

**Thomas J. Stahura**  
Executive Director, Rules and  
Standards



**Tuesday, June 17, 2008**

**C-10761**

**Circular Letter**

**Subject: AAR Approval of Ancra International's 4-in. Wide Web Assy. P/N 43795-10xxR and P/N 43795-11xxR.**

**To: MEMBERS AND PRIVATE CAR OWNERS**

**File Number: LR-1-20-11**

Ancra International, an assembler and distributor of textile webbing securment, requested AAR approval of the subject polyester web assemblies. This request was made in accordance with the *AAR Open Top Loading Rules (OTLR) Manual*, Section 1, General Rules 20 and 34, December 1, 2007 edition. According to the furnished laboratory report, the tested 4-in. wide, 16,200-lb web assembly with flat hook and 4-in. wide, 16,200-lb assembly with delta ring met or exceeded the minimum requirements prescribed in the rules. As a result, Ancra International's tested assemblies, listed in the attached tables, are AAR approved effective June 1, 2008. This approval only applies to the listed assemblies.

In keeping with General Rule 20.10, a suffix character "A" will be added to Ancra International's assigned AAR identification marking for this approved web assemblies. Ancra's distinctive marking is to be displayed as: AAR-74-A. Since Ancra is not a weaver, the "A" signifies Ancra International as an assembler of polyester web tie-down assemblies as described under the rules. The AAR-approved Ancra tie-down assemblies, if used or intended to be used a cargo securement on open top railcars, must meet the published minimum requirements and must be marked with the AAR-assigned marking in accordance with the stipulations in General Rule 20.10.

Accordingly, Table 20.3 of Section 1 (and Table 120.3 Section 7) in the *AAR Open Top Loading Rules (OTLR) Manual* will be revised to include Ancra International as shown in the attached sample table.

Consider this your authority to update the appropriate tables in you copy of Section 1 and 7 of the *AAR OTLR Manual*. Application and use of the above approved components must be made in accordance with the relevant General Rules and applicable loading figures. These revisions will be included in the next edition update of the *AAR OTLR Manual*.

Questions should be directed to Mr. John H. Blackman, Manager-Open Top Loading Rules and Damage Prevention, TTCI, P.O. Box 11130, 55500 DOT Road, Pueblo CO 81001. Or email to [john\\_blackman@aar.com](mailto:john_blackman@aar.com).

ON BEHALF OF THE OPEN TOP LOADING RULES COMMITTEE

<http://www.adobe.com/prodindex/acrobat/readstep.html#reader>

**Sincerely,**  
**Thomas J. Stahura**  
**Executive Director, Rules and Standards**

**Safety and Operations**

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**Attachments**

[ancra assemblies approval section 1 table 20.3.pdf](#)

[ancra assemblies approval section 7 table 120.3.pdf](#)

## AAR Open Top Loading Rules Manual

20.9.5 Table 20.1 lists companies that have received AAR certification as an approved test facility.

Table 20.1 AAR-certified test facilities

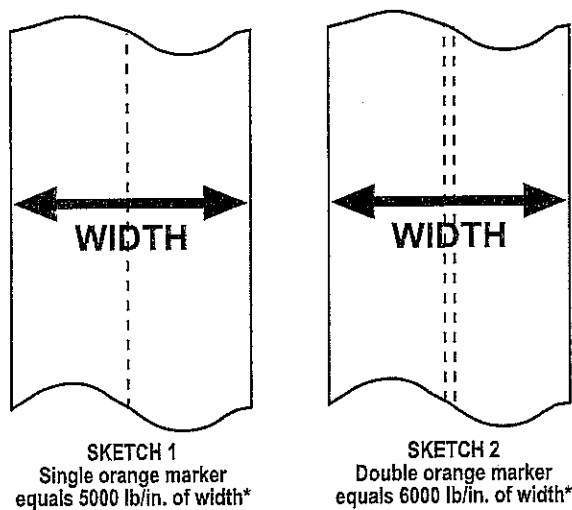
Company	Lab Location	Lab ID	Facility Certified for testing				Length of Apparatus Test Bed (ft)
			Webbing		Web Assembly		
			Date Certified	Cert. Expires	Date Certified	Cert. Expires	
SpanSet, Inc.	Sanford, NC	72L-MA	2/13/07	2/13/10	N/A	N/A	78
Ancra International	Erlanger, KY	74L-A	6/1/08	6/1/11	6/1/08	6/1/11	5.5

### 20.10 Marking AAR-Approved Components

**20.10.1** An AAR-assigned identification mark will be issued to a company that receives webbing approval or approval as an assembler. This mark will identify and correspond to the name of the manufacturer, weaver, and/or final assembling company. The applied AAR marking is in addition to any other labeling, marking, warning notices, etc., that may be required by other regulatory bodies or jurisdictions.

