

A Publication of the  
**National Wildfire  
Coordinating Group**

*Sponsored by*  
United States  
Department of Agriculture

United States  
Department of the Interior

National Association of  
State Foresters

# NWCG

## National Fire Equipment System Catalog Part 2:

# Publications



**PMS 449-2**  
**NFES 3362**

**April 2004**

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Additional copies of this catalog may be ordered from: National Interagency Fire Center, Great Basin Cache Supply Office, 3833 S. Development Ave., Boise ID 83705. Order NFES # 3362. This catalog is at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm)

# INTRODUCTION

The National Fire Equipment System (NFES), part of the National Wildfire Coordinating Group (NWCG) Fire Equipment Working Team (FEWT), was created to provide standards for fire supplies and equipment and an organized method for stocking and ordering those items.

## GENERAL INFORMATION ABOUT THE CATALOG

The NWCG NFES Catalog is produced in two parts: Part 1 contains the listing of fire supplies and equipment stocked by the NFES caches for active incident support; Part 2 contains the listing of interagency publications, training courses and related audiovisual materials, centrally located at NIFC.

All interested parties may order from Part 2: Publications; however, ONLY active incidents ordering through the established mobilization procedures may order from Part 1: Equipment and Supplies. Call your geographic area cache or coordination center if you have questions regarding ordering from Part 1.

- If orders are charged to an incident, Resource Orders are to be placed in accordance to existing mobilization plans. Refer to the National Interagency Mobilization Guide and area mobilization guides for details.
- There is an assigned NFES number for each item. The NFES number must be used to order an item.
- Use the correct "unit of issue" for each item ordered. "Unit of issue" in this catalog is EACH unless otherwise stated. Some other unit of issue amounts used in this catalog are:  
SE Set                      PG Package                      SH Sheet
- If the item is available through General Services Administration (GSA), the National Stock Number (NSN) is provided. This is true of some forms.
- Items are priced on a cost recovery basis. Prices are adjusted by February 1 of each year. Abbreviations used: \$nc - there is no charge for this item. est - estimated cost of an item

## ORDERING FROM THIS CATALOG

- If orders are not charged to an incident, the order should be sent directly to the Great Basin Cache at NIFC. All the items listed in this catalog are stocked at the Great Basin Cache located at NIFC.
- Mail or fax orders: (no phone orders accepted)  
National Interagency Fire Center, Attn: Great Basin Cache Supply Office  
3833 S. Development Avenue, Boise, ID 83705.      FAX: 208-387-5573/5548

*COMING SOON IN 2004: ON-LINE ORDERING! CHECK [www.blm.gov/gbk/index.htm](http://www.blm.gov/gbk/index.htm) for updated information about this feature.*

- If you have questions about items listed in this catalog, about the status of your order, or about the ordering procedures, please call the Great Basin Cache Supply Office: 208-387-5104.
- The Great Basin Cache performs inventory during January every year. **Please call in early December to verify ordering cut-off date. During inventory, resource orders for active incidents are the ONLY orders processed.** All other orders are processed after inventory in the order they were received at the Great Basin Cache at NIFC.

Use the order and/or credit card forms provided in this catalog or any other order form as long as the essential criteria is stated:

- " Correct shipping address (**do not use P.O. Box address**), contact person & phone number.
- " Payment method: **do not send any payment (cash, check) with the order.**
  - **Credit card:** All ordering units may use credit cards. The Great Basin Cache requires the use of Visa/Mastercard/Discover/Amex credit cards for orders by *private individuals, university/college bookstores and military units*. Orders from these groups will not be processed without a credit card number, expiration date and card holder information. *For credit security, Visa/Mastercard/Discover/Amex information needs to be separate from order form.*
  - **Invoice:** *As of October 2003, federal agencies must have a reimbursable work authorization in place before any order can be processed. Questions regarding this may be directed to the NIFC BLM Finance Office at 208-387-5533/5104.*  
All other agencies/businesses: order number and invoice address are required.
- " Shipping method.
- " For **each** item being ordered, the following information is necessary:
  - NFES (catalog) number
  - short description/title
  - quantity ordered AND Unit of Issue (e.g., each, package, set)

