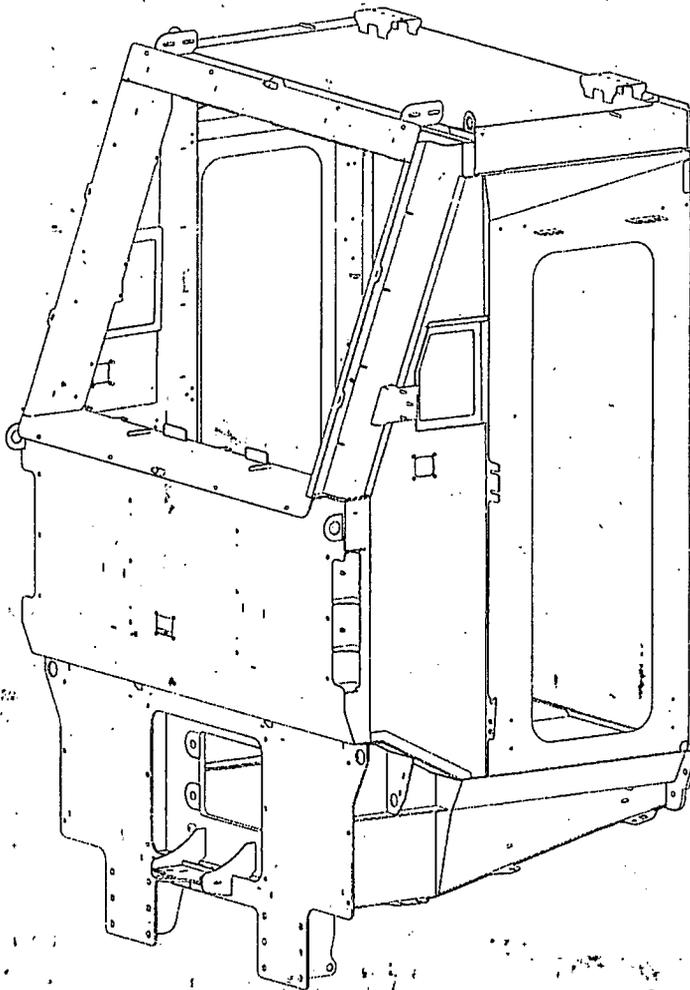


GLOBAL

MANUFACTURING
SOLUTIONS



CABIN STRUCTURE QUALITY CARD

CAB No.: CAB 4 5 7 _

WEIGHT: 1 4 84 Kg

RAW MATERIAL TRACEABILITY

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | PO NUMBER | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|-----------|--------------------|
| RCS 355 | 2 mm | Pegasus | 05/02/24 | 178247 104625 01 | LP49402 | |
| RCS 355 | 2 mm | | | | | |
| RCS 355 | 2 mm | | | | | |

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | PO NUMBER | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|-----------------|-----------|--------------------|
| RCS 355 | 3 mm | Pegasus | 14/02/24 | 17880 104640 01 | F205272 | |
| RCS 355 | 3 mm | | | | | |
| RCS 355 | 3 mm | | | | | |

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | PO NUMBER | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|-----------|--------------------|
| RCS 355 | 20 mm | Pegasus | 28/02/24 | 178488 104640 01 | P300091 | |
| RCS 355 | 20 mm | | | | | |

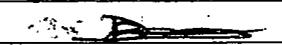
| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | PO NUMBER | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|--------------|-----------|--------------------|
| RCS 355 | 30 mm | Pegasus | 12/02/24 | | | |
| RCS 355 | 30 mm | | | | | |

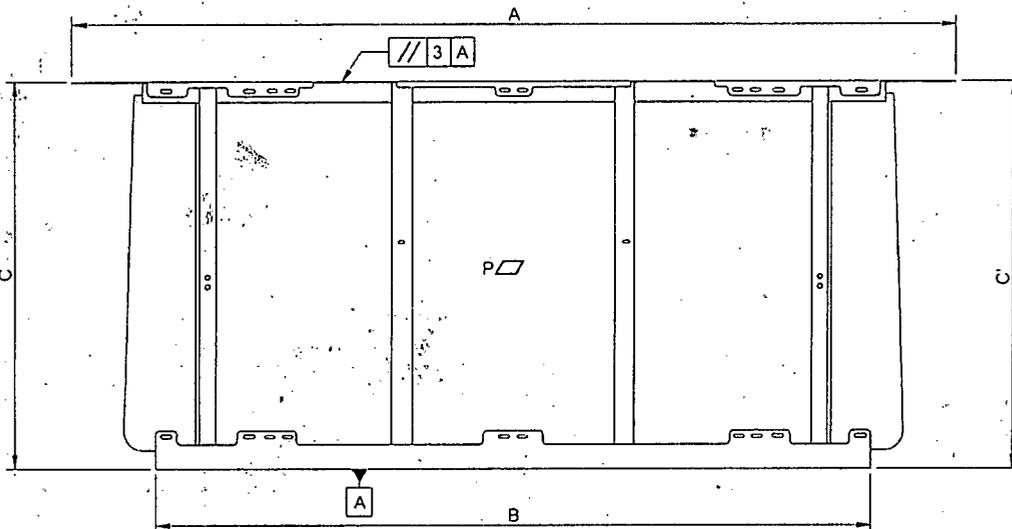
| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | PO NUMBER | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|-----------|--------------------|
| RCS 450 | 4 mm | Pegasus | 08/02/24 | 178489 104640 01 | YHC35578 | |
| RCS 450 | 4 mm | | | | | |
| RCS 450 | 4 mm | | | | | |
| RCS 450 | 4 mm | | | | | |

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | PO NUMBER | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|---------------------|--------------------|
| RCS 450 | 6 mm | Pegasus | 14/02/24 | 178815 104640 01 | F207905 YHC28402 | |
| RCS 450 | 6 mm | | | | | |
| RCS 450 | 6 mm | | | | | |

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | PO NUMBER | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|----------------------|--------------------|
| RCS 450 | 8 mm | Pegasus | 22/11/23 | 175569 102206 01 | F207906 VHS 58432 | |
| RCS 450 | 8 mm | | | | | |
| RCS 450 | 8 mm | | | | | |
| RCS 450 | 8 mm | | | | | |

Cabin Roof Assembly: GN002839

| | | | | | | |
|--|---|-----------------|--------------------------------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0046 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | WYLAN DAVIDS | Assembly Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> | | | |
| Sign: |  | Wire Batch No.: | 107238201 | | | |



Welding Control

| | | | | | | |
|--|-------------|-----------|--|-------------------------------------|--------------------------------------|--------------------------|
| Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| QC Inspector: | Leon | Sign: |  | Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> | |