**20.10.2** In accordance with WSTDA-T4, a high-contrast colored marker or thread, either solid or broken, centered on at least one face of the webbing, shall indicate the strength of the webbing. A single-line colored marker, as pictured in Sketch 1 of Fig. 20.8, indicates a minimum breaking strength of 5,000 lb/in. of web width. A double-line colored marker, as pictured in Sketch 2 of Fig. 20.8, indicates a minimum breaking strength of 6,000 lb/in. of web width. The marker(s) on the webbing is for the purpose of identifying the web strength for renewal purposes and is not to imply the maximum strength or the WLL of the entire assembly, which will likely be less.

**20.10.3** All AAR-approved webbing is to be identified with the weaver's AAR-assigned marking at intervals not more than every 10 ft with the following exception: for webbing that is fabricated to customer-specified lengths, the AAR marking is to be located within 18 in. of the finished end of the strap after assembly of any attachments and must be clearly visible.



\*Example:

A single-line colored marker on a 4-in.-wide web indicates a strap break strength of 20,000 lb ( $4 \times 5,000 = 20,000$ ).

A double-line colored marker on a 3-in.-wide web indicates a minimum breaking strength of 18,000 lb ( $3 \times 6,000 = 18,000$ ).

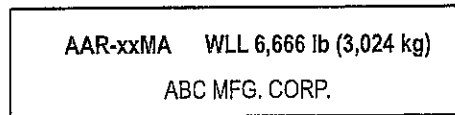
**Fig. 20.8 Web-strength-identifying colored markers**

**20.10.4** All AAR-approved web tie-down assemblies are to be identified with the assembler's AAR-assigned marking and must include the working load limit of the assembly.

**20.10.5** The AAR identification marking must be applied at the time of production and may be accomplished by printing, stenciling, attaching a metal tag permanently to an assembly fixture, or affixing a label located within 18 in. from one end of the assembly.

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**20.10.6** All required identification markings must be clearly and indelibly applied in such a way as to provide permanent identification for the useful life of the component. The company's marking must be preceded by the letters *AAR*, and separated by a hyphen (e.g., *AAR-xxM*) as shown in Fig. 20.9.



Legend for AAR Marking, AAR-xxMA:  
 AAR = AAR issued approval  
 xx = AAR-assigned number to identify ABC Mfg. Corp.  
 M = AAR-approved as a manufacturer  
 A = AAR-approved as an assembler

**Fig. 20.9 Example of AAR marking**

### 20.11 Approved Companies and Components

**20.11.1** Table 20.2 lists companies that have received AAR approval of their webbing in accordance with these rules.

**Table 20.2 Approved webbing companies**

Company	Ref. Part No.	Type and Width of Webbing	Web MBS	AAR Marking*	Approved Through (mm/yy)
			lb (kg)		
Spanset, Inc.	P/N 141534	LoadGard(tm) woven polyester, uncoated, 4.0 in.	20000 (9092)	AAR-72MA	09/10

\*M = Approved weaver/manufacturer  
 MA = Approved weaver and assembler

**20.11.2** Table 20.3 lists those companies that have received AAR approval of their tie-down web assemblies in accordance with these rules.

**Table 20.3 Approved web assemblies and/or tensioning devices**

Company	Model or Ref. Part No.	Type or Description	Assy. WLL lb (kg)	AAR Marking*	Approved Through (mm/yy)
Ancra International	P/N 43795-10xxR	4-in. wide strap with powder coated steel flat hook attached by stitching.	5,400 (2449)	AAR-74A	06/11
Ancra International	P/N 43795-11xxR	4-in. wide strap with zinc plated steel delta ring attached by stitching.	5,400 (2449)	AAR-74A	06/11
SpanSet, Inc.	P/N 152622 P/N WS4xxP	4-in.-wide Weargard(tm) orange premium polyester, PVC impregnated with SY-8110 permanent-mount winch assembly	15,000 (6804)	AAR-72MA	09/10
Pacific Cargo	P/N 8425	Low Profile Weld on Winch.	5,000 (2268)	AAR-75A	09/10
Pacific Cargo	P/N 10227850	4-in. x 48-ft. strap with 1-in. Formed Eye.	6,600 (2994)	AAR-75A	09/10
Pacific Cargo	P/N S4515-SE	4-in. x 15-ft. strap with 4.25-in. Loop.	5,000 (2268)	AAR-75A	09/10
Pacific Cargo	P/N 20228610	4-in. x 28-ft. Ratchet strap with Chain Extension.	5,000 (2268)	AAR-75A	09/10
Protec	P/N 20189690	2-in. wide polyester web w/sewn loop ends with Cordura protective sleeve	10,000 (4536)	AAR-70A	09/10
Wisconsin Lifting Specialists	P/N 87543801	Endless Polyester Web Loops with protective Cordura sleeve.	25,000 (11340)	AAR-76A	09/10

\*M = Approved weaver/manufacturer  
 MA = Approved weaver and assembler  
 A = Approved assembler, finisher, or distributor

**20.11.3** It is recommended that winches and ratchets be durably marked with the manufacturer's name or logo and a working load limit rating in pounds and kilograms, in accordance with WSTDA-T3, latest edition.

