



# QUALITY ASSURANCE REQUIREMENTS

1. QUALITY ASSURANCE REQUIREMENTS APPLYING TO PURCHASING,  
Document Number: P.G.001.DOC.
2. QUALITY ASSURANCE REQUIREMENTS APPLYING TO AIRCRAFT PARTS  
DOCUMENTATION, Document Number: 0DOCRQT.



## **1. QUALITY REQUIREMENTS APPLYING TO PURCHASING:**

Document Number: PG001.DOC

### **1.1 GENERAL REQUIREMENTS:**

- A. WIRE SOLDER.
- B. BOLTS AND SCREWS.
- C. PARTS FOR BRAKES.
- D. ELECTROSTATIC SENSITIVE DEVICES (ESD).
- E. ASSY. OR COMPONENTS WICH GENERATE MAGNETIC FIELDS AND ITEMS SENSITIVE TO MAGNETIC FIELDS (EMI).
- F. CONTROL CABLES.
- G. ADHESIVES/SEALANTS.
- H. LUBRICANT/OIL/FUEL.
- I. NDT MATERIALS.
- J. GAS (OXYGEN,NITROGEN,FREON,ETC.).
- K. GAS CYLINDERS.
- L. BEARINGS.
- M. CHEMICALS (MSDS REQ.).
- N. ENGINE CLEANERS AND REMOVERS.
- O. PLATING MATERIALS.
- P. COATINGS PAINTS.
- Q. ABRASIVES.
- R. METALS.
- S. PLASTICS.
- T. FABRICS, LEATHERS, CARPET.
- U. RUBBER PARTS.
- V. RUBBER HOSE.
- W. TIRES.



## **1. AIRCRAFT PARTS DOCUMENTATION REQUIREMENTS:**

Document Number: 0DOCRQT.

- A. INTRODUCTION.
- B. REQUIREMENTS SUMMARY - TABLE I .
- C. NOTES .
- D. ADDITIONAL REQUIREMENTS AND REMARKS .
- E. FOREIGN (NON USA) CARRIERS ACCEPTABLE AS PARTS SOURCES,  
TABLE II.



## 1. QUALITY REQUIREMENTS APPLYING TO PURCHASING

SUBJECT: PG001.DOC INTRODUCTION

### 1. PURPOSE:

To establish quality assurance guidelines to purchasing and Receiving inspection which will assist the process by preventing Quality deficiencies of items, materials and equipment. In addition, this guide will supplement the existing BEDEK AVIATION GROUP technical directives on the subject.

### 2. GENERAL:

2.1 Products for internal use of BEDEK AVIATION GROUP or designated for customers will be purchased only from approved vendors. (Ref. BEDEK AVIATION GROUP technical directive 0-03-08).

2.2 Vendors will be approved after meeting the following conditions:

- a. Meeting requirements surveyed in accordance with a quality evaluation recognized authority such as the "Qualified Products List" (QPL) and/or the "Case Register"(CR).
- b. A leading company (generally a manufacturer) authorizing the vendor to act as a supplier of its products.
- c. Vendor appearing in the "Federal Aviation Administration" (FAA) "Parts Manufacturer Approvals" (PMA) list.
- d. Vendor supplying the products in accordance with requirements.
- e. Vendor complying with the conditions of the approval.

2.3 Approved vendors will be entered in the "Approved Vendors Computerized Data" by the central IAI computer purchasing system.

PG001.DOC



### 3. DEFINITIONS:

#### PRODUCT

Material, Accessory, Part, Component, Process, and/or technology designated for company products: supporting material used within the company in manufacture/inspection/test/storage and services for manufacture by the company, including engineering design.

#### VENDOR

Supplier, Manufacturer, Subcontractor, Franchised agent or Franchised Distributor.

#### SUPPLIER

Person or corporation supplying products in accordance with the conditions detailed in the contract or requisition.

#### MANUFACTURER

Vendor manufacturing products in accordance with his own engineering design or approved specification standards.

#### SUBCONTRACTOR AND MAINTENANCE FUNCTIONS

Vendor manufacturing/maintaining products meeting customer engineering design or customer engineering specifications.

#### FRANCHISED AGENT

Vendor selling approved manufacturer's products on the manufacturer's Behalf and responsibility according to a contract without stocking products (the products do not pass through the agent).

#### FRANCHISED DISTRIBUTOR

An approved agent holding stock and in certain circumstances accomplishes minor assembling.

#### APPROVED REPAIR STATION

An enterprise approved or authorized by civil aviation authorities to supply products or render services.