Dimensional Control

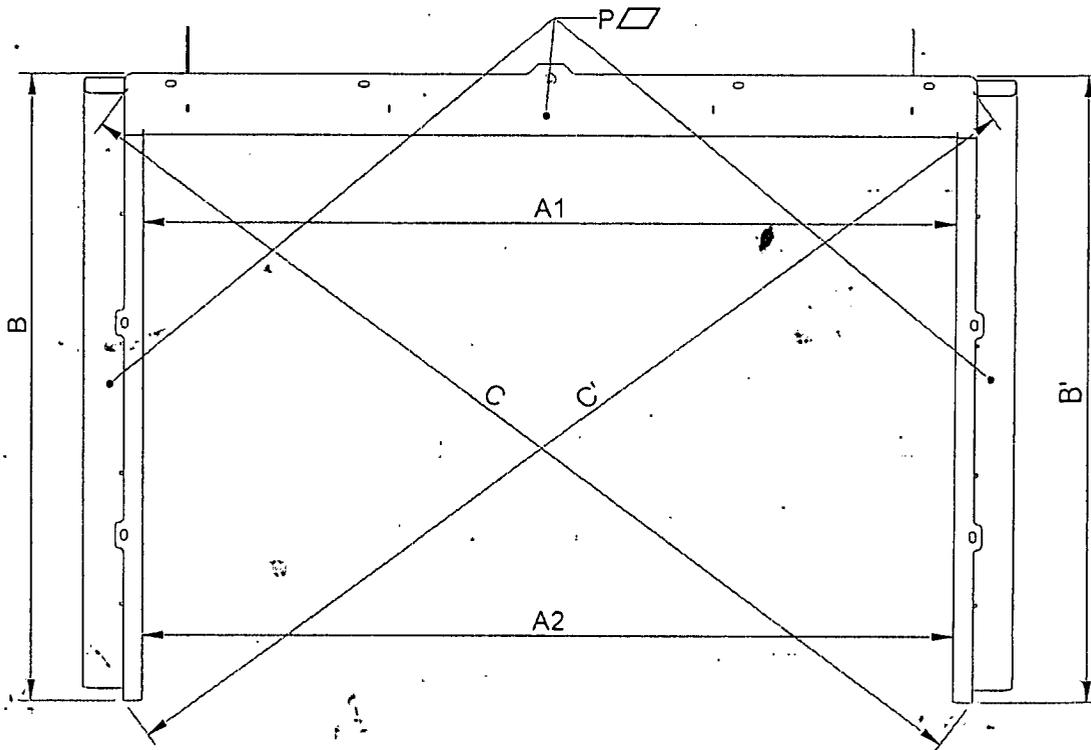
| Rep | Toler. | Dimension measured | | Measuring Equipment | Observations | |
|---------------|-------------|--------------------|--|---------------------|--------------------------------------|--|
| A | +5/-0 | 2216 | | Tape Measure | Accepted | |
| B | ± 4 | 1800 | | | Accepted | |
| C | +2/-3 | 976 | 976 | | Accepted | |
| QC Inspector: | Leon | Sign: |  | Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> | |

Geometrical Control

| Nature of Checks | | Dimension Measured | Measuring Equipment | Observations | | |
|------------------|-------------|--------------------|--|--------------|--------------------------------------|--|
| Planity P | 6 mm | | Ruler | | | |
| // | 3 | Passed | Set Square | Accepted | | |
| QC Inspector: | Leon | Sign: |  | Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> | |

Cabin Front Frame Assembly: GN002840

| | | | | | |
|--|-----------------|-------------------|--------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0047 | Confirmed | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: <i>Rambelo G. Giver</i> | Assembly Date: | <i>2024/03/11</i> | | | |
| Sign: <i>[Signature]</i> | Wire Batch No.: | <i>5502552033</i> | | | |



Welding Control

| | | | | | | |
|--|-------------|-----------|--------------------|-------------------------------------|-------------------|--------------------------|
| Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| QC Inspector: | <i>LEON</i> | Sign: | <i>[Signature]</i> | Date: | <i>2024/03/11</i> | |

Dimensional Control

| Rep | Theoretical Dim | Toler. | Dimension Measured | | Measuring Equipment | Observations |
|---------------|------------------------|--------|--------------------|-------------|---------------------|-------------------|
| A1 | 1910 | ± 2 | <i>1912</i> | | Tape Measure | <i>Acceptable</i> |
| A2 | 1910 | | <i>1911</i> | | | <i>Acceptable</i> |
| B | 1475 | ± 1 | <i>1474</i> | <i>1474</i> | | <i>Acceptable</i> |
| C | Diagonals C - C' ≤ 3 | | <i>2476</i> | <i>2475</i> | | <i>Acceptable</i> |
| QC Inspector: | <i>LEON</i> | Sign: | <i>[Signature]</i> | | Date: | <i>2024/03/11</i> |

Geometrical Control

| Nature of checks | Dimension Measured | Measuring Equipment | Observations |
|------------------|--------------------|---------------------|-------------------------|
| P: Planeity | 4 mm | <i>P48050</i> | <i>Ruler</i> |
| QC Inspector: | <i>LEON</i> | Sign: | <i>[Signature]</i> |
| | | | Date: <i>2024/03/11</i> |

Cabin LHS/RHS Wing Mirror Plate Assembly: GN002846/GN002844

| | | | | | | |
|---|--------------------|-----------------|------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0068_0073 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>Xander</i> | Assembly Date: | 2024/03/11 | | | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 552033 | | | |

Cabin LHS/RHS Cantrail Assembly: GN002924/GN002907

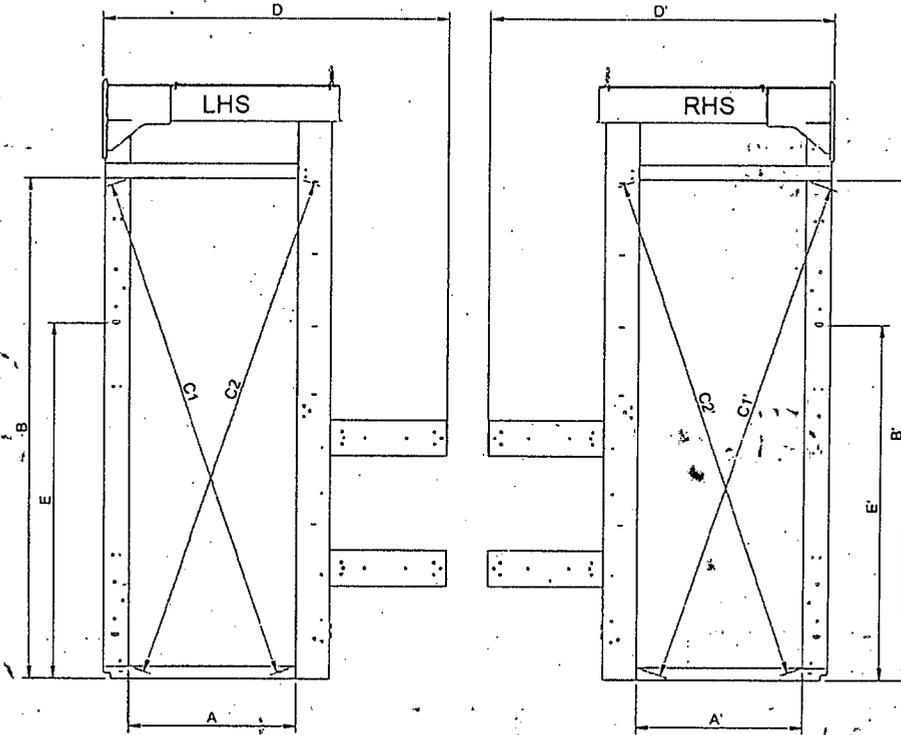
| | | | | | | |
|---|--------------------|-----------------|------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0065_0066 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>Glenn</i> | Assembly Date: | 2024/03/11 | | | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 552033 | | | |

Cabin LHS/RHS Door Post Assembly: GN002919/GN002897

| | | | | | | |
|---|--------------------|-----------------|------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0067_0078 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>Glenn</i> | Assembly Date: | 2024/03/11 | | | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 552033 | | | |

Cabin LHS/RHS Door Frame Assembly: GN002839

| | | | | | | |
|---|--------------|-----------------|------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0067_0078 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | Glenn | Assembly Date: | 2024/03/12 | | | |
| Sign: | <i>Glenn</i> | Wire Batch No.: | 552033 | | | |



Welding Control

| | | | | | | |
|--|------|-----------|-------------|-------------------------------------|------------|--------------------------|
| Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| QC Inspector: | Leon | Sign: | <i>Leon</i> | Date: | 2024/03/14 | |