## ORDER RECEIPT

Once a purchase order/requisition is received, a computer "issue" for the requested items is generated. The items are then packaged and shipped, with a copy of the "issue". When you receive your order, immediately verify that all items listed on the computer "issue" have been sent. **Note the "Message" area on the computer "issue" for information about back-orders, out of stock items, items not carried, or any other specific information about your order.** **ORDERS BILLED TO A CREDIT CARD WILL NOT ALLOW FOR "BACK-ORDERED" ITEMS. YOU WILL NEED TO REORDER IF AN ITEM IS OUT OF STOCK.** If there are questions once the order is received, please refer to the "issue number" when calling the NIFC Great Basin Cache Supply Office, 208-387-5104.

All items stocked at the Great Basin Cache at NIFC are priced on a cost-recovery basis. Prices are updated by February 1 each year.

Any return by an office is credited to its specific account--please refer to the "issue number" when returning an item or inquiring about your order. Items ordered from this catalog may be returned for credit within 30 days ONLY if they have not been used and are still a viable item stocked by the Great Basin Cache at NIFC. Obsolete items will not be credited.

## INVOICE PROCEDURES

Federal agencies are billed through an automated payment system: Interagency Payment and Collection (IPAC). ***Federal agencies must have a reimbursable agreement or a credit card to accommodate finance reimbursement procedures implemented in FY04.***

Orders that need to be invoiced are billed within 45 days. Payment is due upon receipt of a "Bill For Collection" issued by National Interagency Fire Center. The cost of the items ordered and the shipping charge will appear on the bill. If you have any questions regarding NIFC billing procedures, please call NIFC Finance, 208-387-5533.

## EVALUATION

If you have comments or suggestions for changes which would benefit the overall information distribution program, mail the comments to: ATTN: Great Basin Cache Manager, National Interagency Fire Center, 3833 S. Development Avenue, Boise, Idaho 83705. Comments will be acted upon by the NFES Committee and the Great Basin Cache.

Send this suggested order format or your own form with the same information to: National Interagency Fire Center, Great Basin Cache Supply Office, 3833 S. Development Ave., Boise, ID 83705. FAX: 208-387-5573.

ORDERING OFFICE ORDER # \_\_\_\_\_

DATE: \_\_\_\_\_

**SHIPPING ADDRESS:** *If incomplete, the order will not be processed.*

*Company/Agency Title:*

*Shipping Address:* (NO P.O. Box)

" Business

" Residential

*City, State, Zip:*

CONTACT PERSON: \_\_\_\_\_

PHONE: \_\_\_\_\_

**SHIPPING CHOICE:**

" OVERNIGHT (FEDERAL EXPRESS) (normally sent within 48 hours upon receipt of order.) **Contact name & phone number required for shipping address.** Preferred delivery date: \_\_\_\_\_

" SHIP "BEST MEANS" (most economical means) (normally sent within 2 weeks upon receipt of order)  
 "Best Means" = If less than 200 pounds: FEDX-Ground . If more than 200 pounds: ground freight.

**PAYMENT CHOICE:** *Credit Card or Invoice.*

**Do not write credit card information on this or any order form.** Send credit card information sheet (sample on page 6) with your order form. The credit card information sheet is protected separately from your order form.

If using credit card, indicate type: " VISA " DISCOVER " MASTERCARD " AMEX

INVOICE ADDRESS *(if different than shipping address):*

*Company/Agency Title:*

*Mailing Address:*

*City, State, Zip:*

*I authorize this order for materials. I understand that the cost of the items and shipping charge will be invoiced or the credit card account will be billed as indicated by my payment choice above.*

AUTHORIZED BY: \_\_\_\_\_

	NFES	ITEM DESCRIPTION	QUANTITY	PRICE	TOTAL
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Suggested Ordering Format Continuation Page

page \_\_\_\_ of ORDER # \_\_\_\_\_

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UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NIFC GREAT BASIN AREA CACHE  
3833 S. DEVELOPMENT AVE.  
BOISE, ID 83705  
FAX NUMBER (208) 387-5573

**CREDIT CARD INFORMATION (MAIL OR FAX WITH ORDER)**

To protect credit card information, please complete the following information and submit with a copy of your order. Do not put credit card information on your order form. Mail or fax the order and this page to Great Basin Cache Supply Office.

