

GDLS FAI Guidebook | Revision D

First Article Inspection and Source Inspection should be completed in accordance with the latest revision of AS9102. If discrepancies between AS9102 and GDLS FAI Guide are found, GDLS FAI Guide takes precedence.

1 APPLICATION

This document applies to assemblies, sub-assemblies, and detail parts require First Article Inspection and Source Inspection. This includes any modified standard catalogue or Commercial-Off-the-Shelf (COTS) items.

2 REFERENCE DOCUMENTS and STANDARDS

The following documents support the application/use of the GDLS FAI process. The latest edition of each document as well as any amendments apply at the time of PO acceptance by the supplier.

- GDLS Audit Record
- GDLS PQA-3000 Production Quality Assurance Handbook
- AS9102 Aerospace First Article Inspection Requirement
- AS9102 Numbered Explanation (Contains GDLS additional requirements)
- ASME Y14.43 Dimensioning and Tolerancing Principles for Gages and Fixtures
- GDLS Terms and Conditions - refer to www.gdls.com

2.1 HIERARCHY OF DOCUMENTATION

- The GDLS Purchase Order (PO) takes precedence over all documents. If there are any conflicts between the GDLS PO and any documentation the PO takes precedence.
- If a conflict between any of the reference documents and this document occur then the requirements of this document will apply. Nothing in this document supersedes applicable laws and regulations unless a specific exemption has been obtained.
- If there is a conflict between any of the standards/documents/quality clauses stated and the GDLS print, the GDLS print takes precedence.

3 ADDITIONAL TERMS and DEFINITIONS NOT DEFINED IN AS9102

CONFIGURATION CONTROL FKA NO CHANGE CLAUSE

Configuration control is a contractual requirement please refer to GDLS General Purchase Order Terms and Conditions refer to www.gdls.com for current revision or contact your GDLS Buyer.

4 REQUIREMENTS

4.1 FIRST ARTICLE INSPECTION PLANNING

- Refer to current revision of AS9102 for requirements

4.2 PART REQUIREMENTS

- Refer to current revision of AS9102 for requirements. The below content is in addition to the requirements of 4.2:

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❖ **Vendor Item Control Drawings (VICD)** - When purchasing parts per a VICD it is recommended that the supplier buy from the recommended sources of supply. If the supplier does not purchase from a recommended source of supply and corresponding part number as shown on the GDLS drawing then see requirements below:

❖ If the part(s) purchased come from the supplier listed on the VICD then a certificate of conformance from the manufacturer listed on the VICD will be acceptable for approval of FAIR.

A Certificate of Conformance (C of C) will only be accepted from a distributor if it is issued by an authorized franchise distributor. Proof of authorization, as designated by the manufacturer of the part, must be attached to the C of C.

♦ When a supplier chooses to purchase a part that is not listed as a recommended source of supply for the part number designated in the Technical Data Package or chooses to make the part, the supplier must fully balloon all requirements of the TDP and supply verification that all TDP requirements have been met. This will include all environmental, qualification and/or performance testing. All AS9102 FAIR forms and GDLS Audit Record will be required to be completed.

♦ All discrepancies between the GDLS print(s) and the manufacturer print(s) following PO issue and contract review, should be communicated to your GDLS buyer as soon as possible.

❖ **Source Controlled Drawings (SCD)** - When purchasing parts per a GDLS Source Controlled Drawing the supplier is required to purchase from the approved source of supply and part number designated in the Technical Data Package

❖ If the part(s) purchased come from the supplier listed on the SCD then a certificate of conformance from the manufacturer listed on the SCD will be acceptable for approval of FAIR.

A Certificate of Conformance (C of C) will only be accepted from a distributor if it is issued by an authorized franchise distributor. Proof of authorization, as designated by the manufacturer of the part, must be attached to the C of C.

4.3 DIGITAL PRODUCT DEFINITION REQUIREMENTS

- Refer to current revision of AS9102 for requirements

4.4 EVALUATION ACTIVITIES

- Refer to current revision of AS9102 for requirements. The below content is in addition to the requirements of 4.4:
- AS9102 Numbered Explanation- GDLS additional requirements
- Part specific gages should be built in accordance with ASME Y14.43 Dimensioning and Tolerancing Principles for Gages and Fixtures.

4.5 NONCONFORMANCE HANDLING

- Refer to current revision of AS9102 for requirements. The below content is in addition to the requirements of 4.5:

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- All parts within the lot which have been found to contain at least one nonconformance will need to be quarantined and contained from shipping prior to FAI approval. 100% of the parts within the lot will need to be inspected for the nonconformance(s). 100% inspection will be required for all manufacturing runs until a root cause and permanent corrective action have been implemented and verified to be conforming.
- When processing a FAIR with documented nonconformance's in addition to 4.5.a:
 - ♦ The supplier will contact the appropriate GDLS Buyer and Supplier Quality Assurance (SQA) Regional Manager to inform them the FAI has failed and the parts will not ship until the nonconforming items are dispositioned, corrected, and the FAI is approved.
 - ♦ Parts cannot be shipped until the FAI is approved by the GDLS representative, who will sign and stamp the GDLS Audit Record and AS9102 Form 1.

4.6 PARTIAL OR RE-ACCOMPLISHMENT OF FIRST ARTICLE INSPECTION

- Refer to current revision of AS9102 for requirements

4.7 DOCUMENTATION

4.7.1 FORMS

- Refer to current revision of AS9102 for requirements. The below content is in addition to the requirements of 4.7.1:
- GDLS Audit Record- The GDLS representative will review the results of the FAIR. This record shall be submitted back to GDLS upon completion of FAIR
- For (CR) Conditionally Required and (O) Optional fields, blank spaces are not allowed. If the field is not applicable, then field shall be noted as N/A.
- AS9102 Numbered Explanation- GDLS additional requirements

4.7.2 CHARACTERISTIC ACCOUNTABILITY

- Refer to current revision of AS9102 for requirements

4.7.3 RECORDING RESULTS

- Refer to current revision of AS9102 for requirements.

Submission Format Requirements

For assembly FAIRs that include down-level FAI components, the entire package must be submitted with all levels of FAIRs organized in a single, cohesive pack, separated by each FAI level. It is important to ensure that pages are not sent at random, but rather in an orderly and structured manner to maintain clarity and coherence throughout the submission.

4.8 RETAINED DOCUMENTED INFORMATION

GDLS FAI Guidebook | Revision D

- Refer to current revision of AS9102 for requirements.

FAI Guide Revision History

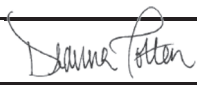
| | | |
|-----------|--|-------------|
| 13-Feb-20 | Ran spell check per communications team. Two words updated. No update will be made at this time. Added Revision History | SJW |
| 13-May-20 | A. Section 1. bullet 3 Removed - verbiage (designated on PO by quality clause QG4 Commercial Requirement) | SJW |
| | B. Section 1 Bullet 6 add QY12 Clause | SJW |
| | C. Section 2 Add 2 bullets on QG4 Clause COTS evaluation form for GDLS-US and GDLS-Canada | SJW |
| | D. Section 3 Add to COTS definition | SJW |
| 13-Oct-20 | E. Section 4.7.3 - Reformatted to add par. 1 & 2 | SJW |
| | F. Section 4.7.3 - Removed - Exceptions | SJW |
| | G. Section 4.7.3 - Added par 2 detail parts requirements for SCI's and COTS with QY11 clause. | SJW |
| 31-Oct-20 | Release Rev. B | |
| 25-Aug-23 | Update from 1 yr to 2 yr break in production shipments - Rev C released | SJW |
| 08-Sep-25 | Updated to AS9102 standard with GDLS specific additions - Rev D | DJT/LCW/SJW |
| 21-Nov-25 | AS9102 Release | DJT/LCW/SJW |
| 16-Dec-25 | Edited the AS9102 Audit Record sheet and example attachments for updates/fix typos | DJT |

AS9102 FAIR Example of a Continuous Drawing

GDLS AUDIT RECORD

The AS9102 FAIR including all technical data and supporting data, and this GDLS Audit Record shall be kept on file at the suppliers location and made available to GDLS upon request. The GDLS Auditor will only be required to take a copy of this Audit Record after completion and return to GDLS.

