

G D MacKay Co Ltd

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Certificate of Compliance

We hereby certify that the product described herein has been designed and manufactured in accordance with the standards set forth in ANSI Z359.1-1992, ANSI A10.14-1991, OSHA 1910.66, and OSHA 1926.502.

Product Name:	Man-rated winch
Model:	UH120P-50SS / SYN; UH120P-80SS / SYN; UH120P-110SS / SYN
Principles of Design:	Combination personnel winch and fall arrest/retrieval device
Body Construction:	High strength aluminum alloy 6061T6
Cable Length:	50 ft. / 15 m.; 80 ft. / 24 m.; 110 ft. / 33 m.
Cable:	3/16 stainless steel type 304-0 or Technora (Tech 12) synthetic cable .1875 in. / 4.68 mm nominal diameter
Cable Breaking Strength:	3,800 lbs. / 1.727 kg. for 3/16 stainless steel and 5,600 lbs. / 2,520 kg. for 3/16 synthetic
Maximum Weight:	350 lbs. / 157 kg. (one person)
Fall Arrest Locking Speed:	4-5 ft. per second
Fall Arrest Stop Distance:	Maximum 2 ft. / 0.6 m.
Average Speed in Rescue Mode:	20 ft. / 6 m. per minute
Gear Ratio:	5.5 : 1
Mechanical Advantage:	20 : 1
Test Method (OSHA):	Raising and lowering 300 ft. maximum weight of 350 lbs. / 157.5 kg. Dynamic performance 200 lbs. / 100 kg. zero free fall Strength test 300 lbs. / 136 kg. and 2 ft. / 0.6 m. free fall

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George D. MacKay, President

27 January 2014