



U.S. Department
of Transportation
**Federal Aviation
Administration**

Southwest Region
Arkansas, Louisiana,
New Mexico, Oklahoma,
Texas

Manufacturing Inspection District Office
2601 Meacham Blvd., SW MIDO-42
Ft. Worth, Texas 76137-4298

MAY 16 2005

Mr. Melvin Barker
Quality Manager
Instrument Tech Corp.
15060 Beltwood Parkway East
Addison, Texas 75001

Dear Mr. Barker:

PMA NO: PQ1021SW

This is in response to your letter dated April 1, 2005, regarding application for Federal Aviation Administration Parts Manufacturer Approval (FAA-PMA).

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of 14 CFR part 21 (part 21), Subpart K, the FAA finds that the design data, submitted by Instrument Tech Corp., (hereinafter referred to as "the Manufacturer") on April 1, 2005, meets the airworthiness requirements of the Federal Aviation Regulations applicable to the product(s) for which the part is intended. Additionally, the FAA determined that Instrument Tech Corp. established the fabrication inspection system required by part 21 § 21.303(h) at 15060 Beltwood Parkway East, Addison, Texas. Accordingly, The FAA grants Parts Manufacturer Approval (PMA) to the manufacturer, to produce the replacement parts (or modification parts, as applicable) listed in the enclosed supplement in conformity with the FAA-approved design data. The FAA must approve any subsequent changes to these design data in a manner acceptable to the FAA.

The following terms and conditions apply to this approval:

1. The manufacturer's fabrication inspection system, methods, procedures and manufacturing facilities, including suppliers, are subject to FAA surveillance or investigations. Accordingly, the manufacturer shall advise their suppliers that their facilities are subject to FAA surveillance and investigation.
2. If the manufacturer relocates or expands to include additional facilities at other locations, they shall notify our district office (address) in writing within 10 days from the date of relocation. This requirement also applies to the manufacturer's suppliers, but only those who are delegated

major inspection authorization and also those who furnish parts or related services where the manufacturer cannot or will not make a determination as to safety and conformance to the approved design upon receipt at the approved receiving facility.

3. The manufacturer must make available to FAA, upon request, any pertinent information concerning their suppliers who furnish parts/services, including:

- a. A description of the part or service;
- b. Where and by whom the part or service will undergo inspection;
- c. Any delegation of inspection duties;
- d. Any delegation of materials review authority;
- e. Name and title of FAA contact at the supplier facility;
- f. The inspection procedures required;
- g. Any direct shipment authority;
- h. Results of the manufacturer's evaluation, audit, and/or surveillance of their suppliers;
- i. The purchase/work order number (or equivalent);
- j. Any feedback relative to service difficulties originating at the manufacturer's suppliers.

4. The manufacturer shall not use parts, appliances, or manufacturing services furnished by any suppliers located in a foreign country in the production of any part or appliance listed in the enclosed supplement unless:

a. The part or service can and is completely inspected for conformity at the manufacturer's U.S. facility; or

b. The FAA determines that the location of the foreign supplier facility places no undue burden on the FAA in administering applicable airworthiness requirements. When the manufacturer contemplates the use of such foreign suppliers, the manufacturer shall advise the FAA at least 10 days in advance to allow the FAA to make this determination; or

c. The foreign supplier produces parts/services furnished under the "components" provisions of U.S. bilateral airworthiness agreements, and approved for import to the U.S. in accordance with part 21 § 21.502.

5. The manufacturer shall permanently mark parts produced under the terms of this approval with the identification information required by 14 CFR part 45 (part 45) § 45.15, i.e., with the letters "FAA-PMA," the name, trademark, or symbol of the company, the part number, and the name and model designation of each type certificated product on which the part is eligible for installation. The FAA, if the part is too small or if it is otherwise impractical to mark, must approve alternate means of identification. In the case of a part based on an STC, the identification of installation-eligible type certificated products must include reference to the STC on the shipping document. If the FAA granted PMA for an assembly, detail parts of the assembly sold separately must have markings in accordance with the requirements of part 45 § 45.15 and reference the assembly PMA part number on the shipping document.

6. This approval is not transferable and the FAA may withdraw it for any reason which would preclude its issuance; or at any time that the FAA finds that the fabrication inspection system is

not being maintained; or if the manufacturer accepts unsafe or nonconforming parts through the fabrication inspection system.

7. The manufacturer shall notify the FAA district office within 10 days from the date that the manufacturer changes the address shown in this approval.

8. The manufacturer shall maintain their fabrication inspection system in continuous compliance with the requirements of part 21 § 21.303(h), and ensure that each part conforms to the approved design data and is safe for installation on type-certificated products.

9. The manufacturer is eligible for the appointment of qualified individuals in their employ to represent the FAA as Designated Manufacturing Inspection Representatives (DMIRs) or Organization Designated Airworthiness Representatives (ODARs).

10. The manufacturer shall report to our district office in a timely manner, information concerning service difficulties on any part produced under this approval, in addition to any failures, malfunctions, and defects reports required by part 21 § 21.3.

11. The manufacturer shall make available to the FAA at the facility where the manufacturer produces the parts, all technical data required by part 21 § 21.303(c)(3), for the parts produced under this approval.

12. The manufacturer shall notify our district office immediately in writing of any changes to the Fabrication Inspection System that may affect the inspection, conformity, or airworthiness of the parts approved by this letter.

13. The manufacturer shall produce all parts in accordance with Instrument Tech Corp., Fabrication Inspection Manual, Revision Original, dated April 14, 2005, presented as evidence of compliance with part 21 § 21.303(h). Accordingly, the manufacturer must submit any revisions to these data for approval by this office before implementation.

Sincerely,



Vaughn N. Schmitt
Manager, Manufacturing Inspection District Office

Enclosure:
Parts Manufacturer Approval Supplement Number 1