

CABIN STRUCTURE
QUALITY CARD

CAB No.: CAB 4 6 6

WEIGHT: 1 4 8 4 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 104825 01 | LP49902 | |
| RCS 355 | 2 mm | | | | | |
| RCS 355 | 2 mm | | | | | |

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|---------|--------------------|
| RCS 355 | 3 mm | Pegasus | 14/02/24 | 178820 104640 01 | F205272 | |
| RCS 355 | 3 mm | | | | | |
| RCS 355 | 3 mm | | | | | |

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|---------|--------------------|
| RCS 355 | 20 mm | Pegasus | 08/02/2024 | 178488 104640 01 | P300091 | |
| RCS 355 | 20 mm | | | | | |


| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|--------------|--|--------------------|
| RCS 355 | 30 mm | Pegasus | 12/02/2024 | | | |
| RCS 355 | 30 mm | | | | | |

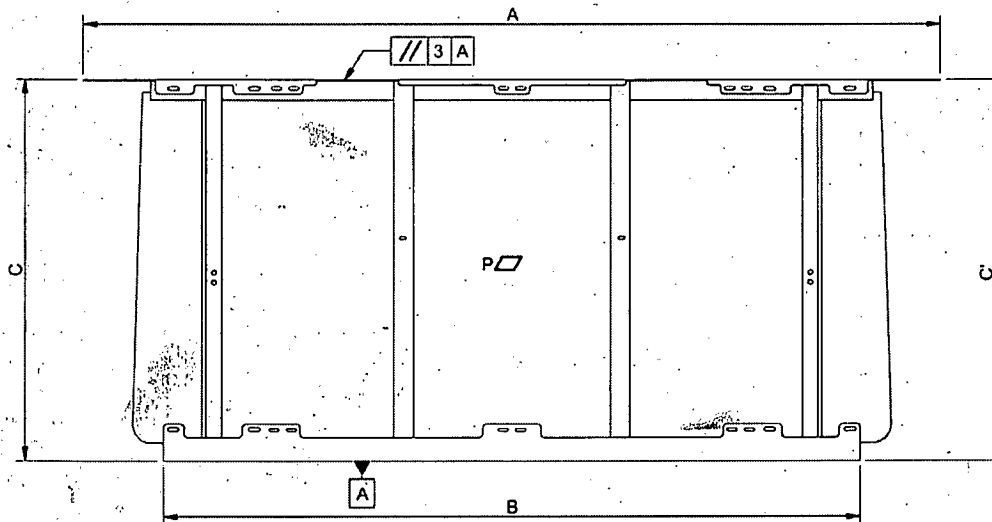
| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|-----------|--------------------|
| RCS 450 | 4 mm | Pegasus | 08/02/2024 | 128489 104640 01 | VHC 35578 | |
| RCS 450 | 4 mm | | | | | |
| RCS 450 | 4 mm | | | | | |
| RCS 450 | 4 mm | | | | | |

| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|----------------------|--------------------|
| RCS 450 | 6 mm | Pegasus | 14/02/2024 | 178815 104640 01 | F207905 VHC 28402 | |
| RCS 450 | 6 mm | | | | | |
| RCS 450 | 6 mm | | | | | |


| GRADE | MATERIAL THICKNESS | SUPPLIER | DATE RECEIVED | BATCH NUMBER | | TRAINSET NUMBER(S) |
|---------|--------------------|----------|---------------|------------------|----------------------|--------------------|
| RCS 450 | 8 mm | Pegasus | 22/11/23 | 175564 102206 01 | F207906 VHS 58432 | |
| RCS 450 | 8 mm | | | | | |
| RCS 450 | 8 mm | | | | | |
| RCS 450 | 8 mm | | | | | |

Cabin Roof Assembly: GN002839

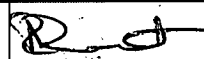
| | | | | |
|--|---|-----------------|-------------|--|
| Assembly Completed as per WI/SOS MD_0046 | | Confirmed | Yes | <input checked="" type="checkbox"/> No |
| Operator: | DYLAN DAVIDS | Assembly Date: | 20 24/04/12 | |
| Sign: |  | Wire Batch No.: | 107238201 | |



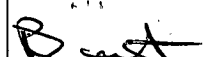
Welding Control

| | | | | |
|--|----------|-----------|--|--|
| Visual inspection of all Welds as per Drawing and EN ISO 5817/EN ISO 10042 | | Confirmed | Yes | <input checked="" type="checkbox"/> No |
| QC Inspector: | Riccardo | Sign: |  | Date: 20 24/04/12 |

Dimensional Control

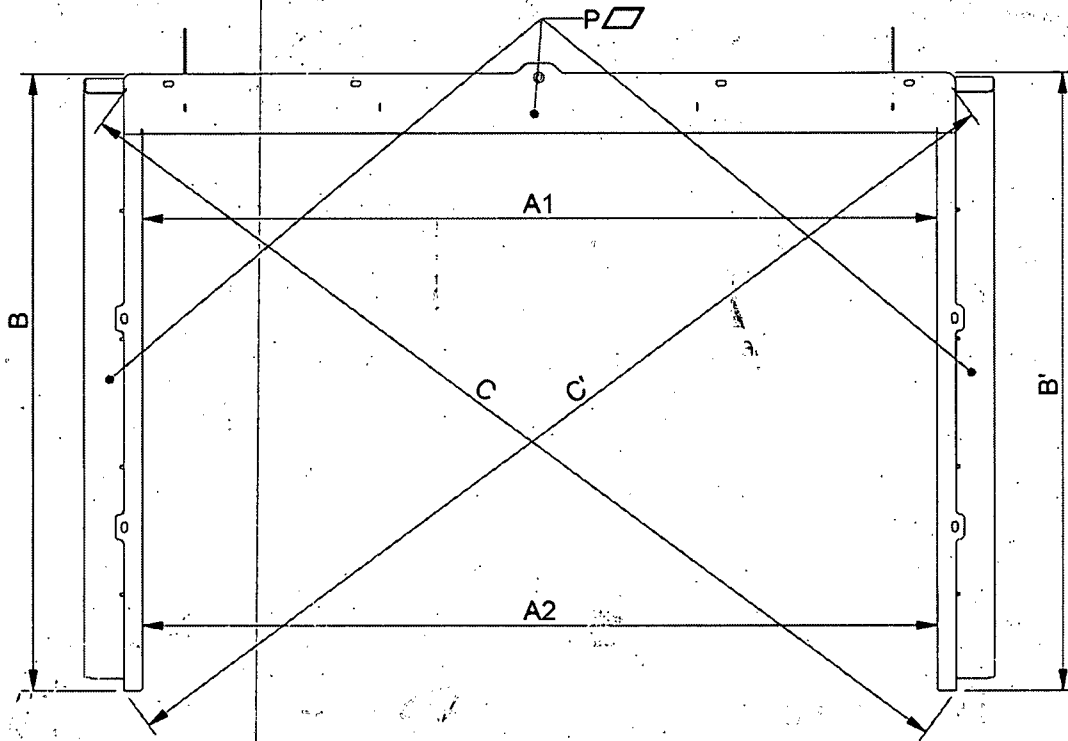
| Rep | | Toler. | Dimension measured | | Measuring Equipment | Observations | |
|---------------|------|----------|--------------------|-------|--|--------------|------------|
| A | 2216 | +5/-0 | 2216 | | Tape Measure | acceptable | |
| B | 1800 | ± 4 | 1800 | | | acceptable | |
| C | 976 | +2/-3 | 976 | 976 | | acceptable | |
| QC Inspector: | | Riccardo | | Sign: |  | Date: | 2024/04/12 |