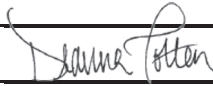
GDLS Trusted Vendor Program Suppliers: Please fill out all applicable fields aside from fields # 15 thru # 20 below, these fields are not required for the Trusted Vendor Program.

| | | | | | | | | | |
|--|--|---|------------------------------------|-------------------------------------|--|---|--|--|--|
| Company Name: | | JOs FAB LAB | | AUDIT TYPE & SEQUENCE #: | | VFP 000000 | | | |
| 1. Purchase Order Number(s) and Revision(s) | | 2. Part Number | | 3. Drawing Revision | | 4. Deviation(s): RFV, NCH, OD, etc. | | | |
| 3335554444 REV 03 | | LS1151268 | | A | | N/A | | | |
| 5. Quality Clauses: | | 6. Approval Letters (e.g. Weld, software, braze, A514, etc. List Approval number and Date) | | | | | | | |
| QY11, QJ21, QX118, QL46 | | QX118- 10/25/2025 | | | | | | | |
| 7. Type of FAI | | 8. Full or Partial | | 9. Lot Size / Qty Inspected | | 10. AQL Sampling Data on File | | | |
| <input type="checkbox"/> Detail <input checked="" type="checkbox"/> Assembly | | <input checked="" type="checkbox"/> Full <input type="checkbox"/> Partial | | 25 / 5 | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| 11. Audit Results | | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | | | | | | | |
| 12. Comments: | | Verified weld approval and CARC form comply | | | | | | | |
| 1. Purchase Order Number(s) and Revision(s) | | 2. Part Number | | 3. Drawing Revision | | 4. Deviation(s): RFV, NCH, OD, etc. | | | |
| | | | | | | | | | |
| 5. Quality Clauses: | | 6. Approval Letters (e.g. Weld, software, braze, A514, etc. List Approval number and Date) | | | | | | | |
| | | | | | | | | | |
| 7. Type of FAI | | 8. Full or Partial | | 9. Lot Size / Qty Inspected | | 10. AQL Sampling Data on File | | | |
| <input type="checkbox"/> Detail <input type="checkbox"/> Assembly | | <input type="checkbox"/> Full <input type="checkbox"/> Partial | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| 11. Audit Results | | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | | | | | | |
| 12. Comments: | | | | | | | | | |
| 13. Supplier Approver/Delegate Printed Name, Signature & Date | | | 14. Supplier Delegate Stamp | | 15. GDLS Auditor Printed Name, Signature & Date | | | 16. GDLS Auditor Stamp | |
| Jo Fabman | | | {Delegation Stamp here} | | Deanna Totten | | | 11/19/25 | |
| <i>Jo Fabman</i> | | | | |  | | | | |
| 17. DATE(S): | | 11/19/25 | | | | | | | |
| 18. Mileage: | | 12 | | | | | | Other Expenses: e.g. Tolls, Flights, Hotel, Meals <i>(Flights, Hotel, Meals Must be pre-approved)</i> | |
| 19. Travel Time: | | 0.25 | | | | | | | |
| 20. On Site Time: | | 1 | | | | | | | |
| | | | | | | | | | |

B.1 FORM 1 - PART NUMBER ACCOUNTABILITY

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| | | | |
|--|--|--|--|
| 1. Part Number: LS1151268 | 2. Part Name: GRAB HANDLE | 3. Serial Number: N/A | 4. FAIR Identifier: VFP 000000 |
| 5. Part Revision Level: A | 6. Drawing Number: LS1151268 | 7. Drawing Revision Level: A | 8. Additional Changes: N/A |
| 9. Manufacturing Process Reference: WO 124588 | 10. Organization Name: JOs FAB LAB | 11. Supplier Code: 1202555 / XXXXX | 12. Purchase Order Number: 3335554444 REV 03 |
| 13. Detail: <input type="checkbox"/> Assembly: <input checked="" type="checkbox"/> | 14. Full FAI: <input checked="" type="checkbox"/> Partial FAI: <input type="checkbox"/> Baseline Part Number (including revision level): LS1151268 Reason for Full / Partial FAI: FIRST TIME MANUFACTURING | | |
| a) If the part number above is a detail part only, go to field 19. b) If the part number above is an assembly, go to the "INDEX" section below. | | | |
| INDEX of part numbers or sub-assembly numbers required to make the assembly noted above. | | | |
| 15. Part Number: | 16. Part Name: | 17. Part Type: | 18. FAIR Identifier: |
| LS1151268-1 | TUBE | Detail | VFP 000000 |
| LS1151268-2 | PLATE | Detail | VFP 000000 |
| | | | |
| 19. Does FAIR Contain a Documented Nonconformance(s)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | | |
| 20. FAIR Verified By: Sam Smith | | {Delegation stamp here as applicable} | |
| 21. Date: 11/10/2025 | | | |
| 22. FAIR Reviewed/Approved By: Jo Fabman | | {Delegation stamp here as applicable} | |
| 23. Date: 11/10/2025 | | | |
| 24. Customer Approval:  | | 25. Date: 11/19/2025 | |
| 26. Comments: QY11, QJ21, QX118, QL46 | | | |

B.3 FORM 2 - PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTING

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| | | | | | |
|---|-------------------------------------|-----------------|--------------------------------------|---|---|
| 1. Part Number: LS1151268 | 2. Part Name: GRAB HANDLE | | 3. Serial Number: N/A | | 4. FAIR Identifier VFP 000000 |
| 5. Material or Process Name: | 6. Specification Number: | 7. Code: | 8. Supplier: | 9: Customer Approval Verification: | 10. Certificate of Conformance Number: |
| Weld | AWS D1.2 | N/A | JOs FAB LAB | Weld Letter Provided | WO 124588 |
| MATERIAL: Tubing Aluminum Alloy 6061-T6 or 6061-T6511 25.4mm OD x 2.18mm or 1.0 OD x .12" Wall (USED TO MAKE FN 1) | ASTM B210 or ASTM B221 | N/A | Tom's Aluminum | N/A | TA4651-025 June 24, 2018 - Heat/Lot 354-62418 |
| MATERIAL: Aluminum Alloy 6061- T651 or T6511 7.94mm or 1.312 Inch Thick (USED TO MAKE FN 2) | ASTM B209 or ASTM B221 | N/A | Tom's Aluminum | N/A | TA4660-056 Feb 23, 2019 - Heat/Lot 365-22319 |
| PROTECTIVE FINISH: MIL-DTL-5541 TYPE II, CLASS 1A | MIL-DTL-5541 | N/A | Military Painting Inc. | N/A | MPI65254-089 Nov 01,2019 Batch 2548- 54 EXP 06/12/26 |
| PAINT: 19207-12344343, WHITE, COLOR NO 17625 OF FED-STD-595 | 19207-12344343 / FED-STD-595 | N/A | Military Painting Inc. | N/A | MPI65254-089 Nov 01,2019 Batch 2548- 54 EXP 08/26/26 |
| ITEM IDENTIFICATION: BLACK EPOXY INK A-A- 56032 | MIL-STD-130 / A-A- 56032 | N/A | Part Marking Specialists Inc. | N/A | PMS456123-466 Oct 15, 2019 Lot 64510 EXP 02/15/26 |
| 64 DP DIAMOND KNURLING CLASS 1 | ASME B94.6 | N/A | Knurl Warehouse | KW65425-411 | Sept 19, 2019 Lot 586486 |
| 11. Functional Test Procedure Number: | | | 12. Acceptance Report Number: | | |
| N/A | | | N/A | | |
| | | | | | |
| 13. Comments: N/A | | | | | |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

