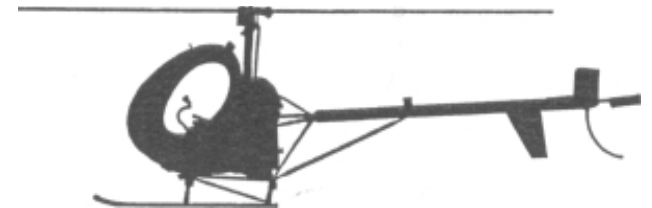
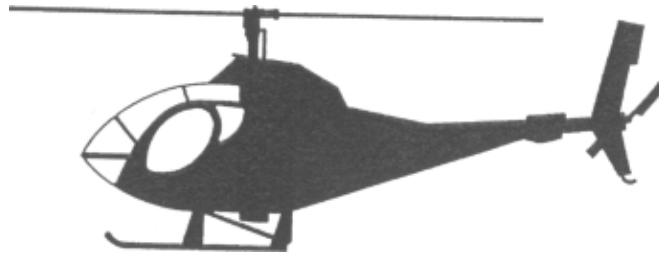
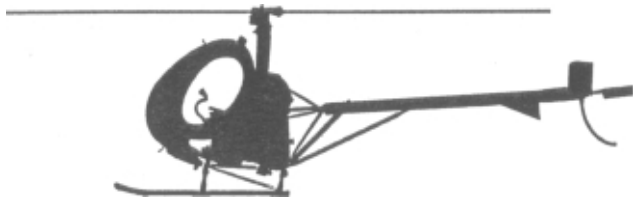


Schweizer Aircraft Corp.
QUALITY ASSURANCE ATTACHMENT

F-250



Elmira/Corning Regional Airport
1250 Schweizer Road
Horseheads, NY 14845, USA

Phone: (607) 739-3821
Fax: (607) 796-2488
E-mail: schweizer@sacusa.com

The following Quality Assurance provisions, with their terms and conditions, become an integral part of the contract to the extent specified in the purchase order. These provisions supplement, but do not supersede, the presently existing terms and conditions of the purchase order. The Seller will include in each shipment to Schweizer in addition to the packing sheet, objective evidence of quality demonstrating compliance with applicable specifications.

The Seller may, at any time, request technical assistance from Schweizer Quality Assurance, Manufacturing, Manufacturing Engineering, or Engineering by contacting the buyer. Quality Technical instruction will be provided, as needed, to present interpretations of Schweizer Quality assurance requirements.

Sellers are urged to communicate to Schweizer Quality Assurance and the buyer any findings, which could affect the quality of products, supplied to Schweizer. Schweizer Quality Assurance will work closely with Suppliers to combine knowledge and talents.

| Denotes Changes to this revision

- 1 **MIL-1-45208A, ISO 9002 or AS 9100:** The Seller and his Subcontractor shall, in the performance of this purchase order, provide and maintain an Inspection system, which is in compliance with Military Specification MIL-I-45208. "Inspection System Requirements", ISO 9002 Quality Systems, or AS 9100 Aerospace Quality Systems
- 2 **MIL-Q-9858A, ISO 9001 or AS 9100:** The Seller shall, in the performance of this purchase order, provide and maintain a quality control system which is in compliance with Military Specification MIL-Q-9858. "Quality Program Requirements", ISO 9001 Quality Systems or AS 9100 Aerospace Quality Systems.
- 3 **QUALITY PROGRAM:** The Seller shall provide a Quality Assurance Plan to serve as basic documentation of the Seller's quality program tailored to the and/or detailed work instructions to be used in implementing the quality program. The plan shall describe requirements for quality throughout all areas of contact performance; for example, fabrication, processing, assembly, inspection, test, packaging, storage and shipping. The plan shall include flow charts showing the complete flow of material from source inspection and/or installation upon receipt, including first article inspection, through all manufacturing processes to installation and final shipment. The plan shall be submitted for review and approval by Schweizer Quality Assurance. Plan is to be submitted no later than 45 days after contract award.
- 4 **SCHWEIZER AIRCRAFT SOURCE SURVEILLANCE AND INSPECTION:** Surveillance by purchaser is mandatory at Seller's facility during and upon completion of manufacture. Seller shall provide all necessary inspection data facilities, and equipment. Seller shall notify Schweizer at least 72 hours in advance of performing acceptance test or of intent to ship; and shall withhold shipment pending necessary action by Schweizer Quality Assurance representative. Final acceptance of material will be at Schweizer. Evidence of source acceptance must accompany each shipment. Waiver of Source Inspection can only be authorized by Quality Assurance Management.
- 5 **GOVERNMENT SOURCE INSPECTION:** Government Source Inspection is required prior to shipment from your plant. Upon receipt of this order, promptly furnish a duplicate copy to the Government representative who normally services your plant so that appropriate planning for Government inspection can be accomplished. GSI does not replace prime contractor inspection or responsibilities.
- 6 **DRAWING CONTROL:** Seller's top design drawings, and applicable product specification, when approved by Schweizer, shall not be changed except by written approval of Schweizer. Articles, which incorporate an approved changed, shall be identified to indicate incorporation of change.
- 7 **TRACEABILITY:** The Seller shall, in the performance of this purchase order, provide and maintain a system of traceability on all material, components, and parts. Where SHP 8-8 is invoked, serial numbers shall be provided by Schweizer. The Supplier's system shall effectively control the use of serial numbers.

