

working7 Manual Flow Evidence

Status: PASS
Job ID: w7-20260628002915-30d1c6c8
Report ID: report-w7-20260628002915-30d1c6c8
Target: http://127.0.0.1:41931/web-rtcp-5axis-sim-plan/app/index.html
Generated: 2026-06-28T00:29:15.240Z
Screenshots: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence

Checks

Check	Status	Evidence
Main shell regions and canvas are ready	PASS	{ "regions":{ "titlebar":true,"preview":true,"dro":true,"gcode":true,"status-sidebar":true,"info-tabs":true,"override":true,"spindle-coolant":true,"bottom-controls":true},"canvas":{ "fiveAxisCanvas":"true","r183":"threeReady":"true","threeRevision":"183","threePathPoints":"2","threeExecutedPathPoints":"1","threeSceneObjects":"20","threeToolhead":{"x":0,"y":0,"z":0},"threeSceneUnits":"m","reference","threeCameraControls":"orbit-pan-zoom","threeProgramPreviewSource":"linuxcnc-interpret-wasm","threeToolExecutionMarker":"true","threeTcpMarker":"sphere","threeToolAxisMarker":"line","threeToolpathPreviewSource":"linuxcnc_interpreter_canonical_motion","threeToolExecution":{"x":0,"y":0,"z":0.002},"size":{"x":0,"y":0,"z":0.005},"maxSpan":{"0.005}}","threeCurrentSegmentHighlight":"ok","threeRapidFeedVisualDistinction":"ok","threeNoGcodeSemanticsGeneration":"ok","threeRapidPathPoints"
POWER and HOME leave MANUAL ready	PASS	{ "powerOn":true,"taskState":"on","mode":"manual","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G0 X0 Y0 Z0"}
AUTO activates without losing power/home	PASS	{ "powerOn":true,"taskState":"on","mode":"auto","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G0 X0 Y0 Z0"}
Manual jog changes X	PASS	{ "before":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"after":{"x":1,"y":0,"z":0,"a":0,"b":0,"c":0}}
MDI command is accepted in MDI mode	PASS	{ "machine":{"powerOn":true,"taskState":"on","mode":"mdi","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G90 X12.5 Y-4 Z1.25 F900"},"operatorMessage":"task/HAL I
Overrides reset and HAL toggles are active	PASS	{ "feed":{"rapidOverride":100,"feedOverride":100,"feedRate":900,"currentVelocity":100.0002},"gmoccopyGui":{"ignoreLimits":true,"optionalBlocks":true,"optionalStop":true,"lastHalPinEffect":"opi
Spindle and coolant controls update state	PASS	{ "spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":true,"mist":true}}
Session restore returns to saved profile	PASS	{ "machineProfile":"xyzac-trt","sessionPersistence":{"status":"restored","storageMode":"opfs","path":"web-rtcp-5axis-sim-plan/sessions/working7-manual-flow/working7-session.json","savedAt":"manual-flow/working7-session.json","savedStorageMode":"opfs","restoredPath":"web-rtcp-5axis-sim-plan/sessions/working7-manual-flow/working7-session.json","restoredStorageMode":"opfs
Diagnostics expose Task/HAL and gmoccopy HAL	PASS	{ "rapidOverride":100 %,"feedOverride":100 %,"spindleOverride":100 %,"halLast":"web-control spindle override reset to 100","session":"restored / opfs / opfs available / opfs_available / we / resume blocked","taskHal":"task / motion / hal / sync","gmoccopyHal":"gmoccopy_hal_pin_postgui_reference_web_diagnostic_only","operatorMessage":"LinuxCNC machine files staged 9"}
Screenshots are nonblank	PASS	01-loaded:0.7823, 02-powered-homed-manual:0.7823, 03-auto-active:0.7823, 04-manual-jog-x:0.7823, 05-mdi-command:0.7842, 06-overrides-hal:0.7841, 07-spindle-coolant:0.7841, 08-sess

Steps

01-loaded - Main shell loaded

The gmoccopy shell, canvas, diagnostics, and public store API are ready.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/01-loaded.png

State: { "machineProfile":"xyzac-trt","runState":"idle","machine":{"powerOn":false,"taskState":"estop-reset","mode":"manual","allHomed":false,"interpState":"idle","taskPaused":false,"mdiCommand":"G0 X0 Y0 Z0"},"axisPose":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":4500000,"currentVelocity":0},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":false,"mist":false},"sessionPersistence":{"status":"not-saved"},"storageMode":null,"path":null,"savedAt":null,"restoredAt":null}}

02-powered-homed-manual - POWER and HOME

Machine is powered, homed, and in MANUAL mode.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/02-powered-homed-manual.png

State: { "machineProfile":"xyzac-trt","runState":"idle","machine":{"powerOn":true,"taskState":"on","mode":"manual","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G0 X0 Y0 Z0"},"axisPose":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":4500000,"currentVelocity":3600},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":false,"mist":false},"sessionPersistence":{"status":"not-saved"},"storageMode":null,"path":null,"savedAt":null,"restoredAt":null}}

03-auto-active - AUTO mode active

AUTO mode becomes active while power and home state are preserved.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/03-auto-active.png

State: {"machineProfile":"xyzac-trt","runState":"idle","machine":{"powerOn":true,"taskState":"on","mode":"auto","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G0 X0 Y0 Z0"},"axisPose":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":4500000,"currentVelocity":3600},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":false,"mist":false},"sessionPersistence":{"status":"not-saved"},"storageMode":null,"path":null,"savedAt":null,"restoredAt":null}}

04-manual-jog-x - Manual X+ jog

X+ jog changes the X axis position in MANUAL mode.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/04-manual-jog-x.png

State: {"machineProfile":"xyzac-trt","runState":"jogging","machine":{"powerOn":true,"taskState":"on","mode":"manual","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G0 X0 Y0 Z0"},"axisPose":{"x":1,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":4500000,"currentVelocity":3600},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":false,"mist":false},"sessionPersistence":{"status":"not-saved"},"storageMode":null,"path":null,"savedAt":null,"restoredAt":null}}

05-mdi-command - MDI command

MDI accepts a coordinate command and records the staged/executed command state.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/05-mdi-command.png

State: {"machineProfile":"xyzac-trt","runState":"mdi","machine":{"powerOn":true,"taskState":"on","mode":"mdi","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G90 X12.5 Y-4 Z1.25 F900"},"axisPose":{"x":12.5,"y":-4,"z":1.25,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":900,"currentVelocity":100.0002},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":false,"mist":false},"sessionPersistence":{"status":"not-saved"},"storageMode":null,"path":null,"savedAt":null,"restoredAt":null}}

06-overrides-hal - Overrides and HAL inputs

Rapid/feed overrides reset to 100 and HAL input toggles are active.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/06-overrides-hal.png

State: {"machineProfile":"xyzac-trt","runState":"idle","machine":{"powerOn":true,"taskState":"on","mode":"manual","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G90 X12.5 Y-4 Z1.25 F900"},"axisPose":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":900,"currentVelocity":100.0002},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":false,"mist":false},"sessionPersistence":{"status":"not-saved"},"storageMode":null,"path":null,"savedAt":null,"restoredAt":null}}

07-spindle-coolant - Spindle and coolant

Spindle, spindle override, flood, and mist controls obey the powered machine gate.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/07-spindle-coolant.png

State: {"machineProfile":"xyzac-trt","runState":"idle","machine":{"powerOn":true,"taskState":"on","mode":"manual","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G90 X12.5 Y-4 Z1.25 F900"},"axisPose":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":900,"currentVelocity":100.0002},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":true,"mist":true},"sessionPersistence":{"status":"not-saved"},"storageMode":null,"path":null,"savedAt":null,"restoredAt":null}}

08-session-restored - Save and restore session

Saved profile and control state are restored after switching to another profile.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/08-session-restored.png

State: {"machineProfile":"xyzac-trt","runState":"idle","machine":{"powerOn":true,"taskState":"on","mode":"manual","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G90 X12.5 Y-4 Z1.25 F900"},"axisPose":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":900,"currentVelocity":100.0002},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":true,"mist":true},"sessionPersistence":{"status":"restored"},"storageMode":"opfs","path":"web-rtcp-5axis-sim-plan/sessions/working7-manual-flow/working7-session.json","savedAt":"2026-06-28T00:29:22.494Z","restoredAt":"2026-06-28T00:29:22.717Z"}}

09-diagnostics - Diagnostics

Task policy, INI, Task/HAL, full boundary, gmoccapy communication, and HAL diagnostics are visible.

Screenshot: /home/meswork/cnc_wams/qa/web-rtcp-5axis-site-test/output/working7-manual-flow-evidence/09-diagnostics.png

State: {"machineProfile":"xyzac-trt","runState":"idle","machine":{"powerOn":true,"taskState":"on","mode":"manual","allHomed":true,"interpState":"idle","taskPaused":false,"mdiCommand":"G90 X12.5 Y-4 Z1.25 F900"},"axisPose":{"x":0,"y":0,"z":0,"a":0,"b":0,"c":0},"feed":{"rapidOverride":100,"feedOverride":100,"feedRate":900,"currentVelocity":100.0002},"spindle":{"enabled":false,"direction":"stop","override":100,"rpm":1600},"coolant":{"flood":true,"mist":true},"sessionPersistence":{"status":"restored","storageMode":"opfs","path":"web-rtcp-5axis-sim-plan/sessions/working7-manual-flow/working7-session.json","savedAt":"2026-06-28T00:29:22.494Z","restoredAt":"2026-06-28T00:29:22.717Z"}}