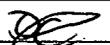
Dimensional Control

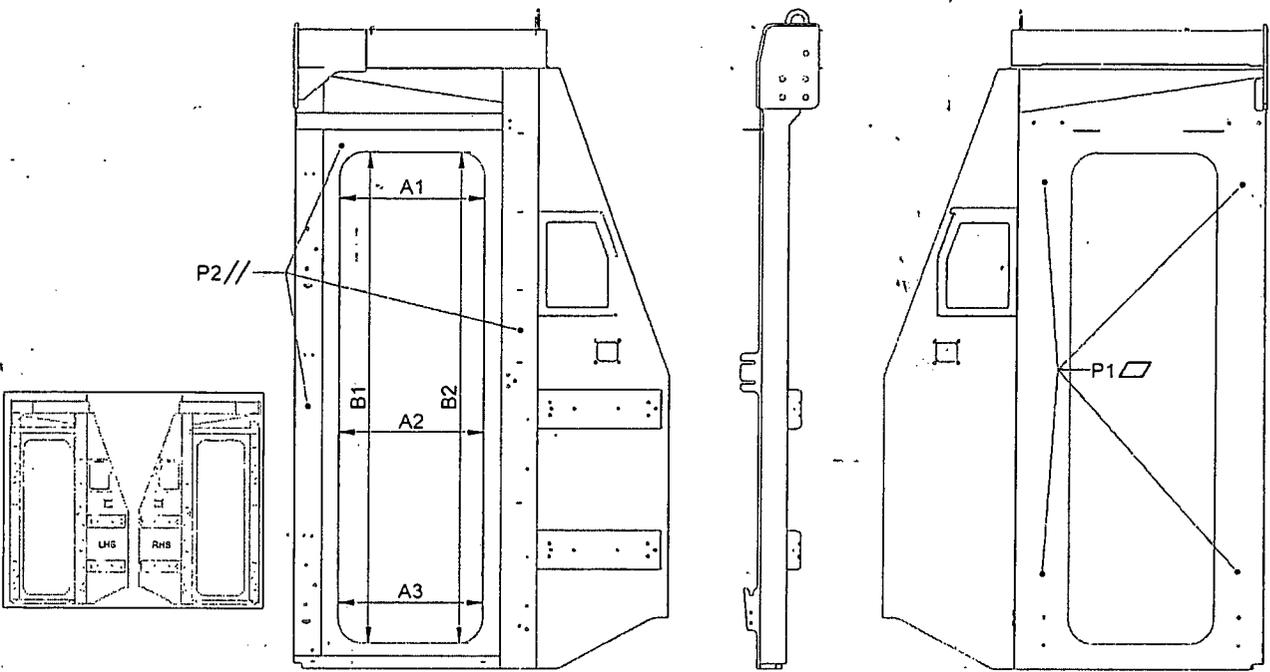
| Rep | Theoretical Dim | Toler. | Dimension Measured | | Measuring Equipment | Observations |
|---------------|---|--------|--------------------|------|---------------------|------------------|
| A | 695 | ± 2 | 695 | 695 | Tape Measure | Acceptable |
| B | 2086 | +1/-3 | 2086 | 2086 | | Acceptable |
| C1 / C2 | Difference of diagonals $ C1 - C2 \leq 3$ | | 2151 | 2152 | | Acceptable |
| $ C1 - C2 $ | | | 2151 | 2150 | | Acceptable |
| D | 1438 | +2/-3 | 1438 | 1437 | | Acceptable |
| E | | | 1483 | 1484 | Acceptable | |
| QC Inspector: | | Leon | Sign: | | <i>Leon</i> | Date: 2024/03/14 |

Geometrical Control

| Nature of checks | Dimension Measured | Measuring Equipment | Observations | |
|--------------------------|--------------------|---------------------|------------------------------------|--|
| P1 : planeity of 2 edges | 4 mm | Ruler | Acceptable | |
| QC Inspector: | | Leon | Sign: <i>Leon</i> Date: 2024/03/14 | |

Cabin LHS/RHS Side Assembly GN002838/GN002837

| | | | | | |
|---|---|-----------------|--------------------------------------|-------------------------------------|----|
| Assembly Completed as per WI/SOS MD_0044_0045 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| Operator: | Xander | Assembly Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> | | |
| Sign: |  | Wire Batch No.: | 552033 | | |



Welding Control

| | | | | | |
|---|------|-----------|--|-------------------------------------|--------------------------------------|
| Assembly Completed as per WI/SOS MD_0044_0045 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| QC Inspector: | Leon | Sign: |  | Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> |

Dimensional Control

| Rep | Theoretical Dim | Toler. | Dimension Measured | | Measuring Equipment | Observations |
|-----|-----------------|--------|--------------------|------|---------------------|--------------|
| A1 | 560 | ± 2 | 558 | 558 | Tape Measure | Acceptable |
| A2 | 560 | | 560 | 560 | | Acceptable |
| A3 | 560 | | 560 | 560 | | Acceptable |
| B1 | 1900 | ± 2 | 1898 | 1898 | | Acceptable |
| B2 | | | 1898 | 1898 | | Acceptable |

| | | | | | |
|---------------|------|-------|--|-------|--------------------------------------|
| QC Inspector: | Leon | Sign: |  | Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> |
|---------------|------|-------|--|-------|--------------------------------------|

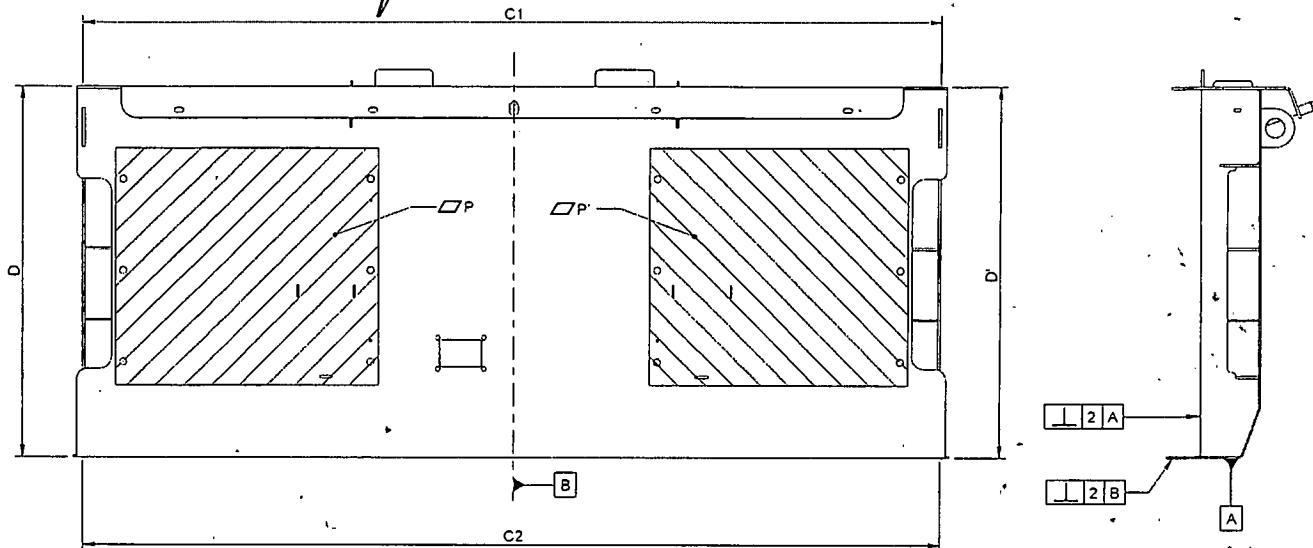
Geometrical Control

| Nature of checks | Dimension Measured | Measuring Equipment | Observations |
|------------------|--------------------|---------------------|--------------|
| P1: Planeity | 4 mm | Ruler | Acceptable |
| P2: Planeity | 2 mm | Ruler | Acceptable |

| | | | | | |
|---------------|------|-------|--|-------|--------------------------------------|
| QC Inspector: | Leon | Sign: |  | Date: | 20 <u>24</u> / <u>03</u> / <u>19</u> |
|---------------|------|-------|--|-------|--------------------------------------|

Cabin Shield Assembly: GN002836

| | | | | | | |
|--|------------------------|-----------------|-------------------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0043 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>DEVAN DAVENHILL</i> | Assembly Date: | 2024/03/19 | | | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 20503 552033 | | | |