Geometrical Control

| Nature of Checks | | Dimension Measured | | Measuring Equipment | Observations |
|------------------|----------|--------------------|--------|--|-------------------|
| Planarity P | 6 mm | Passed | | Ruler | acceptable |
| // | 3 | A | Passed | Set Square | acceptable |
| QC Inspector: | Riccardo | | Sign: |  | Date: 20 24/04/12 |

Cabin Front Frame Assembly: GN002840

| | | | | | | |
|--|---------------------|-----------------|--------------------------------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0047 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>Ramiro Guman</i> | Assembly Date: | 20 <i>24</i> / <i>04</i> / <i>12</i> | | | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | <i>SS1033</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>Riccardo</i> | Sign: | <i>[Signature]</i> | Date: | 20__/__/__ | |

Dimensional Control

| Rep | Theoretical Dim | Toler | Dimension Measured | | Measuring Equipment | Observations | |
|---------------|------------------------|----------|--------------------|-------|---------------------|--------------|------------|
| A1 | 1910 | ± 2 | 1910 | | Tape Measure | acceptable | |
| A2 | 1910 | | 1911 | | | acceptable | |
| B | 1475 | ± 1 | 1475 | 1474 | | acceptable | |
| C | Diagonals C - C' ≤ 3 | | 2474 | 2476 | | acceptable | |
| QC Inspector: | | Riccardo | | Sign: | Riccardo | Date: | 2024/04/12 |

Geometrical Control

| Nature of checks | Dimension Measured | Measuring Equipment | Observations |
|------------------|--------------------|---------------------|--------------------|
| P : Planeity | 4 mm | <i>Passel</i> | <i>acceptable</i> |
| QC Inspector: | <i>Riccardo</i> | Sign: | <i>[Signature]</i> |
| | | Date: | <i>2024/04/12</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 | |
| Operator: TK Booth | Assembly Date: | 2024/05/03 | | | |
| Sign: [Signature] | Wire Batch No.: | 552033 | | | |

Cabin LHS/RHS Cantrail Assembly: GN002924/GN002907

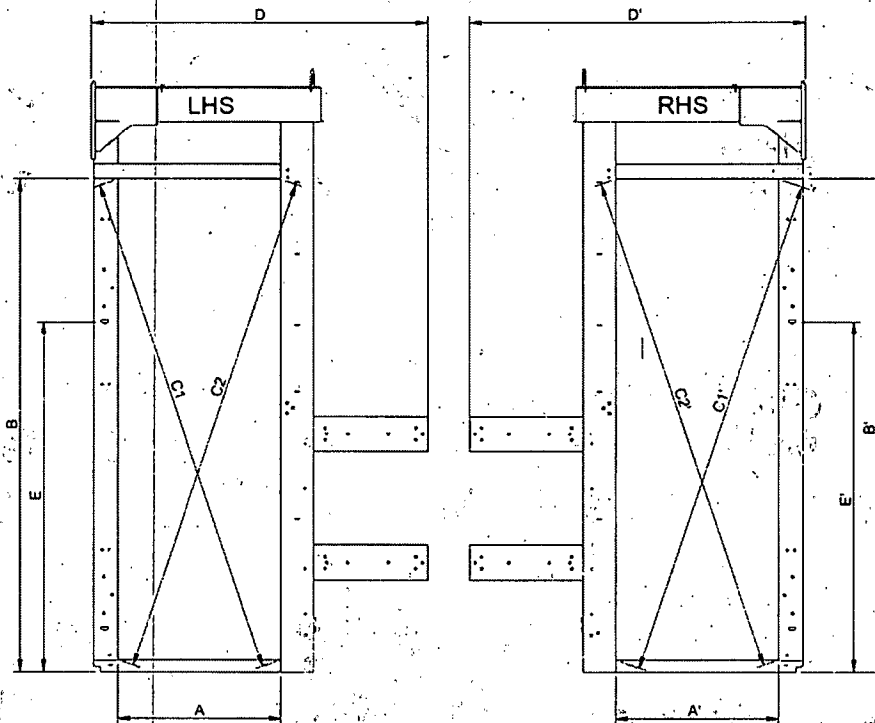
| | | | | | |
|---|-----------------|------------|-------------------------------------|----|--|
| Assembly Completed as per WI/SOS MD_0065_0066 | Confirmed | Yes | <input checked="" type="checkbox"/> | No | |
| Operator: Glenn | Assembly Date: | 2024/04/03 | | | |
| Sign: [Signature] | Wire Batch No.: | 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 | |
| Operator: Glenn | Assembly Date: | 2024/04/03 | | | |
| Sign: [Signature] | 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 |
| Operator: | Glenn | Assembly Date: | 2024/04/04 | | |
| Sign: | <i>[Signature]</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 |
| QC Inspector: | Riccardo | Sign: | <i>[Signature]</i> | Date: | 2024/04/05 |

Dimensional Control

| Rep | Theoretical Dim | Toler. | Dimension Measured | | Measuring Equipment | Observations |
|-------------|---|--------|--------------------|------|---------------------|--------------|
| A | 695 | ± 2 | 696 | 697 | Tape Measure | acceptable |
| B | 2086 | +1/-3 | 2086 | 2085 | | acceptable |
| C1 / C2 | Difference of diagonals $ C1 - C2 \leq 3$ | | 2153 | 2152 | | acceptable |
| $ C1 - C2 $ | | | 2153 | 2152 | | acceptable |
| D | 1438 | +2/-3 | 1438 | 1437 | | acceptable |
| E | | | | 1484 | | |

