridgeback that has a concealed drawer system in the base that will allow personnel (licensed/legally to do so) to transport weapons. This allows the drawer to be tailored to suit the legal requirement of the weapon being discreetly moved. Please note that this unit will only be sold when all of the legal requirements of the purchaser have been met.



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-  2 internal compression straps
-  4 long internal zipped bellows pockets
-  2 internal lid pockets
-  Personal organiser
-  Lockable zip
-  6 way compression system on the lid
-  4 side compression straps
-  2 sets of crampon loops on each side
-  2 sets of crampon loops on each end
-  Grab handles on each end
-  2 side handles
-  Long shoulder strap
-  Shoulder straps on the 80ltr and 50ltr
-  Extendable handle with wheels 100ltr 80+ltr
-  Anti-snap fittings
-  Compatible with our patented inflatable canoe sack
-  1000d/600d fabric options
-  Reinforced base





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Testing Standards and Specifications Attained

#1

Material Colour Fastness to light: Woven 1000% Polyester (Black x1 OD Green x1)
Standard Reference ISO 105 B02-2000/Amendment 2:2000; Uses Xenon arc lamp
Testing House SGS Hong Kong
Testing House Reference HZ937428/TX
Test Date 19th April 2011
Result Grade (B.S.) 6 + Above

#2

Material Tensile Strength: Woven 1000% Polyester (Black x1 OD Green x1)
Standard Reference ISO 1394-1-1999: Instron CRE-2" Strip
Testing House SGS Hong Kong
Testing House Reference HZ937428/TX
Test Date 19th April 2011
Result Warp (N) 2560, Weft (N) 1731

#3

Material Tensile Strength: Woven 1000% Polyester (Black x1 OD Green x1)
Standard Reference ISO 1394-1-1999: Instron CRE-1" Grab
Testing House SGS Hong Kong
Testing House Reference HZ937428/TX
Test Date 19th April 2011
Result Warp (N) 2280, Weft (N) 1515

#4

Material Tear Strength: Woven 1000% Polyester (Black x1 OD Green x1)
Standard Reference ISO 13937-2000;- Elmendorf
Testing House SGS Hong Kong
Testing House Reference HZ937428/TX
Test Date 19th April 2011
Result Warp Yarns (N) >64, Weft Yarns (N) >64



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#5

Material Water Resistance: Woven 1000% Polyester (Black x1 OD Green x1)
 Standard Reference ISO 811-1981; Hydrostatic Head; Rate of increase water pressure:
 60cm/min, Temperature of distilled water 20c
 Testing House SGS Hong Kong
 Testing House Reference HZ937428/TX
 Test Date 19th April 2011
 Result
 Side facing water column

	1#	2#	3#	4#	5#	Average
	>800	>800	>800	>800	>800	>800

#6

Material Flammability (Anti-phosphorus)
 Standard Reference Flammability (horizontal) per FMVSS 302 Code of federal regulations title 49
 Transport section 571.302
 Testing House SGS Hong Kong
 Testing House Reference HZ937428/TX
 Test Date 19th April 2011
 Result Submitted specimens meet the specified requirements of FMVSS.302

#7

Material Shoulder strap breaking strain
 Standard Reference Attachment strength of strap (BS5131, Part 11:1981 (1992))
 Testing House SGS Hong Kong
 Testing House Reference 3359393/TX
 Test Date 19th April 2011
 Result Attachment strength of strap (BS5131, Part 11:1981 (1992))
 2209.2 Fabric Rupture

#8

Material 3x All Buckles fitted ¾” 1” 1½”
 Standard Reference Attachment strength of strap: BS5131, Part 11:1981 (1992)
 Testing House SGS Hong Kong
 Testing House Reference 3359394/TX
 Test Date 19th April 2011
 Result

¾”	1217.5 (N)	Buckle Broken (exceeded the standard)
1”	845.3(N)	Buckle Broken (exceeded the standard)
1½”	938.3(N)	Buckle Broken (exceeded the standard)



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#9

Material Module Spun Rot-proof polyester threads (Green) Machine assembly of bag
Standard Reference Single yarn strength ISO-2062-1993
Testing House SGS Hong Kong
Testing House Reference 3359397/TX
Test Date 19th April 2011
Result Strength G Average=3411.0 Maximum=3810.0 Minimum=3054.0
CV%=6.3 Pass to BS kite mark standard

#10

Material 2 samples of woven Zipper (black for bag) (A) YKK (B) Millon
Standard Reference Zipper Strength BS 3084-2006, Performance code C requirement Test #5
reciprocating test
Testing House SGS Hong Kong
Testing House Reference 3356902/TX
Test Date 19th April 2011
Result Sample (A) exceeds 500 cycles Sample (B) exceeds 500 cycles

#11

Material Complete manufactured rucksack designated as a Constrictor Manufactured by
Crib Gogh Ltd
Standard Reference Defined as STANAG 2895
Testing House SGS Hong Kong
Testing House Reference 3775773/TX
Test Date 19th April 2011
Result To Freeze the rucksack at -45 C for 168hours and test all components for
50cycles of operation efficiency Test Parameter was exceeded



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Contact details:

Frayling Business Park
Davenport Street
Burslem
Stoke-on-Trent
Staffordshire
ST6 4LN
United Kingdom

info@cribgogh.com

Office +44(0)1782435999

Crib Gogh Ltd is a BSI ISO 9001:2008 registered company:

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UK Company registration Number
5809453