PG001.DOC



## STANDARD REQUIREMENTS

Approved Vendor shall comply with Standard Requirements as:

- a. Foreign Objects Damage – F.O.D.
- b. First Article Inspection – F.A.I.
- c. Key Characteristics – K.C.
- d. Hazard Materials – HAZMAT
- e. International Standards For Phytosanitary Measures - ISPM



4. METHOD:

This guide is divided into main GROUPS of items, materials and equipment.

Sub-groups within each group are treated specifically.

4.1

A. Chemical / Compounds

B. Metals

C. Non-metallic raw materials

D. Hardware

E. Spare parts

F. Components

G. Major components

H. Engines

5. GUIDE DESCRIPTION:

The scope of this guide covers all groups of items, materials and equipment used by BEDEK AVIATION GROUP. At the beginning of each group there is a title page detailing the general requirements, relevant to a particular group of items, materials and equipment. This is followed by pages giving the quality requirements for each sub-group.

6. DESIGNATION:

The quality assurance guide is designed for all BEDEK AVIATION GROUP, Personnel engaged in purchasing and receiving inspection, is to be considered as a guide for qualifying and approving vendors.

7. RESPONSIBILITY:

7.1 It is the responsibility of plant purchasing/subcontracting and quality assurance departments to ensure the fulfillment of quality requirements applying to purchasing and receiving inspection in this guide.

7.2 The instructions in this guide are general. Exclusive plant requirements have to be described in detail in a "Quality Assurance Requirements" form attached to the requisition.

8. For more information or assistance contact:

Quality Assurance - Components Division  
BedeK Aviation Group  
Israel Aerospace Industries  
Phone No. 972-3-9768485

PG001.DOC



## **PURCHASING REQUIREMENTS FROM DISTRIBUTOR OR SUPPLIER:**

### **1. SCOPE:**

- 1.1 Purchasing shall be made only from an approved distributor or supplier.
- 1.2 The following describes the quality system requirements for an approved distributor or warehouse who acquire products from other suppliers for delivery to BEDEK AVIATION GROUP and generally do not perform any manufacturing operations.

### **2 . DISTRIBUTOR OR SUPPLIER RESPONSIBILITY:**

- 2.1 The distributor or supplier shall establish and maintain a system of fulfilling the requirements of this procedure.  
The system is subject to BEDEK AVIATION GROUP approval.
- 2.2 The actual source of manufacture of all products shall be identified. Distributor or supplier system shall assure source trace ability of products to manufacturer and shall include the relevant acceptance documents.
- 2.3 The distributor or supplier shall not modify, rework or repair products in house or by subcontracting, unless approval is obtained from BEDEK AVIATION GROUP, or work is performed by the actual manufacturer of the products.

### **3. DOCUMENTATION:**

- 3.1 Any related documents (Test , Inspection Reports, MSDS etc'.) to the received products including reference drawings, specifications, and instructions, have to be forwarded with shipment.
- 3.2 The system shall include a means of identifying and recording the dates of documents changes.



- 3.3 The distributor or supplier is responsible for obtaining copies and revisions of reference documents or as otherwise required by BEDEK AVIATION GROUP.
- 3.4 Traceability and batch numbers of products and the applicable quality records or acceptance documents must be maintained.
- 3.5 The distributor or supplier system shall ensure that quality records or acceptance documents for the received products are available upon request.
- 4. STORAGE & PREPARATION FOR SHIPMENT:
  - 4.1 The distributor or supplier storage system shall protect products from deterioration and damage. The manner of control shall prevent unauthorized withdrawal.
  - 4.2 Products from different manufacturing sources shall be stored in a manner that will prevent Inter-mixing of products and maintain Manufacturing source identity.
  - 4.3 The system shall ensure the received products are packed in accordance with applicable requirements and are accompanied by the relevant documents.
  - 4.4 Hazmat Materials should be identified per IATA Requirements.
- 5. NONCONFORMANCE:
  - 5.1 The distributor or supplier system shall provide for prompt identification and documentation of any nonconformance.
  - 5.2 In those instances where it is indicated that nonconforming products may have been shipped, the system shall provide for prompt BEDEK AVIATION GROUP notification.
  - 5.3 In case of nonconforming to specification IAI test results will be applied.



6. GENERAL REQUIREMENTS :

6.1 Data shall be generated and used to provide evidence of conformance to established requirements. When inspection and/or tests are employed, the data shall include the product's source.

6.2 Compliance with this procedure alone shall not be construed as acceptance of a finished part, product or material.

6.3 BEDEK AVIATION GROUP reserves the right to conduct any inspection or tests that it deems necessary to verify conformance of products to purchase order requirements.



A. SUBJECT: **WIRE SOLDER**

1. DESCRIPTION:

Material definition including trade name, manufacturing P/N or designation.

2. SPECIFICATION:

The roll should be noted with the following specification: QQ-S-571 (or latest version). The Flux type and wire thickness should be noted too. Shelf life limitation shall be noted.

