

Date received: 18-03-08

Date of issue: 07-05-08

Report consists of 8 attached sheets.

Sample name: HIGHWAY

SEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**TEST REPORT N° 91488**

## List performed tests

1. Seating durability test - cyclic ANSI-BIFMA X5.4-2005/13
2. Arm durability test - vertical - cyclic ANSI-BIFMA-X5.4-2005/12
3. Structural durability test - cyclic ANSI-BIFMA X5.4-2005/15
4. Arm strength test - vertical - static ANSI-BIFMA X5.4-2005/10
5. Drop test - dynamic ANSI-BIFMA X5.4-2005/14
6. Leg strength test - front and side application ANSI-BIFMA X5.4-2005/17
7. Unit drop test - dynamic ANSI-BIFMA X5.4-2005/18
8. Stability test ANSI-BIFMA X5.4-2005/22

Head of Department  
Paolo BaluttoManaging Director  
Dott. Andrea Giavon

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**TEST REPORT****91488 / 1**Date received: 18-03-08  
Date of test: 26-03-08  
Date of issue: 07-05-08  
Sample name: HIGHWAYSEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**Seating durability test - cyclic ANSI-BIFMA X5.4-2005/13**

## Seat impact test

Height of drop: 25 mm above the uncompressed seat surface

## Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

## Front corner load-ease test - cyclic -off-center

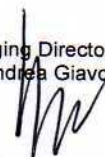
## Test results:

Seat load N	Number of cycles	Remarks
734	20.000	No defects

Test passed

## Note:

The test has been carried out on three positions.

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**TEST REPORT****91488 / 2**Date received: 18-03-08  
Date of test: 14-04-08  
Date of issue: 07-05-08  
Sample name: HIGHWAYSEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**Arm durability test - vertical - cyclic ANSI-BIFMA-X5.4-2005/12**

## Test results:

Vertical load N	Number of cycles	Remarks
890	10.000	No defects

Test passed

Head of Department  
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Dott. Andrea Giavon

**TEST REPORT****91488 / 3**Date received: 18-03-08  
Date of test: 16-04-08  
Date of issue: 07-05-08  
Sample name: HIGHWAYSEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**Structural durability test - cyclic ANSI-BIFMA X5.4-2005/15**

## Test results:

Load for each seating position Kg	Horizontal force N	Number of cycles	Remarks
102	445	100.000	No defects

Test passed

Head of Department  
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**TEST REPORT****91488 / 4**Date received: 18-03-08  
Date of test: 06-05-08  
Date of issue: 07-05-08  
Sample name: HIGHWAYSEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**Arm strength test - vertical - static ANSI-BIFMA X5.4-2005/10**

## Test results:

Load on arm rest N	Remarks
890	No defects
1.334	No defects

Test passed

Head of Department  
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Dott. Andrea Giayon



**TEST REPORT****91488 / 5**Date received: 18-03-08  
Date of test: 06-05-08  
Date of issue: 07-05-08  
Sample name: HIGHWAYSEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**Drop test - dynamic ANSI-BIFMA X5.4-2005/14**

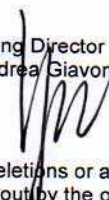
## Test results:

Bag weight kg	Drop height mm	Number of cycles per position	Remarks
102	152	1	No defects
136	152	1	No defects

Test passed

## Note:

The test has been carried out on three positions.

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TEST REPORT

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Date received: 18-03-08  
Date of test: 06-05-08  
Date of issue: 07-05-08  
Sample name: HIGHWAY



SEGIS S.P.A.  
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53036 POGGIBONSI (SI)  
ITALY

**Leg strength test - front and side application ANSI-BIFMA X5.4-2005/17**

Weight of the unit: 82 kg

Front load test:

Horizontal force N	Remarks
334	No defects
820	No defects

Side load test:

Horizontal force N	Remarks
334	No defects
820	No defects

Test passed

Head of Department  
Paolo Balutto



Managing Director  
Dott. Andrea Giavon



**TEST REPORT****91488 / 7**Date received: 18-03-08  
Date of test: 06-05-08  
Date of issue: 07-05-08  
Sample name: HIGHWAYSEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**Unit drop test - dynamic ANSI-BIFMA X5.4-2005/18**

## Test results:

Drop height mm	Number of drops per side	Remarks
305	1	No defects

Test passed

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**TEST REPORT****91488 / 8**Date received: 18-03-08  
Date of test: 06-05-08  
Date of issue: 07-05-08  
Sample name: HIGHWAYSEGIS S.P.A.  
VIA UMBRIA, 14 - LOC. FOSCI  
53036 POGGIBONSI (SI)  
ITALY**Stability test ANSI-BIFMA X5.4-2005/22**

Weight of the unit 82 kg

## Front stability

Minimum force required 328 N  
Measured force > 328 N

## Rear stability

Minimum force required // N  
Measured force // N

Test passed

Head of Department  
Paolo BaluttoManaging Director  
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