

TAS and GCC Deck Fastener Tightening S-AB-P-182 Rev A

Intent: The TAS and GCC deck fasteners loosen with traffic requiring re-tightening to avoid creating a safety hazard. This procedure applies only to those fasteners used to hold down the decking. Those fasteners used to suspend cable trays or any other fixtures and equipment below the bar grating are not included in this procedure.



Figure 1: (a) Required tools; (b) Grating tie-down assembly

Tools Required:

- Torque wrench, 3/8-in drive, CDI Model # 2502MRMH-CDI
- 7/16-in Socket, 3/8-in drive
- 24-in Socket extension, , 3/8-in drive

Torque Requirement: 70 in-lbs

Frequency: Monthly (1-section per month (see cycle schedule), or as required)

Personnel Required: One

Special Precautions: Precautions must be taken when working around and under any optical tables, TIM's and equipment of any kind. Do not to disturb cables, fibers, cords, vacuum lines and pneumatic lines as a disruption in shot operations may occur.



TAS and GCC Fastener Tightening Checklist:

1	<p>Obtain permission from Shot Director before starting.</p> <p>Refer to the Cycle Schedule to determine which section of decking is scheduled for maintenance. Start at that section and proceed until complete.</p> <ul style="list-style-type: none"> • Note: Take extreme caution not to disturb the large optics, optical tables, cables, fibers, etc. 	<input type="checkbox"/>
2	<ul style="list-style-type: none"> • Tighten each fastener to 70 in-lbs. • Tighten any other fasteners observed to be loose. 	<input type="checkbox"/>
3	Enter the completed item into the Experimental Systems log and return this checklist to the XOPS Group Leader	<input type="checkbox"/>
(End)		

Signature _____ **Date Completed** _____

Document Release:

TAS and GCC Deck Fastener Tightening; S-AB-P-182

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