Welding Control

| | | | | | | |
|--|-------------|-----------|--------------------|-------------------------------------|------------|--------------------------|
| Assembly Completed as per WI/SOS MD_0043 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| QC Inspector: | <i>LEON</i> | Sign: | <i>[Signature]</i> | Date: | 2024/03/19 | |

Dimensional Control

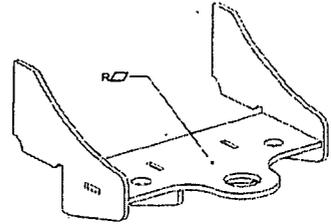
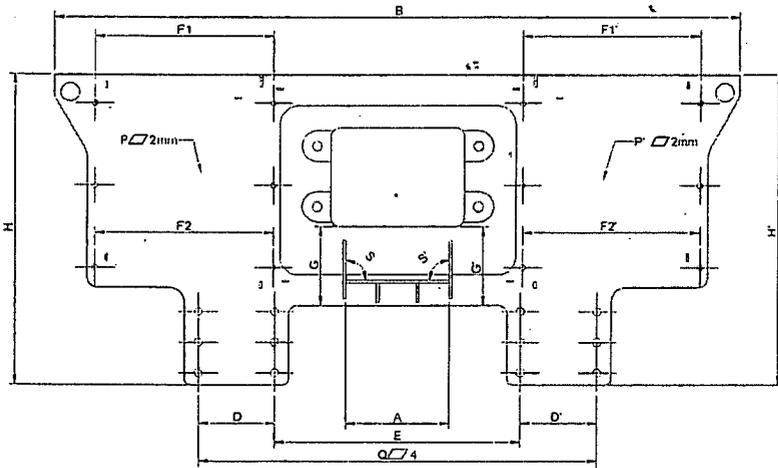
| Rep | Theoretical Dim | Toler. | Dimension measured | | Measuring Equipment | Observations |
|---------------|-----------------|--------|--------------------|--------------------|---------------------|-------------------|
| C1 / C2 | 2210 | ± 4 | <i>2212</i> | <i>2214</i> | Tape Measure | <i>Acceptable</i> |
| D / D' | 956 | ± 2 | <i>956</i> | <i>956</i> | | |
| QC Inspector: | <i>LEON</i> | | Sign: | <i>[Signature]</i> | Date: | 2024/03/19 |

Geometrical Control

| Nature of Checks | Dimension Measured | Measuring Equipment | Observations |
|------------------|--------------------|---------------------|---|
| Planarity P / P' | 2 mm | Ruler | <i>Passed</i> |
| Perpendicularity | 2 A | Set Square | <i>Passed</i> |
| | 2 B | Set Square | <i>Passed</i> |
| QC Inspector: | <i>LEON</i> | | Sign: <i>[Signature]</i> Date: 2024/03/19 |

Cabin Front Headstock Assembly: GN002841

| | | | | | |
|--|-----------------|-----------------|-------------------------------------|----|--|
| Assembly Completed as per WI/SOS MD_0019 | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Operator: <i>TK Booth</i> | Assembly Date: | <i>20/08/14</i> | | | |
| Sign: <i>[Signature]</i> | Wire Batch No.: | <i>552033</i> | | | |



Welding Control

| | | | | | |
|--|--------------------------|-------|-------------------------------------|----|--|
| Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042 | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| QC Inspector: <i>Leon</i> | Sign: <i>[Signature]</i> | Date: | <i>20/08/14</i> | | |

Dimensional Control

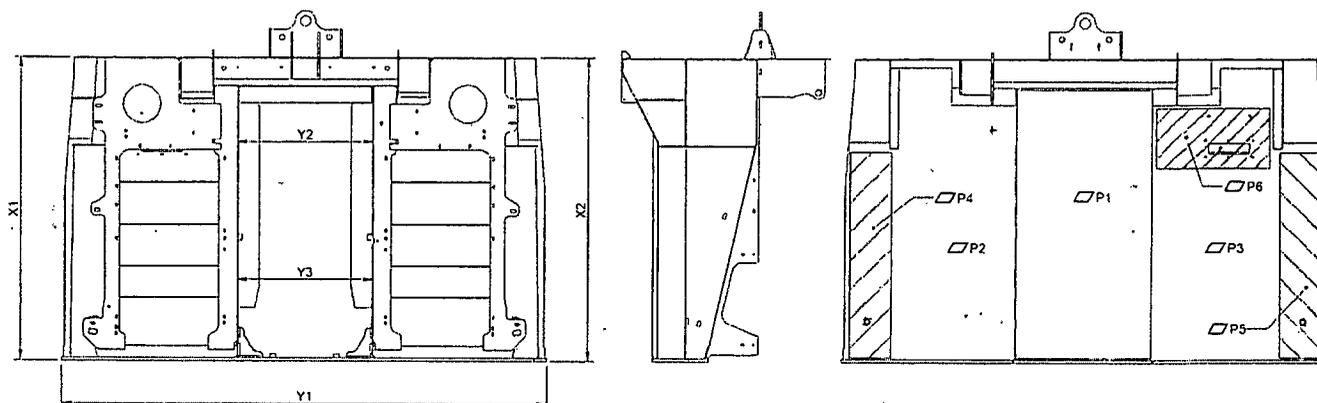
| Rep | Theoretical Dim | Toler. | Dimension Measured | | Measuring Equipment | Observations |
|---------------------------|--------------------------|--------|--------------------|-------------|---------------------|-------------------|
| A | 340 | ±1 | <i>340</i> | | Tape Measure | <i>Acceptable</i> |
| B | 2240 | ±4 | <i>2244</i> | | | <i>Acceptable</i> |
| D / D' | 250 | ±1 | <i>251</i> | <i>251</i> | | <i>Acceptable</i> |
| E | 808 | ±2 | <i>808</i> | | | <i>Acceptable</i> |
| F1 / F1' | 580 | ±1 | <i>581</i> | | | <i>Acceptable</i> |
| F2 / F2' | | | <i>581</i> | | | <i>Acceptable</i> |
| G / G' | 258 | ±1 | <i>258</i> | <i>258</i> | | <i>Acceptable</i> |
| H / H' | 1019 | ±2 | <i>1020</i> | <i>1020</i> | | <i>Acceptable</i> |
| QC Inspector: <i>Leon</i> | Sign: <i>[Signature]</i> | Date: | <i>20/08/14</i> | | | |

Geometrical Control

| Nature of checks | Dimension Measured | Measuring Equipment | Observations |
|---------------------------------|--------------------------|---------------------|-------------------|
| O: Planeity of global assembly | 4 mm | <i>Pass</i> | <i>Acceptable</i> |
| P / P': Planeity | 2 mm | <i>Pass</i> | <i>Acceptable</i> |
| Q: Planeity Surface of Supports | 4 mm | <i>Pass</i> | <i>Acceptable</i> |
| R: Planeity Coupler Support | 2 mm | <i>Pass</i> | <i>Acceptable</i> |
| S: Perpendicularity coupler | 1mm | <i>Pass</i> | <i>Acceptable</i> |
| QC Inspector: <i>Leon</i> | Sign: <i>[Signature]</i> | Date: | <i>20/08/14</i> |

Cabin Underframe Assembly: GN002835

| | | | | |
|--|---------------------|-----------------|------------|----|
| Assembly Completed as per WI/SOS MD_0042 | | Confirmed | Yes | No |
| Operator: | <i>Michael Wood</i> | Assembly Date: | 2024/03/19 | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 2202152 | |



Welding Control

| | | | | |
|--|-------------|-----------|--------------------|--|
| Assembly Completed as per WI/SOS MD_0042 | | Confirmed | Yes | <input checked="" type="checkbox"/> No |
| QC Inspector: | <i>LEON</i> | Sign: | <i>[Signature]</i> | Date: 2024/03/19 |