The Great Basin Cache requires the use of Visa/MasterCard/Discover/Amex for orders placed by private individuals, university/college bookstores and military organizations placing orders from the Part 2: Publication Catalog. Orders received from these groups without a credit card number, expiration date, and card holder information will not be processed. If you have any questions please call the Great Basin Cache Supply Office at (208) 387-5104.

Note: **ORDERS BILLED TO A CREDIT CARD WILL NOT ALLOW FOR "BACK-ORDERED" ITEMS. YOU WILL NEED TO REORDER IF AN ITEM IS OUT OF STOCK.**

DATE: \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS (NO PO BOX) \_\_\_\_\_

CITY / STATE / ZIP CODE \_\_\_\_\_

TELEPHONE # \_\_\_\_\_

VISA ( )      MASTERCARD ( )      DISCOVER ( )      AMEX ( )

CREDIT CARD NUMBER

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EXPIRATION DATE (MM/YR)

SIGNATURE (required) \_\_\_\_\_

# COURSES

Refer to the Field Manager's Course Guide, PMS 901-1, at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) for in-depth descriptions of courses, job aids and training standards. Refer to [www.nationalfiretraining.net](http://www.nationalfiretraining.net) for monthly course development status and links to course schedules.

<b>Expanded Dispatch</b>	<b>9</b>
D-105	ENTRY LEVEL DISPATCHER
D-110	DISPATCH RECORDER
D-310	SUPPORT DISPATCHER
<b>Incident Command System National Training Curriculum</b>	<b>10</b>
I-100	INTRODUCTION TO ICS
I-200	BASIC ICS
I-300	INTERMEDIATE ICS
I-400	ADVANCED ICS
I-401	MULTI-AGENCY COORDINATION
I-402	ICS FOR EXECUTIVES
<b>Leadership</b>	<b>14</b>
L-180	HUMAN FACTORS ON THE FIRELINE
L-280	FOLLOWERSHIP TO LEADERSHIP
<b>Management</b>	<b>15</b>
M-410	FACILITATIVE INSTRUCTOR
M-480	MAC GROUP
<b>Prescribed Fire</b>	<b>16</b>
RX-300	PRESCRIBED FIRE BURN BOSS
RX-340	INTRODUCTION TO FIRE EFFECTS
RX-410	SMOKE MANAGEMENT TECHNIQUES
<b>Prevention</b>	<b>18</b>
P-101	INTRODUCTION TO WILDFIRE PREVENTION
P-110	INSPECTING FIRE PRONE PROPERTY
P-130	WILDLAND FIRE CAUSE DETERMINATION FOR FIRST RESPONDERS
P-301	WILDLAND FIRE PREVENTION PLANNING
<b>Suppression Skills</b>	<b>19</b>
S-110	BASIC WILDLAND FIRE SUPPRESSION ORIENTATION
S-130	FIREFIGHTER TRAINING
S-131	ADVANCED FIREFIGHTER TRAINING
S-134	LOOKOUTS, COMMUNICATIONS, ESCAPE ROUTES AND SAFETY ZONES (LCES)
S-190	INTRODUCTION TO WILDLAND FIRE BEHAVIOR
S-200	INITIAL ATTACK INCIDENT COMMANDER TYPE 4 (ICT4)
S-203	INTRODUCTION TO INCIDENT INFORMATION
S-211	PORTABLE PUMPS AND WATER USE
S-212	WILDLAND FIRE CHAIN SAWS
S-215	FIRE OPERATIONS IN THE WILDLAND/URBAN INTERFACE
S-216	DRIVING FOR THE FIRE SERVICE
S-217	INTERAGENCY HELICOPTER TRAINING GUIDE
S-230	CREW BOSS (SINGLE RESOURCE)
S-231	ENGINE BOSS (SINGLE RESOURCE)
S-232	DOZER BOSS (SINGLE RESOURCE)
S-233	TRACTOR/PLOW BOSS (SINGLE RESOURCE)
S-234	IGNITION OPERATIONS
S-244	FIELD OBSERVER
S-245	DISPLAY PROCESSOR
S-248	STATUS/CHECK-IN RECORDER
S-258	INCIDENT COMMUNICATIONS TECHNICIAN
S-260	INTERAGENCY INCIDENT BUSINESS MANAGEMENT
S-261	APPLIED INTERAGENCY INCIDENT BUSINESS MANAGEMENT
S-270	BASIC AIR OPERATIONS
S-273	SINGLE ENGINE AIR TANKER MANAGER (SEMG)
S-290	INTERMEDIATE WILDLAND FIRE BEHAVIOR
S-300	INCIDENT COMMANDER EXTENDED ATTACK