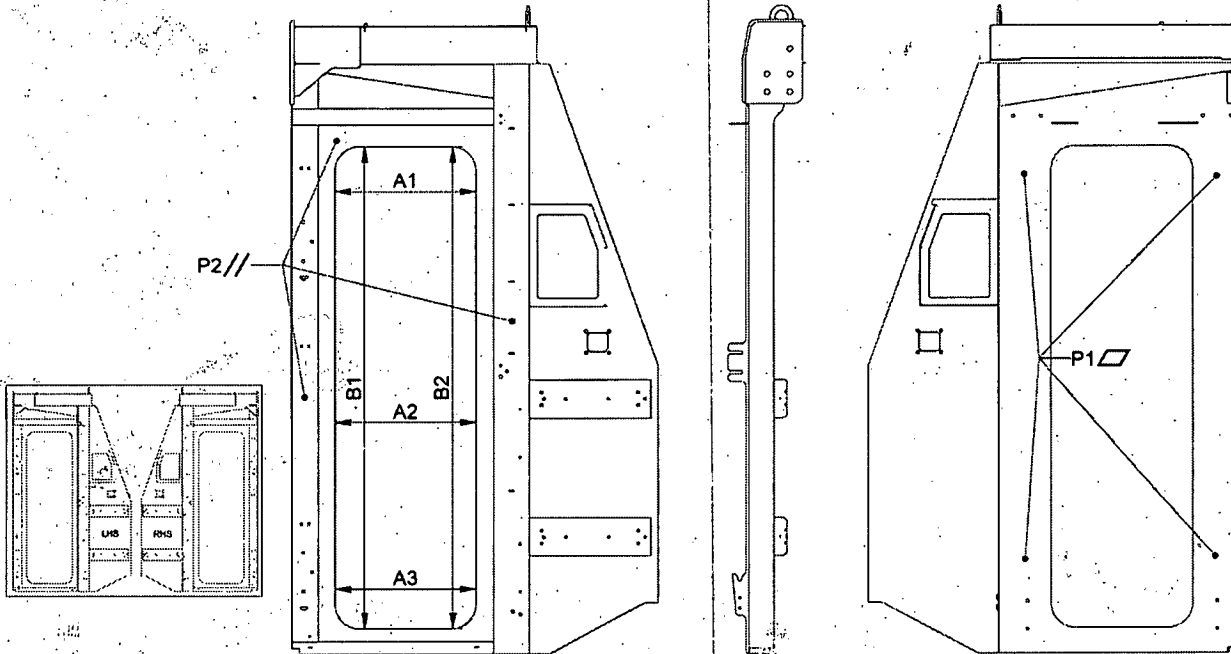
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|---------------|----------|-------|--------------------|-------|------------|
| QC Inspector: | Riccardo | Sign: | <i>[Signature]</i> | Date: | 2024/04/05 |
|---------------|----------|-------|--------------------|-------|------------|

Geometrical Control

| Nature of checks | | Dimension Measured | Measuring Equipment | Observations |
|--------------------------|----------|--------------------|---------------------|------------------|
| P1 : planeity of 2 edges | 4 mm | Passed | Ruler | acceptable |
| QC Inspector: | Riccardo | Sign: | <i>[Signature]</i> | Date: 2024/04/05 |

Cabin LHS/RHS Side Assembly: GN002838/GN002837

| | | | | | | |
|---|---------------|-----------------|------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0044_0045 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | Brian Nguwane | Assembly Date: | 2024/09/09 | | | |
| Sign: | | Wire Batch No.: | SS 2033 | | | |



Welding Control

| | | | | | | |
|---|----------|-----------|-----|-------------------------------------|------------|--------------------------|
| Assembly Completed as per WI/SOS MD_0044_0045 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| QC Inspector: | Riccardo | Sign: | | Date: | 2024/09/12 | |

Dimensional Control

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

| | | | | | | |
|---------------|----------|-------|--|-------|------------|--|
| QC Inspector: | Riccardo | Sign: | | Date: | 2024/09/12 | |
|---------------|----------|-------|--|-------|------------|--|

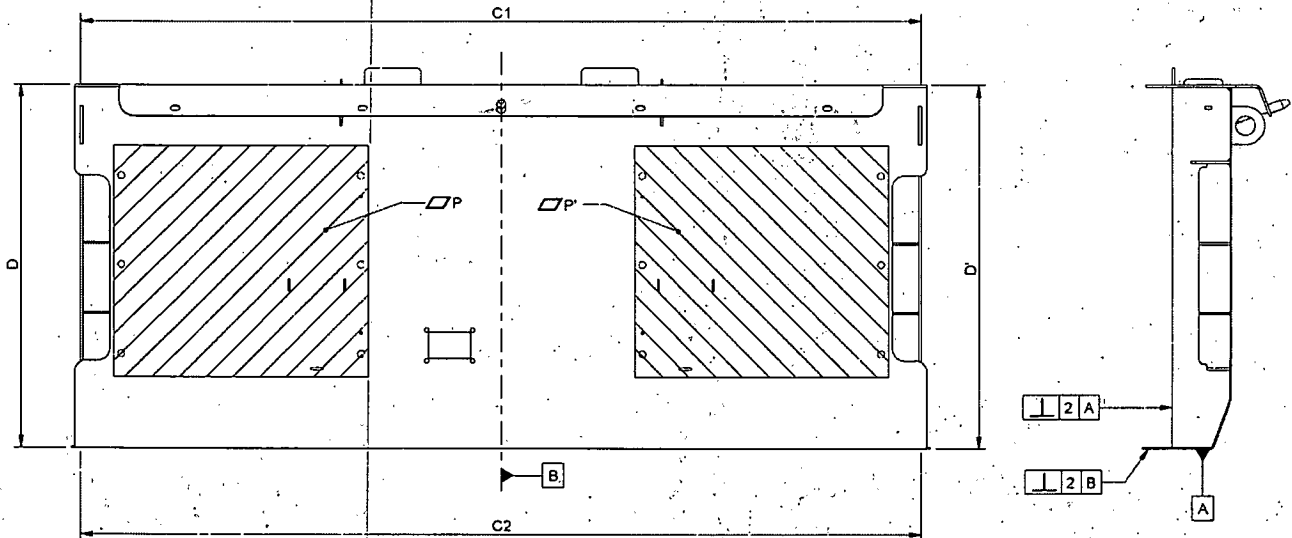
Geometrical Control

| Nature of checks | | Dimension Measured | Measuring Equipment | Observations |
|------------------|------|--------------------|---------------------|--------------|
| P1: Planarity | 4 mm | Passed | Ruler | acceptable |
| P2: Planarity | 2 mm | Passed | Ruler | acceptable |

| | | | | | | |
|---------------|----------|-------|--|-------|------------|--|
| QC Inspector: | Riccardo | Sign: | | Date: | 2024/09/12 | |
|---------------|----------|-------|--|-------|------------|--|

Cabin Shield Assembly: GN002836

| | | | | | | |
|--|--------------|-----------------|--------------------------------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0043 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | <i>Brian</i> | Assembly Date: | 20 <u>24</u> / <u>04</u> / <u>12</u> | | | |
| Sign: | <i>R. P.</i> | Wire Batch No.: | SS 2023 | | | |



Welding Control

| | | | | | | |
|--|-----------------|-----------|-----------------|-------------------------------------|--------------------------------------|--------------------------|
| Assembly Completed as per WI/SOS MD_0043 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| QC Inspector: | <i>Riccardo</i> | Sign: | <i>Riccardo</i> | Date: | 20 <u>24</u> / <u>04</u> / <u>12</u> | |

