

CERTIFICATE OF COMPLIANCE

A This is to certify that the above listed product is manufactured and tested to comply with manufacturing process controls as established by the Horizons Imaging Systems Group (ISG).

All ISG products and solutions are lot tracked to date of manufacture with traceability to the original raw materials. Lot number and date of manufacture (DOM) are printed upon each product package label.

Adhesives sold in rolls have a shelf life of 18 months from the time of shipment to Horizons, Inc., when stored at room temperature conditions of 72°F & 50% relative humidity. Storage in plastic bag is recommended. Be advised that the adhesive manufacturer notes that the shelf life is intended for the storage of the unconverted product only. The manufacturer does not provide a shelf life recommendation for the final application such as labels and nameplates when to apply the final adhesive laminated part is left to the discretion of the end user. The 3M pressure sensitive adhesive products conform to the requirements of MIL-DTL-19834C, Type I.

All products and solutions (except as noted below) have a minimum shelf life or storage life of one (1) year from ship date when unopened and in original packaging.

EconAlum aluminum plates have a shelf life of two years from ship date, when stored in their original, unopened package in a room maintained at a temperature of 68 ±2°F and at a relative humidity of 50 ±2% only.

NOTE: Materials must be stored at 68 -72°F unless otherwise noted.

B **Metalphoto Certification:**

When processed in accordance with ISG's instructions, the Metalphoto photosensitive anodized

CERTIFICATE OF COMPLIANCE

aluminum listed above can be used to meet requirements of:

- MIL-A-8625F Amendment 1, Type II, Class 1 & 2
- GG-P-455B (3), Type I, Class 1, Grade A (Prod. Group I) or Class 2, Grade A (Prod. Group II)
- DMS-1674G, Class 1 Type 3 and Class 2
- MIL-DTL-15024G, Type G
- DMS-1674G, Class 1 Type 1 and Class 1 Type 2
- MIL-DTL-15024E, Type H (.012 and thicker)
- MIL-DTL-19834C (0.003", foil)
- A-A-50271 (superseding Mil-P-514D), Composition A, Class 2 and Composition C
- MIL-P-6906B, Type I & II, when the material specified is photosensitive aluminum plate

D Metalphoto photosensitive anodized aluminum is an end product manufactured in the United States as defined by FAR 52.225-1 and FAR 252.225-7001.

The material(s) listed are anodized per and in accordance with MIL-A-8625F, Amendment 1, for photosensitized nameplates (Ref. Section 3.4.2.2).

Metalphoto photosensitive aluminum plates have a shelf life of two years from ship date, when stored in their original, unopened package in a room maintained at a temperature of 68 ±2°F and at a relative humidity of 50 ±2% only. Shelf life of product may be extended if properly stored in original container, temperature/humidity conditions are met and product shows no deleterious effect after processing.

Seller hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Boeing’s Federal Aviation Administration (FAA) issued production certificate 700 as applicable.

I The anodized aluminum conforms to the requirements of LGMS 3001.
 For materials defined as plate and sheet (≥0.006” thickness): The 1100 alloy conforms to the requirement of SAE-AMS-QQ-A-250/1, rev. A and ASTM B209-14.
 For materials defined as foil (<0.006” thickness): The 1100 alloy conforms only to the chemical composition of the following: SAE-AMS-QQ-A-250/1, rev. A, ASTM B209-14, ASTM B479-06, QQ-A-1876, Type III.

1100 ALLOY - CHEMICAL ANALYSIS (%)

Si & Fe (Combined)		<u>Cu</u>	<u>Mn</u>	<u>Zn</u>	<u>Each</u>	<u>Total</u>	<u>Al</u>
	min	.05					99.0

CERTIFICATE OF COMPLIANCE

.95 max .20 .05 .10 .05 .15

L Horizons does not employ chromic acid anodizing in any anodizing process within its facilities. Equipment containing mercury or mercury compounds has not been used for fabrication, packaging, examination or testing of parts or assemblies of material supplied on this order.

We certify that the foregoing information is true for the product(s) listed. Evidence of compliance with specifications is on file in our office and is available for inspection by qualified personnel at any time. The recording of false, fictitious or fraudulent statements or entries on this document may be punishable as a felony under Federal Statute.

Signed *Patrick Miller*
Patrick Miller -- QC Manufacturing Engineer