

# SAFETY CAGE CERTIFICATE

**In compliance with FIA Homologation Regulations for Safety Cages**

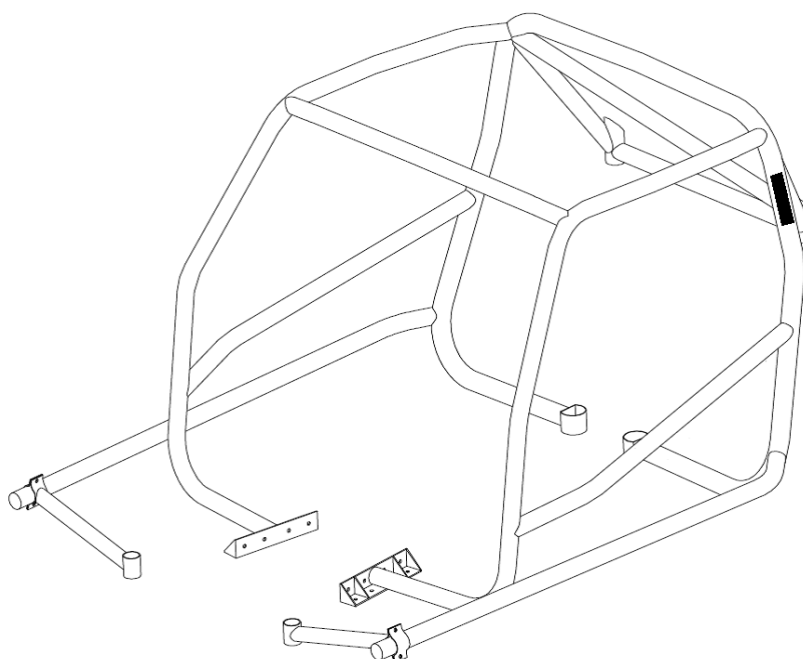
**This Certificate is valid only for the Safety Cage bearing the Serial Number shown on Page 7 of 7**

|                          |  |
|--------------------------|--|
| Safety Cage Manufacturer | <u>Custom Cages</u>  |
| Address                  | <u>Baird Close, Drayton Fields</u><br><u>Daventry, Northamptonshire</u><br><u>NN11 8RY, U.K.</u> |
| Phone no. + email        | <u>+44 (0) 1327 872855 / info@customcages.co.uk</u>  |

**The structure shown on this form is manufactured for the following vehicle:**

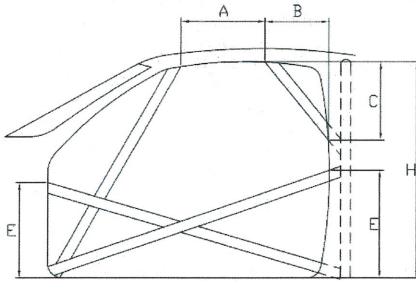
|   |              |       |             |                       |                |
|---|--------------|-------|-------------|-----------------------|----------------|
| Make  | <u>LOTUS</u> | Model | <u>ELAN</u> | Year/Model Identifier | <u>'62-'73</u> |
| Vehicle Homologation Number(s)*<br>*if applicable |              |       | <u>127</u>  |                       |                |

**Drawing of front ¾ view of the Complete Structure showing the location of the identification plate**



**It is accepted by all parties and entities concerned with this document and its content that, in the last resort, the FIA holds full authority to testify to the regulatory validity of this certificate in case of difficulties regarding the application or interpretation of the rules and/or requirements referred to above**

**DETAILS OF STRUCTURE**



A = N/A mm      B = N/A mm  
 C = N/A mm      E = 160 mm  
 H = 680 mm

**(E is highest figure only)**

All Dimensions ± 5mm

|  |                |
|--|----------------|
| Method of attachment to Body Shell     | <u>BOLTING</u> |
| Weight of Safety Cage, inc. fastenings | <u>25.5</u> kg |

This document is valid only if fully completed and issued as a validated original document by the Motor Sports Association United Kingdom (The issuing ASN).