Dimensional Control

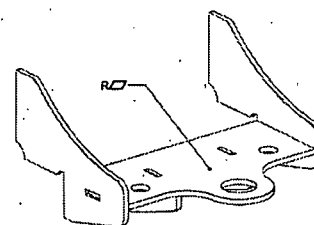
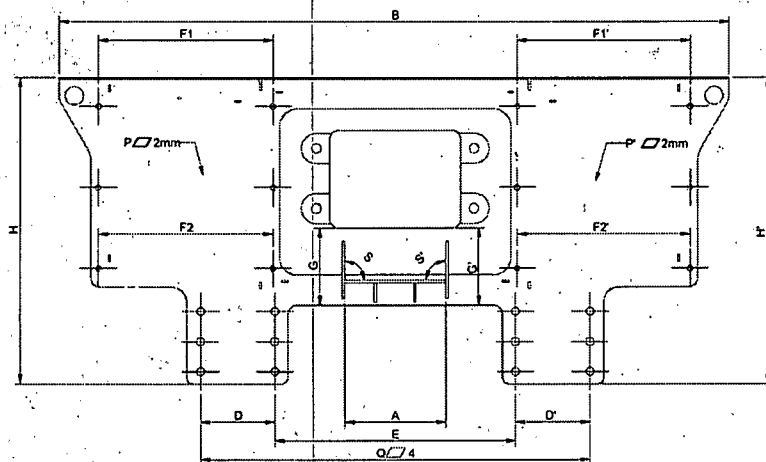
| Rep | Theoretical Dim | Toler. | Dimension measured | | Measuring Equipment | Observations |
|---------------|-----------------|--------|--------------------|-------------|--------------------------------------|-------------------|
| C1 / C2 | 2210 | ± 4 | <i>2214</i> | <i>2212</i> | Tape Measure | <i>acceptable</i> |
| D / D' | 956 | ± 2 | <i>956</i> | <i>956</i> | | <i>acceptable</i> |
| QC Inspector: | <i>Riccardo</i> | Sign: | <i>Riccardo</i> | Date: | 20 <u>24</u> / <u>04</u> / <u>12</u> | |

Geometrical Control

| Nature of Checks | | | Dimension Measured | Measuring Equipment | Observations |
|------------------|-----------------|-------|--------------------|---------------------|--------------------------------------|
| Planeity P / P' | | 2 mm | <i>PASSED</i> | Ruler | <i>acceptable</i> |
| Perpendicularity | | 2 | <i>PASSED</i> | Set Square | <i>acceptable</i> |
| | | 2 | <i>PASSED</i> | Set Square | <i>acceptable</i> |
| QC Inspector: | <i>Riccardo</i> | Sign: | <i>Riccardo</i> | Date: | 20 <u>24</u> / <u>04</u> / <u>12</u> |

Cabin Front Headstock Assembly: GN002841

| | | | | |
|--|--------------------|-----------------|------------|----|
| Assembly Completed as per WI/SOS MD_0019 | | Confirmed | Yes | No |
| Operator: | <i>T. B. B. B.</i> | Assembly Date: | 2024/04/09 | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 55203 | |



| Welding Control | | | | |
|--|--|-----------|-----|----|
| Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN-ISO 10042 | | Confirmed | Yes | No |

QC Inspector: *Riccardo* Sign: *[Signature]* Date: 2024/04/09

| Dimensional Control | | | | | |
|---------------------|-----------------|--------|--------------------|------|--------------|
| Rep | Theoretical Dim | Toler. | Dimension Measured | | Observations |
| A | 340 | ± 1 | 340 | | acceptable |
| B | 2240 | ± 4 | 2244 | | acceptable |
| D / D' | 250 | ± 1 | 250 | 250 | acceptable |
| E | 808 | ± 2 | 808 | | acceptable |
| F1 / F1' | 580 | ± 1 | 581 | 581 | acceptable |
| F2 / F2' | | | 581 | 581 | acceptable |
| G / G' | 258 | ± 1 | 258 | 258 | acceptable |
| H / H' | 1019 | ± 2 | 1020 | 1020 | acceptable |

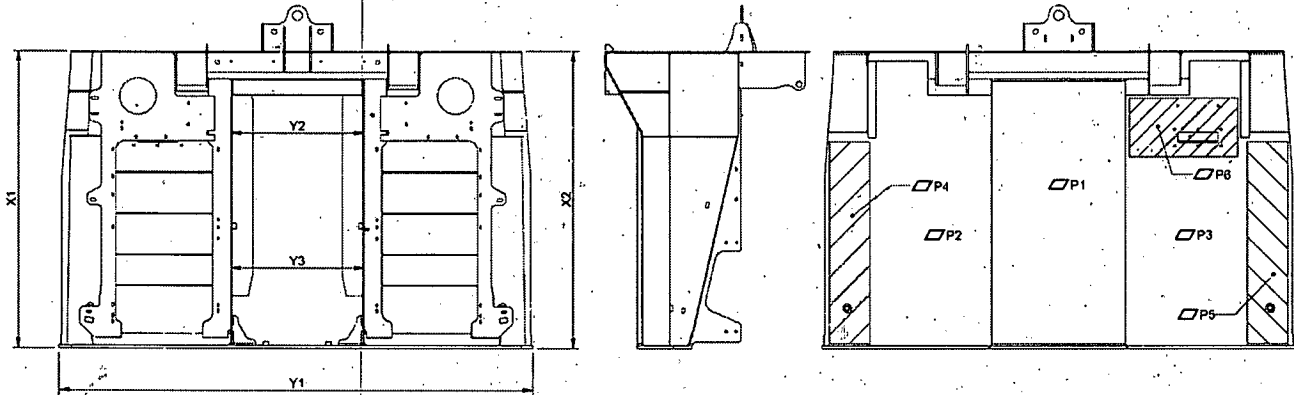
QC Inspector: *Riccardo* Sign: *[Signature]* Date: 2024/04/09

| Geometrical Control | | | | |
|---------------------------------|--------------------|---------------------|--------------|------------|
| Nature of checks | Dimension Measured | Measuring Equipment | Observations | |
| O: Planeity of global assembly | 4 mm | Passed | Ruler | acceptable |
| P / P': Planeity | 2 mm | Passed | Ruler | acceptable |
| Q: Planeity Surface of Supports | 4 mm | Passed | Ruler | acceptable |
| R: Planeity Coupler Support | 2 mm | Passed | Ruler | acceptable |
| S: Perpendicularity coupler | 1mm | Passed | Square | acceptable |

QC Inspector: *Riccardo* Sign: *[Signature]* Date: 2024/04/09

Cabin Underframe Assembly: GN002835

| | | | | |
|--|---------------------|-----------------|------------|----|
| Assembly Completed as per WI/SQS MD_0042 | | Confirmed | Yes | No |
| Operator: | <i>Michael Wood</i> | Assembly Date: | 2024/04/11 | |
| Sign: | <i>[Signature]</i> | Wire Batch No.: | 2702152 | |



Welding Control

| | | | | |
|--|-----------------|-----------|--------------------|------------------|
| Assembly Completed as per WI/SQS MD_0042 | | Confirmed | Yes | No |
| QC Inspector: | <i>Riccardo</i> | Sign: | <i>[Signature]</i> | Date: 2024/04/11 |