Dimensional Control

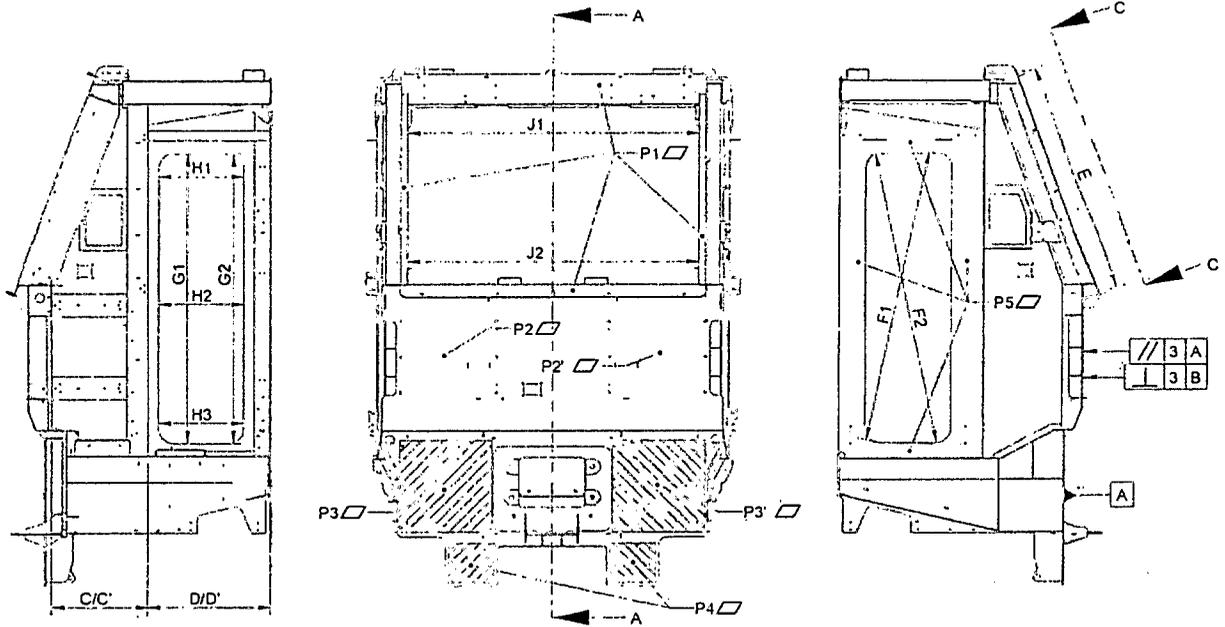
| Rep | Theoretical Dim | Toler. | Dimension Measured | | Measuring Equipment | Observations |
|---------------|-----------------|---------|--------------------|-------|---------------------|-----------------|
| X1 / X2 | 1485 | +5 / -2 | 1487 | 1486 | Tape Measure | <i>Accepted</i> |
| Y1 | 2354 | ± 3 | 2350 | | | <i>Accepted</i> |
| Y2 / Y3 | 666 | ± 1 | 664 | 668 | | <i>Accepted</i> |
| QC Inspector: | <i>LEON</i> | Sign: | <i>[Signature]</i> | Date: | 2024/03/19 | |

Geometrical Control

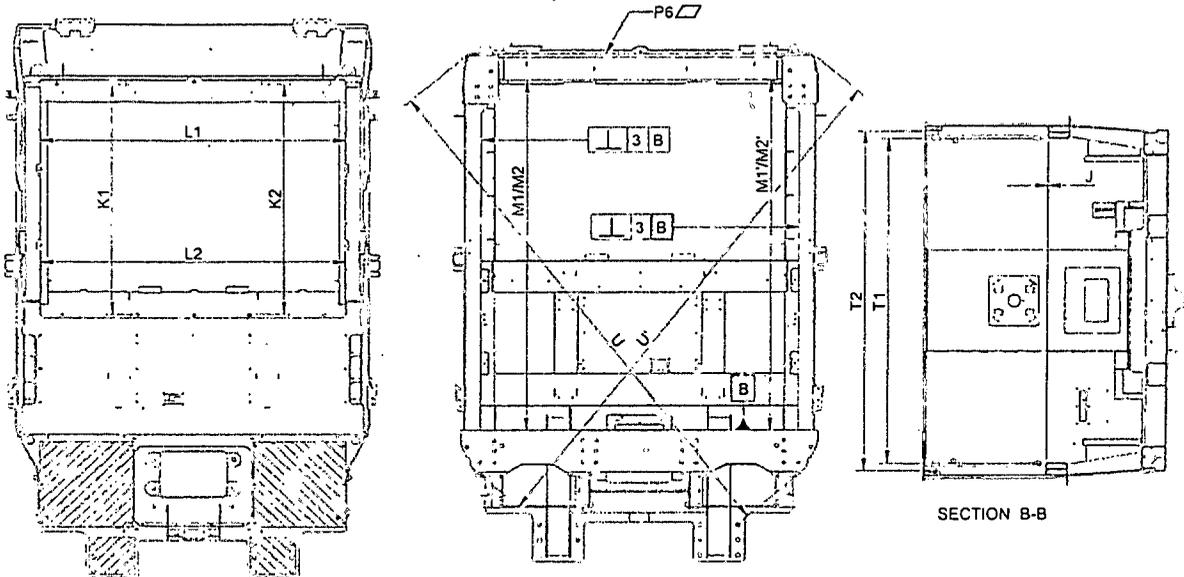
| Nature of checks | Dimension Measured | Measuring Equipment | Observations |
|--------------------|--------------------|---------------------|--------------------|
| P1 : Planéity | 4 mm | Ruler | <i>Accepted</i> |
| P2 / P3 : Planéity | 4 mm | Ruler | <i>Accepted</i> |
| P4 / P5 : Planéity | 2 mm | Ruler | <i>Accepted</i> |
| P6 : Planéity | 2 mm | Ruler | <i>Accepted</i> |
| QC Inspector: | <i>LEON</i> | Sign: | <i>[Signature]</i> |
| Date: | 2024/03/19 | | |

Cabin Structure Assembly: GN002834

| | | | | | |
|--|---|-----------------|--------------------------------------|---|----|
| Assembly Completed as per WI/SOS MD_0039 | | Confirmed | Yes | / | No |
| Operator: | CHARL BLOEM | Assembly Date: | 20 24 / 03 / 19 | | |
| Sign: |  | Wire Batch No.: | 652033 | | |



SECTION A-A



AUX VIEW: C

SECTION B-B

Welding Control

| | | | |
|--|-----------|------------------|--|
| Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042 | Confirmed | Yes | <input checked="" type="checkbox"/> No |
| QC Inspector: Riccardo | Sign: | Date: 2024/03/25 | |

Dimensional Control

| Rep | Theoretical Dim | Toler. | LHS / Dimension Measured / RHS | | Observations |
|------------|-------------------|--------|--------------------------------|-----------|--------------|
| C / C' | 625 | ±2 | 625 | 625 | acceptable |
| D / D' | 813 | ±2,5 | 812 | 812 | acceptable |
| E | 1531.5 | ±3 | 1532 | | acceptable |
| G1 / G'1 | Height 1900 | +1 | 1897 | 1897 | acceptable |
| G2 / G'2 | | -3 | 1897 | 1898 | acceptable |
| H1 / H'1 | Width 560 | +1 | 558 | 558 | acceptable |
| H2 / H'2 | | -3 | 559 | 559 | acceptable |
| H3 / H'3 | | | 559 | 560 | acceptable |
| F1 / F'1 | Diagonals 1939 | | 1937 | 1936 | acceptable |
| F2 / F'2 | | | 1937 | 1937 | acceptable |
| Difference | F1-F2 / F'1-F'2 | ≤ 4 | 0 | 1 | acceptable |
| J | Gap of Doors | ±1,5 | 1 | 1 | acceptable |
| K1 / K2 | 1515 | ±3 | 1514 | 1516 | acceptable |
| L1 / L2 | 1996 | ±3 | 1998 | 1997 | acceptable |
| M1 / M'1 | 2477 | ±3 | 2466 | 2477 2465 | acceptable |
| M2 / M'2 | | | 2478 | 2477 2477 | acceptable |
| T1 / T'1 | 2130 Top/Bottom | ±3 | 2128 | 2127 | acceptable |
| T2 / T'2 | 2230 Top/Bottom | | 2228 | 2230 | acceptable |
| Difference | U - U' (3522) | ≤ 4mm | 3524 | 3520 | acceptable |

| | | |
|------------------------|-------|------------------|
| QC Inspector: Riccardo | Sign: | Date: 2024/03/25 |
|------------------------|-------|------------------|