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| | | | | | | | | |
|-------------------------------------|-------------------------------|--------------------------------------|---|--------------------|---|-----------------------------------|--------------------------------------|--|
| 1. Part Number: LS1151268 | | | | | 2. Part Name: GRAB HANDLE | | 3. Serial Number: N/A | 4. FAIR Identifier: VFP 000000 |
| Characteristic Accountability | | | | | Inspection/Test Results | | | |
| 5. Char. No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10: Designed/ Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Data/Comments: | |
| 1 | S1 /D8 | Minor | Note: 1. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.8M-1994. | Pass | N/A | N/A | N/A | |
| 2 | S1 /D8 | Minor | Note: 2. ASTM SI 10 APPLIES. ANNEX B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH = 25.4 mm APPLIES. | Pass | N/A | N/A | N/A | |
| 3 | S1 /D8 | Minor | Note: 3, UNLESS OTHERWISE SPECIFIED: TOLERANCE ON IMPLIED 90 DEGREE ANGELS TO BE +/- 2 DEGREES. | Pass | N/A | N/A | N/A | |
| 4 | S1 /D8 | Minor | Note: 4. MATERIAL SHALL BE FREE OF OIL, MACHINING FLUIDS, GREASE, OR OTHER CONTAMINANTS THAT MAY HAVE AN ADVERSE AFFECT ON WELDING. | Pass | N/A | N/A | N/A | |
| 5 | S1 /D8 | Minor | Note: 5. REMOVE ALL BURRS AND SHARP EDGES. | Pass | N/A | N/A | N/A | |
| 6 | S1 / C8 | Minor | Note: 6. UNLESS OTHERWISE SPECIFIED ALL WELDING TO BE PER AWS D1.2. | Pass | N/A | N/A | Certified welders used / verified | |
| 7 | S1 / C8 | Minor | Note: 7. MATERIAL: | Pass | N/A | N/A | C of C from material manufacturer | |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

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| | | | | | | | |
|-------|---------|-------|--|------|--------------------------------------|-----|---|
| 7.1 | S1 / C8 | Minor | Note: 7.1 TUBING, ALUMINUM ALLOY 6061-T6 OR 6061-T6511, SPEC, ASTM B210 OR ASTM B221. DIA 25.4mm O.D. X 3.18mm WALL THICKENSS (1.0 dia x .12 inch) WALL THICKNESS | Pass | N/A | N/A | C of C from material manufacturer |
| 7.1.1 | S1 / D3 | Minor | Note: (7.1) LOCATION FN 1 | Pass | N/A | N/A | N/A |
| 7.2 | S1 / C8 | Minor | Note: 7.2 ALUMINUM ALLOY, 6061-T651 OR T6511, ASTM B209 OR ASTM B221, 7.94mm (.312 INCH) THICK. | Pass | N/A | N/A | C of C from material manufacturer |
| 7.2.1 | S1 / D3 | Minor | Note: (7.2) LOCATION FN 2 | Pass | N/A | N/A | N/A |
| 8 | S1 / C8 | Minor | Note: 8. PROTECTIVE FINISH: FINISH PER MIL-DTL-5541 TYPE II, CLASS 1A. PAINT PER REQUIREMNTS ON DRAWING NO. 19207-12344343, WHITE, COLOR NO. 17925 OF FED-STD-595. | Pass | N/A | N/A | C of C from special process supplier Form 4707 completed / reviewed |
| 9 | S1 / C8 | Minor | Note: 9. ALL HOLES TO BE FREE OF PAINT. | Pass | N/A | N/A | N/A |
| 10 | S1 / B8 | Minor | Note: 10. ITEM IDENTIFICATION: RUBBER STAMP OR STENCIL THE FOLLOWING MARKINGS IN ACCORDANCE WITH MIL-STD-130 USING BACK EPOXY INK PER A-A-56032, IN 4-7 mm HIGH CHARACTERS, 01417-LS1151268 MFR- MANFACTLRER'S CAGE CODE | 6mm | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | 01417-LS1151268 MFR XXXXX |
| 10.1 | S1 / B5 | Minor | Note: NOTE 10 LOCATION | Pass | N/A | N/A | N/A |
| 11 | S1 / B8 | Minor | Note: 11. 64DP-DIAMOND KNURLING CLASS 1 PER ASME B94.8- 1994. | Pass | N/A | N/A | N/A |
| 11.1 | S2 / A5 | Minor | Note: NOTE 11 LOCATION | Pass | N/A | N/A | N/A |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

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| | | | | | | | |
|----|---------|-------|--|-------------|---|-----|-----|
| 12 | S1 / D6 | Minor | Linear Dimension: 4.4 +/-1.5 mm | 4.50 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 13 | S1 / D4 | Minor | Profile of a Surface: 0 - 1.5 mm 2 SURFACES | 1.00- 1.02 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |
| 14 | S1 / D3 | Minor | Linear Dimension: 6.3 +/-1.5 mm | 6.25 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 15 | S1 / C3 | Minor | Weld Size: = 3 mm 2 PLACES | 3 | Fillet Gauge FG5642 CAL DUE 02/14/26 | N/A | N/A |
| 16 | S1 / B3 | Minor | Linear Dimension: 27.3 +/-1.5 mm 2 PLACES | 27.40-27.80 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 17 | S1 / B3 | Minor | Diameter: 9 +.2 -.1 mm 4 PLACES | 9.0-9.15 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 18 | S1 / B3 | Minor | True Position: 0 - 3 mm 4 places | 2.0-2.5 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |
| 19 | S1 / B3 | Minor | True Position: 0 - .7 mm 4 places | .50-60 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |
| 20 | S2 / C6 | Minor | Linear Dimension: 446.9 +/-3 mm | 448.2 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATIONAS9102 C
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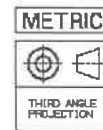
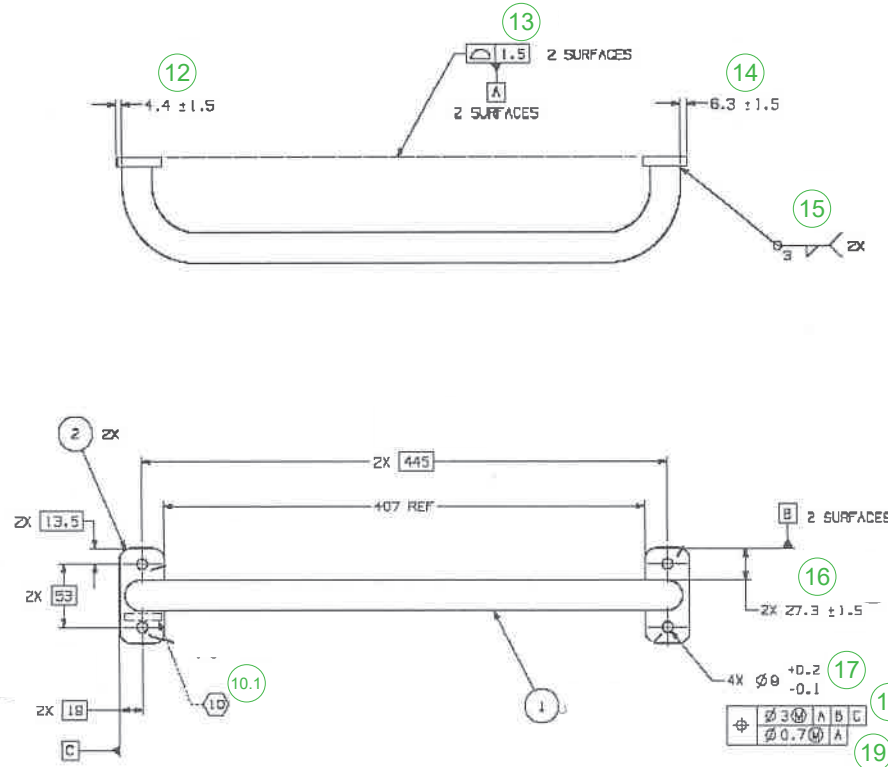
| | | | | | | | |
|----|---------|-------|---|-----------|---|-----|-----|
| 21 | S2 / B7 | Minor | Radius: 37.3 +/-1.5 mm | 37.5 | RADIUS GAGE ID X1245866 CAL DUE 10/31/26 | N/A | N/A |
| 22 | S2 / B5 | Minor | Linear Dimension: 54.7 +/- 2 mm 2 PLACES | 54.7-54.9 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 23 | S2 / B4 | Minor | Linear Dimension: 75 +/-5 mm 2 PLACES | 74.2-75.1 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 24 | S2 / C3 | Minor | Profile of a Surface: 0 - 1.5 mm | 1.0 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |

NOTES:

1. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994.
2. ASTM S1 10 APPLIES. ANNEX B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH = 25.4 mm APPLIES.
3. UNLESS OTHERWISE SPECIFIED: TOLERANCE ON IMPLIED 90 DEGREE ANGLES TO BE ± 2 DEGREES.
4. MATERIAL SHALL BE FREE OF OIL, MACHINING FLUIDS, GREASE, OR OTHER CONTAMINANTS THAT MAY HAVE AN ADVERSE AFFECT ON WELDING.
5. REMOVE ALL BURRS AND SHARP EDGES.
6. UNLESS OTHERWISE SPECIFIED ALL WELDING TO BE PER AWS D1.2
7. MATERIALS:
 - 7.1 TUBING, ALUMINUM ALLOY 6061-TB OR 6061-T0511, SPEC. ASTM B210 OR ASTM B221. $\phi 25.4$ mm O.D. X 3.18mm WALL THICKNESS (1.0 DIA. X .12 INCH) WALL THICKNESS
 - 7.2 ALUMINUM ALLOY, 6061-T651 OR T6611, ASTM B209 OR ASTM B221. 7.64 mm (.312 INCH) THICK.
8. PROTECTIVE FINISH: FINISH PER MIL-DTL-5541 TYPE 11, CLASS 1A. PAINT PER REQUIREMENTS ON DRAWING NO. 10007-12344343, WHITE, COLOR NO. 17625 OF FED-STD-595.
9. ALL HOLES TO BE FREE OF PAINT.
10. ITEM IDENTIFICATION: RUBBER STAMP OR STENCIL THE FOLLOWING MARKINGS IN ACCORDANCE WITH MIL-STD-130 USING BLACK EPOXY INK PER A-A-59532, IN 4-7 mm HIGH CHARACTERS. 01417-LS1151268 MFR- MANUFACTURER'S CASE CODE
11. 64DP DIAMOND KNURLING CLASS 1 PER ASME B64.8-1984

| PARTS LIST | | | | | |
|------------|-----|-----------|-------------|-------------|----------------|
| FIND NO | QTY | CAGE CODE | PART NUMBER | DESCRIPTION | SPECIFICATIONS |
| 1 | 1 | 01417 | LS1151268-1 | TUBE | (7.1) 7.1.1 |
| 2 | 2 | 01417 | LS1151268-2 | PLATE | (7.2) 7.2.1 |

| REVISION HISTORY | | | | | |
|------------------|-----|----------------------|-----------------|----------|-----|
| ZONE | REV | DESCRIPTION | DATE (YY-MM-DD) | APPROVED | |
| | - | PRODUCT BASELINE | 10-09-22 | JK | RZ |
| | A | REVISED PER 11-04-01 | 11-09-14 | ZH | MJB |



