

**COMPUTATION FORMULA OF MOD-7 CHECK DIGIT
LOCATED UNDER
CBP Form 7512, "Transportation Entry and Manifest
of Goods Subject to CBP Inspection and Permit"**

To compute the check digit use the following formula:

1. Divide the assigned **8-digit** in-bond serial number by **7**;
2. Multiply the **remainder** by **7**. The **remainder** is the single digit number after the period. If more than one digit appears as the remainder use only the first digit;
3. Round **up** that answer to the **next** whole number. This answer is the "**Mod-7 Check Digit**";
4. Mod-7 Check digit is then inserted at the end of the **8-digit** serial number, which will then have **9-digits**.

Example 1:

The assigned **8-digits** serial number is: **25770003**

1. **$25770003 \div 7 = 3681429.0$** ;
2. **$0.0 \times 7 = 0$** ;
3. Zero ("0") is a whole number. **Do not round up**. Zero ("0") is the "Mod-7 Check Digit";
4. The in-bond number with the check digit will appear as follows:
257700030

Example 2:

The assigned **8-digits** serial number is: **25770005**

1. **$25770005 \div 7 = 3681429.2$** ;
2. **$0.2 \times 7 = 1.4$** ;
3. **"1.4" round up** to the **next whole number** which is **2**
(Two (**2**) is the "Mod-7 Check Digit");
4. The in-bond number with the check digit will appear as follows:
257700052

An example list of 21 serial numbers, with check digits, is shown below.

Note: The check digit can only be **0-6** and will **repeat every seventh number**.

257700004	257700074	257700144
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257700015

257700026

257700030

257700041

257700052

257700063

257700085

257700096

257700100

257700111

257700122

257700133

257700155

257700166

257700170

257700181

257700192

257700203