Geometrical Control

| Nature of checks | | Toler. | LHS / Dimension Measured / RHS | | Observations |
|------------------|----------|-----------------|--------------------------------|--------|--------------|
| P1 / P'1 | Planeity | 2 mm | Passed | | acceptable |
| P2 / P'2 | Planeity | 2 mm | Passed | | acceptable |
| P3 / P'3 | Planeity | 4 mm | Passed | | acceptable |
| P4 / P'4 | Planeity | 4 mm | Passed | | acceptable |
| P5 / P'5 | Planeity | 4 mm | Passed | | acceptable |
| P6 Roof | Planeity | 6 With 2m Ruler | Passed | | acceptable |
| Shield | // | 3 A | 3 | Passed | acceptable |
| Shield | ⊥ | 3 A | 3 | Passed | acceptable |
| Door Post | ⊥ | 3 A | Front | Passed | acceptable |
| | | | Back | Passed | acceptable |

| | | |
|------------------------|-------|------------------|
| QC Inspector: Riccardo | Sign: | Date: 2024/03/25 |
|------------------------|-------|------------------|

Cabin Bracket Assembly: GN002833

| | | | | | | |
|--|--------------------|-----------------|------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0091 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>Daniel</i> | Assembly Date: | 2024/08/25 | | | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 5507033 | | | |

Cabin Rivnut Assembly: GN002832

| | | | | | | |
|--|--------------------|-----------------|------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0092 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>SEYMEN</i> | Assembly Date: | 2024/08/25 | | | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | | | | |

| Shot Blasting | | | | | |
|---|------------|---------------------------------------|-------------------------------------|----|--|
| Shot Blasting Pre-Inspection | | | | | |
| All external threads masked | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Fasteners positioned in all Rivnuts and Bosses | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Masked as per GMS-SOS-GIBELA-CABIN-001 | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Operator: | DAVID | | Sign: | | |
| Date: | 2024/04/05 | | | | |
| Record of Shot Blasting | | | | | |
| Operator: | | Date: | 2024/04/05 | | |
| Start Time: | 08 H 15 | End Time: | 16 H 25 | | |
| Temperature (≥ 15°): | 19-07 °C | Humidity (≤ 75%): | 64-09 % | | |
| Shot Blasting Self-Inspection | | | | | |
| Interior of Cabin: Sa 1 - Light Stripping | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| When examined with the naked eye, the surface free of any trace of oil, grease and dirt, and from poorly adhering materials such as scale, rust, paint and foreign particles. | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Exterior of Cabin: Sa 2 1/2 - Very Thorough Stripping | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Operator: | DAVID | | Sign: | | |
| Date: | 2024/04/15 | | | | |
| Shot Blasting Cleaning | | | | | |
| Cabin free of all sand | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Operator: | | | Sign: | | |
| Date: | 2024/04/15 | | | | |
| Shot Blasting Control | | | | | |
| Temperature ≥ 15°: | 22-04 °C | Humidity ≤ 75%: | 66-02 % | | |
| Internal Roughness 3.2 ≤ Ra ≤ 12.5 | 7.804 | External Roughness 3.2 ≤ Ra ≤ 12.5 | 8.034 | | |
| QC Inspector: | Reice | | Sign: | | |
| Date: | 18/04/24 | | | | |

RA = 7.204 - RZ = 40.074
 RA = 5.623 - RZ = 33.980
 RA = 6.533 - RZ = 40.269
 RA = 6.753 - RZ = 33.159
 RA = 7.097 - RZ = 40.765
 RA = 7.462 - RZ = 42.163
 RA = 5.789 - RZ = 30.942
 RA = 4.391 - RZ = 31.694
 RA = 7.342 - RZ = 40.804
 RA = 7.109 - RZ = 38.261

RA 8.034 - RZ 48.152
 RA 7.245 - RZ 44.745
 RA 5.387 - RZ 35.182
 RA 7.583 - RZ 52.085
 RA 7.608 - RZ 46.665
 RA 7.134 - RZ 46.384
 RA 6.716 - RZ 36.892
 RA 6.129 - RZ 40.541
 RA 6.101 - RZ 36.111
 RA 7.809 - RZ 41.435

| Record of Priming | | | |
|-------------------------------|----------|------------------------|----------|
| Start Time: | 00:30 | End Time: | 03:00 |
| Temperature $\geq 15^\circ$: | 31°C | Humidity $\leq 75\%$: | 62% |
| Paint Batch No.: | 7978267 | Paint Expiry Date: | 06/25 |
| Hardener Batch No.: | 733119 | Hardener Expiry Date: | 01-11-24 |
| Desolvation Start Time: | 03:00 | Desolvation End Time: | 03:15 |
| Stoving Start Time: | 03:15 | Stoving End Time: | 04:15 |
| Stoving Temp: | 60°C | | |
| Operator: | Mnutunko | Sign: | |
| Date: | 20/04/15 | | Mnutunko |

| Priming Control | | | | | | | |
|--|-------------|-------------------|---------|-------------------|---------|-------------------------------------|---------|
| DFT Interior RHS | | DFT Interior LHS | | DFT Floor | | DFT Interior Front | |
| 1: 75.3 | 5: 39.9 | 1: 72.3 | 5: 42.8 | 1: 58.9 | 5: 54.7 | 1: 65.9 | 5: 68.4 |
| 2: 63.1 | 6: 48.8 | 2: 65.5 | 6: 53.0 | 2: 40.3 | 6: 41.4 | 2: 73.7 | 6: 69.3 |
| 3: 71.0 | 7: 54.7 | 3: 80.4 | 7: 61.8 | 3: 59.1 | 7: 52.2 | 3: 48.1 | 7: 50.2 |
| 4: 47.2 | 8: 66.2 | 4: 46.6 | 8: 57.6 | 4: 56.5 | 8: 65.6 | 4: 87.5 | 8: 49.2 |
| Min: | 47.2 | Min: | 42.8 | Min: | 40.3 | Min: | 48.1 |
| Max: | 75.3 | Max: | 80.4 | Max: | 65.6 | Max: | 87.5 |
| Average: | 58.1 | Average: | 65.1 | Average: | 53.5 | Average: | 63.7 |
| DFT Interior Roof | | DFT Exterior LHS | | DFT Exterior RHS | | DFT Underside | |
| 1: 44.8 | 5: 68.8 | 1: 45.3 | 5: 41.9 | 1: 46.5 | 5: 79.6 | 1: 71.4 | 5: 50.0 |
| 2: 76.9 | 6: 53.6 | 2: 58.1 | 6: 62.8 | 2: 44.0 | 6: 70.7 | 2: 72.5 | 6: 75.2 |
| 3: 51.0 | 7: 45.4 | 3: 54.2 | 7: 72.7 | 3: 55.9 | 7: 62.8 | 3: 66.4 | 7: 58.1 |
| 4: 69.1 | 8: 67.0 | 4: 64.5 | 8: 63.8 | 4: 86.6 | 8: 53.7 | 4: 87.3 | 8: 47.2 |
| Min: | 44.8 | Min: | 41.9 | Min: | 44.0 | Min: | 47.2 |
| Max: | 76.9 | Max: | 72.7 | Max: | 86.6 | Max: | 87.3 |
| Average: | 59.5 | Average: | 57.9 | Average: | 62.4 | Average: | 61.0 |
| DFT Exterior Front | | DFT Exterior Roof | | DFT Machined Base | | DFT Machined Top RHS/LHS | |
| 1: 54.1 | 5: 62.8 | 1: 34.5 | 5: 56.6 | 1: 49.4 | 5: 34.1 | 1: 46.9 | 5: 34.8 |
| 2: 41.9 | 6: 68.7 | 2: 69.4 | 6: 70.7 | 2: 72.3 | 6: 48.2 | 2: 87.1 | 6: 43.3 |
| 3: 73.0 | 7: 88.9 | 3: 55.6 | 7: 86.5 | 3: 41.2 | 7: 65.4 | 3: 62.0 | 7: 55.5 |
| 4: 79.0 | 8: 50.6 | 4: 67.8 | 8: 71.3 | 4: 57.5 | 8: 43.0 | 4: 69.7 | 8: 70.2 |
| Min: | 41.9 | Min: | 34.5 | Min: | 34.1 | Min: | 34.8 |
| Max: | 88.9 | Max: | 86.5 | Max: | 72.3 | Max: | 87.7 |
| Average: | 56.2 | Average: | 64.0 | Average: | 51.3 | Average: | 58.6 |
| Primer has been inspected and is free of defects | | | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| QC Inspector: | Zotnik | | | Sign: | | | |
| Date: | 16 Apr 2024 | | | | | | |