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING :

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer printed label including manufacturer name, part number, batch number, date of manufacture and shelf life expiry date.

5. PACKING:

Material to be packed to protect against mechanical damage & climatic condition.

Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURE / SHELF LIFE:

Ensure freshly manufactured material.

PG001.DOC



**B. SUBJECT: BOLTS AND SCREWS**

1. DESCRIPTION:

Item definition including trade name and specification standard and/or Manufacturer part number.

2. SPECIFICATION:

Latest material specifications (MS, NAS, etc'.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

All Bolts & Screws shall be identified on their packing including manufacturer Name , specification , part number , batch number.

5. PACKING:

Commercial or specific packing is required in order to protect the material during transportation and storage.  
Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURE / SHELF LIFE:

As provided by the Manufacturer.

PG001.DOC

---



**C. SUBJECT: PARTS FOR BRAKES**

1. DESCRIPTION:

Item definition including Manufacturer's name and part number.

2. PURCHASE:

Alternate parts are not acceptable.

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

All parts shall be identified on their packing and shall include manufacturer name and part number.

5. PACKING:

Commercial or specific packing to protect the material during transportation and storing.  
Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURE / SHELF LIFE:

As provided by the Manufacturer.

REMARK:

This document does not include rubber or Teflon seals that belong to brakes accessories.

PG001.DOC

---



**D. SUBJECT: ELECTROSTATIC SENSITIVE DEVICES (ESD's)**

**1. DESCRIPTION:**

Item definition including Manufacturer's name and part number.

**2. SPECIFICATION:**

The items should meet the following requirements:

- MIL-HDBK-263B , appendix F
- ESD ASSOCIATION STANDARD
- T.O. 00-25-235
- ARINC 606,668 and 670.

**3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:**

See documents Number: 0DOCRQT & PG001.DOC

**4. IDENTIFICATION:**

All parts shall be identified on their packing and shall include manufacturer name and part number.

**5. PACKING:**

Items should be packed and stored in antistatic packaging.  
External connectors should be covered with antistatic plastic covers.  
Observe ESD warning labels on bags and cartons.  
Refer to ATA 300 and ISPM No.15.

**6. DATE OF MANUFACTURE / SHELF LIFE:**

As provided by the Manufacturer.



E. SUBJECT: ASSEMBLIES OR COMPONENTS WHICH GENERATE MAGNETIC FIELDS AND ITEMS SENSITIVE TO MAGNETIC FIELDS (EMI)

1. DESCRIPTION:

Item definition including Manufacturer's name and part number.

2. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

3. IDENTIFICATION:

All parts shall be identified on their packing and shall include manufacturer name and part number.

4. PACKING:

Every single item must be packed separately.

Items should be packed and properly spaced in shielding materials, which will prevent the magnetic field from adversely affecting adjacent items and instrumentation. When a part is susceptible to damage from magnetic fields, the container shall provide necessary shielding from outside sources. Refer to ATA 300 and ISPM No.15.

5. DATE OF MANUFACTURE / SHELF LIFE:

As provided by the Manufacturer.

PG001.DOC



**F. SUBJECT: CONTROL CABLES**

1. DESCRIPTION:

Include manufacturer's name , manufacture part number & size required.

2. SPECIFICATION:

Latest specification referring to aircraft control cables (MIL, FED, etc.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS  
FOR PURCHASING:

See document Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Identification of control cables must be complete, original manufacturer's label including part number, specification details, batch number.

5. PACKING:

Packing of control cables should be performed in accordance with manufacturer's instructions/specifications in order to protect the material during shipment and storage. Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Each separate package should be marked with the date of manufacture.



G. SUBJECT: **ADHESIVES / SEALANTS**

1. DESCRIPTION:

Material definition including trade name, manufacturer part number or designation.

2. SPECIFICATION:

Latest material specifications (AMS, MIL, FED, etc'.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer's printed label including manufacturer's name , part number , batch number , date of manufacture and storage conditions.

5. PACKING:

Material to be packed to protect against mechanical damage and climatic conditions. Items requiring refrigeration must be shipped accordingly. Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Ensure freshly manufactured material, not beyond  $\frac{1}{3}$  of its permitted shelf life, since date of manufacture.



## H. SUBJECT: **LUBRICANT / OIL / FUEL**

### 1. DESCRIPTION:

Material definition including trade name, manufacturer's part number or designation.

### 2. SPECIFICATION:

Latest material specifications (AMS, MIL, FED, etc'.) Military spec. products must be purchased only from manufacturers listed in "Qualified Products List" (QPL) (MIL. or FED. Specification). Commercial aircraft quality only by trade name and specification.

