

ECI COURSE MATERIALS SHIPPING LIST

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>EFFECTIVE DATE</u>
3E351B Ed 02	STRUCTURAL JOURNEYMAN (AFSC 3E351)	14 OCT 03

INSTRUCTIONS: The following materials are needed to complete this course. Check this list immediately upon receiving your course package, and if any materials are missing or incorrect (numbers don't match), notify ECI immediately. Use the ECI Form 17 for this purpose, and be sure to include your identification number, address, and course/volume number. Send all correspondence separately from your answer sheet.

<u>ITEM</u>	<u>TYPE</u>	<u>DESIGNATION OR TITLE</u>	<u>INVENTORY CONTROL NUMBER</u>
1	ENV	ECI RETURN ENVELOPE (1	
2		FIELD SCORING KEY PACKAGE (Included as part of the Shipping List)	
3	MISC	YOUR KEY TO A SUCCESSFUL COURSE	M140
4	VOL	STRUCTURAL LAYOUT AND SEAMS	3E351B 01 0208
5	VOL	DUCT SYSTEMS AND SHEET METAL COMPONENTS	3E351B 02 0207
6	VOL	OXYACETYLENE WELDING	3E351B 03 0207
	VOL	ELECTRICAL ARC WELDING AND EQUIPMENT	3E351B 04 0210
8	SUPP	SUPPLEMENTARY MATERIAL (FOLDOUTS)	3E351B 02 S01 0207

NOTE: Direct any questions or comments relating to accuracy or currency of textual materials to DSN 868-2533999-9999.

If you are voluntarily enrolled in this course, the base education services or training office representatives should be able to provide assistance. Telephone service is available only to representatives of the MPF-EST and Education Centers per ECI catalog. If it is necessary for you to write to ECI, please use the ECI Form 17, Student Request for Assistance, contained in your course materials package. We will be happy to provide a response to your inquiry.

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PLEASE MAKE THE CORRECTIONS INDICATED BELOW. THESE CORRECTIONS MAY OMIT SOME ERRORS, SUCH AS TYPOS, THAT DO NOT AFFECT THE MEANING OF THE MATERIAL.

NOTE TO THE STUDENTS: FOR THE MOST CURRENT LIST OF DELETIONS, REFER TO YOUR ECI FORM 9, ENROLLMENT CARD.

1 CHANGES FOR THE UNIT REVIEW VOLUME 1

- a. Page 3-25, #50: In the stem, change "40 inches" to "40 feet
- b Page 4-41, #64, choices a and b: Change "plan" to "half plan."
Page 4-43, #77, choice c Change "prick punch" to "drift punch
- d. Page 5-32, #89, choice b Change "end caps" to "end covers

2 CHANGES FOR THE UNIT REVIEW VOLUME 2

- a. Page 2-44, #28: In the stem, change "As you diced . . . type of lines" to "When making a complete breakdown of the trunkline and its branch lines, what are the only lines drawn?
- b Page 3-50, #82: In the stem, change "hanger" to "hanger channels."

3 CHANGES FOR THE UNIT REVIEW VOLUME 3

- a. Page 1-20, #12, choices a and b Change "core" to "cone."
- b Page 2-25, #33: In the stem, delete "selection
- c. Page 2-27, #47, choice d Change "to the root face" to "from the root to the face."
- d. Page 2-28, #53: In the stem, change "a butt joint" to "the butt joint bead width." #57: In the stem, change "heavy plate (thicker than ½)" to "1/2 inch thick plate."

4 CHANGES FOR THE UNIT REVIEW VOLUME 4

- a. Page 2-14, #12: In the stem, change "In what filler . . . chrome nickel steel" to "In what filler classification do you find allow steel electrodes that are used to weld chrome nickel molybdenum steels when heat treatment is required."
- b. Page 3-43, #28: Change "When bead welding . . . monitoring current settings" to "When bead welding, crater size and depth depends on current setting, travel speed,
 - a. electrode type and arc width
 - b. electrode type and arc length
 - c. electrode diameter, arc length
 - d. electrode diameter and arc width."

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4 CHANGES FOR THE UNIT REVIEW: VOLUME 4 (Continued)

c. Page 3-45, #47: Change "A lap welded . . . what deposited thickness" to "What plate thickness allows you to make satisfactory lap joints by depositing a sequence of stringer beads."

d. Page 3-47, #59 After "overhead position" add "on 1/2 inch thick plate."

e Page 4-32, #84 After "stainless steel" add "butt joints

g. Page 5-29, #108: After "weld" add "on a cover pass." #110: In the stem, change "root pass" to "cover pass."

SUPERVISOR/TRAINER/OJT MANAGER: PULL AND RETAIN THIS PACKET

FIELD-SCORING KEYS

3E351B-01 0200
3E351B-02 0207
3E351B-03 0207
3E351B-04 0210

NOTE: Before beginning course study, carefully read "Your Key to a Successful Course".

MARKING COURSE MATERIALS:

- * Students should mark answers to URE questions in the appropriate book.
- * Students may transfer their answers to the Field-Scoring Answer Sheet, ECI Form 34, for scoring convenience.
- * Do NOT use ECI Form 35 to record URE answers.

SCORING VREs/UREs

- * Supervisor/Training/OJT manager will score UREs for mandatory students
- * Voluntary students will score their own URE.
- * Use the enclosed scoring key ONLY. Previous keys may not show the most recent deletions. Compare the enclosed field-scoring key with the ECI Form 9, enrollment postcard; the postcard shows the latest changes.
- * Destroy the scoring key after scoring UREs.

REQUESTING COURSE EXAM (CE)

ACTIVE DUTY AIR FORCE PERSONNEL

- * Mandatory Air Force students request exam through Base Level Personnel System (BLPS).
- * Voluntary Air Force students request exam through BLPS, PC III or ECI Form 17.

FIELD SCORING KEYS