



Why PDF

- Neutral File Format
- In Accordance with ASME Y14.41
 - Need to Publish/Approve
- Readily Readable Format
- Compatible with JEDMICS
- Long Term Archiving and CAM compatibility
 - Embedded STEP



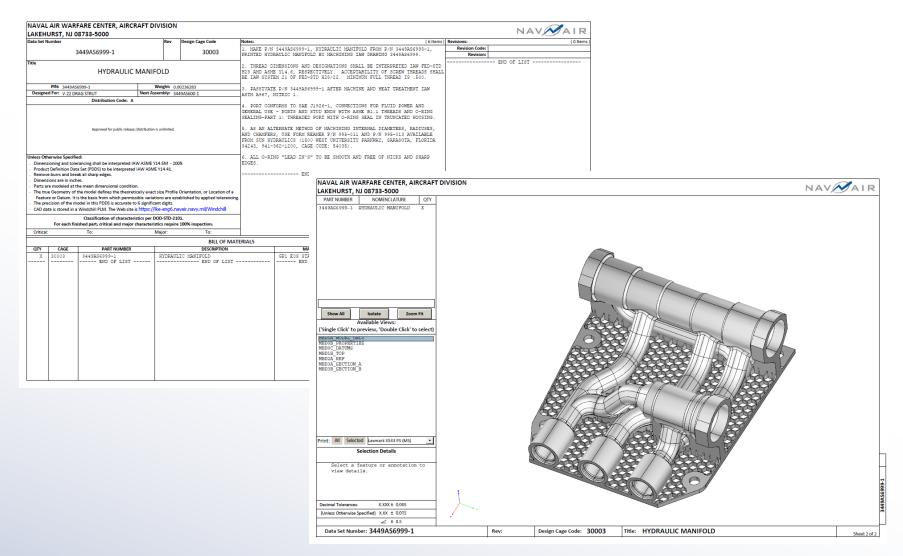
Other File Formats

- Native CAD
- STEP
- JT
- IGES

File Format	Neutral	ASME Y14.41 Including Approval	CAM Compatible	Readily Readable	JEDMICS	Output Design Capable
PDF (PRC)	Yes	Yes	No	Yes	Yes	Yes
JT	Yes	No	No	No	No	Yes
STEP	Yes	No	Yes	No	No	Yes
IGES	Yes	No	Yes	No	No	Yes

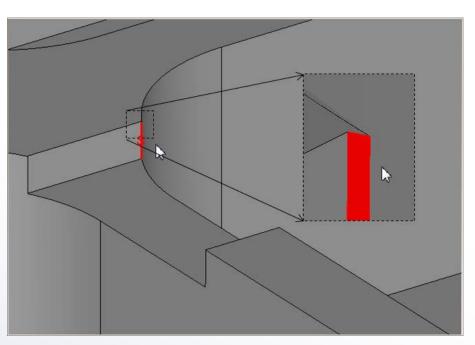


3D PDF

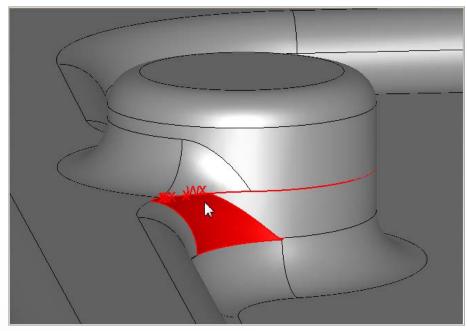




Producibility in MBD



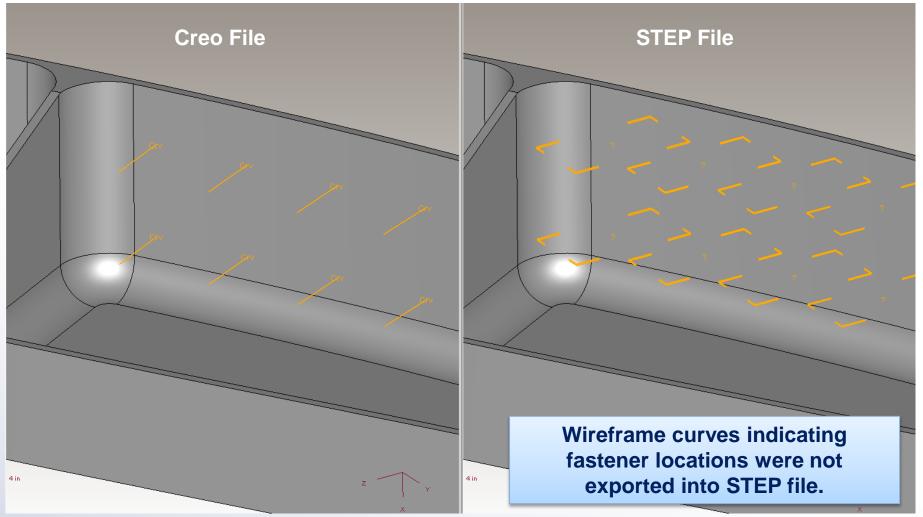
Overhanging Fillet
The indicated fillet extends out to form a sharp edge (see inset image).



Undercut Feature
The highlighted fillet cuts under the upper part of this feature.



Verification in MBD





Additional Information

- NAWCADLKE-DDR-486600-0010
 - Summary and results of the CTMA, MBD for ALRE & SE Project
- NAWCADLKE-DDR-486600-0008
 - 3D PDF as the solution for MBD.
- John Schmelzle

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Thank You!