

HAMMAR

HAMMAR LIFEJACKET INFLATOR

RESULTS OF TESTING

EN 396 - EN 399
IMO / SOLAS - MSA / A689 (17)
CAA SPEC - FAA TSO 13f

TESTING BY
FLEETWOOD NAUTICAL
COLLEGE NOTIFIED BODY 0514

November
~~OCTOBER~~ 1996
FEBRUARY 1997
APRIL 1997
NOVEMBER 1997

HAMMAR LIFEJACKET INFLATOR - ANNEX 2

Test Schedules

Test Schedule A

European Standard (EN396) and IMO/SOLAS (A689/17) standard according to M.S.A.

- * Inadvertent spray test
- 0 2 Load to activate mechanism
- 0 3 Speed of inflation
- 0 4 Strength of attachment of inflation device to lifejacket
- 0 5 Cold inflation test
- 6 Fire resistance test
- 7 Extreme temperature cycling test
- 0 8 Resistance to bursting
- 9 Oil and diesel resistance soak test
- * 10 Crushing and compression test

Test Schedule B

Additional tests to CAA/FAA aviation lifejacket requirements

- 0 1 Perpendicular load test
- 0 2 High pressure (proof pressure test)

Test Schedule C

Extra severe testing additional to Schedules A and B

- * Inadvertent spray test with inflator fully exposed to spray
- * 2 Oil/diesel soak test followed by automatic activation of inflator
- 0 3 Wave splash and spray test
- 4 Extreme temperature reliability testing (4 different makes of gas cylinder)
- 0 5 Cold and high humidity cycling test
- 6 Durability test

* = Indicates testing undertaken by Fleetwood Nautical College (notified body No. 0514)
0 = Indicates testing undertaken by Safety Technical Services (Non calibrated instruments)
Witnessed by J. Matthews of Fleetwood Nautical College (notified body No. 0514)