It must be presented, in full, on demand to FIA or ASN delegates or Technical Scrutineers of the Meeting (Competition). The authorisation of this form by the issuing ASN certifies that the structure shown herein complies with the basic strength and configuration requirements of the FIA Homologation Regulations for Safety Cages.

It does not certify that the structure complies with the requirements of any particular competition or technical regulations. **This certificate becomes invalid if the structure is modified in any way from the design shown herein.**

**FOR THE USE OF THE ISSUING ASN ONLY**

The issuing ASN, having been satisfied that the Safety Cage design identified in this Certificate has been demonstrated to meet the requirements of the FIA Homologation Regulations for Safety Cages, certifies that the design of the Safety Cage Structure is valid for use, subject to the restrictions listed below, in all events sanctioned by the issuing ASN and International events sanctioned by the FIA.

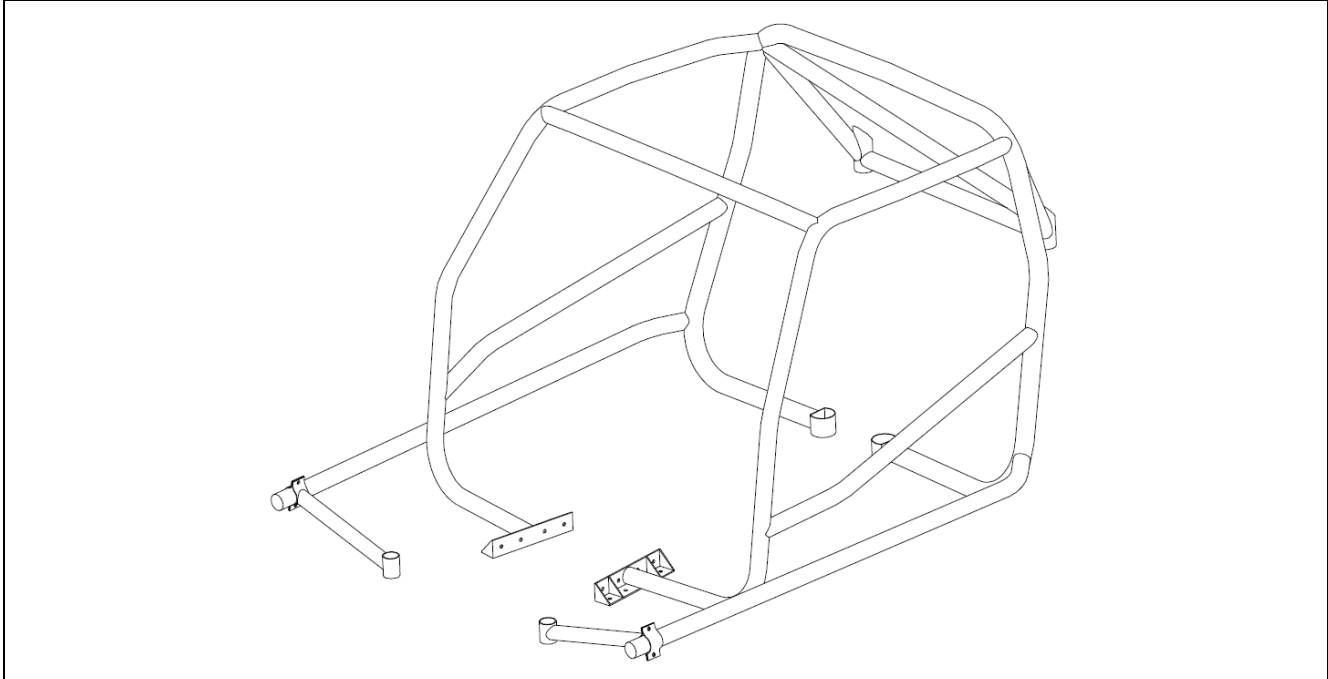
|                              |                                  |                         |  |
|------------------------------|----------------------------------|-------------------------|--|
| Name of Authorising Officers | <b>John Symes</b>                | <b>Joe Hickerton</b>    |  |
| Position                     | Technical Director               | Technical Administrator |  |
| Signed                       |                                  |                         |  |
| Date                         | <u>21<sup>st</sup> July 2015</u> | <u>21.07.15</u>         |  |

