

EQUIPMENT SERVICEABILITY CRITERIA
FOR
POWER PLANT, UTILITY, PORTABLE, GAS TURBINE ENGINE
DRIVEN, SKID MTD, AIRESEARCH MDL PPU85-5 NON-
WINTERIZED, FSN 6115-937-0929, AIRESEARCH MDL PPU85-4,
WINTERIZED, FSN 6115-134-0825, LIBBY WELDING CO.,
MDL LPU-71 NON-WINTERIZED, FSN 6115-165-3842

Headquarters, Department of the Army, Washington, D.C., 25 May 1973

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Section I. INSTRUCTIONS

1. Purpose. This manual furnishes the user a procedure for evaluating the readiness condition of the equipment to perform its primary mission for 90 days with normal maintenance support. Application of this procedure does not eliminate or reduce the requirement for prescribed maintenance service on the equipment and does not authorize replacement of components.

- 2. Definitions**
- a.** Equipment Category **GREEN**. Equipment free of condition that would limit the reliable performance of its primary mission for a period of 90 days of operation.
 - b.** Equipment Category **AMBER**. Operationally ready equipment that possesses a limiting factor(s) which may curtail a

reliable performance of its primary mission for a period of 90 days of operation.

c. Equipment Category **RED**. Equipment unable to perform its primary mission immediately or possessing an unacceptable reliability for sustained performance (90 days) of its primary mission.

3. General Instruction.

a. This technical manual, unless classified, will be filed with the equipment log book.

NOTE

Preventive maintenance checks and services and troubleshooting tables in the applicable TM 5 manual are to be used in conjunction with this TM when performing the evaluation. Also applicable LO 5 is required.

b. This evaluation will actually be performed on the item(s) being rated, by operator/crew.

c. Equipment serviceability criteria items covered in this manual, but not authorized to the evaluating organization shall not be rated.

d. Authorized items not on hand will be given the lowest color rating authorized for that item.

e. This equipment is rated on the basis of capability for immediate operation and amount of wear life remaining on the components. The rating is not meaningful unless each check is made with the utmost care and accuracy.

f. Record the evaluation results on DA Form 2404, Equipment Inspection and Maintenance Worksheet, using a separate sheet for each multiple-aspect equipment, subsystem, and/or component, including those evaluated by separately

published equipment serviceability criteria technical manuals. The blocks will be completed as shown below:

(1) BLOCK 1. Insert the organizational designation of the unit performing the evaluation.

(2) BLOCK 2. Insert item name and model.

(3) BLOCK 3. Insert the Federal Stock Number.

(4) BLOCK 4. Insert the hours equipment has been operated as of the date of the evaluation.

(5) BLOCK 5. Insert the standard six digit calendar date that equipment serviceability criteria evaluation is performed. (EXAMPLE: 3 January 1969 would be 690103).

(6) BLOCK 6. Insert the letters "ESC."

(7) BLOCK 7. Insert the equipment serviceability criteria technical manual number and its date of issue.

(8) Column a. Insert the checkpoint item number.

(9) Column b. Place each obtained color rating opposite the item to which it applies. (Insert "**GREEN**," "**AMBER**," or "**RED**" as applicable.)

(10) Column c.. Briefly describe each test item.

(11) Obtain the color rating for each subsystem by taking the lowest color rating given.

(12) BLOCKS 8 and 9. Self explanatory.

(13) BLOCK 10. Insert the overall equipment color categorization.

(14) The color category for the overall equipment will not be rated any higher than the lowest rated item. The color rating will be kept current by recording changes as they occur, on DA Form 2404.

(15) Staple all forms applying to the same system together, with those which apply to the basic system on top.

g. Determine and record the appropriate rating for each checkpoint, each subsystem/component, and the system. The color rating for multiple-aspect equipment will be the lowest rating recorded for a subsystem/component.

NOTE

If an URGENT modification work order has not been applied to any authorized equipment, the equipment and the system will be rated “RED.”

h. Subsystems and components will be separately color rated.

i. A color rating will be assigned for the overall system.

4. Reporting of Equipment Publication Improvements .

The reporting of errors, omissions and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to DA Publications and forwarded to Commander, U. S. Army Mobility Equipment Command, ATTN: AMSME-MP, St. Louis, MO 63120.