



StandardAero
Component Services

Continuous Improvement

CI Update: Walk 419

Great Ideas!



Ci Spotlight

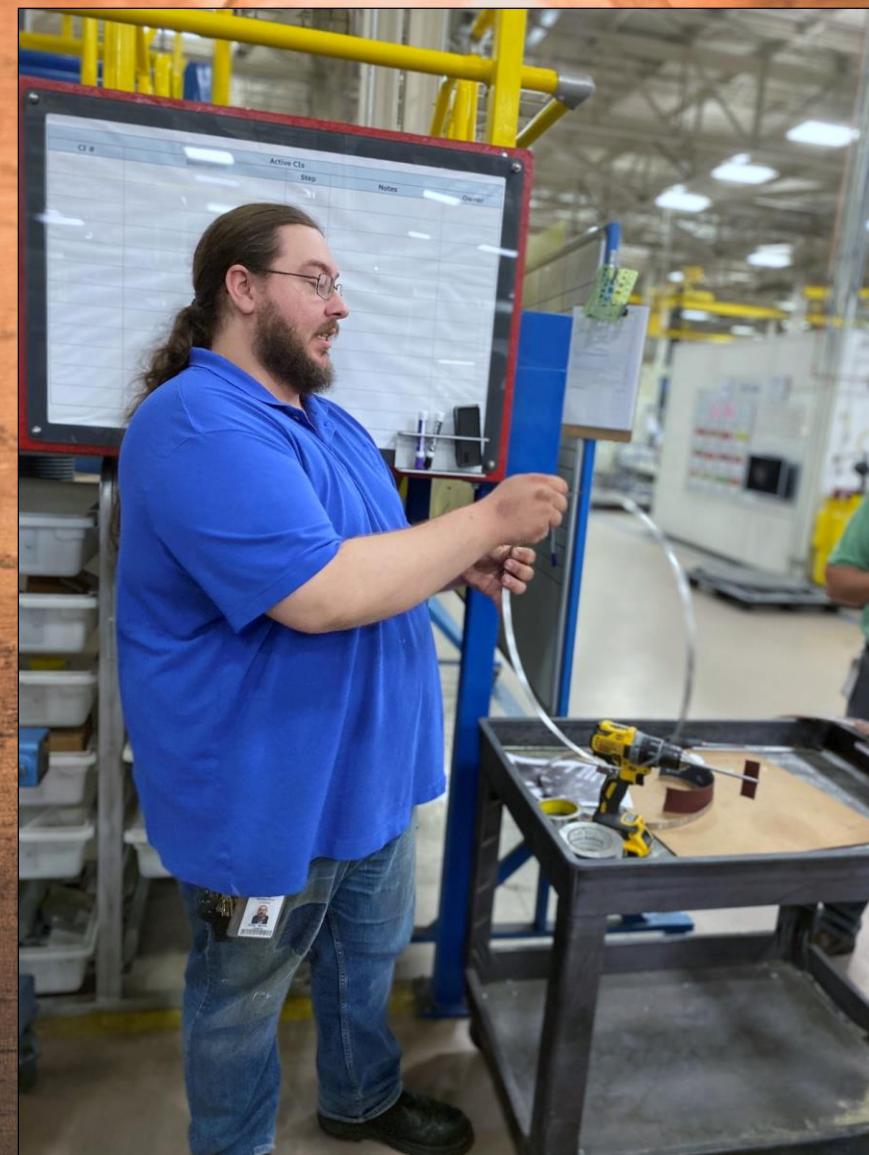


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R&D Cell CI #19406 PW4000 Shaft Fixturing

Current state: When using butterfly polishing, damage occurs to the diameter.

Future State: Design a pragmatic and repeatable fixture for the PW4000 shaft.





LPT Cell, CI #20508 Dabber Weld Fixture

Current state: Distortion has occurred during automated welding process.

Future State: Fixture Request has been submitted to better restrain the part during the weld operation.



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Large Cell CI #20307 Nuts

Current state: Torque process causes nuts to twist and become un-seated during shank nut installation.

Future State: Use a pneumatic rivet squeezing tool to reduce rework for non-seating shank nuts.