### 3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

### 4. IDENTIFICATION:

Original manufacturer's printed label including manufacturer name, part number, batch number, date of manufacture and storage conditions.

### 5. PACKING:

Material to be protected against mechanical damage & climatic conditions in bulk or in packaged form. Engine oils and hydraulic fluids to be packaged in Hermetically sealed drums. Refer to ATA 300 and ISPM No.15 .

### 6. DATE OF MANUFACTURING / SHELF LIFE:

"Ensure freshly manufactured material, not beyond half of its permitted shelf life, since date of manufacture. For commercial aviation recommended vendors, see "BOEING" Commercial vendors, see "BOEING" Commercial Jet Standard Overhaul Practices 20-60-03.

Note: Notification of Hazardous Material Policies and Operation Spec., Refer to ATA 300 & IATA– Dangerous Goods Regulation and CDCCL Components. REFER TO SFAR 88.



I. SUBJECT: **N.D.T. MATERIALS**

1. DESCRIPTION:

Trade mark, manufacturer part number / designation (Zyglo Pentrex system, Magna-GLO system, Spot-check system).

2. SPECIFICATION:

Latest material specifications (AMS, MIL, FED, etc'.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer printed label (name of material and designation), Batch number.

5. PACKING:

Materials to be protected against mechanical damage & climatic conditions including warning label for hazardous chemicals.

Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Ensure freshly manufactured materials.



J. SUBJECT: GAS (OXYGEN, NITROGEN, FREON)

1. DESCRIPTION:

Gas definition, grade of purity and pressure.

2. SPECIFICATION:

Serviceability tag from original manufacturer referring to cylinder serial number.

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Technical nomenclature and grade of purity, Batch number.

5. PACKING:

Gases to be packed in storage cylinders. Cylinder valves must be protected with threaded caps screwed on the neck of the cylinder. Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Relevant only for aviator breathing oxygen.

Note: Notification of Hazardous Material Policies and Operation Spec., Refer to ATA 300 & IATA– Dangerous Goods Regulation and CDCCL Components. REFER TO SFAR 88.

PG001.DOC



K. SUBJECT: GAS CYLINDERS

1. DESCRIPTION:

Material definition manufacturer, Production Approval Holder (PAH) or designation trade name.

2. SPECIFICATION:

Latest specification relevant to gas cylinder.

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See document Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer printed label including manufacturer's Name, part number, batch number, date of manufacture and storage conditions.

5. PACKING:

Cylinder to be packed properly in order to protect it from corrosion, damage during shipping, handling and storing.

Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Manufacturing date should not be more than six years before the date of shipment.

Note: Notification of Hazardous Material Policies and Operation Spec., Refer to ATA 300 & IATA– Dangerous Goods Regulation and CDCCL Components. REFER TO SFAR 88.



L. SUBJECT: **BEARINGS**

1. DESCRIPTION:

Include manufacturer's name, manufacture's part number (suffix, prefix).

2. SPECIFICATION:

Latest material specification (AMS, MIL, FED, etc'. )

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Identification of bearings must be complete. Bearings must be marked with part number (suffix prefix) and precision required etc '.

5. PACKING:

Preservation, packaging and packing of bearing are performed to provide protection against deterioration in storage or shipment in accordance with manufacturer's instructions . Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Date of manufacture / packing & date of serviceability renewal are required. Refurbished bearings shall be marked with the date of refurbishment, preservation and packing.

The bearing manufacturing date should not exceed one year prior to shipment. The bearing should be unused and not military surplus.



M. SUBJECT: **CHEMICALS**

1. DESCRIPTION:

Organic and Inorganic material definition (Technical nomenclature) + grade of purity (Technical, C.P., Electronic).

2. SPECIFICATION:

Latest material specification (AMS, MIL, FED, etc'.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer's printed label (name of material + grade), batch number and date of manufacture and MSDS.

5. PACKING:

Materials to be packed to protect against mechanical damage & climatic conditions in bulk or in packaged form including warning labels for hazardous chemicals. Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Ensure freshly manufactured materials, not beyond 1/3 of their permitted shelf life, since date of manufacture.



**N. SUBJECT: ENGINE CLEANERS & REMOVERS**

1. DESCRIPTION:

Cleaner / Remover definition including trade name and manufacturer material Number.

2. SPECIFICATION:

Latest material specification (AMS, MIL, FED, etc'.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer's printed label or stencil information on drums including manufacturer's name, trade name, material, batch number and date of manufacture.

5. PACKING:

Cleaner / Remover to be packed to protect against mechanical damage and climatic conditions + safety markings for hazardous material.  
Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Ensure freshly manufactured materials.

Note: Notification of Hazardous Material Policies and Operation Spec., Refer to ATA 300 & IATA– Dangerous Goods Regulation and CDCCL Components.  
REFER TO SFAR 88.

