

InspectionXpert OnDemand tip sheet - Spec Ballooning

Pratt & Whitney Suppliers using InspectionXpert OnDemand

Purpose:

To provide steps to create an InspectionXpert project to use as a baseline for ballooned spec notes for use on new future projects.

Applicability:

Pratt & Whitney Suppliers using InspectionXpert OnDemand

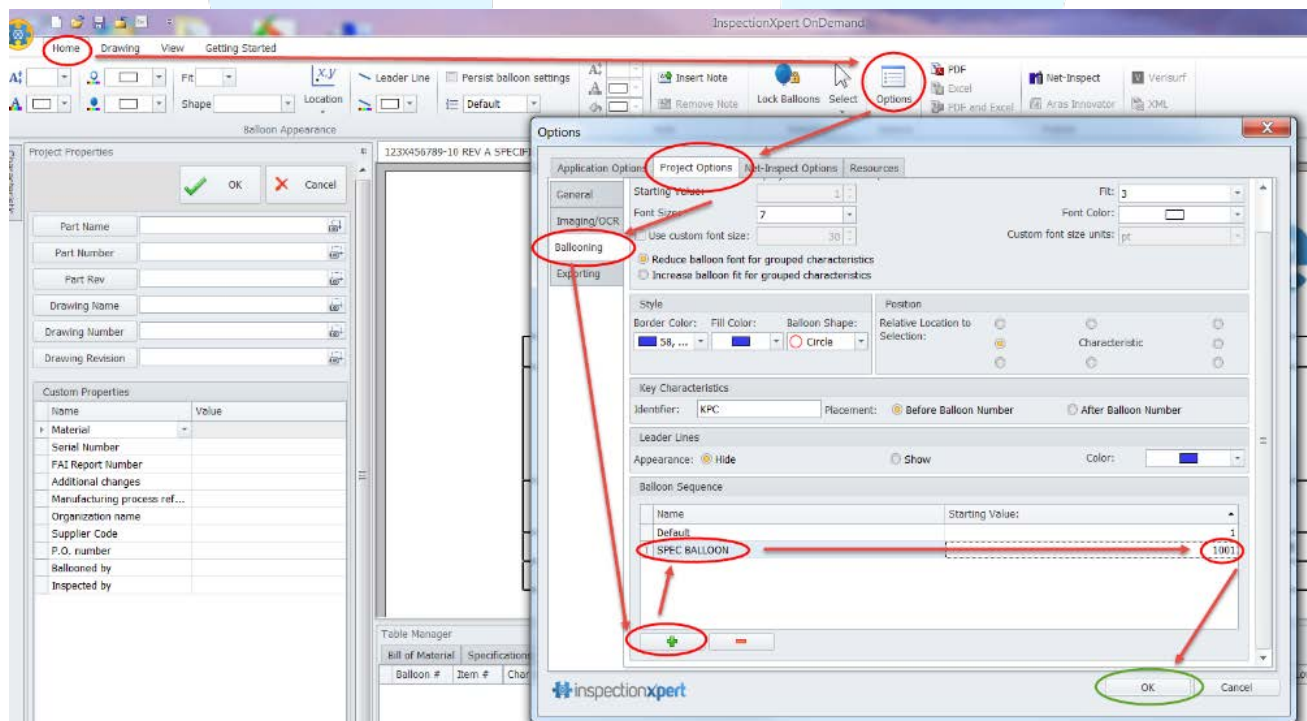
Scope:

This will include steps specific to Pratt & Whitney's instance of InspectionXpert OnDemand for how to complete Spec Ballooning.