Remarks/Restrictions (For the use of the issuing ASN only)

FIA Appendix K use only

Approved in accordance with current FIA Appendix K – Appendix VII – Lotus Elan (26 and 26R)

**LABELLED DRAWING OF THE SAFETY CAGE STRUCTURE SHOWING ALL TUBING DIMENSIONS**



| All Dimensions $\pm$ 0.1mm           |           | Show location of each type on drawing |                        |                    |                       |
|--------------------------------------|-----------|---------------------------------------|------------------------|--------------------|-----------------------|
| Tube / Member                        | Label     | Grade of Steel                        | External Diameter (OD) | Wall Thickness     | Min. Tensile Strength |
| Main Rollbar                         | All tubes | BS 4T45                               | 38 mm                  | 1.6 mm             | 700 N/mm <sup>2</sup> |
| Front/Lateral Rollbar                | All tubes | BS 4T45                               | 38 mm                  | 1.6 mm             | 700 N/mm <sup>2</sup> |
| Backstays                            | All tubes | BS 4T45                               | 38 mm                  | 1.6 mm             | 700 N/mm <sup>2</sup> |
| Main rollbar Diagonal members        | N/A       |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
| Backstay Diagonal members            | All tubes | BS 4T45                               | 38 mm                  | 1.6 mm             | 700 N/mm <sup>2</sup> |
| Roof Reinforcements                  | N/A       |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
| Doorbars                             | All tubes | BS 4T45                               | 38 mm                  | 1.6 mm             | 700 N/mm <sup>2</sup> |
| Windscreen Pillar Reinforcements     | N/A       |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
| Harness Bar                          | All tubes | BS 4T45                               | 38 mm                  | 1.6 mm             | 700 N/mm <sup>2</sup> |
|                                      |           |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
|                                      |           |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
|                                      |           |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
|                                      |           |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
|                                      |           |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
|                                      |           |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
|                                      |           |                                       | mm                     | mm                 | N/mm <sup>2</sup>     |
| Total length of all tubes < 40 mm OD |           |                                       | 14.9 m                 | <b>15m maximum</b> |                       |

**PHOTO/DRAWING 1**  
FRONT ¼ VIEW OF CAGE



**PHOTO/DRAWING 2**  
REAR ¼ VIEW OF CAGE



**PHOTO 3**  
VIEW FROM SIDE OF CAR



**PHOTO 4**  
MAIN ROLLBAR TO FLOOR ATTACHMENT



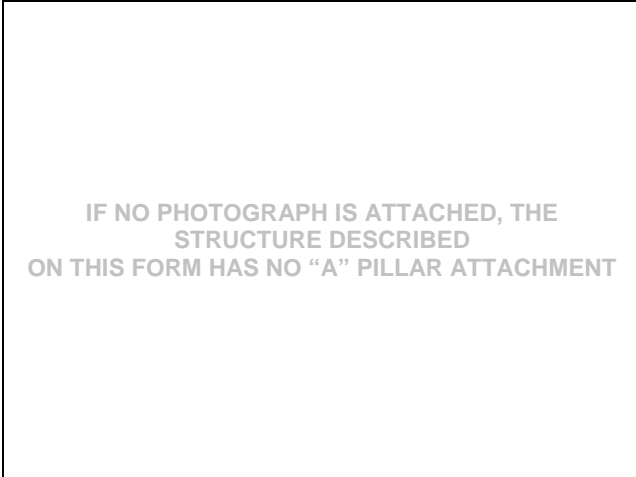
**PHOTO 5**  
REAR BACKSTAY TO BODY ATTACHMENT



