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| Traveler Title | ER5C Cavity Field Probe Feedthrough Leak Check | | | |
| Traveler Abstract | This traveler provides the necessary steps to perform leak check on ER5C (C20, C50, C75) cavity field probe feedthroughs. | | | |
| Traveler ID | ER5C-CMA-FPFT-LEAK | | | |
| Traveler Revision | R1 | | | |
| Traveler Author | L. Zhao | | | |
| Traveler Date | 31-Jan-25 | | | |
| NCR Informative Emails | areilly,overtonr | | | |
| NCR Dispositioners | lzhao,forehand,weaksmc | | | |
| D3 Emails | lzhao,forehand,weaksmc,areilly,overtonr | | | |
| Approval Names | L. Zhao | C. Wilcox | J. Fischer | A. Reilly |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author | Reviewer 1 | Reviewer 2 | Project Representative |

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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. | | | |
| [11151-0033\_Cavity pair assembly probe assembly\_RevA](https://misportal.jlab.org/jlabDocs/documents/versions/7275/download) | [JL0170822 C75 CAVITY FIELD PROBE](https://misportal.jlab.org/jlabDocs/documents/versions/205675/download) | [CeramTec Drawing Q464641 RevA](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-295412/Q464641S.pdf) |  |  |

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| Revision Note |  |
| R1 | Initial release of this traveler. |

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| Step No. | Instructions | Data Input |
| 1 | This step is Step 4 in the inspection traveler ER5C-INSP-FPFT.    Record the serial number of the feedthrough.  Enter the operator name and date.  Leak check feedthrough to JLAB Specification 11141S0029 RevB "Leak Check of Small Items". Leak Rate not to exceed 2e-10 atm cc/sec of He.  Indicate if the feedthrough pass leak check.  Provide comments and upload plots/files of the leak check if needed.  When the leak check is done, re-package the feedthrough and send to inventory for storage until use. | [[FPFTSN]] <<FPFTSN>>  [[LeakCheckTech]] <<SRF>>  [[LeakCheckDate]] <<TIMESTAMP>>  [[LeakCheckGood]] <<YESNO>>  [[LeakCheckComments]]<<COMMENT>>  [[LeakCheckFiles]] <<FILEUPLOAD>> |