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- 8 **SELLER CONTROLLED PRODUCTS:** Seller shall furnish with the initial shipment on this purchase, one copy of applicable acceptance test procedures and test results, specifications, drawings and/or catalogues. In addition, one (1) copy of each applicable test schematic shall be supplied for each electrical/electronic item. Documents shall be marked to the attention of "Schweizer Receiving Department".
- 9 **FAA CONFORMITY INSPECTION:** All detailed parts, subassembly, and assemblies in the configuration of the end item as defined in the purchase order shall be subjected to a FAA Conformity Inspection, except as waived by the responsible FAA regional representative. Documentation reflecting compliance with this requirement must accompany the shipment.
- 10 **TOOL PROOFING:** Shall be accomplished on all Schweizer authorized Supplier-furnished tooling by Schweizer Quality Assurance. All such tooling shall be identified to show part number, drawing change status, tool ownership, and inspection acceptance. Seller shall not perform modification on any tooling unless provided by contract change. All modification and changes must be inspected and approved by Schweizer Quality Assurance.
- 11 **FIRST ARTICLES:** The initial lot of details, subassemblies, and assemblies in the configuration defined in this purchase order shall be subjected to a First Article inspection by the Seller. Subsequent lots shall require a new First Article Inspection in the event there is a change of Supplier, a change in design or a change in the Suppliers tooling or material. First Article data sheet shall be from each tool if multiple tools exist and from each cavity of the mold for castings. First Articles shall be approved by the Seller and on file for review by Schweizer Aircraft. If a current First Article is on file, omit item 11.
- 12 **APPROVED SPECIAL PROCESSORS LIST:** All processing such as welding, heat treating, electroplating, cleaning, anodizing, chemical filming, etc., shall be accomplished by Schweizer approved process vendor or Schweizer's contractor's approved process vendors, as reflected in the applicable Approved Vendor List (AVL) as noted below, and each shipment to Schweizer must be accompanied with a certification demonstrating compliance with all applicable specifications as referenced by the drawing and/or purchase order.
 - 12A Use Schweizer Aircraft Corp. Approved Vendor Process List (AVL).
 - 12B Use Northrop Grumman Integrated Systems (NGIS) Approved Special Processors List as located at <https://oasis.northgrum.com/>
 - 12C Use Boeing Commercial Airplane Group D1-4426 Document as located at <http://www.boeing.com/companyoffices/doingbiz/d14426/>
 - 12D Use Sikorsky Aircraft Approved Source List for Special Processes and Laboratories as located at <http://www.sikorsky.com/>
 - 12E Other _____
- 13 **PHYSICAL/CHEMICAL TEST REPORT:** A validated and legible report must accompany each shipment made to Schweizer against each item of this purchase order. The report shall indicate the percentage of each element that makes up the chemical composition of all raw materials. The report shall specifically identify the materials by reference to the number of the melt, the cast heat lot, or other similar designations, and must indicate the applicable specification revision and the purchase order number.
- 14 **NONDESTRUCTIVE INSPECTION REQUIREMENTS:** The appropriate nondestructive inspection as specified in this purchase order and/or drawing is required for all articles covered by this purchase order. The inspection shall be performed by an approved source as reflected in the applicable Approved Special Processors List as noted in Item #12 and permanent objective evidence of inspection results shall be supplied to Schweizer with each shipment.
- 15 **RADIOGRAPHIC INSPECTION:** The material on this purchase order requires radiographic inspection per MIL-STD-453 or customer's specification. The X-ray film and legible copy of the report shall accompany the material when delivered to Schweizer. The inspection shall be performed by an approved source as shown in the applicable Approved Special Processors List as noted in Item #12.

