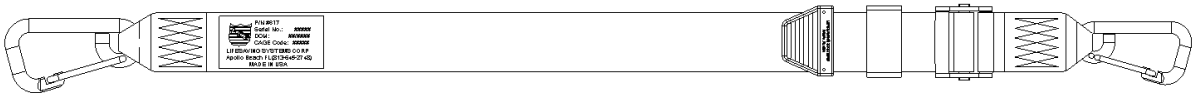
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Adjustable Tie-Down Strap Report

P/N: 617



Approval:

Tested by: THomas Beach Date: DEC-02-2016

(LSC Engineering)

Approved by: Mark Vitt Date: DEC-02-2016

(LSC Management)

PROPRIETARY & CONFINDENTIAL

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1.0 General:

The adjustable tie-down strap covered in this test report is of rescue and survival equipment nature. Inherent to all rescue and survival environments is an increased risk of injury and/or possible death to an individual or group of individuals. Equipment training, including continued proficiency reviews and maintenance, is vital to the proper and safe use of all rescue and survival type equipment.

It is the responsibility of the purchasing and end-user organization or individual to define the operational procedures and safety guidelines associated with the proper utilization, maintenance (including service life) and storage of the rescue and survival equipment. All individuals must be thoroughly trained and familiarized with the intended purpose, correct use and function of the equipment. Failure to do so may result in serious injury or death.

2.0 Description:

Nylon strap with stainless steel adjustor, one large (#366) and one small (#365) Wichard snap hook. Use the small hook to clip to the aircraft tie-down rings and the larger hook to secure litters and other equipment.



Large Hook (#366)

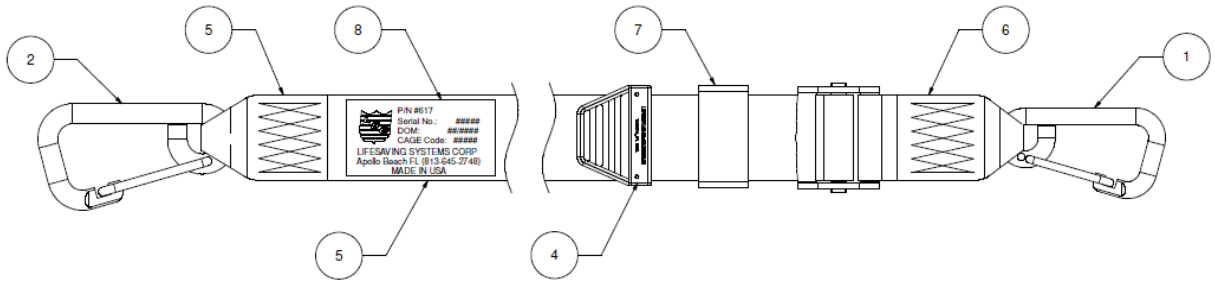
Small Hook (#365)

3.0 Specifications:

- Adjustable Range: 12” to 36” (30.48cm to 91.44cm)
- Working Load Limit: 700lbs (317.5kg)
- Weight: 0.80lbs (0.36kg)
- Break Strength: 3,500lbs (1587.57kg)

4.0 Design and Construction:

4.1 Part List:



Item No:	Description:	QTY:	Part Number:	Stock Size:
1	SNAP HOOK, WICHARD, 3-5/ 32"	1	365	3-5/ 32"
2	SNAP HOOK, WICHARD, 4"	1	366	4"
3	HI-STR SL BAR ADJ, 1.75"	1	452	1.75"
4	PULL TAB	1	H007	n/a
5	1.75" BLK NYL T-13, MIL-W-4088	1	NFW017	1.75" X 34.0"
6	1.75" BLK NYL T-8	1	NFW016	1.75" X 9.5"
7	1" BLK ELASTIC	1	NF003	1.0" X 4.0"
8	SMALL DATA MAX LABEL	1	L003	1.5" X 3.0"

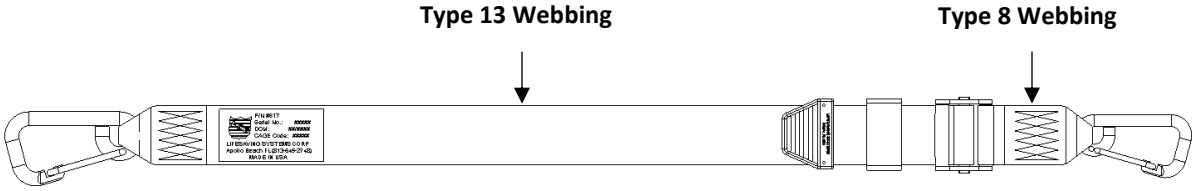
4.2 Hardware:

• Wichard™ Snap Hook • Part Number: 365 • Size: 3 $^{5}/_{32}$″ • Functional Limit: 2,110lbs • Breaking Load: 2,990lbs	
• Wichard™ Snap Hook • Part Number: 366 • Size: 4” • Functional Limit: 2,900lbs • Breaking Load: 4,575lbs	
• High Strength Slide Bar ADJ • Part Number: 452 • Material: S.S. 17-7PH	

4.3 Webbing:

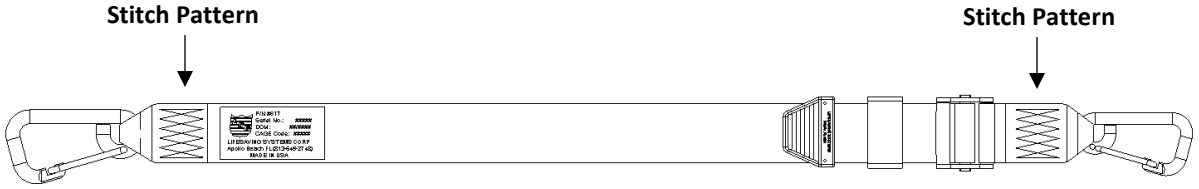
- Adjuster Strap:
  - Type 8 Mil-Spec Nylon Webbing (Breaking Limit 4,000lbs)
  - Color: Black

- Main Strap:
  - Type 13 Mil-Spec Nylon Webbing (Breaking Limit 7,000lbs)
  - Color: Black



4.4 Stitching:

- Material: Bonded Nylon Thread
- TEX 210
- Color: Gray
- Construction: 630dx3
- Strength: 32lbs
- Pattern: 6-Point Double "W", 1-1/4" x 1-3/8", Both Ends



5.0 Load Test Log Data:

- Load testing was performed on 3/24/2014 at Lifesaving Systems Corp.
- The webbing failed at adjuster at 3,800lbs.