<table>
<thead>
<tr>
<th>Procedures</th>
<th>Description</th>
<th>Pros and Cons</th>
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</thead>
</table>
| A          | Simulation of operation conditions of the part and testing group of CRAs in those conditions for comparison. | • Lengthy  
• Expensive |
| B          | Review literature for corrosion data and select CRA based on reported data. | • Not reliable—certain critical field conditions may not be discussed in the literature  
• Possibility of selecting an alloy costlier than required |
| C          | Selection based on data provided by the vendor, availability, and low price. | • Possibility of selecting an inappropriate CRA  
• Corrosion and/or cracking |
| D          | Review literature for corrosion data that applies to the anticipated field conditions. Based on the review, make preliminary selection of candidate CRAs. Test the selected CRAs under simulated field environment/specific conditions. Select the most techno-economically viable one. | • Reliable  
• Cost effective |