

CONTINENTAL MOTORS® AIRCRAFT ENGINE  
**SERVICE INFORMATION LETTER**

CATEGORY 5  
**SIL05-3A**

Contains Useful Information Pertaining To Your Aircraft Engine

Supersedes SIL05-3  
 TECHNICAL PORTIONS  
**FAA APPROVED**

**SUBJECT:** Engine Specification Numbers  
**PURPOSE:** To clarify engine configuration code conventions and specification numbering  
**COMPLIANCE:** Upon issuance of this bulletin  
**MODELS**  
**AFFECTED:** All current production engines

**I. Scope**

Every Continental Motors, Inc. (CMI) engine contains a descriptive *configuration* code. Each alphanumeric character in the engine configuration code depicts specific meaning and follows a standard naming convention. The engine configuration code identifies key features of the engine product family.

**II. Background**

CMI has received questions from the field concerning the meaning of the engine specification numbers that are stamped on the engine data plate following the engine model letter. Figure 1 demonstrates the significance of each character in the CMI gasoline engine configuration scheme:

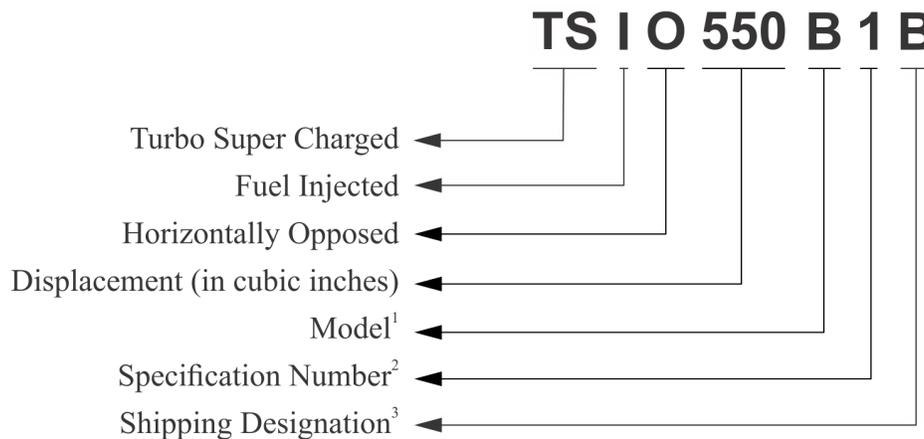


Figure 1. Example Configuration Code, Gasoline Engine Family

<sup>1</sup>Some engine models may be multi-digit.  
<sup>2</sup>Some engine specification numbers may be enclosed in parenthesis.  
<sup>3</sup>B= Wood crate, F= Factory packaging

NOTE: In this example, the Specification Number (**1**), following the Model (**B**) only designates the accessory configuration for this engine. The Specification Number does not alter the Model designation for this engine. As a further example; a TSIO550B**1**B and a TSIO550B**2**B are both **TSIO550B** model engines and both would meet the requirements for an installation specifying a **TSIO550B**.

ISSUED	REVISED		PAGE NO	DOC NO	REVISION
2005/01/31	2014/04/10		P.O. Box 90 Mobile, AL 251-436-8299	1 of 2	SIL05-3

Also note, the letter code (**B**) following the Specification Number (**1**) is normally a shipping designation code or a customer requested deviation from the designated engine specification number assigned by CMI. These codes do not affect the model of the engine. In some rare cases, a different letter may be present in the shipping designation position.

Additional gasoline engine configuration code examples:

Table 1. Additional Configuration Codes, Gasoline Engine Family

Feature	Code	Example <sup>1</sup>
Geared	G	<u>G</u> TSIO520N1B
Left-Hand Rotation	L	<u>L</u> TSIO360RB1B
Liquid Cooled	L	TSIO <u>L</u> 550C1B
FADEC <sup>2</sup> equipped engine	F	IO <u>F</u> 550N1B

1. Note location/placement of code within the configuration designates specific feature.
2. Full Authority Digital Electronic Control (FADEC)

Figure 2 demonstrates a typical CMI jet fuel (diesel) engine configuration scheme:

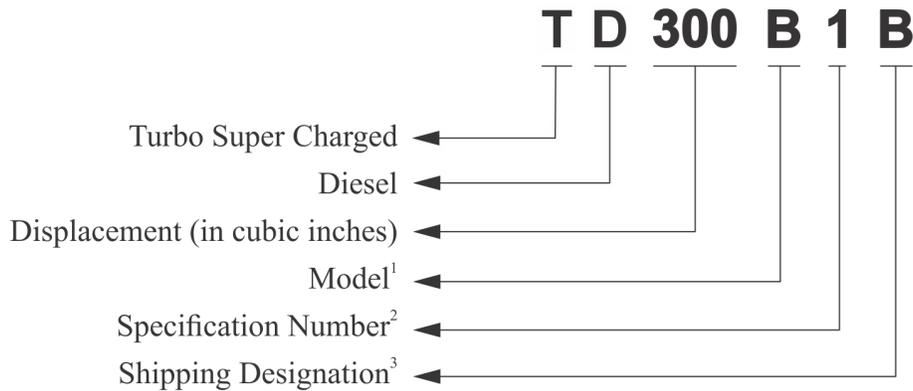


Figure 2. Example Configuration Code, Diesel Engine Family

- <sup>1</sup>Some engine models may be multi-digit.
- <sup>2</sup>Some engine specification numbers may be enclosed in parenthesis.
- <sup>3</sup>B= Wood crate, F= Factory packaging