



ZIN Technologies

ZIN Manufacturing and Fabrication Capabilities



Mechanical, Electrical & Additive Manufacturing Capabilities

All manufacturing at ZIN is managed through our ZIN AS9100C Quality Management System (QMS). The Manufacturing Work Flow Process (P09014) is managed through the QMS. This process has been applied to Class A/B Mission critical hardware.

The ZIN QMS includes an Approved Vendors List (AVL) for the procurement of non-catalog items and services such as mechanical parts manufacture, EEE parts, and PWB manufacture. Suppliers must be audited by ZIN QA to be added to the AVL.

ZIN Certifications:

ZIN has certified trainers to the NASA and IPC standards

- NASA-STD-8739.1
- NASA-STD-8739.2
- NASA-STD-8739.3
- NASA-STD-8739.4
- 5GSFC-WM-001
- J-STD-001 Space Addendum
- IPC-A-600

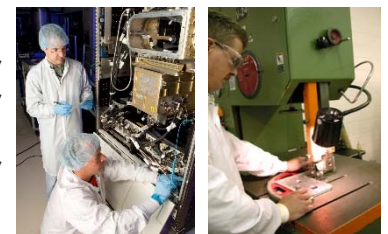


R xu p d q x i d f w u l j d q g i d e u l f d w i r q f d s d e l w l b f o x g h v d p d f k l h v k r s d q g d q d g g l y h p d q x i d f w u l j i d f l w l p h w d o d o r l v d q g s r q p h w , / d q g s l f n d q g s o l f h d h p d q d j h g w k u r x j k p d w u b o d q g s u r f h v v f r q w u r o s o l q v / H H H s d u w f r q w u r o f r q w u p b d w i r q f r q w u r o u m p d q d j h p h q w / d q g h q j b h h u b j f r q i r u p d q f h p d q d j h p h q w d q g u h y l z 1

P h f k d q l f d o 0 l i q v b q k r x v h p h f k d q l f d o p d q x i d f w u l j i d f l w l s u r g x f h v f r q f h s w e u h d g e r d u g / s u r w r w l s h / d q g i d j k w k d u g z d u h l l i q d o r s u r y b h v s u r g x f w i r q r i s u r w r w l s h d q g i d j k w k d u g z d u h / d q g w h f d s d e l w l w r u d s l q d p r g l i s d u w w r p h h w f k d q j l j u h t x l h p h q w d q g v f k h g x d h l R x u o l e v d u h h t x l s s h g z l k d o w d q g d u g w h w h t x l s p h q w o l p b d u i r z d q g r s w l f v e h q f k h v / d q g w e r w k h u p d o w h w f k d p e h w l D f o l v 4 3 3 N F o d q U r r p z l k 4 3 N o l p b d u i r z e h q f k h v s u r y b h z r u n v s d f h i r u d v v h p e d d q g w h w l j r i f r q w u p b d w i r q 0 v h q v l y h f r p s r q h q w l

H o f w l f d o 0 l i q v b q k r x v h h o f w l f d o d v v h p e d i d f l w l b f o x g h v d s l f n o d q g o s o l f h f d s d e l w l / d o d g i r u p b j / v r o g h u w d w i r q v / u h z r u n w d w i r q v / d q g u h i r z i r u h o f w l f d o d v v h p e d h v l R x u i d f l w l d o r z v d v v h p e d r i v x u i d f h q p r x q w h f k g r a r j l / b f o x g l j E J D / F J D / d q g d o d g o v v f k l s f d u i h w l I r u h o p h q w w k d w f d q q r w e h k d q g 0 v r o g h u g d q g y l x d o l b j v s h f w h g / l i q k d v u h z r u n d q g u h i r z f d s d e l w l v l w k h v h h o p h q w d u h b j v s h f w h g z l k l u d l l i q k d v f h w i l h g w d b h w d q g w h f k q l f b q v w r w h Q D V D / M / d q g I S F w d q g d u g v / f h w i l h g w r Q D V D O V W G 0 ; : 6 < i r u f d e d q j / w o n l j f r p s r q h q w / d q g f r q i r u p d o f r d w l j 1

- Our manufacturing and fabrication capabilities include electrical assembly, machine shop, and additive manufacturing facility (metal alloys and polymer).
- ZIN maintains 18,000 square feet of secured manufacturing floor space.
- Bonded storage, fabrication, assembly, and testing activities occur in temperature and humidity controlled areas.
- ZIN is committed to Lean manufacturing and has implemented 5S practices (sort, set in order, shine, standardize & sustain) within our manufacturing facility.



ZIN Technologies Inc.

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Founded in 1957, ZIN provides multidisciplinary engineering services to NASA and the aerospace industry and has managed the development of space flight and ground system hardware (aerospace/space systems) from formulation, design, and development through to fabrication, integration, testing, verification, and mission operations.

Our experience includes the development and validation of new technologies (sensors, inertial navigational measurement units (IMUs), composites, advanced acoustic resonant attenuation, optics, power, additive manufacturing and wireless/RF), ISS research investigations, space launch systems (Orion, commercial crew/resupply), satellite (IMU) accelerometer systems, and space based human research projects enabling future space and science missions.

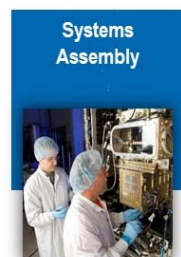
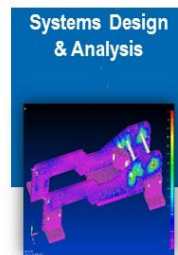


Focus on Quality - Certified and Compliant with Industry and Government Quality Standards



ZIN Technologies, Inc. is an experienced developer of ground and flight systems for manned and unmanned aerospace applications. Marking history for almost five decades, we have provided integrated hardware and software development products and services to NASA, DoD and Fortune 500 companies.

OUR PRODUCTS & SERVICES



- ❑ Minority Owned-SDB
- ❑ AS9100C certified
- ❑ Experienced Team of scientists, engineers, designers, and technicians

- ❑ DCAA Approved Forward Pricing
- ❑ Headquartered Cleveland Ohio
- ❑ Award Winning Capabilities

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