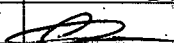
Dimensional Control

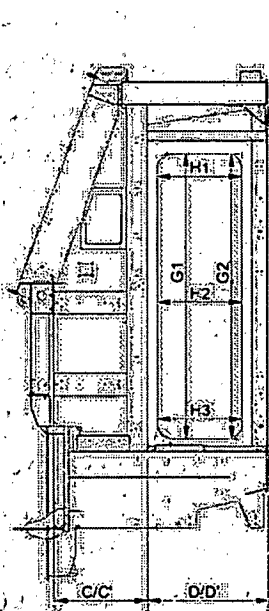
| Rep | Theoretical Dim | Toler. | Dimension Measured | | Measuring Equipment | Observations |
|---------------|-----------------|-----------------|--------------------|------|---------------------|------------------|
| X1 / X2 | 1485 | +5 / -2 | 1486 | 1486 | Tape Measure | acceptable |
| Y1 | 2354 | ± 3 | | | | |
| Y2 / Y3 | 666 | ± 1 | 667 | 667 | | acceptable |
| QC Inspector: | | <i>Riccardo</i> | Sign: | | <i>[Signature]</i> | Date: 2024/04/11 |

Geometrical Control

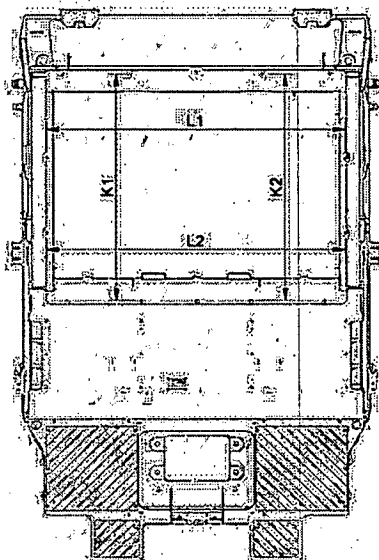
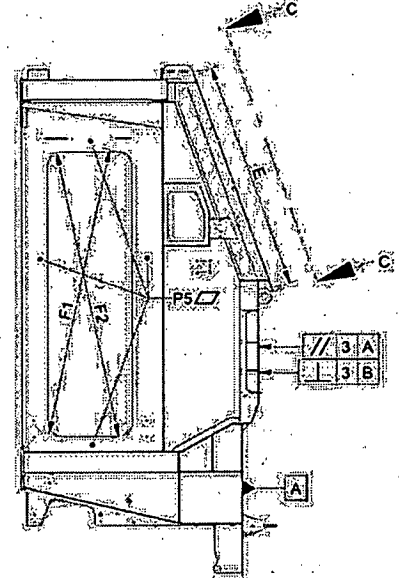
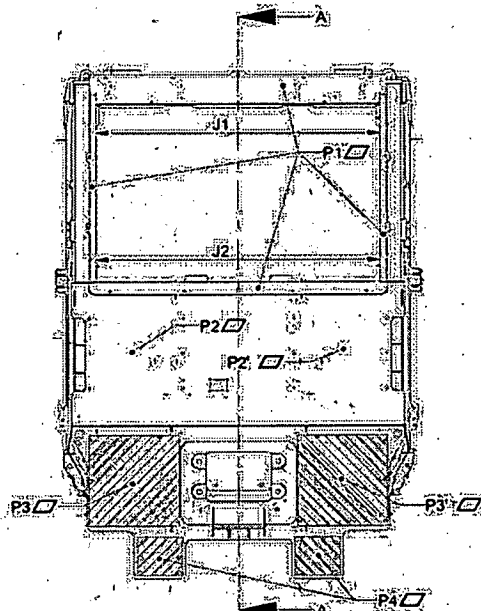
| Nature of checks | | Dimension Measured | Measuring Equipment | Observations | | |
|--------------------|------|--------------------|---------------------|--------------|--------------------|------------------|
| P1 : Planeity | 4 mm | <i>Passed</i> | Ruler | acceptable | | |
| P2 / P3 : Planeity | 4 mm | <i>Passed</i> | Ruler | acceptable | | |
| P4 / P5 : Planeity | 2 mm | <i>Passed</i> | Ruler | acceptable | | |
| P6 : Planeity | 2 mm | <i>Passed</i> | Ruler | acceptable | | |
| QC Inspector: | | <i>Riccardo</i> | Sign: | | <i>[Signature]</i> | Date: 2024/04/11 |

Cabin Structure Assembly: GN002834

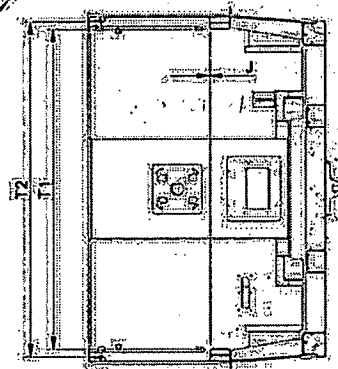
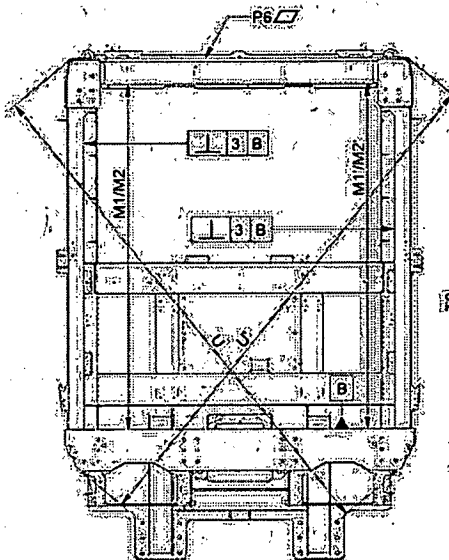
| | | | | | | |
|--|---|-----------------|----------------|-------------------------------------|----|--------------------------|
| Assembly Completed as per WI/SOS MD_0039 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Operator: | Chad Bloom | Assembly Date: | 20 24 / Oct 12 | | | |
| Sign: |  | Wire Batch No.: | 552033 | | | |