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R&D Cell CI #20488

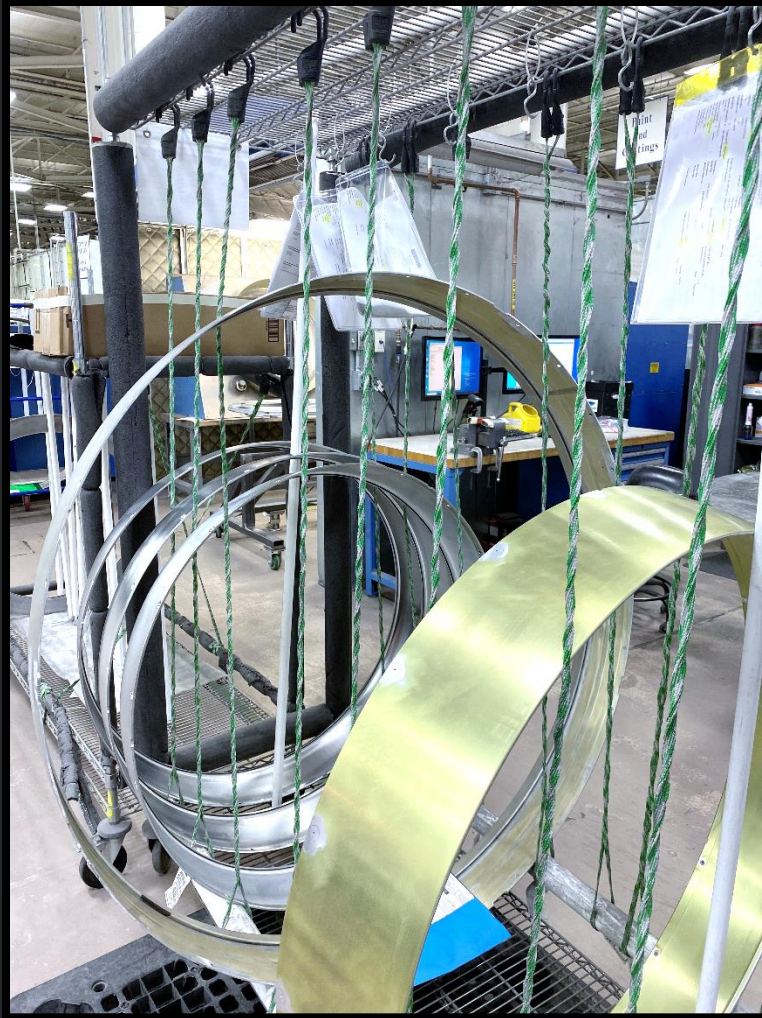
CFM56-5B Abradable Liner Locating Fixture



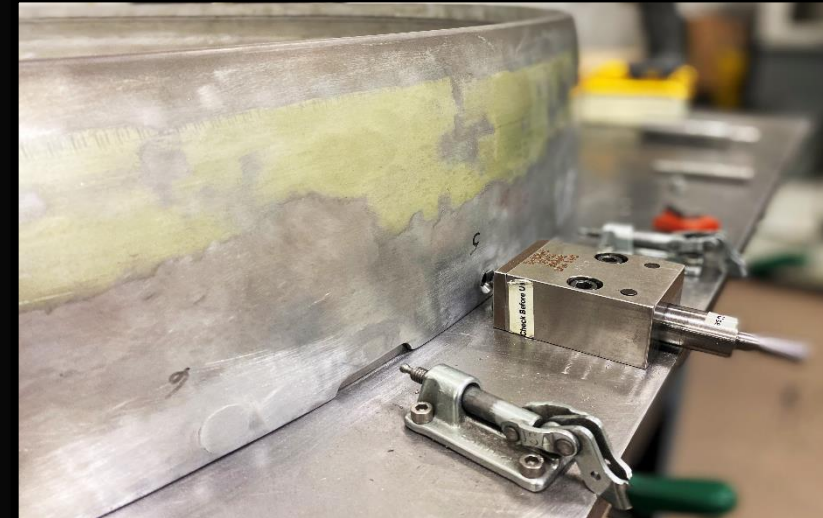
Current state: Existing sheet metal tool is unable to hold the abradable liner within the dimensional tolerance during curing.

Future State: Manufacture tooling using Cytec LTM10 tooling prepreg on the FWD and AFT side of the abradable shroud case surface.

Composite Cell CI #20498 Fairing Locating Pin



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Current state: Multiple reworks due to bolt holes being drilled off-center or oversized.

Future State: Designed pins to fit into the bolt hole to ensure accuracy.



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StandardAero Component Services
1150 Mosteller Road
Cincinnati, Ohio 45241

REMOVAL

Part Identification
P/N _____ S/N _____
Part Name _____ Qty _____

Removed From
P/N _____ S/N _____
Part Name _____ TCN _____
ESN _____ Qty _____

Remarks: _____

Employee _____ Date _____

TAG# 00052 TAG# 00052
TCN: _____
QTY: _____

F7.5.3-9-1 Rev. Int

Small/Medium Cell CI #20294 Tracking Removed Parts

Current state: Parts are not being returned to the customer with the repaired component/hardware within a timely fashion.

Future State: Created a tag system along with sequence notes to serve as a reminder for the parts that need to be returned.