Record of Painting NCSS3010 R90B

| | | | |
|-------------------------|-------------|-----------------------|----------|
| Start Time: | 09:00 | End Time: | 10:00 |
| Temperature ≥ 15°: | 29°C | Humidity ≤ 75%: | 62% |
| Paint Batch No.: | 8196598 | Paint Expiry Date: | 16-02-25 |
| Hardener Batch No.: | 8138193 113 | Hardener Expiry Date: | 11/26 |
| Desolvation Start Time: | 10:00 | Desolvation End Time: | 10:15 |
| Stoving Start Time: | 10:15 | Stoving End Time: | 11:15 |
| Stoving Temp: | 60°C | | |
| Operator: ✓ | M. J. J. | Sign: | M. J. J. |
| Date: | 20/04/2024 | | |

Painting NCSS3010 R90B Control

| DFT Interior Door Aperture RHS | | DFT Interior Door Aperture LHS | | GMS-SOS-GIBELA-PS-001 Adhesion Test (attach test tape) | | | |
|--|---------------|--------------------------------|--------|---|---|--|--|
| 1: 937 | 5: 843 | 1: 114 | 5: 123 | | | | |
| 2: 112 | 6: 128 | 2: 97.7 | 6: 110 | | | | |
| 3: 104 | 7: 137 | 3: 108 | 7: 100 | | | | |
| 4: 129 | 8: 126 | 4: 109 | 8: 131 | | | | |
| Min: 843 | Min: 97.7 | | | | | | |
| Max: 137 | Max: 131 | | | | | | |
| Average: 114 | Average: 111 | | | | | | |
| Painting NCSS3010 R90B has been inspected and is free of defects | | | | | | | |
| GMS-SOS-GIBELA-PS-002 Gloss Test | | | | Value | | | |
| QC Inspector: | Zohle | | | Sign: |  | | |
| Date: | 19 April 2024 | | | | | | |

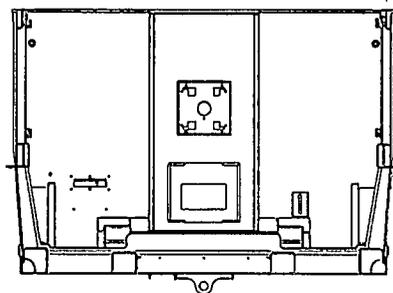
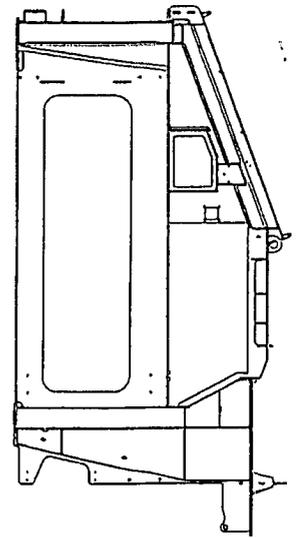
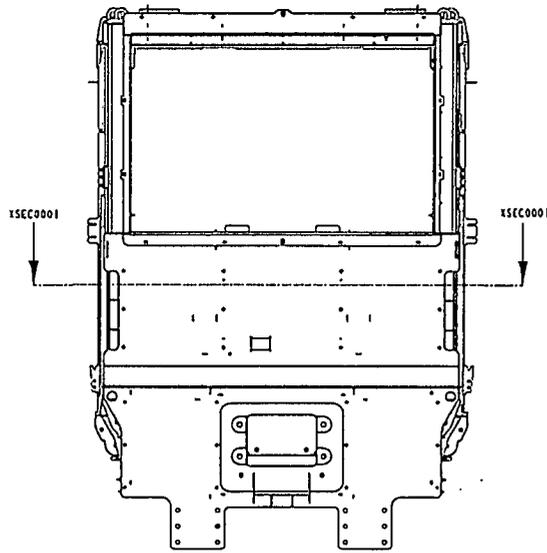
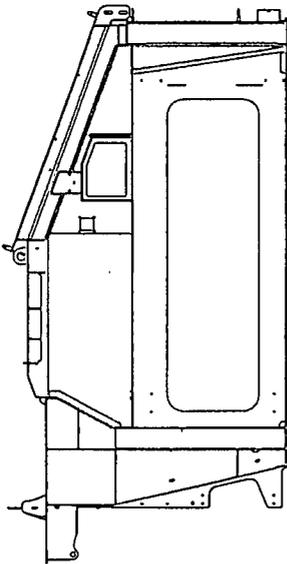
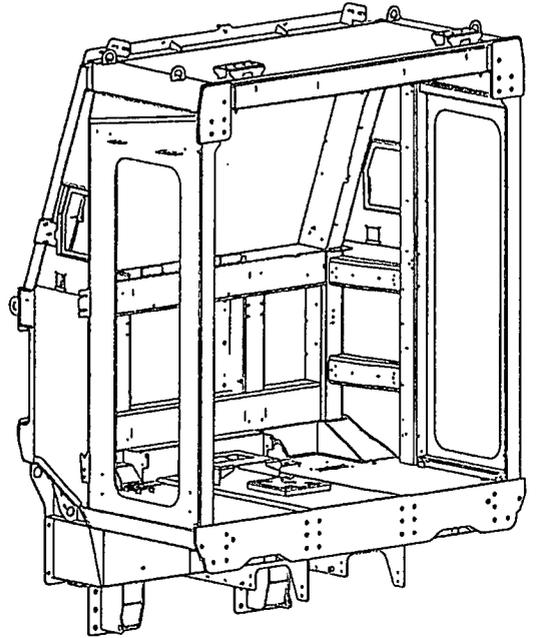
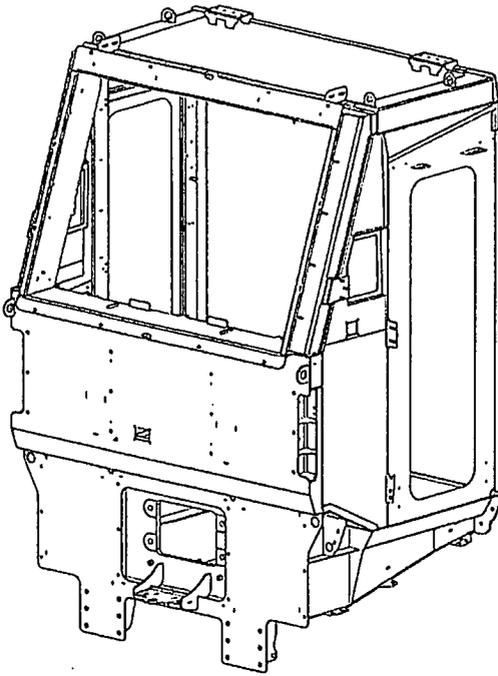
| Record of Painting Blue NCSS1565/B | | | |
|------------------------------------|--------------|-----------------------|----------|
| Start Time: | 12:00 | End Time: | 13:00 |
| Temperature ≥ 15°: | 30°C | Humidity ≤ 75%: | 37% |
| Paint Batch No.: | 8216288 | Paint Expiry Date: | 27-03-25 |
| Hardener Batch No.: | 9138193 11.3 | Hardener Expiry Date: | 11/26 |
| Desolvation Start Time: | 13:00 | Desolvation End Time: | 13:15 |
| Stoving Start Time: | 13:15 | Stoving End Time: | 14:15 |
| Stoving Temp: | 60°C | | |
| Operator: | MUSA | Sign: | moloena |
| Date: | 2024/04/20 | | |

