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| Traveler Title | Cebaf Five Cell Cavity Transfer to Test Stand |
| Traveler Abstract | This traveler verifies proper transfer of Cebaf five cell cavities to test stands in preparation for VTA testing. |
| Traveler ID | C75-CAV-TRANS-TSTD |
| Traveler Revision  | R1 |
| Traveler Author | C. Dreyfuss |
| Traveler Date | 22-Apr-20 |
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| NCR Dispositioners | D. Forehand, K. Davis, K. Macha, G. Ciovati |
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| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author | Reviewer | Project Manager |  |

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| References | List and Hyperlink all documents related to this traveler. This includes, but is not limited to: safety (THAs, SOPs, etc), drawings, procedures, and facility related documents. |
|  | <https://jeffersonlab-my.sharepoint.com/personal/dreyfuss_jlab_org/Documents/VAA%20pumping%20Procedure.docx> |  |  |  |
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| Revision Note |  |
| R1 | Initial release of this Traveler. |

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| Step No. | Instructions | Data Input |
| 1 | At this point the cavity is fully assembled and torqued and ready to hang in test stand for pump-down and leak check. * Hang cavity and cage in the test stand with the back tech.
* Ensure cavity test stand is bled up and nitrogen is shut off on the test stand so N2 is not purging into the test stand while attaching cavity to test stand.
* Record cavity and test stand serial number.
 | [[CAVSN]] <<CAVSN>>[[TestStand]] <<VTATSSN>>[[Technician]] <<SRFCVP>>[[Technician]] <<SRFCVP>>[[Comment1]] <<COMMENT>> |
| 2 | * Remove 2 ¾ blank from the down pipe of the test stand and wipe the lip of the bellows on the down pipe with an alcohol soaked wipe.
* Remove the temporary blank off the pump out port of the cavity.
* Using clean vacuum practices, install a new 2 ¾ copper gasket onto the cavity pump flange out and install the bellows from the test stand onto the cavity pump out port in one fluid motion( use two personnel or the two spring clamps you just removed to hold the bellows flange in place while installing fasteners). Install two bolts and nuts and snug down. Ensure the copper 2 ¾ gasket is correctly in place. Install the rest of the bolts and evenly tighten down the flange.
 | [[Comment2]] <<COMMENT>> |
| 3 | * Follow the slow pump down procedure C75 Slow pumping Procedure <https://jeffersonlab-my.sharepoint.com/personal/dreyfuss_jlab_org/Documents/VAA%20pumping%20Procedure.docx> to evacuate the cavity.
* Record the day/time of the pump down start.
* Leak test cavity after the calibrated leak is visible.
* Leak check all joints on the cavity with the RGA system attached to the test stand. There shall be no detectable leak on any joints. If cavity is leaking inform the supervisor for further instruction.
* Upload leak check file.
* Set the RGA for an analog scan looking at mass 2 thru 100.
* Upload scan.

Cavity is ready to be moved to VSA for sensor attachment, and VTA test. | [[PumpdownStartTime]] <<TIMESTAMP>>[[CavityAnlogScan]] <<FILEUPLOAD>>[[CavLkChck]] <<FILEUPLOAD>>[[Technician]] <<SRFCVP>>[[LeakTight]] <<YESNO>>[[Comment3]] <<COMMENT>>[[LeakCheckComplete]] <<TIMESTAMP>> |