

~~Posted 3 Dec 01~~
~~18 mins RSW~~
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AFIADL COURSE MATERIALS SHIPPING LIST

COURSE NUMBER	COURSE TITLE	EFFECTIVE DATE
2E151 Ed 01	SATELLITE, WIDEBAND AND TELEMETRY SYSTEMS JOURNEYMAN (AFSC 2E151)	14 SEP 01

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 AFIADL immediately. Use the AFIADL 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.

ITEM	TYPE	DESIGNATION OR TITLE	INVENTORY CONTROL NUMBER
1	ENV	AFIADL 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	BASIC ELECTRONICS	2E151 01 0009
5	SUPP	SUPPLEMENTARY MATERIAL	2E151 01 S01 0009
6	VOL	TEST EQUIPMENT	2E151 02 0007
7	VOL	GENERAL SUBJECTS	2E151 03 0008
8	VOL	INFORMATION TECHNOLOGY	2E151 04 0006
9	VOL	MISSIONS AND SYSTEMS	2E151 05A 0008
10	VOL	MISSIONS AND SYSTEMS	2E151 05B 0009
11	SUPP	SUPPLEMENTARY FOLDOUTS	2E151 05B S01 0009

NOTE: Direct any questions or comments relating to accuracy or currency of textual materials to DSN 780-8878.

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 AFIADL catalog. If it is necessary for you to write to ECI, please use the AFIADL 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 AFIADL FORM 9, ENROLLMENT CARD.

GENERAL NOTE FOR VOLUMES 1, 2, 3, AND 5A, PAGE i, PREFACE, LINE 4 FR BOT:
Change "choose complete" to "choose to complete."

1. CHANGES FOR THE TEXT: VOLUME 1

GENERAL NOTE FOR VOLUME 1: Students enrolled for 5-level upgrade must complete ALL mandatory lessons on both the CBT (CD-ROM) and paper-based material. Lessons covered in Volume 1 are currently NOT being tested by UNIT OR Volume Review Exercises (URE/VRE), or on the final course exam. However, students are still required to know this material and supervisors/unit training personnel should verify that mandatory lessons are completed. Please contact the CDC Author if you need further clarification. E-mail: cdc2e1x1@338trsdet1.gordon.army.mil or call DSN 780-8878.

- a. Page 1-4, the last 030-2: Change "030-2" to "030-3."
- b. Page 1-7, the last 032-5: Change "032-5" to "032-6."

2. CHANGES FOR THE SUPPLEMENT: 2E151 01 S01 0009

a. Back of CD-ROM jacket cover, Introduction section: Change "course exam will test knowledge" to "course exam may test knowledge." Inside CD-ROM jacket cover, Point of Contact section: Change "MSgt James E. Beltz" to "2E151 CDC Author."

3. CHANGES FOR THE TEXT: VOLUME 2

- a. Page 3-2, line 4 fr bot: Change "11,000" to "1,100."
- b. Page 3-26, line 7 fr bot: Change "indicator" to "indicators." Line 8 fr bot: Change "letters" to "controls."
- c. Page 3-57, 221-2: Change "11,000" to "1,100."
- d. Page 3-60, 228-20: Change "Indicate" to "Indicates."

4. CHANGES FOR THE UNIT REVIEW EXERCISE: VOLUME 2

a. Page 1-16, #2, choice d: Change "test measurement and diagnostic support center" to "precision measurement equipment laboratory."

b. The following questions are no longer scored and need not be answered: 22 and 32.

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5. CHANGES FOR THE TEXT: VOLUME 3

- a. Page 2-2, line 10: Change "continues" to "continuous."
- b. Page 3-4, line 11 fr bot: Delete "career field."
- c. Page 4-23, 440-2: Change SLANT RANGE solution "39892.28km" to "34940.67km."
- d. Page 4-24, 440-3: In the EL look angle equation, change " $(\cos 20)(\cos 40)(6378/42000)$ " to " $(\cos 20)(\cos 40)-(6378/42000)$."

