

Safe. Secure. Certified.

**AMSAFE BRIDPORT**



EASA and FAA approved



↘ **TSO C172 CARGO TIE-DOWN STRAPS**

⦿ The Market Leaders in Cargo Restraint Equipment ⦿ [amsafebridport.com/cargo](https://amsafebridport.com/cargo)

## A WORLD FIRST — A CARGO TIE-DOWN STRAP WITH FAA AND EASA APPROVAL

AMSAFE BRIDPORT CARGO PRODUCT GROUP leads the industry in the development of safety critical equipment such as cargo restraint straps. Its tie-down straps are used throughout the world by international airlines and air cargo operators to safely and securely hold down cargo and equipment during transport.

### The Global Challenge

With a market full of sub-standard straps, SAE and ISO technical groups have demanded a Technical Standard Order (TSO) for the certification of air cargo tie-down straps – increasing air cargo safety by providing a globally recognised minimum design, performance and quality standard for air cargo straps.

IATA has now answered the demands of the industry, and from 1st January 2016, IATA ULD Regulations require air cargo operators to fit TSO C172 certified tie-down straps.

This TSO standard contains set qualification criteria, including the requirement to test in simulated gust conditions. To achieve this a new design and improved anti-slip properties were incorporated into the buckles. Unless you use certified TSO C172 straps, your tie-down strap would not meet this test requirement.

### The Solution from AmSafe Bridport

Our patented TSO C172 Cargo Tie-Down Straps have been designed, tested and then regulatory-certified after several years research and design. This is the first time both agencies have issued a TSO for this type of product.

### AmSafe Bridport Expertise

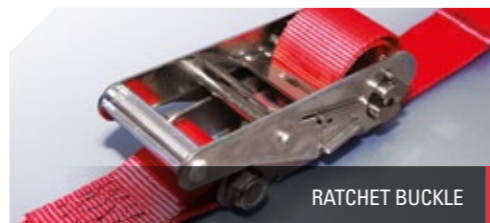
At AmSafe Bridport, we maintain a staff of skilled engineers who design and manufacture our products in a state-of-the-art facility. Our highly trained production staff is committed to quality, with every production run batch tested to rigorous Quality Assurance specifications. All of our tie-down straps can include customer-specific information printed directly on the webbing for a clear point of reference when cargo is secured.



- ⊕ Patented design.
- ⊕ Meets all C172 requirements.
- ⊕ 20% reduction in size and weight.
- ⊕ Additional functionality – easier adjustment, safety lock on buckle in open position.
- ⊕ Available with 5000lb & 2000lb straps



- ⊕ Meets all C172 requirements.
- ⊕ Commonality used across the air cargo industry.
- ⊕ Available with 5000lb straps



- ⊕ Meets all C172 requirements.
- ⊕ Considerably reduces size and weight.
- ⊕ Available with 5000lb & 2000lb straps

### New Buckle Designs, One Aim

The reason for C172's creation is to increase safety by providing:

- ⊕ A globally recognised minimum design, performance and quality standard.
- ⊕ Tested for gust load to avoid in-flight slippage.
- ⊕ Improved lightweight buckle design for ease of operational use.\*

2,000LB. TIE-DOWN STRAPS			
Base Part No.	Lengths	Buckle Options	End Fitting Options
TS20-04443**	Supplied in any lengths	Over-centre Ratchet Cam	Single Stud Snap Hook

5,000LB. TIE-DOWN STRAPS			
Base Part No.	Lengths	Buckle Options	End Fitting Options
TS40-02996**	Supplied in any lengths	Over-centre Buckle Ratchet Buckle Slimline Lightweight Buckle	Double Stud Double Stud with Ring Double Stud with Pear Ring Snap Hook

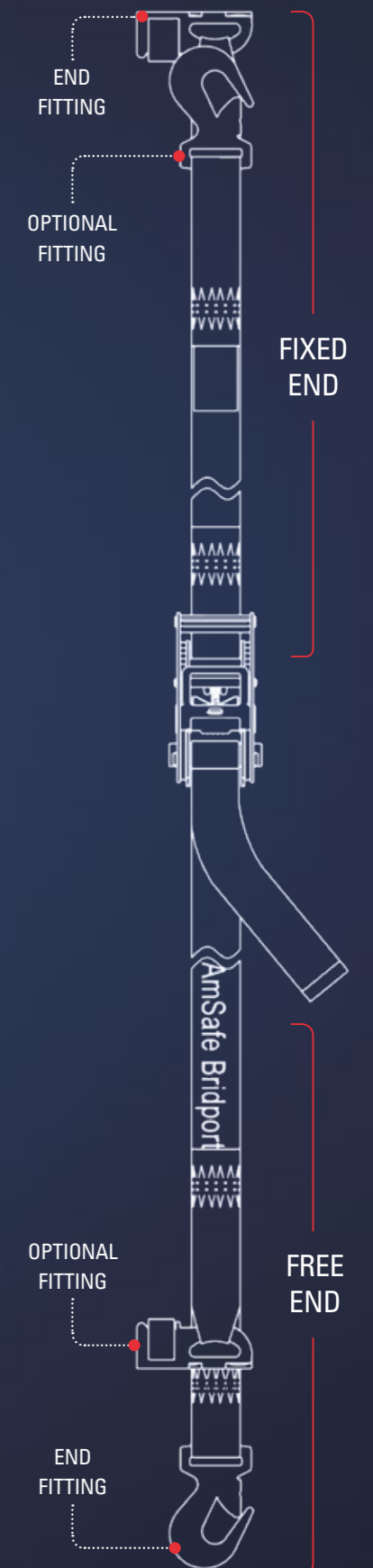
### Key Features and Benefits

- ⊕ Meets all TSO C172 Requirements.
- ⊕ 20% lighter strap.\*
- ⊕ A range of end fitting and buckle options, including ratchet and over-centre.
- ⊕ Sufficient textile UV degradation allowance affords each strap a 3 year service life.
- ⊕ An identifiable TSO C172 label with expiry date, to support operational compliance.
- ⊕ Positive locking in open position on the over centre buckle.\*



\*Applies to our Slimline Lightweight Buckle only

### TIE-DOWN STRAP FEATURES



## Regulatory Recommended

Signing AmSafe Bridport to deliver these TSO C172 Tie Down Straps means we're ahead of vital industry regulations and have the peace of mind of knowing we're working with the global industry leader in safety restraint products.

Urs Wiesendanger, Air Canada

## AmSafe Bridport Approved

Intensive research and design combined with cutting-edge engineering capabilities has seen us deliver this new safety strap that protects all types of air cargo and crucially ensures our customers adhere to future aviation legislation.

Joe Ashton, Cargo Product Group AmSafe Bridport

Also available from AmSafe Bridport Cargo Product Division

- Fire Containment Cover
- Pallet Nets
- Lightweight Pallet Nets
- Thermal Covers



TSO C172 CARGO TIE DOWN STRAPS

EASA and FAA approved



**Learn more**

For further info on our products and services visit our website

### EMEA and Asia

The Court, West Street, Bridport,  
Dorset, DT6 3QU, UK

t. +44 (0) 1308 456 666  
f. +44 (0) 1308 456 605  
e. [info@amsafebp.com](mailto:info@amsafebp.com)

### Americas

2220 E. Cerritos Avenue, Anaheim,  
CA. 92806, USA

t. +1 (714) 634 8801  
f. +1 (714) 634 8809  
e. [info@amsafebp.com](mailto:info@amsafebp.com)