PG001.DOC



0. SUBJECT: **PLATING MATERIALS**

1. DESCRIPTION:

Material definition (Technical nomenclature + grade of purity:  
"AMERICAN CHEMICAL SOCIETY" (ACS) / technical).

2. SPECIFICATION:

Latest material specification (AMS, MIL, FED, etc'.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer's printed label (including name of material, grade, batch number and date of manufacture.

5. PACKING:

Materials to be packed to protect against mechanical damage and climatic conditions including warning labels for hazardous materials. Refer to ATA 300 and ISPM No.15 .

6. DATE OF MANUFACTURING / SHELF LIFE:

Ensure freshly manufactured materials.

PG001.DOC



P. SUBJECT: **COATINGS / PAINTS**

1. DESCRIPTION:

Coatings / paints definition including trade name system, material function (Primer, Top coat , Reducer, Auxiliary material etc'.) manufacturer material number, color and color number.

2. SPECIFICATION:

Latest material specification (AMS, MIL. FED. etc' )

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer's printed label including manufacturer's name, part number, batch number, date of manufacture and storage conditions, mix ratio – base, catalyst and MSDS.

5. PACKING:

Coatings/paints to be packed to protect against mechanical damage and climatic conditions including safety markings.  
Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Ensure freshly manufactured material in general, all A/C organic coatings/paints are valid for only 12 months beyond manufacturing date.

Note: Notification of Hazardous Material Policies and Operation Spec., Refer to ATA 300 & IATA– Dangerous Goods Regulation and CDCCL Components. REFER TO SFAR 88.

PG001.DOC



Q. SUBJECT: **ABRASIVES**

1. DESCRIPTION:

Coated abrasives type of backing (Paper, Cotton or Polyester, Cloth, Nylon, Fiber), Abrasive powder of paste, type of abrasive grain (Aluminum Oxide, Silicon, Carbide, Garnet, Emery, Quartz, Zirconium Alumina), shape and grit size.

2. SPECIFICATION:

Approved manufacturer product code and manufacturer's trademark.

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer's trademark and & product code printed on the back of the product along with grit size.

5. PACKING:

Products packed in cartons. Refer to ATA 300 and ISPM No.15 .

6. DATE OF MANUFACTURING / SHELF LIFE:

As provided by the Manufacturer.

Note: Notification of Hazardous Material Policies and Operation Spec., Refer to ATA 300 & IATA– Dangerous Goods Regulation and CDCCL Components. REFER TO SFAR 88.

PG001.DOC



R. SUBJECT: **METALS**

1. DESCRIPTION:

Type of alloy, designation, shape (Sheet, Plate, Bar, Rod etc'.).  
Heat treatment condition of supply, size and quantity.

2. SPECIFICATION:

Relevant specification defining the technical requirements of the material.

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Metals must be easily identified. Sheets and tubes shall be marked externally including type of material, specification, condition and batch number.  
Bare external marking (desirable) and batch number stamped on the end of the bar.Tube, wire and other stock may be identified by tag and MSDS.

5. PACKING:

Packing of metals for shipment shall be according to corresponding preservation standard (MIL STD. ) taking in to consideration the type of transportation, and special attention to the packing and preservation against corrosion or any other potential damage.

Packing identification shall include vendor's name and IAI purchase order number. Refer to ATA 300 and ISPM No.15 .

6. DATE OF MANUFACTURE / SHELF LIFE:

As provided by the Manufacturer.

PG001.DOC



S. SUBJECT: **PLASTICS**

1. DESCRIPTION:

Type of material manufacturer's name, color, form (solid, foam, reinforced laminate, hose, tape etc'.) quality, finish and packing.

2. SPECIFICATION:

Applicable specification.

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturers printing tag/label including identification details such as type, color, part/specification number, etc'.

5. PACKING:

Rigid packing for maximum protection to prevent damage, scratches and distortion during transport. Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

See Boeing commercial jet standard overhaul practices manual.

PG001.DOC



SUBJECT: FABRICS, LEATHERS AND CARPETS

1. DESCRIPTION:

Type of material, color, manufacturer's name (weave, surface finish, etc'.)

2. SPECIFICATION:

Manufacturer's specification (Fire and Smoke Protection).

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

Original manufacturer's tag/label including identification details such as type, part number, color etc'.

5. PACKING:

Material shall be packed to prevent external damage or distortion during transport.

Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURE / SHELF LIFE:

See Boeing commercial jet standard overhaul practices manual.

PG001.DOC



U. SUBJECT: **RUBBER PARTS**

1. DESCRIPTION:

Include manufacturer's name, specification standard, type of rubber, form (Sheet, Rod, Hose, Tube, Tape, Seal, etc'.) certification and packing.