SECTION A-A

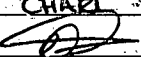


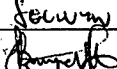
AUX VIEW: C


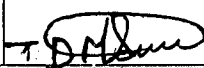

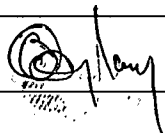


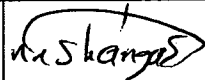

SECTION B-B

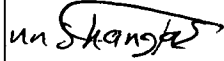

| Welding Control | | | | | | | | | |
|--|-------------------|----------|--------------------------------|-----------------|--------------------------------|-------|--------------|------------------|--|
| Visual inspection of all Welds as per Drawing and EN ISO 5817 / EN ISO 10042 | | | | Confirmed | | Yes | | No | |
| QC Inspector: | | Riccardo | | Sign: | | B. A. | | Date: 2024/04/16 | |
| Dimensional Control | | | | | | | | | |
| Rep | Theoretical Dim | Toler. | LHS / Dimension Measured / RHS | | Observations | | | | |
| C / C' | 625 | ± 2 | 625 | 625 | acceptable | | | | |
| D / D' | 813 | ± 2,5 | 813 | 813 | acceptable | | | | |
| E | 1531.5 | ± 3 | 1531 | | acceptable | | | | |
| G1 / G'1 | Height | +1 | 1899 | 1897 | acceptable | | | | |
| G2 / G'2 | 1900 | -3 | 1898 | 1898 | acceptable | | | | |
| H1 / H'1 | Width 560 | +1 -3 | 558 | 559 | acceptable | | | | |
| H2 / H'2 | | | 559 | 559 | acceptable | | | | |
| H3 / H'3 | | | 559 | 559 | acceptable | | | | |
| F1 / F'1 | Diagonals 1939 | | 1936 | 1936 | acceptable | | | | |
| F2 / F'2 | | | 1935 | 1934 | acceptable | | | | |
| Difference | F1-F2 / F'1-F'2 | ≤ 4 | 1 | 2 | acceptable | | | | |
| J | Gap of Doors | ± 1,5 | 1 | 0 | acceptable | | | | |
| K1 / K2 | 1515 | ± 3 | 1515 | 1514 | acceptable | | | | |
| L1 / L2 | 1996 | ± 3 | 1997 | 1996 | acceptable | | | | |
| M1 / M'1 | 2306 | ± 3 | 2466 | 2467 | acceptable | | | | |
| M2 / M'2 | | | 2476 | 2478 | acceptable | | | | |
| T1 / T'1 | 2130 Top/Bottom | ± 3 | 2128 | 2129 | acceptable | | | | |
| T2 / T'2 | 2230 Top/Bottom | | 2232 | 2229 | acceptable | | | | |
| Difference | U - U' (3522) | ≤ 4mm | 3521 | 3522 | acceptable | | | | |
| QC Inspector: | | Riccardo | | Sign: | | B. A. | | Date: 2024/04/16 | |
| 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: | | B. A. | | Date: 2024/04/16 | |

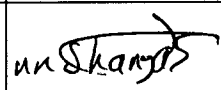

| Cabin Bracket Assembly: GN002833 | | | | | |
|--|---|-----------------|------------|-------------------------------------|----|
| Assembly Completed as per WI/SOS MD_0091 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| Operator: | CHARL BLOEM | Assembly Date: | 2024/04/15 | | |
| Sign: |  | Wire Batch No.: | 552033 | | |

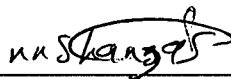
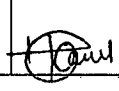
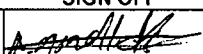
| Cabin Rivnut Assembly: GN002832 | | | | | |
|--|---|-----------------|------------|--------------------------|----|
| Assembly Completed as per WI/SOS MD_0092 | | Confirmed | Yes | <input type="checkbox"/> | No |
| Operator: | Securmy | Assembly Date: | 2024/04/15 | | |
| Sign: |  | Wire Batch No.: | | | |

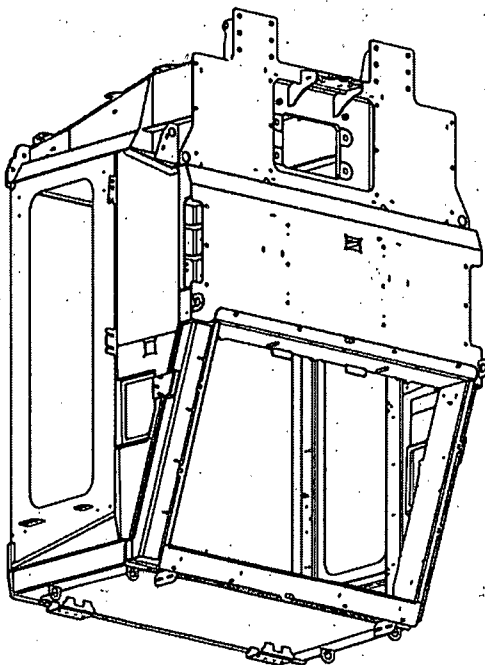
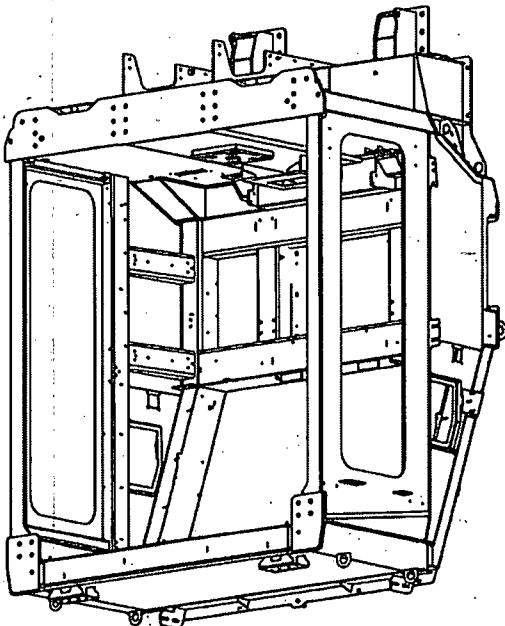
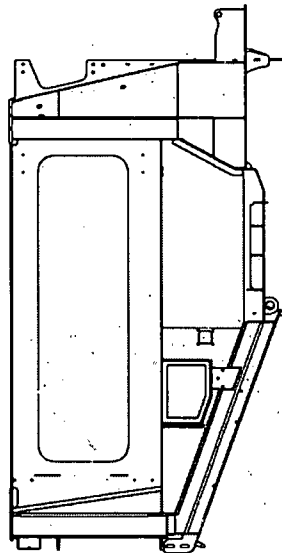
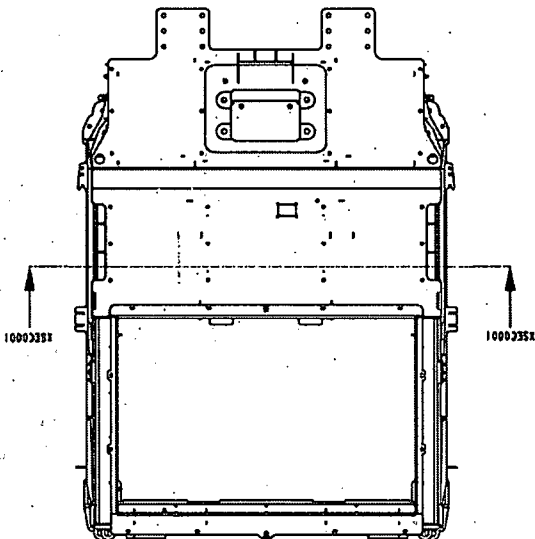
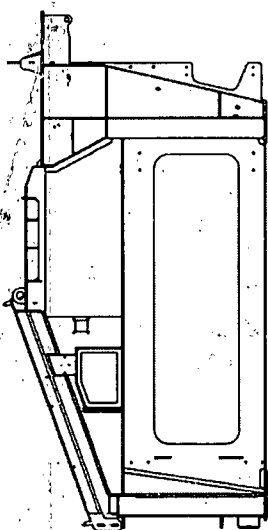
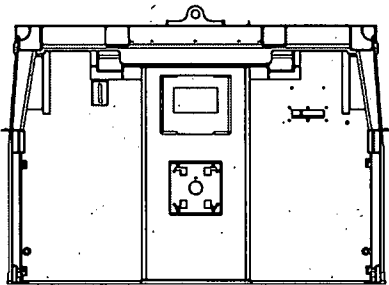
| Shot Blasting | | | | | |
|---|------------|---|------------|---|----|
| Shot Blasting Pre-Inspection | | | | | |
| All external threads masked | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| Fasteners positioned in all Rivnuts and Bosses | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| Masked as per GMS-SOS-GIBELA-CABIN-001 | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| Operator: | DAVID | Sign: | |  | |
| Date: | 2024/05/02 | | | | |
| Record of Shot Blasting | | | | | |
| Operator: | | Date: | 2024/05/02 | | |
| Start Time: | 09 H39 | End Time: | 16 H31 | | |
| Temperature ($\geq 15^{\circ}$): | 30-05°C | Humidity ($\leq 75\%$): | 60-04% | | |
| 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: | 2024/05/02 | | | | |
| Shot Blasting Cleaning | | | | | |
| Cabin free of all sand | | Confirmed | Yes | <input checked="" type="checkbox"/> | No |
| Operator: | DAVID | Sign: | |  | |
| Date: | 2024/05/02 | | | | |
| Shot Blasting Control | | | | | |
| Temperature $\geq 15^{\circ}$: | 21-04°C | Humidity $\leq 75\%$: | 69-01% | | |
| Internal Roughness $3.2 \leq Ra \leq 12.5$ | | External Roughness $3.2 \leq Ra \leq 12.5$ | | | |
| QC Inspector: | 2073 | Sign: | |  | |
| Date: | 24/05/24 | | | | |

