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EAC SPECIFICATION: ES9070

TITLE: SERIAL NUMBERING OF DETAIL PARTS, ASSEMBLIES AND
EQUIPMENT

PREPARED BY:

Kristin Martinson
KRISTIN MARTINSON

8/29/07
DATE

APPROVED BY:

Arild K. Barrett
ARILD BARRETT

30 Aug 07
DATE

APPROVED BY:

Ian Gibson
IAN GIBSON

8/30/07
DATE

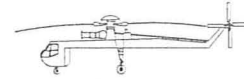
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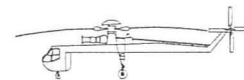
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SERIAL NUMBERING OF DETAIL PARTS, ASSEMBLIES AND EQUIPMENT

1.0 PURPOSE

The purpose of this specification is to establish a procedure for the serial numbering of detail parts, assemblies and equipment as required by the engineering drawing. It is not applicable to serial numbering of aircraft or fire tank assemblies. This specification replaces SS9070 SERIAL NUMBERING OF DETAILS, ASSEMBLIES AND EQUIPMENT in its entirety.

2.0 APPLICABLE DOCUMENTS

ES0037 Identification Marking of Parts

3.0 REQUIREMENTS

3.1 General

Serial numbers shall be entered on detail parts, assemblies and equipment whenever serialization is specified on the engineering drawing. Normally, one of the following methods is specified:

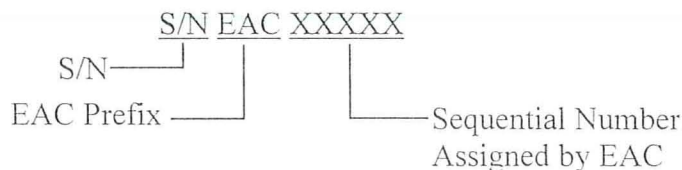
- a. Direct marking by using one of the marking methods permitted in ES0037 as applicable.
- b. Use of an identification plate, or equivalent, which has provisions for entering a serial number thereon.

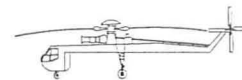
3.2 Serial Number Composition and Assignment

The composition of serial numbers and their assignment shall be as follows.

3.2.1 Serial Number Composition - EAC Assigned Serial Numbers

The use of serial numbers assigned by EAC is preferred. The composition of a serial number shall be as shown below:





SERIAL NUMBERING OF DETAIL PARTS, ASSEMBLIES AND EQUIPMENT

3.2.2 Serial Number Composition - Supplier Assigned Serial Numbers

Suppliers may assign serial numbers if permitted by the EAC procurement activity. The supplier may use their own established serial numbering system; however, the method of marking must conform to the EAC engineering drawing requirements.

3.2.3 Serial Number Prefix

Serial numbers shall be preceded with the letters "S/N" unless the item bears a nameplate with a serial number prefix already appearing, such as: SERIAL NUMBER, SER. NO., or SN. However, the S/N prefix shall not constitute nor be considered part of the serial number.

3.2.4 Change or Reassignment of Serial Numbers

Once assigned to an item, the serial number shall not be changed or reassigned to another item. There shall not be any duplication of serial numbers for DASH number changes. The parent drawing number controls the S/N for all parts.

3.2.5 Item Identification Prefix / Component Identifier

The item identification prefix and component identifier numbering systems are no longer used.

3.3 Record of Numbers Assigned

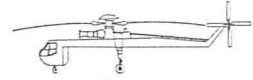
EAC Quality Department will maintain a record of EAC assigned serial numbers.

3.4 Marking of Serial Numbers

The marking method shall be in accordance with the requirements specified on the drawing and, as applicable, ES0037.

3.5 Serial Number Used During Processing

Temporary sequential numbers assigned for manufacturing processing requirements shall not be located adjacent to or in such a manner as to cause confusion with the item serial number as described in this specification.



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4.0 QUALITY ASSURANCE PROVISIONS

4.1 Inspection

Serial numbered items shall be inspected for conformance to the requirements of this specification.

5.0 PREPARATION FOR DELIVERY

Not applicable.

6.0 NOTES

6.1 Drawing Note

“Serialize per ES9070” or similar note is to be included in the general notes on the drawing. The serial number shall be marked in the same general location as the part marking using the same method as identified by ES0037. If different from the part marking location, the serial number location may be indicated by a leader in the F/D of the drawing as shown below:

