

4/2016 Procedurals Table of Contents

1. 13_Parameters.pdf
 - a. a simple one-page list of Designated and Undesignated Creo Parameters
2. Bolt Circle dims.pdf
 - a. 2-page explanation of the phenomenon of missing Bolt Circles (BC's) on radially or diametrically placed hole patterns
3. Change Drawing Units.pdf
 - a. a how-to for changing a drawing's .dtl file and a process for handling the conundrum of BOTH your dimension and referent dimension being the same number
4. Cosmetic threaded rod variable length .pdf
 - a. shows the correct way to handle having cosmetic threads on a surface that is then made flexible. This problem manifests in threaded rods. Though the practice of putting cosmetic threads on purchased parts is discouraged, there are many out there that have CT's on a stretch of length that is meant to be variable. This will tell you how to design the purchased part such that the cosmetic thread shortens to whatever length is needed.
5. Creating_3D_PDF.pdf
 - a. Creo process for creating 3-D pdf's.
6. Creating _STL-Objet_Files.pdf
 - a. shows the process for creating the most triangulated stl files for 3D printing (this is out of Creo)
7. Creo_Do-Not-Tool_mapkey-use.pdf

- a. explanation for why one needs the Do-Not-Tool symbol on every drawing and how to go about using the mapkey that places and controls it
8. Creo_Override_Tol_sym.pdf
- a. this one explains the Override_Tol symbol embedded within every APS format
 - b. it IS a little out of date with the name of the symbol, but the one that replaced it works exactly the same way
9. Creo-WC_Save-As.pdf
- a. pretty old, but still relevant. Explains the different ways that one can perform a Save-As in Creo/Windchill and the advantages/disadvantages of each.
10. Datum Tags.pdf
- a. 11-page explanation of Datum Tag attachment in Creo drawings
11. Datums_GD&T.ppsx
- a. 47-page long resource for drawing datums and GD&T stuff
12. Dim_Props.pdf
- a. this covers Dimension Properties Codes (like @\$, and @+, etc.) These are used in Creo dimensions to do things like originate the dimension leader
13. Dimensions outside the border.docx
- a. kind of a specific drawing's problem, but if anyone else has drawings that have published shrunk in size because of outlying dimensions, this can at least show you a way to handle fixing it.
14. Drawing Hole table row height adjustment.pdf
- a. how to fix a hole table that refuses to cell-height adjust to accommodate dual dimensions
15. DRP Release Process 4-18-11.pdf

- a. kind of ancient, but if anyone has need of Releasing AutoCAD drawings, this is the process you're supposed to use.

16. drws_in_Creo_Vu.pdf

- a. a step-by-excruciating-step how-to to have all the drw's in a Windchill promotion request open up in CreoView

17. E-DCN_walkabout.pdf

- a. everything you ever wanted to know about our ancient DCC system and how to use it

18. Ellipse Equation.pdf

- a. not quite certain, but it seems to be a process for creating an ellipse curve from an equation in Creo. It also involves Pro/Program...

19. Email SetupTB_zimbra.pdf

- a. may be entirely outdated as we don't use Zimbra as our mail server anymore

20. Erase unwanted Datum Tag from a drawing view.pdf

- a. just like the title says . . .

21. Fix drawing program error.pdf

- a. all newer drawings come with an embedded drawing program. If you're doing a Save-As from older stock, you may run into drawing program errors. This will help in handling those.

22. floooow.pdf

- a. much like the DRP Release Process procedure, this one explains how to start a workflow to Release stuff in the Windchill world

23. GDT_RECTANGLE_WORKSHOP.docx

- a. 14pg Word document to address GD&T issues

24. Gen_FindingOutBadgeNumbers.pdf

- a. it's one of DCC's requirements when taking out new drawing numbers to have the engineer's badge number on hand. If the engineer is not available to ask, you might try using 'putty'. This procedure will show you how.

25. Get_PhotoLux.pdf

- a. just a 1-page how-to for obtaining a PhotoLux license within Creo

26. Mechanica_demo.pdf

- a. a presentation for a simple use of Mechanica.