2. SPECIFICATION:

Latest material specifications (AMS, MIL, FED, etc'.)

3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

4. IDENTIFICATION:

All rubber parts shall be identified on their packing and shall include Manufacturer's name, specification, part number, type of compound and date of manufacture, Batch number.

5. PACKING:

All rubber parts shall be packed in separate, hermetically sealed packing for each separate item. Refer to ATA 300 and ISPM No.15.

6. DATE OF MANUFACTURING / SHELF LIFE:

Each separate package must be marked with the date of manufacture.

It is mandatory to purchase freshly manufactured parts.

Cure date for seals must not be earlier than one year prior to shipment.

PG001.DOC



## V. SUBJECT: **RUBBER HOSE ASSEMBLIES**

### 1. DESCRIPTION:

Include manufacturer's name, part number and designation (Hydr.Fuel,etc.)

### 2. SPECIFICATION:

Latest specifications referring to rubber hose assemblies (MIL,FED,etc.)

### 3. CERTIFICATION / DOCUMENTATION & QUALITY REQUIREMENTS FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

### 4. IDENTIFICATION:

Rubber hose shall be marked with the name of manufacturer, manufacturer part number and dimensions. Each hose shall have a label attached stating check date and pressure. Hose & Hose assemblies are marked along their length with one or more continuous thin lines to indicate any twist on installation.

### 5. PACKING:

Rubber hose shall be supplied with sealing blanks (plugs) and caps. Hoses should not be bent or have sharp corners. Refer to ATA 300 and ISPM No.15.

### 6. DATE OF MANUFACTURE / SHELF LIFE:

It is imperative that each individual rubber hose be marked with the date of manufacture (month & year) and date of assembling fittings. It is mandatory to purchase freshly manufactured hoses.



**W. SUBJECT: TIRES & INNER TUBES**

1. DESCRIPTION:

Include manufacturer's name, part number, serial number and dimensions, indicate tube or tubeless.

2. CERTIFICATION DOCUMENTATION & QUALITY REQUIREMENTS

FOR PURCHASING:

See documents Number: 0DOCRQT & PG001.DOC

3. IDENTIFICATION:

Markings should consist of: tire P/N, serial number , dimension , date of manufacture, whether tube or tubeless, ply rating, and number of recaps since date of manufacture.

4. PACKING:

Tires should be packed to protect against, light penetration.

Tubes should be packed in proper packing carton.

Refer to ATA 300 and ISPM No.15.

5. DATE OF MANUFACTURE / SHELF LIFE:

Date of manufacture should be imprinted on tire side walls

(not manufactured more than 24 months before date of shipment).

PG001.DOC



## 2. AIRCRAFT PARTS DOCUMENTATION REQUIREMENTS

### Subject: ODOCRQT Introduction

Documentation requirements for aircraft parts purchased by the Components Division are defined herein. The term "aircraft parts" is used in its broadest sense and includes complete appliances, rotatable components, accessories, assemblies, sub-assemblies, piece parts, etc. While the scope of this document is broad, it is based upon the requirements of the FAA, and therefore, cannot necessarily cover every possible case of documentation that may be acceptable for use in non-FAA work. Special cases will be handled on an individual basis between IAI and Parts Suppliers.

### Preferred Documentation.

The preferred document is an FAA Form 8130-3 issued as an "Export Airworthiness Approval" in accordance with FAA Order 8130.21, current revision or EASA Form 1 in accordance with EASA 145.a.50(d). All relevant instructions in the FAA Order must be adhered to, and especially the following points should be noted:

When used for "Return To Service", all the data required by FAR 43.9 for an FAR 121 air carrier should be included in block 12. Alternatively, this data may be in attached documentation provided that it is properly referenced by the 8130-3 form. If not indicated by attached records, block 12 should include a statement saying "In accordance with OEM manual number \_\_\_\_\_".

The 8130-3 and EASA Form 1, Airworthiness Approval Tag should be an original document (not a copy) that is signed off in the lower left hand portion of the form by an authorized person.

### Acceptable Documentation

While preferring documentation described above, other types of documentation will also be acceptable. The acceptable forms of other types of documentation are described in Table 1 and the explanations and clarifications, which follow.