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- 16 **CERTIFIED TEST DATA:** Certified test data, or a true copy thereof, on stationary of the organization performing the testing shall be supplied to Schweizer with each shipment. This report must contain all factual information necessary to demonstrate conformance to the requirements reflected on the drawing or in the purchase order. The test data shall show quantitative test results versus quantitative requirements and permissible tolerances for all values measured.
- 17 **GEAR TEST DATA:** All gears on this purchase order require documentary evidence of conformance to all specification requirements in addition to the raw material used. When applicable this document shall include a continuous recorded chart (red line) of the total composite error with a minimum of one revolution. Red line chart shall accompany material to Schweizer.
- 18 **CERTIFICATION OF CALIBRATION:** A certification of calibration attesting to the accuracy of the items procured on this purchase order must be supplied to Schweizer with each shipment. The certification must contain all of the test parameters necessary to demonstrate conformance to manufacturers specifications, and must be traceable to the National Institute of Standards and Technology.
- 19 **QUALITY REQUIREMENTS FOR HIGH-STRENGTH BOLTS, SCREWS, AND NUTS:** The Seller's acceptance of this purchase order and subsequent shipments to Schweizer shall constitute a warranty that all requirements specified in SHP 6-26 are adhered to for hardware procurement and/or installation in assemblies manufactured at the Supplier's facility. Certifications from hardware manufacturer shall be furnished with each hardware shipment to Schweizer or shall remain on file at the Supplier when subject hardware is installed in an assembly.
- 20 **REWORK/REPAIR ORDER:** All items shipped to Schweizer under this purchase order must be accompanied by a statement that the items have been reworked/repared (like new condition), or have been replaced and are in accordance with all applicable specifications and drawings. Copies of documentation reflecting work accomplished must accompany each shipment, including any processes required to perform the rework. When an item is replaced, all original inspection requirements are invoked.
- 21 **RUBBER CURE DATE:** The Seller shall be responsible for legibly and permanently identifying each part or container with the rubber cure date, date of manufacture, and shelf life. Assemblies shipped with rubber parts therein shall be marked with assembly date.
- 22 **IDENTIFICATION-LIMITED SHELF LIFE:** Materials with limited shelf life, epoxy, paint, adhesives, etc., shall reflect the date of manufacture, lot number, and applicable specification on the container. Each container must be identified.
- 23 **IDENTIFICATION-DETAIL PARTS:** Detail parts and/or subassemblies manufactured to Schweizer drawings shall be identified as a minimum with the Schweizer part number and control identifier (See SHP 8-5) unless otherwise specified. Vendor hardware manufactured to a Schweizer design shall be identified with the Vendor logo per MIL-STD-130 and SHP 8-5 requirements. Miscellaneous hardware, such as off shelf items, MIL-Spec. parts, and other vendor controlled items, shall be identified per applicable drawings, specifications, or purchase order requirement.
- 24 **CERTIFICATION OF CONFORMANCE:** Prior to shipment to Schweizer against this purchase order, the Seller shall assure in writing with each lot to Schweizer that the following requirements have been met: (1) Conformance to all contracts (PURCHASE ORDER) Quality Assurance System requirements; (2) Retention, by Seller or manufacturer, of substantiating documentary evidence of inspection and/or tests of items shipped, which said documentary evidence shall be made available to Schweizer or the Government on request; (3) Conformance to specification requirement, if any, regarding chemical and physical properties of raw materials used. This certification shall contain the signature and title of an authorized representative of the Seller.
- 25 **CERTIFICATE OF MATERIAL:** Schweizer furnished: The Supplier shall submit in writing with each lot, a document which certifies that material furnished by Schweizer is contained within the parts or assemblies submitted and that substitute material was not used for those parts. This certification must be signed by a duly authorized officer of the Supplier and list those items supplied by Schweizer by part number, nomenclature, and serial number, if applicable. Raw material shall be called out by the applicable specification.

