

## **S-290, Intermediate Wildland Fire Behavior Errata Sheet – Optional Instruction of FLAME June 2008**

As per direction from the NWCG Training Working Team, instruction of the Fireline Assessment Method (FLAME) material in the S-290 course is optional. This portion does not need to be taught as part of the certified course. The course hours can be reduced by 4 hours if not using the FLAME material.

The following provides direction for adapting the course content:

### **Instructor Guide**

- Course Instructions; p. 4; A. Student CD
  - Ignore reference to the article “The FLAME Idea in a Nutshell.”
- Course Instructions; p. 6; XIV Appendixes; Appendix C
  - Ignore reference to handouts (which are all FLAME related).
- Unit 0; p. 0.6; VI Where Does This Course Fit Into the Wildland Fire Behavior Curriculum; B; last paragraph
  - Ignore “In addition, the use of the Fireline Assessment Method (FLAME) provides a fireline practical tool predicting significant changes in wildland fire behavior such as rate of spread (ROS).”
- Unit 12
  - Ignore references throughout unit to FLAME and do not hand out FLAME Field Guide.
  - Do not teach to objective 5: “Demonstrate a simple but systematic method for gauging change and estimating fire spread time.”
    - Skip pages 12.17 thru 12.37. This is the majority of the FLAME content; approximately 4 hours of instruction.

### Appendix A – Course Ordering and Support Information

- Do not order NFES 2894, FLAME Field Guide (one per instructor; one per student).

### Appendix C – Handouts

- Do not print 12-01-S290-HO. It is all related to the FLAME exercises.

Appendix D – Final Exam (p. D-24) and Answer Key (p. D-44)

- Remove page D-24 prior to handing out the final exam to students.
- Scoring – this problem is worth 10 points toward the final exam. Previously there were 105 points total for the final exam (with the removal of the duplicate question #17). When removing the FLAME problem there will be a total of 95 possible points. Divide the total points scored by each student by 95 for their final percentage. Students must get 67 points to achieve a 70% passing score.

Appendix F – Pre-Course Work; Part 1; p. F-4

- Remove Pre-Course Work Part 1 prior to sending pre-course work to students. If downloading on-line pre-course work have students ignore Pre-Course Work Part 1.

Appendix F – Pre-Qualifying Test, Part 1: p. F-3 & F-15

- Students are not required to answer Pre-Qualifying Test Part 1 on page F-3 (questions 1-6).
- Scoring – questions 1-6 are worth a total of 8 points. Previously there were 126 points total for the pre-qualifying test. When removing questions 1-6 there will be a total of 118 possible points. Divide the total points scored by each student by 118 for their percentage. Students must get 83 points to achieve a 70% passing score on the pre-qualifying test.

**Student Workbook**

- Unit 0; p. 0.5; VI Where Does This Course Fit Into the Wildland Fire Behavior Curriculum; B; last paragraph
  - Ignore “In addition, the use of the Fireline Assessment Method (FLAME) provides a fireline practical tool predicting significant changes in wildland fire behavior such as rate of spread (ROS).”
- Unit 12
  - Skip pages 12.14 thru 12.26. This is the majority of the FLAME content.

**Power Points**

- Unit 12; Part 1; 12-3-S290-EP; Objective 5
  - Do not teach to objective 5: “Demonstrate a simple but systematic method for gauging change and estimating fire spread time.”
- Unit 12; Part 2; 12-82-S290-EP thru 12-150-S290-EP
  - Hide slides (using hide slide function in PPT) or skip from slide 81 directly to 151.

**Student CD**

- Alert students that the article, “The FLAME Idea in a Nutshell” is for their reference only and will not be used for this course.