REGULATORS' UPDATE

Regulatory Updates affecting ULD Operations

TSO C90d
TSO C172

Bob Rogers

2010- Onwards

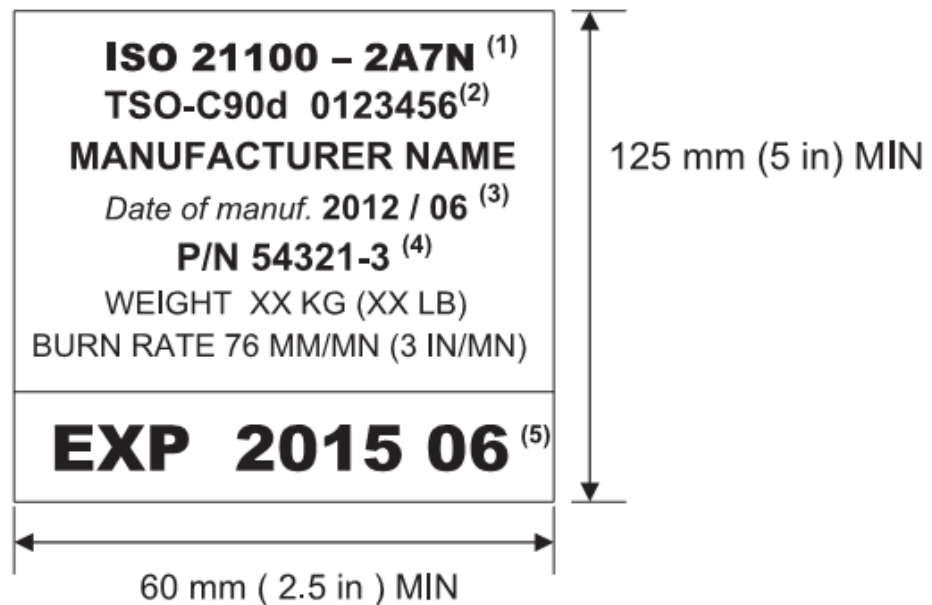|	2010	2011	2012	2013	2014
TSO C90			TSO/ETSO C90d issued		
TSO C172			TSO/ ETSO C172 Issued		
Cargo stopper TSO				Expected	
Active ULD TSO				??	
Fire Containment Cover (FCC) TSO				Expected	
Fire Resistant Container (FRC) TSO					Possible

Cargo Nets

◊ Effective Oct. 01, 2013, expiry date determination and marking will be mandatory on all new nets, whether airworthiness approved under TSO C90c or TSO C90d.

TSO C90c

NAS 3610 – 2A6N [1]
TSO-C90c 0123456 [2]
MANUFACTURER NAME
Date of manuf. 2012 / 06 [3]
P/N 54321-3 [4]
WEIGHT XX KG (XX LB)
BURN RATE 76 MM/MN (3 IN/MN)

EXP 2015 06 [5]

60 mm (2.5 in) MIN

TSO C90d

ISO 21100 – 2A7N [1]
TSO-C90d 0123456 [2]
MANUFACTURER NAME
Date of manuf. 2012 / 06 [3]
P/N 54321-3 [4]
WEIGHT XX KG (XX LB)
BURN RATE 76 MM/MN (3 IN/MN)

EXP 2015 06 [5]

60 mm (2.5 in) MIN

125 mm (5 in) MIN

Impact on the Industry

- Authorities moving rapidly towards life limits on any non metallic items
- Triggered by EASA findings on net condition
  - Degraded nets found to be below strength requirements
  - Non negotiable decision by Regulators

- ULDCARE commitment to Demonstrated Best Practices
  - You don't like to eat time expired food
  - Don't use time expired ULD

TSO C172 Cargo Straps

3.5 Unit Load Devices Accessories

3.5.1 Certified ULD Accessories

The only Unit Load Devices accessories which can at this time be certified under a TSO are cargo restraint straps (TSO C-172). See Section 5 Standard Specification 60/2 for applicable requirements.

Effective Oct. 01, 2015, the use of TSO C-172 certified straps will become mandatory and the use of previous non TSO approved straps for primary cargo restraint be discontinued.

What's coming up

- FAA and EASA timetables are never that clear
- We can expect new TSO's on various cargo items
- A TSO is not an operating instruction to use that item, it is an endorsement by an aviation authority that the TSO approved item meets a certain minimum performance standard.