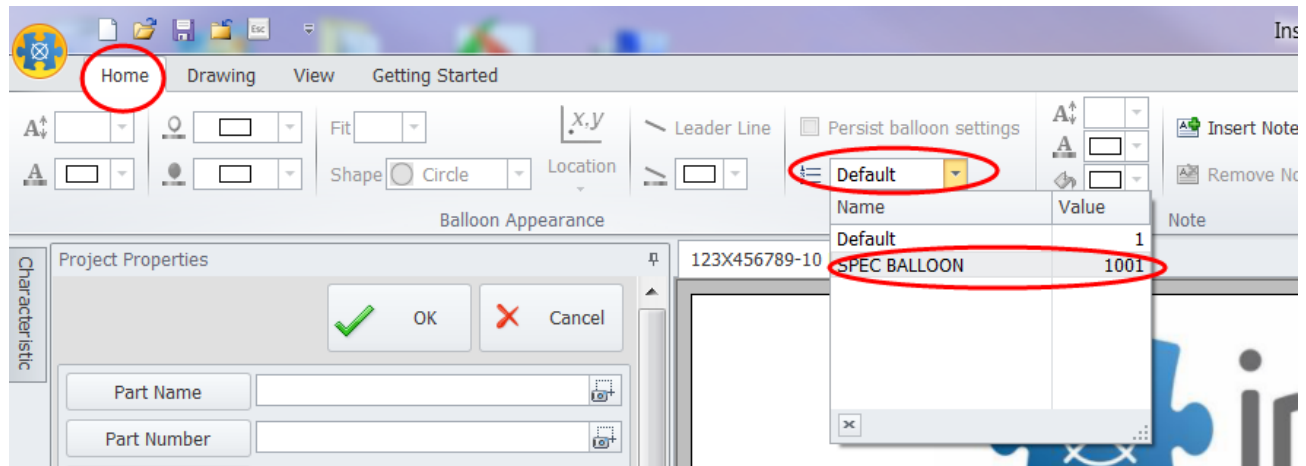
For questions regarding content or requirements please contact your Pratt & Whitney Supplier Quality Representative.

Steps to create a Spec Balloon project

1. Launch Pratt & Whitney InspectionXpert OnDemand
2. Create a new InspectionXpert project using your Spec to be ballooned
3. From the Home tab
4. Select "Options"
5. Go to "Project Options" at the top of the Options and "Ballooning" tab at the left side of the Options.
6. In the "Balloon Sequence" section click the + icon to add a new sequence
7. Name the new sequence "SPEC BALLOON" and input a Starting Value of "1001"
8. Click "OK"



9. From the Home tab
10. Within the Balloon Appearance
11. Select the drop down for Balloon Sequences, changing it from Default to Spec Balloon



12. Save your project with a traceable name including a revision e.g. 12345689 SPEC REV A.

13. Extract/Balloon your spec notes

Note: The balloons will start at 1001

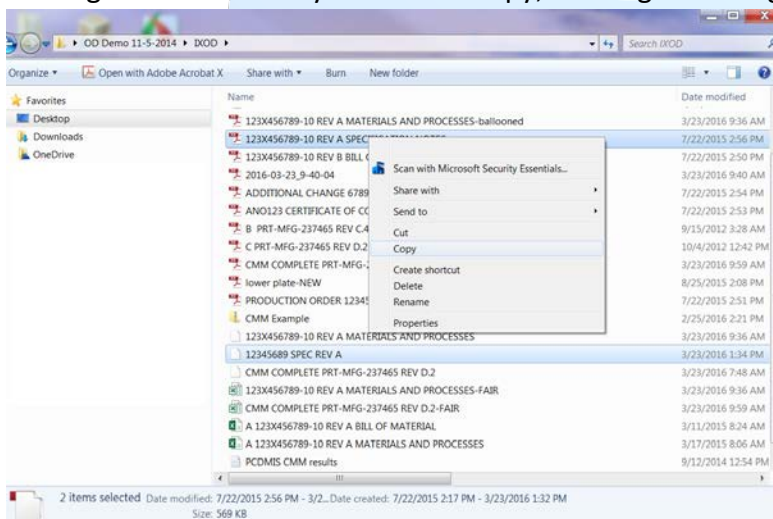
14. When finished save your project

15. Close your project

When you are ready to do a new FAI that will use balloons from the Spec Balloon project.

1. Launch Pratt & Whitney InspectionXpert OnDemand
2. Copy and paste the Project and Spec used to create the project to a new folder in which you will use to create your new FAI.