27. model tree config.pdf

- a. 3-page how-to for how one would go about adding columns to one's Model Tree

28. outputting_BOM_info.mp4

- a. a quick movie (mp4 format) to show how to get a listing of components out of Windchill's information page for any Creo assembly

29. Procedure for solidifying a step file.pptx

- a. step-by-step for solidifying errant STEP files that come in in surface form

30. ProE_3D Annotation settings.pdf

- a. a little outdated (we were on Wildfire 4 at the time), but contains a couple of how-to's for Annotation-type issues

31. ProE_BOMs-n-Purchsd_Parts.pdf

- a. Creo-oriented discussion of how to 'fake' a BOM in a drawing and the conditions that make such an action necessary

32. ProE_Chamfer_start_end.pdf

- a. interesting how-to for making PARTIAL chamfers

- b. to be used hand-in-hand with the following two ...
- 33. ProE_Chamfer_start_end_VIDEO.avi
- 34. ProE_Chamfer_Straight_VIDEO.avi
- 35. ProE_Glyphs-Model_Tree_Icons.pdf
 - a. I think I stole this straight out of the ProE Help Guide, but it shows all the little icons one might encounter in Creo's Model Tree. Of course, this was a number of Creo versions ago, so it may be woefully out of date by now.
- 36. ProE_MATHCAD.pdf
 - a. Jason's group meeting presentation to show MathCad's functionality within ProE (at the time, not Creo)
- 37. ProE_Point_Array.pdf
 - a. another group meeting presentation to show how one could import a point array (from Excel or txt files from Survey and Alignment, etc) and create a curve profile from it
- 38. Publish a viewable without a promotion request.pdf
 - a. 1-pager about clicking on the 'printing presses' on an item's information page
- 39. rendering_using_PhotoLux.pdf
 - a. a quick procedure (and lengthy discussion) for rendering using Creo's PhotoLux
- 40. Screw size in model tree.pdf
 - a. procedure for adding thread info (screw-size) as a column in your Model Tree
- 41. Using Blend Vertex.pdf
 - a. within the Blend or Swept Blend features is an option for Blend Vertex, this'll show you how to use it
- 42. Vault User Manual.pdf

- a. this is the official Autodesk Vault User Manual, all 204 pages of it
43. Vendor Triangle Alignment.pdf
- a. a one-page how-to for aligning all of your BOM's vendor triangles alongside the table
44. WC Basics.pptx
- a. an 18-page powerpoint about basic Windchill functionality. The pictures might be a little out of date, but the info is still relevant.
45. WC_chk-in_denied.pdf
- a. a flow chart that might prove helpful in analyzing why one's Check-In into Windchill failed.
46. WC_Ineligibly_Rec.pdf
- a. explanation for the "Ineligible for Upload" that one might encounter in one's Windchill workspace
47. WC_Listed_Searches.pdf
- a. 2-pg procedure for adding system-wide searches to your list of "Saved Searches" -may be a little out of date, this was written for version 9.1
48. WC_Release_Process.pptx
- a. step-by-step powerpoint to get one through the Windchill Release Process
49. WC_Renaming_CAD.pdf
- a. again, a little out of date but the functionality is almost the same (Had to add an Acrobat note to call attention to the one discrepancy I found.)
50. WC_workspace_prefs.pdf
- a. this shows you how to set up a New Workspace the right way (tying it to the proper context -APS Product and choosing a default location for any new files you might create) Although the pics are dated, the process is similar.

51. weight-mass.pdf

- a. shows you how to put an updatable weight note on your drawing

52. XL_setup.pdf

- a. as the DRP (Drawing Release Package) process is still in use for AutoCAD stuff, I think this is still applicable for setting up a Microsoft Excel spreadsheet so that you can more easily make that cover page for your DRP.

53. Your Workspace check in Folder.pdf

- a. this is a Dan's rehash (with more current pictures) of the WC_workspace_prefs.pdf