ODOCRQT



**TABLE 1**

Part Supplier	Part Condition	Standard Parts (Notes 1,9,10)	Life Limited (Notes 2,5,6)	Time Controlled Parts (Notes 3,5,6)	Repairable Or Recoverable Parts (Notes 5,6,9,10)	Expendable Parts and Material (Notes 9,10)
TC/PC Holder or Licensee	New or Rebuilt	A,G or H	A,B or C	A,B or C	A,B or C	A,B or C
STC, TSOA, PMA HOLDER	New or Rebuilt	A,G or H (Note 10)	B,C or G	B,C or G	B,C or G (Note 10)	B,C or G (Note 10)
FAR 121,129 or 135 Air Carrier (Note 7)	New	(E or G) & H	B,C,E or G (Note 8)	B,C,E or G (Note 8)	B,C,E or G (Note 8)	B,C,E or G (Note 8)
	Overhauled		B,C,E or G (Note 8)	B,C,E or G (Note 8)	B,C,E or G (Note 8)	B,E or G
	Repaired		B,C,E or G (Note 8)	B,C,E or G (Note 8)	B,C,E or G (Note 8)	
	As Is or As Removed			G (Note 8)	G (Note 8)	
FAR 145 Repair Station	New	G&H (Note 9)	B,C or G (Notes 8 & 9)	B,C or G (Notes 8 & 9)	B,C or G (Notes 8 & 9)	B,C or G (Notes 8 & 9)
	Overhauled		B or C	B or C	B or C	
	Repaired		B or C	B or C	B or C	
	As Is or As Removed			G (Note 8)	G (Note 8)	
Foreign (Non U.S.A.) Carrier Not FAR 129 (Note 9)	New	(B or C) & H	B or C	B or C	B or C	B or C
	Overhauled		B or C	B or C	B or C	
	Repaired		B or C	B or C	B or C	
	As Is or As Removed			G & I & J	G & I & J	
Foreign Mfr.	New or Rebuilt		(B or C) & D	(B or C) & D	(B or C) & D	(B or C) & D
Distributors & Other Suppliers (Note 4)	New or Rebuilt	G & H	(A,B or C) & G	(A,B or C) & G	(A,B or C) & G	(A,B or C) & G
	Overhauled		(B,C,E or F) & G	(B,C,E or F) & G	(B,C,E or F) & G	
	Repaired		(B,C,E or F) & G	(B,C,E or F) & G	(B,C,E or F) & G	
	As Is or As Removed			G & I & J	G & I & J	

ODOCRQT



## Definitions

- A = Shipping ticket, Packing List, Certification of Conformity, Invoice, etc. from the type Certificate (TC) or Production Certificate (PC) holder/licensee with the TC/PC number listed.
- B = FAA Form 8130-3.
- C = EASA Form 1, or an equivalent form (see note 5).
- D = Written authorization for direct shipment from the Production Approval Holder (PAH).
- E = FAR Part 121, 129 or 135 Air Carrier Serviceable Tag (see note 7).
- F = FAR Part 145 Repair Station Serviceable Tag.
- G = Part or Material Certification which states the last FAA/EASA certificated entity who owned the item. Anyone who subsequently bought and sold the item must also be listed. Supporting documentation (invoices, etc.) must be attached that establishes complete traceability from the FAA/EASA certificated entity to the seller.  
For used items, the certification shall include a statement certifying that they were not exposed to extreme environments such as involvement in an accident, fire or submersion in saltwater. The Form defined by ATA Specification 106 is preferred. ATA Specification 106 is available from: Air Transport Association of America, 1301 Pennsylvania Avenue - Suite 1100, Washington, DC 20004-1707.
- H = Certification of Conformance for standard parts (such as nuts, bolts, resistors and transistors).
- I = Removal tag, Identification tag, or other document from an FAA/EASA certificated entity who disassembled (or removed) the part. The document shall clearly indicate the source of the part, e.g. aircraft registry number, appliance or accessory part number and serial number, etc.
- J = Proof that the part was not involved in an accident or incident. For parts disassembled (or removed) from aircraft, excerpts from FAA or NTSB records are acceptable. A declaration from the last FAA/EASA certificated entity who owned the part is also acceptable.

0DOCRQT



Notes:

- Note 1: The documentation must state the appropriate specification that the part meets. It must be issued by the manufacturer of the part include a statement specifically certifying conformity with an established industry or U.S. specification.
- Note 2: The seller must supply documentation indicating the "Cradle to Grave" history of the part.
- Note 3: The seller must supply documents indicating hours, cycles and/or days since the last overhaul (or rebuilt) and must supply the records of work accomplished.
- Note 4: Distributors accredited in accordance with FAA Advisory Circular Number AC 00-56 may submit certified statements as provided for by AC 00-56 in lieu of test reports and COC's. In place of an original Form 8130-3 or EASA Form 1, they may supply certified true copies, and for "As-Is" components without Form 8130-3 or EASA Form 1, they may supply a statement certifying the identity and condition for which they have original certifications of file.
- Note 5: The EASA Form 1 cannot be accepted for items which have undergone maintenance actions, unless the item is returned to service by a person or organization that is authorized by the FAA, and this must be so indicated on the form in accordance with EASA Leaflet Number 21. FOR non-EASA countries, similar release to service forms will be satisfactory if they are acceptable to the FAA.
- Note 6: Except for "As-Is" or "As Removed" items, the seller must supply either (a) a documented paper trail to the last overhaul by an entity acceptable to the FAA/EASA or, (b) a documented paper trail to the manufacturer.  
In case the item was previously overhauled, the Overhaul records are required.
- Note 7: The FAR 129 reference means only with respect to foreign carriers operating U.S. registered aircraft and only with respect to parts for those aircraft.
- Note 8: Part or material certification is acceptable as sole documentation when the seller is the last FAA certificated entity that owned the part.
- Note 9: Acceptable foreign carriers are listed in Table 2.