METRIC

FWIC A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

TOLERANCES ON

J PLACE Z PLACE ANGLES

±--- ±--- ±°

LOW ENDS

UPPERS APPROVAL

NEXT ASSET USED ON

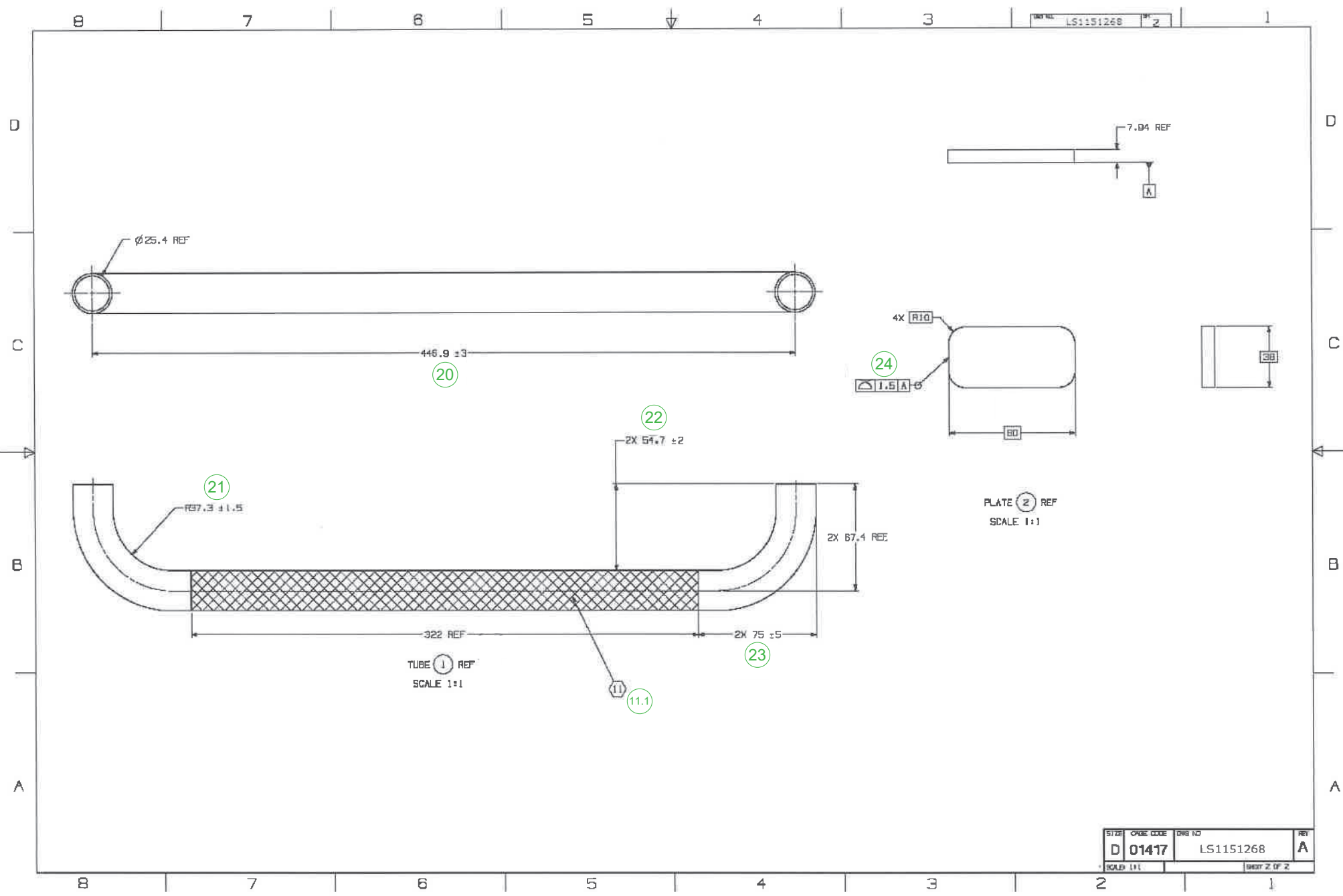
WEL ENDS

REVIEW APPROVAL

APPLICATION

DATE

| | | | |
|----------------------------------|-----------|--------------|-----|
| PART NO. LS1151268 | | | |
| GENERAL DYNAMICS Land Systems | | | |
| TITLE GRAB HANDLE | | | |
| SIZE | CAGE CODE | QNS NO | REV |
| D | 01417 | LS1151268 | A |
| SOLDS 112 | | SHEET 1 OF 2 | |


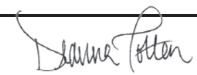



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|-------|-------|--------------|-----------|-----|---|
| SIZE | 01417 | DWG NO | LS1151268 | REV | A |
| SCALE | 1:1 | SHEET 2 OF 2 | | | |

GDLS AUDIT RECORD

The AS9102 FAIR including all technical data and supporting data, and this GDLS Audit Record shall be kept on file at the suppliers location and made available to GDLS upon request. The GDLS Auditor will only be required to take a copy of this Audit Record after completion and return to GDLS.

GDLS Trusted Vendor Program Suppliers: Please fill out all applicable fields aside from fields # 15 thru # 20 below, these fields are not required for the Trusted Vendor Program.

| | | | | | | | |
|---|--|---|--|-------------------------------------|--|--|--|
| Company Name: | | JOs FAB LAB | | AUDIT TYPE & SEQUENCE #: | | VFP 000000 | |
| 1. Purchase Order Number(s) and Revision(s) | | 2. Part Number | | 3. Drawing Revision | | 4. Deviation(s): RFV, NCH, OD, etc. | |
| 3335554441 REV 03 | | LS1151268-011 | | - | | N/A | |
| 5. Quality Clauses: | | 6. Approval Letters (e.g. Weld, software, braze, A514, etc. List Approval number and Date) | | | | | |
| QY11, QJ21, QX118, QL46 | | QX118- 10/25/2025 | | | | | |
| 7. Type of FAI | | 8. Full or Partial | | 9. Lot Size / Qty Inspected | | 10. AQL Sampling Data on File | |
| <input type="checkbox"/> Detail <input checked="" type="checkbox"/> Assembly | | <input checked="" type="checkbox"/> Full <input type="checkbox"/> Partial | | 25 / 5 | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 12. Comments: | | Verified weld approval and CARC form comply | | | | | |
| 1. Purchase Order Number(s) and Revision(s) | | 2. Part Number | | 3. Drawing Revision | | 4. Deviation(s): RFV, NCH, OD, etc. | |
| | | | | | | | |
| 5. Quality Clauses: | | 6. Approval Letters (e.g. Weld, software, braze, A514, etc. List Approval number and Date) | | | | | |
| | | | | | | | |
| 7. Type of FAI | | 8. Full or Partial | | 9. Lot Size / Qty Inspected | | 10. AQL Sampling Data on File | |
| <input type="checkbox"/> Detail <input type="checkbox"/> Assembly | | <input type="checkbox"/> Full <input type="checkbox"/> Partial | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 12. Comments: | | | | | | | |
| 13. Supplier Approver/Delegate Printed Name, Signature & Date | | | | 14. Supplier Delegate Stamp | | 15. GDLS Auditor Printed Name, Signature & Date | |
| Jo Fabman | | | | {Delegation stamp here} | | Deanna Totten | |
|  | | | | | |  | |
| 11/19/25 | | | | | | 11/21/25 | |
| | | | | | |  | |
| 17. DATE(S): | | 11/21/25 | | | | Other Expenses: e.g. Tolls, Flights, Hotel, Meals (Flights, Hotel, Meals Must be pre-approved) N/A | |
| 18. Mileage: | | 12 | | | | | |
| 19. Travel Time: | | 0.25 | | | | | |
| 20. On Site Time: | | 2 | | | | | |

B.1 Form 1 - Part Number AccountabilitySheet: 1 of 5

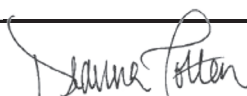
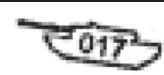
| | | | |
|--|---|-----------------------------------|--------------------------------|
| 1. Part Number: | 2. Part Name: | 3. Serial Number: | 4. FAIR Identifier: |
| LS1151268-011 | GRAB HANDLE | N/A | VFP 000000 |
| 5. Part Revision Level: | 6. Drawing Number: | 7. Drawing Revision Level: | 8. Additional Changes: |
| - | LS1151268 | - | N/A |
| 9. Manufacturing Process Reference: | 10. Organization Name: | 11. Supplier Code: | 12. Purchase Order No.: |
| WO 26549 | JOs FAB LAB | 1202555 / XXXXX | 3335554441 REV 03 |
| 13. Detail Part FAI: <input type="checkbox"/> | 14. Full FAI: <input checked="" type="checkbox"/> Partial FAI: <input type="checkbox"/> | | |
| Baseline Part Number (including revision level): | | LS1151268-011 REV - | |
| Assembly FAI: <input checked="" type="checkbox"/> | Reason for Full/Partial FAI: FIRST TIME MANUFACTURING | | |

a) If above part number is a detail part only, go to Field 19.
b) If above part number is an assembly, go to the "INDEX" section below.

INDEX of part numbers or sub-assembly numbers required to make the assembly noted above.

| 15. Part Number: | 16. Part Name: | 17. Part Type: | 18. FAIR Identifier: |
|------------------|----------------|----------------|-----------------------|
| LS2222 | TUBE | DETAIL | VFP 000000 |
| LS2223 | PLATE | DETAIL | VFP 000000 |
| X2Y-14-002 | ANTI-SLIP TAPE | COTS | COTS PACK/COC #124596 |
| 2Y4X69Z | FASTNER KIT | COTS | COTS PACK/COC #124597 |
| | | | |
| | | | |
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| | | | |

19. Does FAIR Contain a Documented Nonconformance(s)? YES ☐ NO ☒

| | | | | |
|-------------------------------|--|-----------------------------------|------------------|------------|
| 20. FAIR Verified By: | Sam Smith | {INSERT STAMP HERE IF APPLICABLE} | 21. Date: | 11/19/2025 |
| 22. FAIR Reviewed By: | Jo Fabman | {INSERT STAMP HERE IF APPLICABLE} | 23. Date: | 11/19/2025 |
| 24. Customer Approval: |   | | 25. Date: | 11/21/2025 |

