
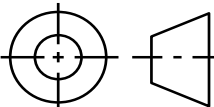


| | | | | | | | | | | | | | | | | | |
|--|---------|-----------|---|-----------------|---|---|---|---|---|--|----|-------------------|----|------------------------------------|---|---|---|
| APPLICATION | | REVISIONS | | | | | | | | | | | | | | | |
| NEXT ASSY | USED ON | LTR | | DESCRIPTION | | | | | | | | DATE | | APPROVED | | | |
| 1F67700-1 | OCU | — | | Initial Release | | | | | | | | 10-20-2016 | | CAH | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| REVISION | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FOLDER | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | |
| ITAR CONTROLLED DOCUMENT | | | | | | | | | | UNITED LAUNCH ALLIANCE PROPRIETARY INFORMATION | | | | | | | |
| This technical data is controlled under the U.S. International Traffic in Arms Regulation (ITAR) and may not be exported to a foreign person, either in the U.S. or abroad, without the proper authorization by the U.S. Department of State. | | | | | | | | | | Export-Controlled Data | | | | | | | |
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: (MM) TOLERANCES: DECIMALS: .xx ± .02 (± 0.5) .xxx ± .005 (± 0.13) FRACTIONS: ± 1/64 (± 0.4) ANGLES: ±30' INDUSTRY STANDARD TOLERANCES APPLY FOR GAUGE, TUBING, AND BAR STOCK | | | | | | | | | | CURRENT DRAWING RELEASE/ REVISION GENERATED UTILIZING THE FOLLOWING SOFTWARE: Microsoft® Word 2013 | | | | | | | |
| | | | | | | | | | | WARNING – This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C. 2571 et seq.) or Executive Order 12470. Violation of these export control laws is subject to severe criminal penalties. Dissemination of this document is controlled under DoD Directive 5230.25 and AFI 61-204. | | | | | | | |
| | | | | | | | | | | Data contained herein is United Launch Alliance Corporation Proprietary Information. Its use, duplication, or disclosure is subject to the restrictions as stated in the non-disclosure agreement between the Supplier and ULA. | | | | | | | |
| | | | | | | | | | |  | | | | | | | |
| | | | | | | | | | | ACCEPTANCE DATA PACKAGE FOR THE OCU, PN 1F67700-1, SN 0034 | | | | | | | |
| | | | | | | | | | | SIZE A | | FSCM NO. 80045 | | DWG NO. ADP1F67700-1 SN 0034 | | | |
|  3RD ANGLE PROJECTION | | | | | | | | | | SCALE | | SHEET 1 | | | | | |

UNITED LAUNCH ALLIANCE PROPRIETARY INFORMATION
Export-Controlled Data

Use or disclosure of data contained on this sheet is subject to the restrictions on the title page of this document

TABLE OF CONTENTS

OCU1F67700-1 SN 0034

History of OCUSN 0034:

Refer to the "SN 0034_Chronological_Log in Sub Folder 01 under Acceptance Documentation in Folder 07 Top Level Data of the ADP for the specific dates of each of the following events.

An Electrical Bonding Test and Resistance & Isolation test were performed on both CH1 and CH2. The tests completed without anomaly. S/N 0034 was placed in the thermal chamber and started a Combo test which included a Pre-Thermal Functional, Thermal Cycles 1-4, and a Post Thermal Functional. S/N 0034 successfully completed the Pre-Thermal Cycle Functional Test and started Thermal Cycles. S/N 0034 completed Cycles 1-4 of the 4 Cycle test and successfully completed the Post-Thermal Cycle functional test. The Trend Analysis was approved. The ATP Test Set cables were passed through the wall. A wrap box self-test was performed to verify the test set. With the configuration in the Z-Axis, the table was equalized. S/N 0034 successfully completed the Z-Axis Vibration Test. The table was changed to the X-Axis configuration and the table equalized. S/N 0034 then successfully completed the X-Axis Vibration Test. After changing the table configuration to the X-Axis and the table was equalized. S/N 0034 successfully completed the X-Axis Vibration Test. S/N 0034 then completed an Ambient Functional Test without issue and the trend analysis was approved. A self-test was successfully performed on the Burn-In Test Set. S/N 0034 was placed in the Burn-In chamber and began cycling. S/N 0034 completed cycle's #1 of IAT Burn-In Test. An anomaly occurred during the ramp from hot of cycle #2 to cold of cycle #3, due to the thermal chamber. Ref AR-0136

S/N 0034 Re-started Burn-in, at the beginning of cycle #2, and completed without anomaly. S/N 0034 completed cycles #3, and #4 of IAT Burn-In Test. The test was manually stop after the end of Cycle #4. Ref AR-0141

S/N 0034 was placed in the thermal chamber and started a Combo test which included a Pre-Thermal Functional, Thermal Cycles 5-8, and a Post Thermal Functional. Anomaly occurred during the start of the test due to a test-set. Ref AR0142

After the test-set was validated. S/N 0034 was placed in the thermal chamber and started a Combo test which included a Pre-Thermal Functional, Thermal Cycles 5-8, and a Post Thermal Functional. S/N 0034 successfully completed the Pre-Thermal Cycle Functional Test and started Thermal Cycles. S/N 0034 completed Cycles 5-8 of the 4 Cycle test and successfully completed the Post-Thermal Cycle functional test. The Trend Analysis was approved. A final Resistance and Isolation, and Bonding Test were completed without anomaly.

This concludes IAT testing on OCU S/N 0034.

| | | | | |
|--|------------------|--------------------------|--|---|
| Use or Disclosure of Information Contained Herein is Subject to the ITAR and Proprietary Information Restrictions Detailed on the Cover Page of this Document. | SIZE A | CAGE NO. 80045 | DRAWING NO. ADP1F67700-1 SN 0034 | |
| | SCALE: N/A | REV: - | SHEET | 2 |

UNITED LAUNCH ALLIANCE PROPRIETARY INFORMATION
Export-Controlled Data

Use or disclosure of data contained on this sheet is subject to the restrictions on the title page of this document

Data in Acceptance Data Package:

Section 01: Approved Material and Parts List (AMPL)

Section 02: Configuration Summary

Section 03: Data Pack Summary (Sub-Assembly Locations and Serial Numbers)

Section 04: Packaging Requirements

Section 05: Suppliers Certification of Conformance

Section 06: Subassembly Electrical Acceptance Data

1. 1F67730-1
 - 1) Traceability
 - 2) Photographs
2. 1F67740-1
 - 1) Traceability
 - 2) Photographs
 - 3) Test Data
 - 4) Deviations
3. 1F67750-1
 - 1) Traceability
 - 2) Photographs
 - 3) Test Data
 - 4) Deviations

Section 07: Top Level Data

1. Traceability
2. Photographs
3. Acceptance Documentation
 - 1) Chronological Log
 - 2) Manual Data Sheets
 - 3) Test Data
 - 4) Trend Data
 - 5) Thermal Ramps
 - 6) Vibration Data
 - 7) Operation Hours
 - 8) Equipment List
 - 9) Deviations

Use or Disclosure of Information Contained
Herein is Subject to the ITAR and
Proprietary Information Restrictions
Detailed on the Cover Page of this
Document.

SIZE

A

CAGE NO.

80045

DRAWING NO.

ADP1F67700-1
SN 0034

SCALE: N/A

REV: -

SHEET 3