6. CHANGE FOR THE UNIT REVIEW EXERCISE: VOLUME 3

Page 1-33, #11: In the stem, change "at least" to "less than."

7. CHANGE FOR THE TEXT: VOLUME 4

GENERAL NOTE: Lesson 620 Multiplexing principles precedes lesson 618 Analog and digital conversion.

8. CHANGES FOR THE UNIT REVIEW EXERCISE: VOLUME 4

The following questions are no longer scored and need not be answered: 70 and 106.

9. CHANGES FOR THE TEXT: VOLUME 5A

GENERAL NOTE FOR VOLUME 5A: In unit 3, DSCS fixed satellite communications terminal "AN/GSC-52" is often abbreviated as "GSC-52."

- a. Page 1-62, 810-1: Change "810-1" to "809-6."
- b. Page 1-64, 803-5: Change "Onizuka AFB, California" to "the National Oceanographic and Atmospheric Administration's Satellite Operations Control Center at Suitland, MD."
- c. Page 1-66, 810-1: Change "810-1" to "809-6."
- d. Page 4-8, line 10: Change "cool to quickly" to "cool too quickly."

10. CHANGE FOR THE UNIT REVIEW EXERCISE: VOLUME 5A

Page 4-36, #103, choice b: Change "and continue to" to "to continue."

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11. CHANGES FOR THE TEXT: VOLUME 5B

GENERAL NOTES:

In unit 1, transportable wideband radio terminal "AN/TRC-170" is often abbreviated as "TRC-170."

In unit 3, DSCS fixed satellite communications terminals "AN/GSC-39," "AN/GSC-49," "AN/GSC-52," and "AN/FSC-78" are often abbreviated as "GSC-39," "GSC-49," "GSC-52," and "FSC-78." Mobile satellite communications terminals "AN/TSC-85," "AN/TSC-93," "AN/TSC-94," and "AN/TSC-100" are often abbreviated as "TSC-85," "TSC-93," "TSC-94," and "TSC-100."

In unit 4, multiplexer "AN/FCC-100" is abbreviated as "FCC-100." Full-duplex GMF nodal terminal "AN/TSC-85" is often abbreviated as "TSC-85." Lightweight communications module "AN/TSQ-188" is often abbreviated as "TSQ-188." Message-switching facility "AN/TYC-39" is often abbreviated as "TYC-39."

a. Page 1-12, Figure 1-10: Change "K = •" to $K = \infty$ (Infinity symbol)."

b. Page 1-15, Figure 1-16: Change "K = 1.0" to "K = 1;" "K = 1.2" to "K = 1/2;" "K = 2.3" to "K = 2/3;" "K = 4.3" to "K = 4/3;" "K = 1.2" to "K = 1/2;" and "K = 5.12" to "K = 5/12."

c. Page 1-24, lines 12-13 fr bot: Change "KG-58" to "KY-58."

d. Page 1-31, line 6 fr bot: Change "AN/GCS-239" to "AN/GRC-239."

e. Page 1-42, 902-14: Change "KG-58" to "KY-58."

12. CHANGE FOR THE SUPPLEMENT: 2E151 05B S01 0009

GENERAL NOTE FOR FOLDOUTS 1A and 1B: In the legend and block diagram foldouts, mobile satellite communications terminal "AN/TSC-100" is abbreviated as "TSC-100."

13. CHANGE FOR THE UNIT REVIEW EXERCISE: VOLUME 5B

Page 1-50, #14: In the stem, change "VINSON KG-58" to "KY-58 VINSON."

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

FIELD-SCORING KEYS

2E151-02 0007
2E151-03 0008
2E151-04 0006
2E151-05A 0008
2E151-05B 0009

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, AFIADL Form 34, for scoring convenience.
- * Do NOT use AFIADL 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 AFIADL Form 17.

FIELD SCORING KEYS

NOTE: The CDC shipping list “Field Scoring Keys” section has been removed in order for students to download the most current CDC updates/changes (minus the URE/VRE Answer Keys). Supervisors & Unit Training Managers who desire a copy of the most current Field Scoring Keys may contact the CDC Writer directly.

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