



LIST of MIL TEST on ALUMA TOWER SUPER SCORPION TRAILER (TM53-70MIL)

a. High Temperature

MIL-STD-810G Method: 501.5

Description:

Procedure I A1	Procedure II A1
Procedure I A2	Procedure II A2

DETP: EZGM-0002

Aluma Response/Results:

- High Temperature Storage Cycle completed on 08/28/2017 > PASS
- High Temperature Operation Cycle completed on 09/05/2017 > PASS

b. Low Temperature

MIL-STD-810G Method: 502.5

Description:

Procedure I C1	Procedure II C1
Procedure I C2	Procedure II C2
Procedure I C3	Procedure II C3

DETP: EZGM-0003

Aluma Response/Results:

- Low Temperature Storage Cycle completed on 09/11/2017 > PASS
- Low Temperature Operation Cycle completed on 11/27/2017 > PASS

c. Solar Radiation (Sunshine)

MIL-STD-810G Method: 505.5

Description:

Procedure I A1	Procedure II A1
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DETP: EZGM-0006

Aluma Response/Results:

- Solar Radiation Storage Cycle completed on 10/12/2017 > PASS
- Solar Radiation Operation Cycle completed on 10/20/2017 > PASS

d. Rain

MIL-STD-810G Method: 506.5

Description:

Procedure II

DETP: EZGM-0007

Aluma Response/Results:

- Blowing Rain completed on 11/17/2017 > PASS



e. Humidity

MIL-STD-810G Method: 507.5

Description:

Procedure I B1 Procedure II B2 Procedure III B3

DETP: EZGM-0008

Aluma Response/Results:

- Humidity completed on 12/1/2017 > PASS

f. Sand and Dust

MIL-STD-810G Method: 510.5

Description:

Procedure I Procedure II

DETP: EZGM-0011

Aluma Response/Results:

- Sand and Dust completed on 2/14/2018 > PASS

g. Munson Test Area

TOP-01-1-011A Method:

2.6.12 2.6.13

2.6.17 2.6.18

2.6.19

Description:

Belgium Block Imbedded Rock Course
2-inch Washboard 2-to-4-inch Radial Washboard
3-inch Space Bump

DETP: EZGM-028

Aluma Response/Results: All tests were done between 10/23/2017 and 10/30/2017

- Munson Road Course – Belgium Block - completed on 10/23/2017 > PASS
- Munson Road Course – Imbedded Rock - completed on 10/24/2017 > PASS
- Munson Road Course – 2-inch Washboard - completed on 10/25/2017 > PASS
- Munson Road Course – 3-inch Washboard - completed on 10/26/2017 > PASS
- Munson Road Course – 2-to4-inch Radial Washboard - completed on 10/27/2017 > PASS

h. Perryman Off-Road Courses

TOP-01-1-011A Method:

2.1.8b 2.1.8c

Description:

Perryman No. 2 Perryman No. 3

DETP: EZGM-029

Aluma Response/Results: All tests were done between 10/23/2017 and 10/30/2017

- Perryman Course No. 2 - completed on 11/02/2017 > PASS
- Perryman Course No. 3 - completed on 11/08/2017 > PASS