| Record of Priming | | | | | | | |
|--|---------|-------------------|---------|------------------------|---------|---|-----------------------------|
| Start Time: | | 20:00 | | End Time: | | 22:00 | |
| Temperature $\geq 15^{\circ}$: | | 27°C | | Humidity $\leq 75\%$: | | 62% | |
| Paint Batch No.: | | 8016059 | | Paint Expiry Date: | | 08/25 | |
| Hardener Batch No.: | | 73311/9 | | Hardener Expiry Date: | | 01/11/2024 | |
| Desolvation Start Time: | | 22:00 | | Desolvation End Time: | | 22:15 | |
| Stoving Start Time: | | 22:15 | | Stoving End Time: | | 23:15 | |
| Stoving Temp: | | 60°C | | | | | |
| Operator: | | Methuko | | Sign: | |  | |
| Date: | | 2024/05/02 | | | | | |
| Priming Control | | | | | | | |
| DFT Interior RHS | | DFT Interior LHS | | DFT Floor | | DFT Interior Front | |
| 1: 43.1 | 5: 77.1 | 1: 71.8 | 5: 78.5 | 1: 76.9 | 5: 70.6 | 1: 68.7 | 5: 56.4 |
| 2: 63.3 | 6: 74.4 | 2: 69.6 | 6: 51.2 | 2: 49.0 | 6: 68.2 | 2: 57.8 | 6: 42.3 |
| 3: 45.4 | 7: 48.8 | 3: 58.9 | 7: 62.9 | 3: 73.2 | 7: 79.5 | 3: 54.1 | 7: 45.9 |
| 4: 55.6 | 8: 52.3 | 4: 46.7 | 8: 66.5 | 4: 41.6 | 8: 72.3 | 4: 68.4 | 8: 50.7 |
| Min: | 43.1 | Min: | 46.7 | Min: | 41.6 | Min: | 42.3 |
| Max: | 74.4 | Max: | 78.5 | Max: | 79.5 | Max: | 68.7 |
| Average: | 58.7 | Average: | 62.6 | Average: | 55.1 | Average: | 55.5 |
| DFT Interior Roof | | DFT Exterior LHS | | DFT Exterior RHS | | DFT Underside | |
| 1: 59.0 | 5: 48.9 | 1: 61.5 | 5: 79.3 | 1: 44.2 | 5: 57.9 | 1: 43.3 | 5: 60.4 |
| 2: 61.0 | 6: 54.4 | 2: 75.6 | 6: 41.8 | 2: 47.5 | 6: 38.2 | 2: 67.8 | 6: 53.0 |
| 3: 44.8 | 7: 51.7 | 3: 64.7 | 7: 51.2 | 3: 54.8 | 7: 53.5 | 3: 50.6 | 7: 70.7 |
| 4: 57.3 | 8: 56.0 | 4: 58.8 | 8: 47.2 | 4: 69.1 | 8: 40.3 | 4: 73.0 | 8: 76.4 |
| Min: | 44.5 | Min: | 41.8 | Min: | 38.2 | Min: | 43.3 |
| Max: | 61.0 | Max: | 79.3 | Max: | 69.1 | Max: | 76.4 |
| Average: | 52.7 | Average: | 60.5 | Average: | 53.6 | Average: | 59.8 |
| DFT Exterior Front | | DFT Exterior Roof | | DFT Machined Base | | DFT Machined Top RHS/LHS | |
| 1: 77.7 | 5: 52.5 | 1: 74.0 | 5: 62.6 | 1: 38.9 | 5: 75.6 | 1: 79.2 | 5: 76.8 |
| 2: 56.6 | 6: 46.6 | 2: 42.3 | 6: 59.7 | 2: 78.3 | 6: 57.5 | 2: 61.8 | 6: 84.3 |
| 3: 49.2 | 7: 63.3 | 3: 53.4 | 7: 55.0 | 3: 67.2 | 7: 50.8 | 3: 72.5 | 7: 73.1 |
| 4: 79.2 | 8: 48.1 | 4: 65.9 | 8: 66.0 | 4: 71.9 | 8: 69.2 | 4: 68.5 | 8: 64.1 |
| Min: | 46.6 | Min: | 42.3 | Min: | 38.9 | Min: | 61.8 |
| Max: | 79.2 | Max: | 74.0 | Max: | 78.3 | Max: | 84.3 |
| Average: | 62.9 | Average: | 58.1 | Average: | 58.3 | Average: | 73.0 |
| Primer has been inspected and is free of defects | | | | Confirmed | | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| QC Inspector: | | Zotwile | | Sign: | |  | |
| Date: | | 03 May 2024 | | | | | |

| Record of Painting NCSS3010 R90B | | | | | |
|--|--------|--------------------------------|--------|---|---|
| Start Time: | | 20:00 | | End Time: 20:30 | |
| Temperature $\geq 15^{\circ}$: | | 27 $^{\circ}$ C | | Humidity $\leq 75\%$: 52% | |
| Paint Batch No.: | | 8196598 | | Paint Expiry Date: 23.02.2025 | |
| Hardener Batch No.: | | 8138195 113 | | Hardener Expiry Date: 11/26 | |
| Desolvation Start Time: | | 20:30 | | Desolvation End Time: 20:45 | |
| Stoving Start Time: | | 20:45 | | Stoving End Time: 21:45 | |
| Stoving Temp: | | 60 $^{\circ}$ C | | | |
| Operator: | | M. V. Kulkarni | | Sign:  | |
| Date: | | 20/05/09 | | | |
| 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: 139 | 5: 158 | 1: 79.5 | 5: 130 | | |
| 2: 160 | 6: 137 | 2: 91.8 | 6: 118 | | |
| 3: 96.6 | 7: 114 | 3: 99.9 | 7: 125 | | |
| 4: 123 | 8: 102 | 4: 74.5 | 8: 108 | | |
| Min: 96.6 | | Min: 74.5 | | | |
| Max: 158 | | Max: 130 | | | |
| Average: 110 | | Average: 102 | | | |
| Painting NCSS3010 R90B has been inspected and is free of defects | | | | Confirmed: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| GMS-SOS-GIBELA-PS-002 Gloss Test | | | | Value | |
| QC Inspector: | | Zothile | | Sign: |  |
| Date: | | 10 May 2024 | | | |

