

## Supplier/Partner Bulletin BCA Supply Chain

Number: SB24-425			Issue Date: 1/17/2024				Effective	Effective Date: 1/17/2024			
Subject: Out-of-Sequence Work											
Applies to:	Partners/suppliers						Category:	Urgent Routine Action	☐ Change ☐ Training ☑ Info Only		
Applicable AP:			747	[	767	<b>777</b>	□ 787				
Boeing Propriet	ary: YES NO	$\boxtimes$	•	Additio	onal inf	formation provid	led as attachme	nts to bulletin: Y	ES NO		
Purpose: Remind partners/suppliers of potential risks, and provide recommended actions to address work not completed according to its planning documents. Work done out of its planned position (e.g., "traveled work") or planned sequence is referred to below as "nonstandard work." "Product" refers not only to end items, but also any detail or subcomponents within.											
<b>Background:</b> It is imperative that products delivered to Boeing conform to all relevant engineering requirements and that your quality processes are followed. Boeing provides the following recommended actions to remind suppliers of ways to mitigate risk associated with nonstandard work.											
<b>Bulletin:</b> Use your established risk-assessment processes to evaluate whether your Quality Management System adequately documents and controls nonstandard work.											
When performing nonstandard work:											
<ul> <li>Document processes for managing any tasks that could introduce nonconformances into product that has already been inspected and accepted.</li> </ul>											
<ul> <li>Document processes that ensure integrity is maintained when removing any previously installed product.</li> </ul>											
<ul> <li>Document processes that protect any completed product. Take into account the possibility of FOD migration into the completed product.</li> </ul>											
<ul> <li>Document processes that verify nonstandard work throughout downstream locations.</li> </ul>											
<ul> <li>Consider additional training modules for employees completing work within a new area.</li> </ul>											
<ul> <li>Consider ergonomics when planning or performing nonstandard work in a new environment.</li> </ul>											
Please work with your Boeing Procurement Agent and Supplier Quality Representative if assistance is needed.											
Reference: N/A											
<b>Compliance Requirements</b> : YES ☐ NO ☐: (If YES identify type) Import ☐ Export ☐ If applicable list regulations, requirements, export classification control number, and/or hyperlinks:											
Subject Matter Expert (SME/Bulletin Originator) * Name: Brion Baker Phone: 425.919.4820											
Bulletin Contact (If other than SME) (N/A ☑) Name:											

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## Supplier/Partner Bulletin

**BCA Supply Chain** 

Number: SB2	04 400	Haarra	Det	. 4/47/0	004	Effective.	Data: 4/47/202				
		Issue Date: 1/17/2024				Effective Date: 1/17/2024					
Subject: Torque - Tool and Work Instructions											
Applies to:	Partners/suppl parameters	iers building to	o des	Category:	Urgent Routine Action	☐ Change ☐ Training ☒ Info Only					
Applicable AP:	⊠ All Models ☐ 737			747	<b>767</b>	<b>7777</b>	<b>787</b>				
Boeing Propriet	ary: YES 🗌 NO			Additional	information provid	ded as attachme	nts to bulletin: Y	′ES □ NO 🏻			
Purpose: Con	Purpose: Communicate recommended actions to improve manufacturing torque processes.										
<b>Background</b> : It is imperative that products delivered to Boeing conform to all relevant engineering requirements and that your quality processes are followed. Boeing provides the following recommended actions to ensure that suppliers meet all applicable torque requirements.											
Bulletin: Evaluate torqueing steps or processes within your manufacturing system.											
To improve reliability and repeatability, ensure that work instructions are mistake-proof and quality is continuously monitored—particularly torqueing requirements.											
<ul> <li>Reinforce the alignment between your work instructions and engineering requirements.</li> </ul>											
<ul> <li>A requirements matrix that documents product, operations, and detectability characteristics will highlight torque processes that should receive a separate quality observation and/or inspection.</li> </ul>											
<ul> <li>If you are unfamiliar with the use of requirements matrices, IAQG materials provide a good resource.</li> </ul>											
<ul> <li>Document torque requirements directly within work instructions, rather than cross-referencing to the drawing or specification.</li> </ul>											
<ul> <li>Increase operator focus on torque operations by requiring mechanics to record actual applied torque, either on a work order or in an automated system to record such values.</li> </ul>											
Ensure you have proper tool calibration processes to address out-of-tolerance tools.											
Reinforce proper tool use through continuous training/re-training.											
Please work with your Boeing Procurement Agent and Supplier Quality Representative if assistance is required.											
Reference: N/A											
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