

Test Release Changes KFLOP/KMotion Versions 4.35d -> 4.35e 11/16/2020

Trajectory Planner

Fix bug first introduced in V4.35c. The issue is triggered by multiple GCode segments in exactly the same direction and where one of those is microscopic in length and is filtered out. In this case the updated change in direction is computed incorrectly which results in a zero direction change being "rounded" and causes a divide by zero.

Fix Break Angle/Corner Rounding with 5 axis GCode

Fix discontinuous motion (quantum leap) when switching RTCP mode on/off on-the-fly.

KMotionCNC Screen Editor

Fix overlapping controls on Script Form | Action | Run C Program | Param

KMotion.exe

C Program right-click context menu on #include files now also searches the C Program directory to allow quick opening of the included file.

KMotionCNC

Fix User Combo Boxes used in Screen Scripts

DROs now have 3 decimals in metric mode instead of 4

TCC67

Fix bug potentially causing KFLOP crash when declaring local string variables (char arrays) initialized to constants. Intrinsic function memset was being called with parameters in reverse order.

TI Compiler

Fix incorrect Linking to Internal RAM with wrong placement causing KFLOP crash using pragmas CODE_SECTION or DATA_SECTION as shown below.

```
#pragma TI_COMPILER(3)
#pragma CODE_SECTION(main, ".IRAM")
#pragma DATA_SECTION(myvar, ".IRAMD")
```