- 26 **TEST SPECIMENS:** This purchase order requires test specimens for lab analysis at Schweizer unless otherwise specified. The specimen shall be from the same lot, batch or heat load of material and shall have been processed with the represented parts. Specimen must be identified as to which process lot it represents.
- 27 **DEVIATIONS/DISCREPANCIES:** Any departure from drawing, specification, or other purchase order requirement must be recorded on Schweizer Form No. QF-130-02-040, "Material Discrepancy Report". Disposition of such deviations/discrepancies must be approved by Schweizer prior to shipment. Receipt of the approved form does not waive source inspection requirements if such requirements are specified in the contract. A copy of the disposition Schweizer MDR form must accompany each affected shipment.
- 28 **Obsolete.**
- 29 **Obsolete.**
- 30 **MATERIAL ON THIS PURCHASE ORDER:** Material on this purchase order shall be only procured from a Schweizer approved Supplier as indicated on the applicable Approved Vendor List (AVL) or Qualified Product List (QPL).
- 31 **Obsolete.**
- 32 **SCHWEIZER IN PROCESS SOURCE INSPECTION:** Required prior to bearing installation (SHP 15-38).
- 33 **SCHWEIZER IN PROCESS SOURCE INSPECTION:** Required for detail parts prior to assembly, heat treating, plating, or other processes which affect final dimensions manufactured at the Supplier's facility or at a subcontracted shop.
- 34 **PARTS SHALL BE IDENTIFIED:** Per customer specifications as required on the engineering drawing.
- 35 **THE MANUFACTURER SHALL IDENTIFY:** Each lot and/or heat treat number used in addition to specification marking requirements. Materials shall be segregated and identifiable to lot/heat treat number when mixed lot fabrication occurs.
- 36 **RED LINE CHARTING NOT REQUIRED:** For gears on this purchase order.
- 37 **GOVERNMENT SOURCE INSPECTION:** Shall be performed at Schweizer Receiving Inspection.
- 38 **PARTS MUST BE SERIALIZED:** In accordance with SHP 8-8.
- 39 **CRITICAL PARTS:** All items fabricated under this purchase order shall be traceable to raw material used. Manufacturing planning is required to be submitted and approved by Schweizer Quality Assurance.
- 40 **PRIOR TO PRODUCTION:** Sheet metal items on this purchase order shall be subjected to a first article functional fit verification inspection to the envelope dimensional requirements of the Schweizer furnished master part.
- 41 **PARTS ON THIS PURCHASE ORDER:** Must be procured per the appropriate qualified products listing.
- 42 **REWORK/REPAIR ORDER:** All items shipped to Schweizer under this purchase order must be accompanied by a statement that the items have been reworked/repared to serviceable condition, or have been replaced and are in accordance with all applicable specifications and drawings. Copies of documentation reflecting work accomplished must accompany each shipment, including any processes required to perform the rework. When an item is replaced, all original inspection requirements are invoked.
- 43 **RECORD RETENTION:** Records pertaining to inspection, tests, raw material certification, acceptance and trace ability associated with this purchase order shall be maintained and available for review by Schweizer Quality Assurance Representative upon request. Unless otherwise specified such records shall be maintained by Supplier for a minimum of seven (7) years after completion of purchase order.

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- 44 **SUBCONTRACTORS:** Seller agrees not to make any change in materials or design detail which would affect the part or any component part thereof with regard to (A) part number identification, (B) physical or functional interchangeability and (C) repair and overhaul procedures and processes and material changes which affect these procedures without prior written approval of buyer, and without revising the part numbers and the originals of all drawings or data. Seller agrees to include provisions for prime contractor right of entry.
- 45 **100% END ITEM INSPECTION:** 100% end item inspection or Schweizer Aircraft approved acceptance sampling plan is required. The use of Statistical Quality Control methods for the acceptance of end items is prohibited without prior written approval of Schweizer Aircraft Corporation's Quality Assurance.
- 46 **DISCLOSURE NOTIFICATION:** Suppliers shall notify Schweizer Aircraft Corporation in the event of any failure, malfunction or defect, which would affect previously delivered products.
- 47 **QUALITY SYSTEM:** Suppliers Quality System must be compliant with ISO 9001:2000 or AS/EN9100A.
- 48 **SUPPLIER FIRST ARTICLE INSPECTION (FAI):** First Article Inspection (FAI) shall be performed per the requirements of AS9102, "Aerospace First Article Inspection Requirement" prior to product acceptance and shipment to Schweizer Aircraft Corp. A copy of the First Article Inspection Report shall be submitted to Schweizer Aircraft Corp. as part of the shipping documentation. If the Supplier already has FAI documentation on file that meets the intent of AS9102 Paragraph 5.2 a new FAI is not required. The FAI shall be retained as a Quality Record for a minimum of three (3) years from completion of the last purchase order for that part number with the same revision level. Suppliers may obtain copies of the AS9102 Forms and the AS9102 Frequently Asked Questions information from <http://www.sae.org/iaqg/publicationsfaq9102.htm>.
- 49 **QUALITY RECORD RETENTION:** The supplier shall maintain Quality records in accordance with the applicable Quality System standard (i.e. – ISO 9001, AS/EN9100). The records shall be retained for a period of not less than (10) years from completion of purchase order. The supplier must impose this requirement on their sub tiers. Records shall include, but not limited to:
 - Evidence of inspection to assure adherence to applicable drawings or specifications and revisions.
 - First Article Inspection Report – see Item 48 for retention requirements.
 - Test Reports.
 - Periodic inspection and control of inspection media.
 - Records to indicate control of Special Tooling and Special Test Equipment.
 - Test data records of all qualification acceptance test performed.
 - Certification of personnel as required by specification and/or contract.
 - Raw material and process certifications.
 - Material Review Reports.

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- 50 **CORRECTIVE AND PREVENTIVE ACTION:** The supplier shall respond to all buyer requests for corrective action on or before the requested response due date. Supplier shall maintain a documented system for determining root causes of documented defects and obtaining corrective action both internally and from its suppliers. The supplier is accountable for effectiveness of corrective and preventive actions taken. Schweizer Aircraft Corp. and its customers retain the right to conduct corrective action verification at the supplier and/suppliers sub-tier supplier's facility to assess effectiveness of implemented corrective action.