

| DATA ITEM DESCRIPTION  |   |  | Form Approved<br>OMS No. 0704-0188 |  |
|--|---|--|------------------------------------|--|
| 2. TITLE<br>EDDY CURRENT INSPECTION RECORD FOR BEARING BALLS   |   | 1 IDENTIFICATION NUMBER<br>DI-QCIC-80452 |                                    |  |
| 3 DESCRIPTION/PURPOSE<br>3.1 This record describes the contractor's eddy current inspection equipment and the test and inspection results. It is to provide the contracting activity a basis for verifying the integrity of the bearing ball and the manufacturing process.  |   |  |                                    |  |
| 4 APPROVAL DATE<br>(YYMMDD)<br>871005  | 5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)<br>OS | 6a. DTIC APPLICABLE                      | 6b. GIDEP APPLICABLE               |  |
| 7. APPLICATION/INTERRELATIONSHIP<br>7.1 This Data Item Description contains the format and content preparation instructions for data generated by the "Eddy current inspection record requirements (for Composition 13 balls only)" paragraph of MIL-B-1083.   |   |  |                                    |  |
| 8. APPROVAL LIMITATION   |   | 9a. APPLICABLE FORMS                     | 9b. AMSC NUMBER<br>N4229           |  |
| 10. PREPARATION INSTRUCTIONS<br>10.1 <u>Format</u> . The record shall be in the contractor's format.<br>10.2 <u>Content</u> . The record shall include the following:<br>a. Data of inspection.<br>b. Calibration standards notch dimension, orientation and location.<br>c. Calibration records.<br>d. Lot number of balls.<br>e. Number of balls accepted.<br>f. Number of balls rejected.<br>g. Name and signature of inspector.<br>h. Part handling equipment identification and serial number.<br>i. Make, diameter, frequency, liftoff and serial number of probe used.<br>j. Make, model and serial number of eddy current instrumentation.<br>k. Filter frequency, if used.<br>l. Contract or purchase order number. |   |  |                                    |  |
| 11 DISTRIBUTION STATEMENT<br><br>DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.   |   |  |                                    |  |