ODOCRQT



Note 10: Approval of the design of certain PMA parts according with ED Decision 2007/003/C,16/07/2007.

Purchasing of PMA parts depends on the **following limitations:**

- a. The PMA part is not a "critical component".  
A "critical component" is a part identified as critical by the design approval holder during the validation process, or otherwise by the exporting authority. Typically such components include parts for which a replacement time, inspection interval or related procedure is specified in the Airworthiness Limitations section or certification maintenance requirements of the manufacturer's maintenance manual or Instructions for Continued Airworthiness.  
The statement "This PMA part is not a critical component" should be written in Block 12 of the FAA Form 8130-3 or EASA Form 1;  
  
OR
- b. The PMA part conforms to design data obtained under a licensing agreement from the holder of the FAA design approval according to 14 CFR § 21.303(c)(4) of the Federal Aviation Regulations.  
The statement "produced under licensing agreement from the FAA design approval holder" should be written in Block 12 of the FAA Form 8130-3 or EASA FORM 1.  
  
OR
- c. The PMA holder can show that the part has received an explicit approval by means of a design change or STC from the Agency or, when this approval was granted prior to 28 September 2003, from any of the National Aviation Authorities of the Member States of the European Union.  
The reference to this authorisation should be written in Block 12 of the FAA Form 8130-3 or EASA FORM 1.



Additional Requirements & Remarks

- a. All portions of the requirements summary (Table 1) that do not contain letters defining the documentation requirements mean that such combinations are not acceptable.
- b. All Repaired, Overhauled or Rebuilt parts or components must be in accordance with OEM maintenance manuals.
- c. Original documentation is required. Copies will only be acceptable in those cases where the quantities ordered by IAI are less than the quantities in the documents.  
In such cases, a seller declaration is required that completely describes the copied documentation and relates it to a specific IAI purchase order number while attesting to the fact that the documents are genuine copies of the originals.
- d. Accredited distributors under the provisions of FAA Advisory Circular number AC 00-56 shall submit a copy of the signed certificate from the accrediting agency indicating that the distributor has successfully passed an audit and that the distributor's quality system meets the requirements of FAA AC 00-56. It must be evident from the accrediting documentation that accreditation is still in effect at the time of shipment. Previously supplied accreditation documentation need not be resubmitted provided that no changes or expiry has occurred. In lieu of the above, listing of the distributor's accreditation on the accrediting agency's Internet website shall be acceptable.
- e. IAI, its customers and Authorities, have the right to visit, to participate in and/or perform an audit during manufacturing & ATP(Acceptance Test Procedure) at the supplier's premises by arrangement. (Code QM264)
- f. MSDS documents is required. Chemical received without MSDS documents will be returned collect to the supplier(for chemicals only). (Code QM343)

0DOCRQT



**TABLE 2 - FOREIGN (NON-U.S.A.) CARRIERS ACCEPTABLE AS PARTS SOURCES**

<u>Geographical Area</u>	<u>Air Carriers Acceptable As Sources For Parts</u> (SEE NOTE 5)
<u>North America</u>	
Canada	
Mexico	
USA	All air carriers
<u>South America</u>	
Argentina	Aerolineas Argentinas
Columbia	Avianca
Chile	LanChile
Brazil	All air carriers
<u>Europe</u>	
Austria	All air carriers
Belgium	All air carriers
Denmark	All air carriers
Finland	All air carriers
France	All air carriers
Germany	All air carriers
Greece	All air carriers
Ireland	All air carriers
Italy	All air carriers
Netherlands	All air carriers
Norway	All air carriers
Portugal	All air carriers
Spain	All air carriers
Sweden	All air carriers
Switzerland	All air carriers
United Kingdom	All air carriers
<u>Africa</u>	
Republic of South Africa	South African Airways
<u>Asia &amp; Pacific</u>	
Australia	Qantas
China(RPC)	All air carriers
Israel	Arkia, El Al Airlines
Japan	Japan Airlines
Korea	
New Zealand	All air carriers
Singapore	
Taiwan	
ODOCRQT	