26. Comments: QY11, QJ21, QX118, QL46

B.3 FORM 2 - PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTINGSheet: 2 of 5

| | | | | | | | |
|--|--|---|--|-------------------------------------|--|----------------------------------|--|
| 1. Part Number: | | 2. Part Name: | | 3. Serial Number: | | 4. FAI Identifier: | |
| LS1151268-011 | | GRAB HANDLE | | N/A | | VFP 000000 | |
| 5. Material or Process Name | | 6. Specification Number | | 7. Code | | 8. Supplier | |
| 9. Customer Approval Verification | | 10. Certificate of Conformance Number | | | | | |
| WELD | | AWS D1.2 | | N/A | | JOs FAB LAB | |
| WELD LETTER PROVIDED | | WO 26549 | | | | | |
| PROTECTIVE FINISH MIL-DTL-5541 TYPE II, CLASS 1A | | MIL-DTL-5541 | | N/A | | Military Painting Inc. | |
| N/A | | MPI65254-089 Nov 01,2019 Batch 2548-54 EXP 06/12/26 | | | | | |
| PAINT 19207-12344343, WHITE, COLOR NO 17625 OF FED-STD-595 | | 19207-12344343 / FED- STD-595 | | N/A | | Military Painting Inc. | |
| N/A | | MPI65254-089 Nov 01,2019 Batch 2548-54 EXP 08/26/26 | | | | | |
| ITEM IDENTIFICATION, BLACK EPOXY INK A-A- 56032 | | MIL-STD-130 / A-A- 56032 | | N/A | | Part Marking Specialists Inc. | |
| N/A | | PMS456123-466 Oct 15, 2019 Lot 64510 EXP 02/15/26 | | | | | |
| | | | | | | | |
| | | | | | | | |
| 11. Functional Test Procedure Number | | | | 12. Acceptance Report Number | | | |
| N/A | | | | N/A | | | |
| | | | | | | | |
| | | | | | | | |
| 13. Comments: | | N/A | | | | | |
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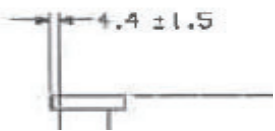
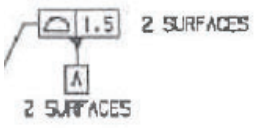
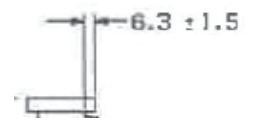
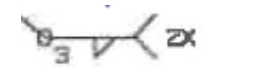

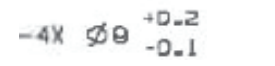


B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATIONSheet: 3 of 5

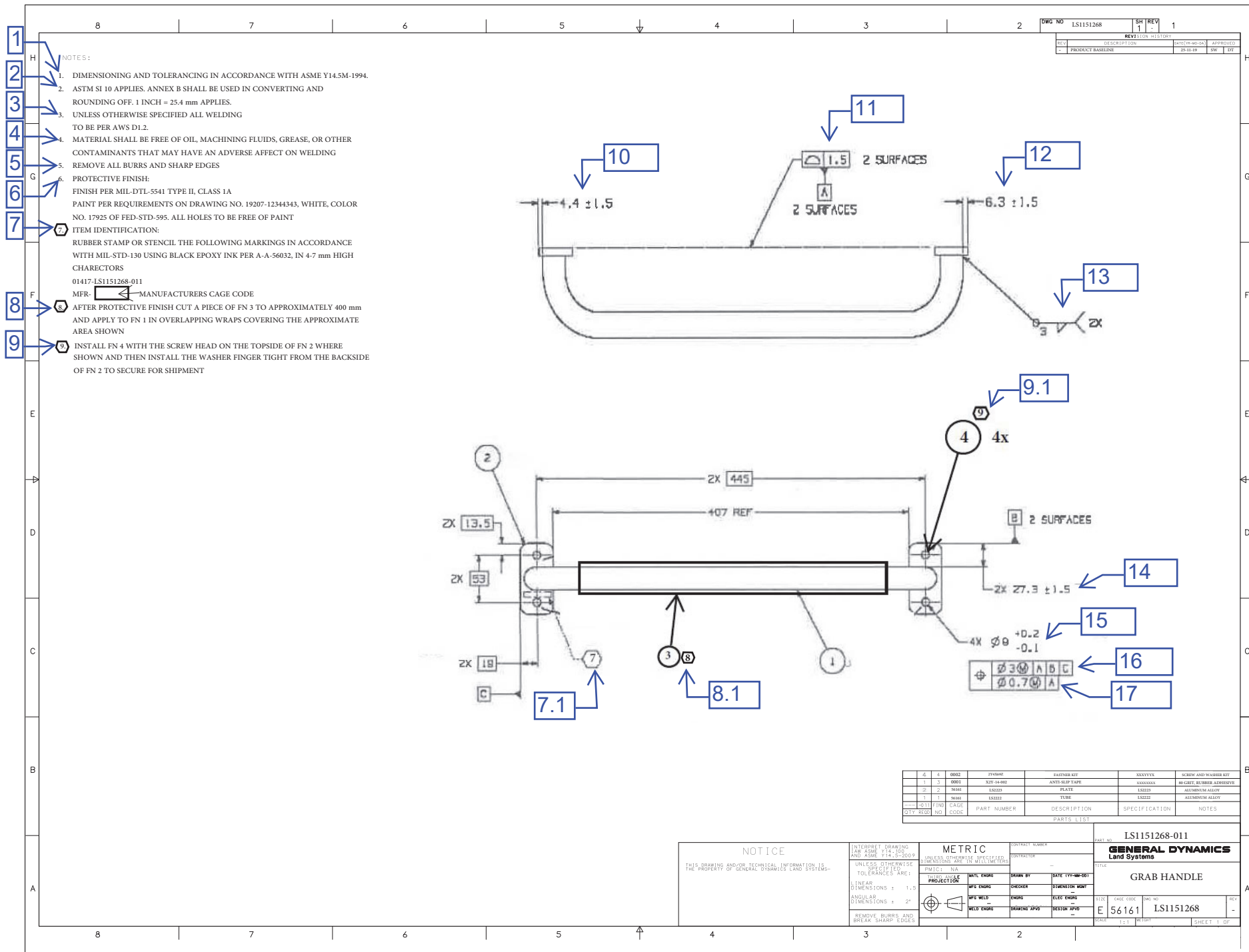
| | | | | | | | |
|--|-------------------------------|--------------------------------------|---|----------------------------------|--|-------------------------------------|--|
| 1. Part Number LS1151268-011 | | 2. Part Name GRAB HANDLE | | 3. Serial Number N/A | | 4. FAIR Number VFP 000000 | |
| Characteristic Accountability | | | | Inspection / Test Results | | | |
| 5. Char No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10. Designed / Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Date / Comments: |
| 1 | S1 / H8 | MINOR | 1. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14-5M-1994 | PASS | N/A | N/A | N/A |
| 2 | S1 / H8 | MINOR | 2. ASTM SI 10 APPLIES. ANNEX B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH = 25.4 mm APPLIES | PASS | N/A | N/A | N/A |
| 3 | S1 / H8 | MINOR | 3. UNLESS OTHERWISE SPECIFIED ALL WELDING TO BE PER AWS D1.2 | PASS | N/A | N/A | N/A |
| 4 | S1 / G8 | MINOR | 4. MATERIAL SHALL BE FREE OF OIL, MACHINING FLUIDS, GREASE, OR OTHER CONTAMINANTS THAT MAY HAVE AN ADVERSE AFFECT ON WELDING. | PASS | N/A | N/A | N/A |
| 5 | S1 / G8 | MINOR | 5. REMOVE ALL BURRS AND SHARP EDGES. | PASS | N/A | N/A | N/A |
| 6 | S1 / G8 | MINOR | 6. PROTECTIVE FINISH: FINISH PER MIL-DTL-5541 TYPE II, CLASS 1A. PAINT PER REQUIREMNTS ON DRAWING NO. 19207-12344343, WHITE, COLOR NO. 17925 OF FED-STD-595. ALL HOLES TO BE FREE OF PAINT | PASS | N/A | N/A | C of C from special process supplier Form 4707 completed / reviewed |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATIONSheet: 4 of 5