**IMPLEMENTED 06/2008**

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**120.11.2** Table 120.3 lists those companies that have received AAR approval of their tie-down web assemblies in accordance with these rules.

**Table 120.3 Approved web assemblies and/or tensioning devices**

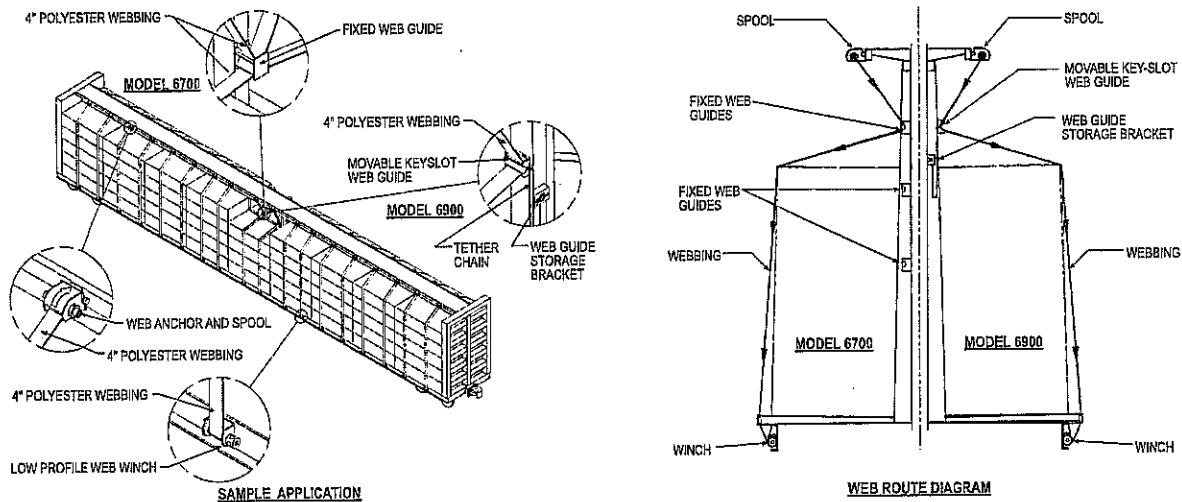
Company	Model or Ref. Part No.	Type or Description	Assy. WLL lb (kg)	AAR Marking*	Approved Through (mm/yy)
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\*M = Approved weaver/manufacturer  
 MA = Approved weaver and assembler  
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**120.11.3** It is recommended that winches and ratchets be durably marked with the manufacturer's name or logo and a working load limit rating in pounds and kilograms, in accordance with WSTDA-T3, latest edition.

IMPLEMENTED 06/2008

120.11.4 Figures 120.10 and 120.11 illustrate approved devices and include important relevant information.



**Notes and Additional Requirements:**

1. This system consists of a conventional or low-profile side-sill-mounted web winch, an eave-mounted web-anchor storage spool, and either permanently-mounted web guides spaced at uniform intervals on the intermediate posts or moveable key-slot web guides.
2. When applying this tie-down system, it must be ascertained that all webbing has been unwound from the top-mounted web-storage spool before tensioning. Unreleased strapping, resulting from tangled or stuck webbing, may become dislodged en route, resulting in a loose tie-down.
3. Model 6700—Unless otherwise specified, such as the condition described in Note 5 below, when applying this tie-down system equipped with permanently attached intermediate post web guides, the webbing must always be routed through the web guide above and closest to the top of the load.
4. Model 6900—Unless otherwise specified, such as the condition described in Note 5 below, when applying this tie-down system equipped with moveable key-slot web guides, the web guide is to be positioned in the key slot above and nearest to the top of the load for routing of the webbing.
5. When the highest key slot or permanent mounted guide on the intermediate post is not accessible due to the load height, the webbing is to be routed directly from the anchor storage spool, over the side of the load, and directly to the winch. When this occurs, any unused moveable key-slot guides, if so equipped, are to be locked into the storage key-slot located on the interior side of the intermediate posts as illustrated.

Fig. 120.10 Models 6700 and 6900 Portec Rail Products top-mounted web anchor and storage system