| Record of Painting Blue NCSS1565 B | | | | | |
|--|-----------------|--------------------------------|-----------------|---|--|
| Start Time: | | 23:00 | | End Time: | |
| Temperature $\geq 15^{\circ}$: | | 30°C | | Humidity $\leq 75\%$: | |
| Paint Batch No.: | | 8216288 | | Paint Expiry Date: | |
| Hardener Batch No.: | | 8138195113 | | Hardener Expiry Date: | |
| Desolvation Start Time: | | 23:30 | | Desolvation End Time: | |
| Stoving Start Time: | | 23:45 | | Stoving End Time: | |
| Stoving Temp: | | 60°C | | | |
| Operator: | | Ntut hoto | | Sign:  | |
| Date: | | 2024/05/09 | | | |
| 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: 91.0 | 5: 108 | 1: 84.6 | 5: 102 | | |
| 2: 75.6 | 6: 121 | 2: 88.5 | 6: 105 | | |
| 3: 80.6 | 7: 136 | 3: 108 | 7: 98.5 | | |
| 4: 92.2 | 8: 124 | 4: 123 | 8: 90.9 | | |
| Min: 75.6 | 80.6 | Min: | 84.6 | | |
| Max: | 136 | Max: | 123 | | |
| Average: | 105 | Average: | 103 | | |
| Painting NCSS3010 R90B has been inspected and is free of defects | | | | | |
| GMS-SOS-GIBELA-PS-002 Gloss Test | | | | Value | |
| QC Inspector: | | Zetwile | | Sign:  | |
| Date: | | 10 May 2024 | | | |

| Record of RAL 7012 | | | | | | | |
|--|---------|-------------------|---|-------------------------------------|------------|---|-------------------------------------|
| Start Time: | | 02:00 | | End Time: | | 05:00 | |
| Temperature $\geq 15^{\circ}$: | | 30°C | | Humidity $\leq 75\%$: | | 61% | |
| Paint Batch No.: | | 8196593 | | Paint Expiry Date: | | 16-02-2023 | |
| Hardener Batch No.: | | 8138195 113 | | 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: | | Ntuthuko | | Sign: . | |  | |
| Date: | | 2024/05/09 | | | | | |
| RAL 7012 Control | | | | | | | |
| DFT Interior RHS | | DFT Interior LHS | | DFT Floor | | DFT Interior Front | |
| 1: 145 | 5: 103 | 1: 146 | 5: 119 | 1: 118 | 5: 161 | 1: 132 | 5: 134 |
| 2: 154 | 6: 124 | 2: 159 | 6: 848 | 2: 937 | 6: 107 | 2: 105 | 6: 121 |
| 3: 130 | 7: 849 | 3: 167 | 7: 775 | 3: 132 | 7: 128 | 3: 126 | 7: 122 |
| 4: 108 | 8: 79.5 | 4: 835 | 8: 837 | 4: 104 | 8: 105 | 4: 137 | 8: 145 |
| Min: | 79.5 | Min: | 77.5 | Min: | 937 | Min: | 105 |
| Max: | 154 | Max: | 187 | Max: | 161 | Max: | 145 |
| Average: | 116 | Average: | 122 | Average: | 127 | Average: | 125 |
| DFT Interior Roof | | DFT Exterior LHS | | DFT Exterior RHS | | DFT Underside | |
| 1: 139 | 5: 108 | 1: 139 | 5: 168 | 1: 139 | 5: 114 | 1: 101 | 5: 8918 |
| 2: 105 | 6: 87.7 | 2: 105 | 6: 152 | 2: 116 | 6: 136 | 2: 127 | 6: 9818 |
| 3: 804 | 7: 106 | 3: 143 | 7: 147 | 3: 155 | 7: 107 | 3: 151 | 7: 101 |
| 4: 118 | 8: 102 | 4: 137 | 8: 149 | 4: 130 | 8: 157 | 4: 145 | 8: 132 |
| Min: | 80.4 | Min: | 105 | Min: | 107 | Min: | 8918 |
| Max: | 139 | Max: | 168 | Max: | 157 | Max: | 151 |
| Average: | 109 | Average: | 136 | Average: | 132 | Average: | 120 |
| DFT Exterior Front | | DFT Exterior Roof | | GMS-SOS-GIBELA-PS-001 Adhesion Test | | | |
| 1: 135 | 5: 106 | 1: 160 | 5: 88.8 | | | | |
| 2: 115 | 6: 158 | 2: 142 | 6: 102 | | | | |
| 3: 129 | 7: 113 | 3: 129 | 7: 107 | | | | |
| 4: 154 | 8: 138 | 4: 106 | 8: 96.3 | | | | |
| Min: | 106 | Min: | 88.8 | | | | |
| Max: | 154 | Max: | 160 | | | | |
| Average: | 130 | Average: | 124 | | | | |
| 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 | | | |
| QC Inspector: | | Zothile | | Sign: | |  | |
| Date: | | 10 May 2024 | | | | | |
| SEALING OF CABIN | | | | | | | |
| All areas where there is no welding has been sealed with SIKA | | | | | Confirmed | YES | <input checked="" type="checkbox"/> |
| All sealants have been neatly applied along joints | | | | | Confirmed | YES | <input checked="" type="checkbox"/> |
| SIGN OFF | | | | | | | |
| CLOCK No: | 2400 | OPERATOR SIGN: |  | DATE: | 10-05-2024 | | |



REWORK IDENTIFICATION

(MARK SECTIONS EFFECTED NUMERICALLY)

FAULT TRACKING

[illegible]

| | |
|--|--|
| <div style="text-align: center;"> REMINDERS / COMMENTS </div> | |
|--|--|

[illegible]



CABIN STRUCTURE QUALITY HOT CHECKLIST

| | | | |
|--------------|------|-----------------|-----------------|
| Running No.: | | Updated By: | Jonathan Chetty |
| Frame | 0466 | 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 CLOSEDNO BREAKS IN THE SEALANTCORRECT BEAD | 0 | | | |
| 4 | RIVET NUTS ARE PROPERLY CRIMPED <ul style="list-style-type: none">RIVETS ARE MARKEDCORRECT GRIP RANGE USED | 0 | | | |
| 5 | NO MISS WELDS PRESENT AFTER SANDBLASTING | 0 | | | |
| 6 | NO VISUAL MISS WELDS (INSPECTION AFTER SEALING) | 0 | | | |
| 7 | NO PAINT IN THREADS | 0 | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |

| | | |
|--|---------|-------------|
| Quality approval for release Signature | CO. NO: | DATE |
| | 2285 | 11 May 2024 |