Note: You can copy by multi-selecting by holding down your ctrl key on your keyboard and clicking the documents you want to copy, then right clicking and selecting copy.



3. Open the newly copied project from the folder you just copied it into.

4. Do a Save As, name this project specific to your actual FAI/Rev

5. Close the project you just saved
6. Delete out of the folder, the original project you copied over e.g. 12345689 SPEC REV A to this new folder. So that only your new project exists, the spec document and any new documentation you may have already included in that folder.
7. Update project properties with new information for your new FAI
8. Save project
9. Delete out what balloons are not needed by selecting all balloons/characteristics, then deselecting which ones to keep.

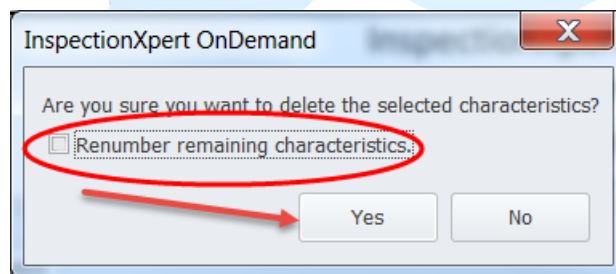
Note: You can de-select the balloons/characteristics within the table manager by holding down your ctrl key on your keyboard and clicking the balloons/characteristics you want to keep, then right clicking and selecting delete.

10. Delete to delete balloons not needed.

Table Manager									
Bill of Material		Specifications		Bill of Characteristics					
Balloon #	Item #	Char Zone	Qty	Type	Sub-Type	Units	Value	Plus	
1001	1001		1	Note	Note		All notes on the drawing are to b...		
1002	1002		1	Note	Note		All spacing needs to be next to a ...		
1003	1003		1	Note	Note		Part marking needs to be located ...		
1004	1004		1	Note	Note		All connections need to be pressu...		
1005	1005		1	Note	Note		Break all sharp edges per specific...		
1006	1006		1	Note	Note		Finish all parts green and white		
1007	1007		1	Note	Note		Mismatch not to exceed .010 and ...		
1008	1008		1	Note	Note		All surface profiles unless otherwi...		
1009	1009		1	Note	Note		Serialize #0003 on flange using 1...		

11. At the renumber remaining characteristics box, de-select the check box for Renumber remaining characteristics.

12. Then click "Yes"



Note: Only balloons you wanted to keep will remain.

To continue on ballooning

13. Ensure the "Default" sequence is selected from the Home tab to start ballooning at Characteristic #1 or to create a new sequence repeat steps 5-8 above and use that sequence.

The screenshot shows the InspectionXpert software interface. The main window displays a drawing titled "123X456789-10 REV A SPECIFICATION NOTES.pdf". The drawing contains several specification notes, with the first one being: "All surface profiles unless otherwise specified are to be within .020". The software interface includes a ribbon with various tools like "Insert Note", "Remove Note", "Lock Balloons", and "Selection". On the left, there is a "Project Properties" panel with a "General" section showing "Type: Note", "Sub-Type: Note", and "Quantity: 1". Below the drawing, a "Table Manager" window is open, displaying a table with columns for "Bill of Material", "Specifications", and "Bill of Characteristics".

Bill of Material	Specifications	Bill of Characteristics
Balloon #	Item #	Char Zone Qty Type Sub-Type Units Value Plus Tolerance Minus Tol
1	1	1 Note Note All notes on the drawing are to b...
2	2	1 Note Note All spacing needs to be next to a ...
3	3	1 Note Note All connections need to be pressu...
1003	1003	1 Note Note Part marking needs to be located ...
1005	1005	1 Note Note Break all sharp edges per specific...
1008	1008	1 Note Note All surface profiles unless otherwi...

***** Specifications Notes*****

- 1 All notes on the drawing are to be within a certain limit
- 2 All spacing needs to be next to a note
- 1003 Part marking needs to be located next to the flange
- 3 All connections need to be pressure tested
- 1005 Break all sharp edges per specification

Note: The balloons will start at 1 and there will be a gap between the Default sequence and Spec Sequence where you leave off.