

 <b>Service Instruction</b> <b>ENGINE COMPONENTS, INC.</b>	S.I. No.: <b>93-3-4</b>
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<b>Title: RELATIONSHIP BETWEEN CYLINDER ASSEMBLY PART NUMBERS AND ECI CLASS NUMBERS CROSS REFERENCE</b>	<b>Issued: 03/24/93</b> <b>Revision: 1 (09/01/01)</b>
<i>Technical Portions are FAA DER Approved.</i>	

Cylinder assemblies were produced by the Original Equipment Manufacturer (OEM) for installations using part numbers and components that reflected the intended installation only at the time of identification. The evolution of components has resulted in a series of part numbers stamped on cylinder assemblies that have only a casual relationship to current usage.

Engine Components, Inc. (ECi) developed the Class Reference Manual™ as a method of meeting the requirements of FAR Part 45 for cylinder assemblies. Usage has been extended to include all assembly configurations processed by ECi through its PMA (FAR Part 21) and its Repair Station (FAR Part 145). Since the basic cylinder can be altered by FAA approved data, which includes configuration and components installation, the original part numbers may no longer be valid. The Class Reference Manual™ was developed and FAA approved to meet the requirements established in the regulations for appropriate identification and installation eligibility.

The ECi Class Reference Manual™ is the FAA approved method of identification and installation eligibility for cylinders processed by Engine Components, Inc. ECi cannot be responsible for the accuracy of identification and installation eligibility for cylinders processed by other companies. The Class Reference Manual™ identifies the approved installation eligibility of cylinder assemblies identified by ECi documentation provided with each cylinder. This includes the attached maintenance release tag for repaired cylinders or PMA identification tag and permanent markings (Class Number, Work Order, Serial Number and FAA/PMA stamped on the cylinder head).

New ECi replacement cylinder assemblies are identified by part number that is listed with installation eligibility in the FAA PMA Supplement. These parts can also be cross referenced by Class Number for ease of identification.