

MIL-STD-1553B vs MIL-STD-1553C

Following table summarizes the updates between the B and C revisions of MIL-STD-1553. There are 3 changes between the revisions.

1. In MIL-STD-1553C standard, the reference document for EMC (Electromagnetic Compatibility) was changed as MIL-STD-464. Paragraph 4.5.1.5.3 is updated accordingly.
2. An additional information regarding to the operation of Remote Terminal was appended to the document.
3. The definition of superseding for valid command was added.

No	MIL-STD-1553B	MIL-STD-1553C
1	Referenced Documents MIL-E-6051	Referenced Documents MIL-STD-464
2	4.4.3 Remote Terminal 4.4.3.1 Operation	4.4.3 Remote Terminal 4.4.3.1 Operation Additional Info: No combination of RT address bits, T/R bit, subaddress/mode bits, and data word count/mode code bits of a command word shall result in invalid transmissions by the RT. Subsequent valid commands shall be properly responded to by the RT.
3	4.5.1.5.3 Wiring and cabling for EMC The wiring and cabling provisions of MIL-E-6051 shall apply.	4.5.1.5.3 Wiring and cabling for EMCThe wiring and cabling provisions of MIL-STD-464 shall apply.
4	4.6.3.2 Reset data bus transmitter If while operating on a command, a terminal receives another valid command, from either data bus, it shall reset and respond to the new command on the data bus on which the new command is received. The terminal shall respond to the new command as specified in 4.3.3.8	4.6.3.2 Superseding valid commands If while operating on a command, a terminal receives another valid command, from the other bus, it shall reset and respond to the new command on the data bus on which the new command is received. The terminal shall respond to the new command as specified in 4.3.3.8