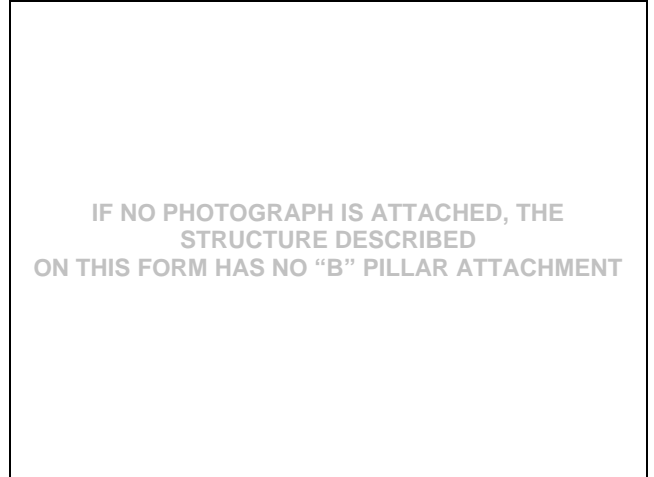
**PHOTO 6**  
FRONT ROLLBAR TO FLOOR ATTACHMENT



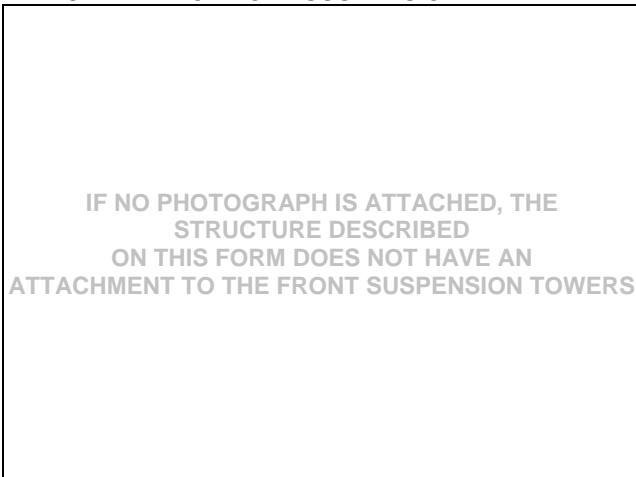
**PHOTO 7**  
FRONT ROLLBAR ATTACHMENT TO "A" PILLAR



**PHOTO 8**  
MAIN ROLLBAR ATTACHMENT TO "B" PILLAR



**PHOTO 9**  
ATTACHMENT TO FRONT SUSPENSION



**PHOTO 10**  
ANTI-INTRUSION DOORBAR - DRIVER



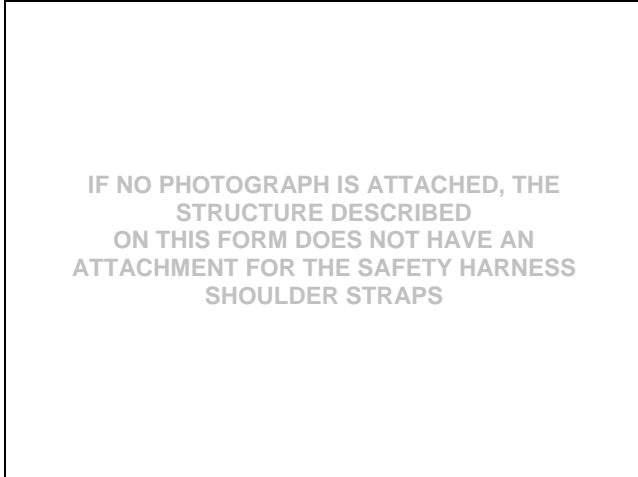
**PHOTO 11**  
ANTI-INTRUSION DOORBAR – CO-DRIVER



**PHOTO 12**  
SHOULDER HARNESS ATTACHMENT – DRIVER



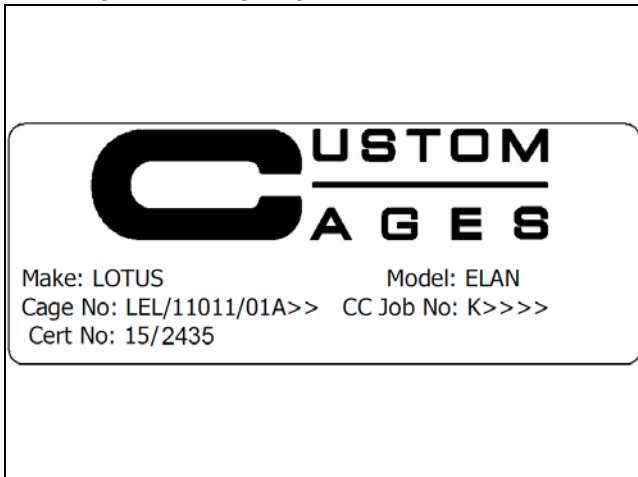
**PHOTO 13**  
SHOULDER HARNESS ATTACHMENT – CO-DRIVER