| | | | | | | | |
|--|-------------------------------|--------------------------------------|--|----------------------------------|--|-------------------------------------|--|
| 1. Part Number LS1151268-011 | | 2. Part Name GRAB HANDLE | | 3. Serial Number N/A | | 4. FAIR Number VFP 000000 | |
| Characteristic Accountability | | | | Inspection / Test Results | | | |
| 5. Char No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10. Designed / Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Date / Comments: |
| 7 | S1 / G8 | MINOR | 7. ITEM IDENTIFICATION: RUBBER STAMP OR STENCIL THE FOLLOWING MARKINGS IN ACCORDANCE WITH MIL-STD-130 USING BACK EPOXY INK PER A-A-56032, IN 4-7 mm HIGH CHARACTERS, 01417-LS1151268-011 MFR- MANFACTLRER'S CAGE CODE | 6mm | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | 01417-LS1151268-011 MFR XXXXX |
| 7.1 | S1 / C5 | MINOR | NOTE 7 LOCATION | PASS | N/A | N/A | N/A |
| 8 | S1 / F8 | MINOR | 8. AFTER PROTECTIVE FINISH CUT A PIECE OF FN 3 TO APPROXIMATELY 400mm AND APPLY TO FN 1 IN OVERLAPPING WRAPS COVERING THE APPROXIMATE AREA SHOWN | PASS | N/A | N/A | N/A |
| 8.1 | S1 / C4 | MINOR | NOTE 8 LOCATION | PASS | N/A | N/A | N/A |
| 9 | S1 / F8 | MINOR | 9. INSTALL FN 4 WITH THE SCREW HEAD ON THE TOPSIDE OF FN 2 WHERE SHOWN AND THEN INSTALL THE WASHER FINGER TIGHT FROM THE BACKSIDE OF FN 2 TO SECURE FOR SHIPMENT | PASS | N/A | N/A | N/A |
| 9.1 | S1 / E2 | MINOR | NOTE 9 LOCATION | PASS | N/A | N/A | N/A |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATIONSheet: 5 of 5

| 1. Part Number LS1151268-011 | | 2. Part Name GRAB HANDLE | | 3. Serial Number N/A | | 4. FAIR Number VFP 000000 | |
|--|------------------------|------------------------------------|---|--------------------------------|--|-------------------------------------|---------------------------------|
| Characteristic Accountability | | | | Inspection / Test Results | | | |
| 5. Char No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10. Designed / Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Date / Comments: |
| 10 | S1 / G5 | MINOR |  | 4.51 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 11 | S1 / G3 | MINOR |  | 1.00- 1.02 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |
| 12 | S1 / G2 | MINOR |  | 6.25 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 13 | S1 / F2 | MINOR |  | 3 | Fillet Gauge FG5642 CAL DUE 02/14/26 | N/A | N/A |
| 14 | S1 / D2 | MINOR |  | 27.40-27.80 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 15 | S1 / C2 | MINOR |  | 9.0-9.15 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 16 | S1 / C2 | MINOR |  | 2.0-2.5 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |
| 17 | S1 / C2 | MINOR |  | .50-60 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |

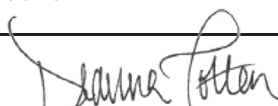
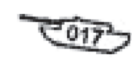


THE SUPPORTING PACK SLIPS AND COCs FOR THIS LEVEL WOULD BE LOCATED HERE

B.1 Form 1 - Part Number AccountabilitySheet: 1 of 4

| | | | |
|--|---|-----------------------------------|--------------------------------|
| 1. Part Number: | 2. Part Name: | 3. Serial Number: | 4. FAIR Identifier: |
| LS2222 | TUBE | N/A | VFP 000000 |
| 5. Part Revision Level: | 6. Drawing Number: | 7. Drawing Revision Level: | 8. Additional Changes: |
| - | LS2222 | - | N/A |
| 9. Manufacturing Process Reference: | 10. Organization Name: | 11. Supplier Code: | 12. Purchase Order No.: |
| WO 26549-1 | Jos FAB LAB | 1202555 / XXXXX | 3335554441 REV 03 |
| 13. Detail Part FAI: <input checked="" type="checkbox"/> | 14. Full FAI: <input checked="" type="checkbox"/> Partial FAI: <input type="checkbox"/> | | |
| Baseline Part Number (including revision level): | | LS2222 REV - | |
| Assembly FAI: <input type="checkbox"/> | Reason for Full/Partial FAI: FIRST TIME MANUFACTURING | | |
| a) If above part number is a detail part only, go to Field 19. | | | |
| b) If above part number is an assembly, go to the "INDEX" section below. | | | |

INDEX of part numbers or sub-assembly numbers required to make the assembly noted above.

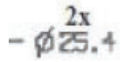

| | | | |
|--|--|-----------------------|-----------------------------|
| 15. Part Number: | 16. Part Name: | 17. Part Type: | 18. FAIR Identifier: |
| N/A | N/A | N/A | N/A |
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| 19. Does FAIR Contain a Documented Nonconformance(s)? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | | |
| 20. FAIR Verified By: | Sam Smith {INSERT STAMP HERE IF APPLICABLE} | 21. Date: | 11/19/2025 |
| 22. FAIR Reviewed By: | Jo Fabman {INSERT STAMP HERE IF APPLICABLE} | 23. Date: | 11/19/2025 |
| 24. Customer Approval: |   | 25. Date: | 11/21/2025 |
| 26. Comments: | QY11, QJ21, QX118, QL46 | | |
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B.3 FORM 2 - PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTINGSheet: 2 of 4

| | | | | | | | |
|--|--|--|--|-------------------------------------|--|---------------------------|--|
| 1. Part Number: | | 2. Part Name: | | 3. Serial Number: | | 4. FAI Identifier: | |
| LS2222 | | TUBE | | N/A | | VFP 000000 | |
| 5. Material or Process Name | | 6. Specification Number | | 7. Code | | 8. Supplier | |
| 9. Customer Approval Verification | | 10. Certificate of Conformance Number | | | | | |
| MATERIAL: Tubing Aluminum Alloy 6061-T6 or 6061-T6511 25.4mm OD x 2.18mm or 1.0 OD x .12" Wall | | ASTM B210 or ASTM B221 | | N/A | | Tom's Aluminum | |
| | | | | | | N/A | |
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| 11. Functional Test Procedure Number | | | | 12. Acceptance Report Number | | | |
| N/A | | | | N/A | | | |
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| 13. Comments: | | N/A | | | | | |
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B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

Sheet: 3 of 4

| 1. Part Number LS2222 | | 2. Part Name TUBE | | 3. Serial Number N/A | | 4. FAIR Number VFP 000000 | |
|---------------------------------|------------------------|-------------------------------|---|--------------------------------|---|-------------------------------------|---------------------------------|
| Characteristic Accountability | | | | Inspection / Test Results | | | |
| 5. Char No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10. Designed / Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Date / Comments: |
| 1 | S1 / H8 | MINOR | 1. MATERIAL: TUBING, ALUMINUM ALLOY 6061-T6 OR 6061-T6511, SPEC. ASTM B210 OR ASTM B221. DIA 25.4mm OD X 3.18mm WALL THICKNESS (11.0 DIA X .12 INCH WALL THICKNESS) | PASS- COC | N/A | N/A | N/A |
| 2 | S1 / H8 | MINOR | 2. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994 | PASS | N/A | N/A | N/A |
| 3 | S1 / G8 | MINOR | 3. ASTM SI 10 APPLIES. ANNEX B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH = 25.4 mm APPLIES. | PASS | N/A | N/A | N/A |
| 4 | S1 / G8 | MINOR | 4. MATERIAL SHALL BE FREE OF OIL, MACHINING FLUIDS, GREASE, OR OTHER CONTAMINANTS THAT MAY HAVE AN ADVERSE AFFECT ON WELDING. | PASS | N/A | N/A | N/A |
| 5 | S1 / G8 | MINOR | 5. REMOVE ALL BURRS AND SHARP EDGES. | PASS | N/A | N/A | N/A |
| 6 | S1 / C6 | MINOR |  LINEAR DIMENSIONS ± .5 | 25.32-25.54 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 7 | S1 / E4 | MINOR |  | 448.24 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATIONSheet: 4 of 4