| Painting Blue NCSS1565/B Control | | | | | | |
|--|---------|--------------------------------|---------|--|------|-----------|
| DFT Exterior Door Aperture RHS | | DFT Exterior Door Aperture LHS | | GMS-SOS-GIBELA-PS-001 Adhesion Test (attach test tape) | | |
| 1: 98.5 | 5: 84.4 | 1: 125 | 5: 104 | | | |
| 2: 89.6 | 6: 106 | 2: 98.8 | 6: 98.0 | | | |
| 3: 108 | 7: 111 | 3: 128 | 7: 125 | | | |
| 4: 125 | 8: 91.0 | 4: 136 | 8: 117 | | | |
| Min: | 84.4 | Min: | 98.0 | | | |
| Max: | 125 | Max: | 136 | | | |
| Average: | 101 | Average: | 116 | | | |
| Painting NCSS3010 R90B has been inspected and is free of defects | | | | | | Confirmed |
| GMS-SOS-GIBELA-PS-002 Gloss Test | | | | Value | 91.2 | |
| QC Inspector: | | Zothile | | Sign: | | |
| Date: | | 19 Apr 2024 | | | | |

| Record of RAL7012 | | | | | | | |
|--|-------------|-------------------|---------|-------------------------------------|---|-------------------------------------|--------|
| Start Time: | 02:00 | | | End Time: | 05:00 | | |
| Temperature $\geq 15^{\circ}$: | 27°C | | | Humidity $\leq 75\%$: | 62% | | |
| Paint Batch No.: | 8196598 | | | Paint Expiry Date: | 23-02-2025 | | |
| Hardener Batch No.: | 8138193113 | | | Hardener Expiry Date: | 11/26 | | |
| Desolvation Start Time: | 05:00 | | | Desolvation End Time: | 05:15 | | |
| Stoving Start Time: | 05:15 | | | Stoving End Time: | 06:15 | | |
| Stoving Temp: | 60°C | | | | | | |
| Operator: | Mtuthu ko | | | Sign: |  | | |
| Date: | 2024/04/19 | | | | | | |
| RAL7012 Control | | | | | | | |
| DFT Interior RHS | | DFT Interior LHS | | DFT Floor | | DFT Interior Front | |
| 1: 144 | 5: 100 | 1: 94.0 | 5: 98.7 | 1: 83.6 | 5: 94.2 | 1: 159 | 5: 143 |
| 2: 128 | 6: 129 | 2: 112 | 6: 84.6 | 2: 91.1 | 6: 187 | 2: 126 | 6: 131 |
| 3: 139 | 7: 104 | 3: 133 | 7: 108 | 3: 104 | 7: 133 | 3: 91.8 | 7: 147 |
| 4: 126 | 8: 116 | 4: 124 | 8: 128 | 4: 116 | 8: 141 | 4: 128 | 8: 122 |
| Min: | 100 | Min: | 84.6 | Min: | 83.6 | Min: | 91.8 |
| Max: | 144 | Max: | 128 | Max: | 141 | Max: | 159 |
| Average: | 123 | Average: | 111 | Average: | 112 | Average: | 130 |
| DFT Interior Roof | | DFT Exterior LHS | | DFT Exterior RHS | | DFT Underside | |
| 1: 129 | 5: 137 | 1: 137 | 5: 110 | 1: 126 | 5: 127 | 1: 135 | 5: 146 |
| 2: 144 | 6: 129 | 2: 129 | 6: 139 | 2: 143 | 6: 133 | 2: 129 | 6: 117 |
| 3: 128 | 7: 92.7 | 3: 114 | 7: 129 | 3: 129 | 7: 104 | 3: 139 | 7: 122 |
| 4: 91.4 | 8: 122 | 4: 108 | 8: 124 | 4: 114 | 8: 126 | 4: 127 | 8: 104 |
| Min: | 91.4 | Min: | 108 | Min: | 104 | Min: | 104 |
| Max: | 144 | Max: | 139 | Max: | 143 | Max: | 146 |
| Average: | 121 | Average: | 107 | Average: | 125 | Average: | 127 |
| DFT Exterior Front | | DFT Exterior Roof | | GMS-SOS-GIBELA-PS-001 Adhesion Test | | | |
| 1: 98.6 | 5: 74.9 | 1: 122 | 5: 91.1 | | | | |
| 2: 122 | 6: 136 | 2: 84.6 | 6: 79.0 | | | | |
| 3: 120 | 7: 104 | 3: 86.5 | 7: 92.6 | | | | |
| 4: 119 | 8: 108 | 4: 84.4 | 8: 78.2 | | | | |
| Min: | 74.9 | Min: | 78.2 | | | | |
| Max: | 136 | Max: | 122 | | | | |
| Average: | 110 | Average: | 89.6 | | | | |
| Painting NCSS3010 R90B has been inspected and is free of defects | | | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| GMS-SOS-GIBELA-PS-002 Gloss Test | | | | Value | 89.8 | | |
| QC Inspector: | Zothule | | | Sign: |  | | |
| Date: | 20 Apr 2024 | | | | | | |
| SEALING OF CABIN | | | | | | | |
| All areas where there is no welding has been sealed with SIKA | | | | Confirmed | YES | <input checked="" type="checkbox"/> | NO |
| All sealants have been neatly applied along joints | | | | Confirmed | YES | <input checked="" type="checkbox"/> | NO |
| SIGN OFF | | | | | | | |
| CLOCK No: | 2400 | OPERATOR SIGN: | APHILLE | DATE: | 20/04/2024 | | |

REWORK IDENTIFICATION

(MARK SECTIONS EFFECTED NUMERICALLY)







CABIN STRUCTURE QUALITY HOT CHECKLIST

| | | | |
|---------------------|------|------------------------|-----------------|
| Running No.: | | Updated By: | Jonathan Chetty |
| Frame No.: | 0457 | Checks Updated: | 2022/08/26 |

| | | |
|------------------------|---|----------------------------|
| Disposition Key | 0 | Pass |
| | X | Fail (Concession required) |
| | Δ | Rework required |

| No. | Description of inspection | Disposition | Validation after rework | | Sign |
|-----|--|-------------|-------------------------|-------------|------|
| | | | Repairer | Disposition | |
| 1 | WELDS ARE CLOSED | 0 | | | |
| 2 | NO PIN HOLES ON CAB STRUCTURE | 0 | | | |
| 3 | SEALANT IS APPLIED CORRECTLY <ul style="list-style-type: none"> JOINTS ARE CLOSED NO BREAKS IN THE SEALANT CORRECT BEAD | 0 | | | |
| 4 | RIVET NUTS ARE PROPERLY CRIMPED <ul style="list-style-type: none"> RIVETS ARE MARKED CORRECT GRIP RANGE USED | 0 | | | |
| 5 | NO MISS WELDS PRESENT AFTER SANDBLASTING | 0 | | | |
| 6 | NO VISUAL MISS WELDS (INSPECTION AFTER SEALING) | 0 | | | |
| 7 | <u>NO PAINT IN THREADS</u> | 0 | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |

| | | |
|-------------------------------------|----------------|-------------|
| Quality approval for release | CO. NO: | DATE |
| | 2285 | 20/04/2024 |