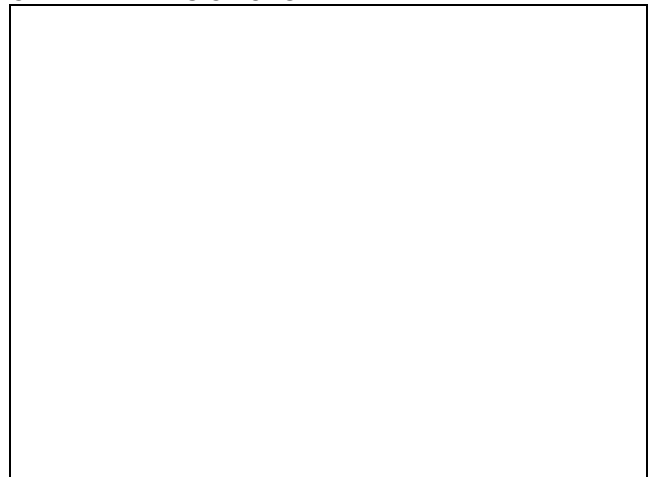
**PHOTO 14**  
LOCATION OF IDENTIFICATION PLATE



**PHOTO 15**  
DETAIL OF IDENTIFICATION PLATE



**PHOTO 16**  
OTHER DETAILS OF CAGE



**PHOTO 17**  
OTHER DETAILS OF CAGE



**PHOTO 18**  
OTHER DETAILS OF CAGE



|   |       |
|---|-------|
| V.I.N. or Chassis Identification Number | _____ |
| Roll Cage Serial Number                 | _____ |

**MANUFACTURER'S DECLARATION AND DETAILS:**

I declare that the Safety Cage Structure described on this form and fitted to the vehicle described above:

- was constructed and installed in accordance with the specifications and design shown herein.
- has been manufactured so that all aspects of the Safety Cage design, including configuration and strength requirements and welded and demountable joints and mountings, will be in conformity with the requirements of the FIA Homologation Regulations for Safety Cages.
- has been identified by a permanent ID plate bearing the name or logo of the manufacturer, the ASN Certificate number and a unique manufacturer's serial number.

|                     |  |   |
|---------------------|--|---|
| Manufacturer's Name | <u>Custom Cages</u>  |  <p style="font-size: 0.8em; margin: 0;">1 Baird Close, Daventry<br/>Northants, NN11 8RY<br/>Tel: 01327 872855<br/>Fax: 01327 300758<br/>E-mail: info@customcages.co.uk</p> |
| Address             | <u>Baird Close, Drayton Fields</u><br><u>Daventry, Northamptonshire</u><br><u>NN11 8RY, U.K.</u> |   |
| Phone no. + email   | <u>+44 (0) 1327 872855</u><br><u>info@customcages.co.uk</u>                                      |   |
| Signature           | Insert signature here  |   |
| Name of Signatory   | <u>Roger Nevitt</u>  |   |

**MANUFACTURER'S AGENT:** (For Safety Cages installed by an Agent)

The following Agent is authorised to act on the manufacturer's behalf to install this Safety Cage design.

|                   |                         |
|-------------------|-------------------------|
| Agent's Name      | _____                   |
| Address           | _____<br>_____<br>_____ |
| Phone no. + email | _____                   |

|  |
|--|
| <b>Instructions to the installer of the Safety Cage</b>  |
| <p>The ASN may list here any instructions it wishes to be followed for the processing of the certificate</p> |