| | | | | | | | |
|--------------------------------------|-------------------------------|--------------------------------------|----------------------------------|----------------------------------|--|-------------------------------------|--|
| 1. Part Number LS2222 | | 2. Part Name TUBE | | 3. Serial Number N/A | | 4. FAIR Number VFP 000000 | |
| Characteristic Accountability | | | | Inspection / Test Results | | | |
| 5. Char No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10. Designed / Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Date / Comments: |
| 8 | S1 / C6 | MINOR | 2x -737.3 ± 1.5 | 37.51-37.60 | RADIUS GAGE ID X1245866 CAL DUE 10/31/26 | N/A | N/A |
| 9 | S1 / D3 | MINOR | 2X 54.7 ± 2 | 54.70-54.92 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 10 | S1 / C1 | MINOR | 2X 57.4 LINEAR DIMENSIONS ± .5 | 67.45- 67.21 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |

THE SUPPORTING PACK SLIPS AND COCs FOR THIS LEVEL WOULD BE LOCATED HERE

B.1 Form 1 - Part Number Accountability

Sheet: 1 of 4

| | | | |
|---|---|-----------------------------------|--------------------------------|
| 1. Part Number: | 2. Part Name: | 3. Serial Number: | 4. FAIR Identifier: |
| LS2223 | PLATE | N/A | VFP 000000 |
| 5. Part Revision Level: | 6. Drawing Number: | 7. Drawing Revision Level: | 8. Additional Changes: |
| - | LS2223 | - | N/A |
| 9. Manufacturing Process Reference: | 10. Organization Name: | 11. Supplier Code: | 12. Purchase Order No.: |
| WO 26549-2 | JOs FAB LAB | 1202555 / XXXXX | 3335554441 REV 03 |
| 13. Detail Part FAI: <input checked="" type="checkbox"/> | 14. Full FAI: <input checked="" type="checkbox"/> Partial FAI: <input type="checkbox"/> | | |
| Baseline Part Number (including revision level): | | LS2223 REV - | |
| Assembly FAI: <input type="checkbox"/> | Reason for Full/Partial FAI: FIRST TIME MANUFACTURING | | |

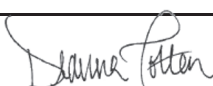

a) If above part number is a detail part only, go to Field 19.

b) If above part number is an assembly, go to the "INDEX" section below.

INDEX of part numbers or sub-assembly numbers required to make the assembly noted above.

| | | | |
|-------------------------|-----------------------|-----------------------|-----------------------------|
| 15. Part Number: | 16. Part Name: | 17. Part Type: | 18. FAIR Identifier: |
| N/A | N/A | N/A | N/A |
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19. Does FAIR Contain a Documented Nonconformance(s)? YES ☐ NO ☒

| | | | | |
|-------------------------------|--|-----------------------------------|------------------|------------|
| 20. FAIR Verified By: | Sam Smith | {INSERT STAMP HERE IF APPLICABLE} | 21. Date: | 11/19/2025 |
| 22. FAIR Reviewed By: | Jo Fabman | {INSERT STAMP HERE IF APPLICABLE} | 23. Date: | 11/19/2025 |
| 24. Customer Approval: |   | | 25. Date: | 11/21/2025 |
| 26. Comments: | QY11, QJ21, QX118, QL46 | | | |


B.3 FORM 2 - PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTING

Sheet: 2 of 4

| | | | | | | | |
|--|--------------------------------|----------------------|--------------------|--|---|---------------------------|--|
| 1. Part Number: | | 2. Part Name: | | 3. Serial Number: | | 4. FAI Identifier: | |
| LS2223 | | PLATE | | N/A | | VFP 000000 | |
| 5. Material or Process Name | 6. Specification Number | 7. Code | 8. Supplier | 9. Customer Approval Verification | 10. Certificate of Conformance Number | | |
| MATERIAL: Aluminum Alloy 6061-T651 or T6511 7.94mm or 1.312 Inch Thick | ASTM B209 or ASTM B221 | N/A | Tom's Aluminum | N/A | TA4660-056 Feb 23, 2019 - Heat/Lot 365-22319 | | |
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| 11. Functional Test Procedure Number | | | | 12. Acceptance Report Number | | | |
| N/A | | | | N/A | | | |
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| 13. Comments: | | N/A | | | | | |
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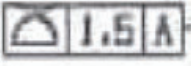


B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

Sheet: 3 of 4

| 1. Part Number | | 2. Part Name | | 3. Serial Number | | 4. FAIR Number | |
|-------------------------------|------------------------|-------------------------------|---|---------------------------|--|----------------------------|---------------------------------|
| LS2223 | | PLATE | | N/A | | VFP 000000 | |
| Characteristic Accountability | | | | Inspection / Test Results | | | |
| 5. Char No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10. Designed / Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Date / Comments: |
| 1 | S1 / H8 | MINOR | 1. MATERIAL: Aluminum Alloy, 6061-T651 or T6511, ASTM B209 OR ASTM B221 7.94mm or 1.312 Inch Thick | Pass- COC | N/A | N/A | N/A |
| 2 | S1 / G8 | MINOR | 2. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994 | Pass | N/A | N/A | N/A |
| 3 | S1 / G8 | MINOR | 3. ASTM SI 10 APPLIES. ANNEX B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH = 25.4 mm APPLIES. | Pass | N/A | N/A | N/A |
| 4 | S1 / G8 | MINOR | 4. MATERIAL SHALL BE FREE OF OIL, MACHINING FLUIDS, GREASE, OR OTHER CONTAMINANTS THAT MAY HAVE AN ADVERSE AFFECT ON WELDING. | Pass | N/A | N/A | N/A |
| 5 | S1 / G8 | MINOR | 5. REMOVE ALL BURRS AND SHARP EDGES. | Pass | N/A | N/A | N/A |
| 6 | S1 / F6 | MINOR |  | 10.01-10.06 | RADIUS GAGE ID X1245866 CAL DUE 10/31/26 | N/A | N/A |

B.5 FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

Sheet: 4 of 4

| 1. Part Number | | 2. Part Name | | 3. Serial Number | | 4. FAIR Number | |
|-------------------------------|------------------------|-------------------------------|---|---------------------------|---|----------------------------|---------------------------------|
| LS2223 | | PLATE | | N/A | | VFP 000000 | |
| Characteristic Accountability | | | | Inspection / Test Results | | | |
| 5. Char No.: | 6. Reference Location: | 7. Characteristic Designator: | 8. Requirement: | 9. Results: | 10. Designed / Qualified Tooling: | 11. Nonconformance Number: | 12. Additional Date / Comments: |
| 7 | S1 / D6 | MINOR |  | 1.29 | CMM ID X1245588 CAL DUE 12/01/26 | N/A | N/A |
| 8 | S1 / C5 | MINOR |  | 80.64 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |
| 9 | S1 / E2 | MINOR |  | 38.02 | CALIPERS ID X12S456 CAL DUE 11/10/26 | N/A | N/A |

THE SUPPORTING PACK SLIPS AND COCs FOR THIS LEVEL WOULD BE LOCATED HERE