S-301	LEADERSHIP & ORGANIZATIONAL DEVELOPMENT
S-330	TASK FORCE/STRIKE TEAM LEADER
S-336	FIRE SUPPRESSION TACTICS
S-339	DIVISION/GROUP SUPERVISOR
S-346	SITUATION UNIT LEADER
S-347	DEMOBILIZATION UNIT LEADER
S-348	RESOURCES UNIT LEADER
S-354	FACILITIES UNIT LEADER
S-355	GROUND SUPPORT UNIT LEADER
S-356	SUPPLY UNIT LEADER
S-357	FOOD UNIT LEADER
S-358	COMMUNICATIONS UNIT LEADER
S-359	MEDICAL UNIT LEADER
S-360	FINANCE/ADMINISTRATION UNIT LEADER
S-371	HELIBASE MANAGER
S-378	AIR TACTICAL GROUP SUPERVISOR
S-390	INTRODUCTION TO WILDLAND FIRE BEHAVIOR CALCULATIONS
S-400	INCIDENT COMMANDER
S-403	INFORMATION OFFICER
S-404	SAFETY OFFICER
S-420	COMMAND AND GENERAL STAFF
S-430	OPERATIONS SECTION CHIEF
S-440	PLANNING SECTION CHIEF
S-445	INCIDENT TRAINING SPECIALIST
S-450	LOGISTICS SECTION CHIEF
S-460	FINANCE/ADMINISTRATION SECTION CHIEF
S-470	AIR OPERATIONS BRANCH DIRECTOR
S-490	ADVANCED WILDLAND FIRE BEHAVIOR CALCULATIONS
S-491	INTERMEDIATE NATIONAL FIRE DANGER RATING SYSTEM

## Job Aids

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J-158	RADIO OPERATOR
J-236	STAGING AREA MANAGER
J-252	ORDERING MANAGER
J-253	RECEIVING AND DISTRIBUTION MANAGER
J-254	BASE/CAMP MANAGER
J-255	EQUIPMENT MANAGER
J-257	INCIDENT COMMUNICATIONS MANAGER
J-259	SECURITY MANAGER
J-342	DOCUMENTATION UNIT LEADER
J-375	AIR SUPPORT GROUP SUPERVISOR
TS-256	CACHE DEMOBILIZATION SPECIALIST
PMS 312	EXPANDED DISPATCH JOB AIDS

## Other Courses

41

PMS 316	WILDLAND AND PRESCRIBED FIRE QUALIFICATION SYSTEM
PMS 418	HAZARDOUS MATERIALS AWARENESS PROGRAM FOR FIREFIGHTERS
PMS 419	ENGINE OPERATOR
PMS 427	LOOK UP, LOOK DOWN, LOOK AROUND
PMS 443	CLASS A FOAM
PMS 490	LESSONS LEARNED: FATALITY FIRE CASE STUDIES

# Expanded Dispatch Courses

Refer to the Field Manager's Course Guide, PMS 901-1, at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) for in-depth descriptions of courses, job aids and training standards.

## **D-105 ENTRY LEVEL DISPATCHER (1992)**

### SELF-PACED

NFES 2233	D-105 Administrator's Guide	\$29.66
NFES 2234	D-105 Task Book	\$1.15

This course has been developed to train student in dispatching activities. It is designed to meet the general training needs of dispatchers in the Incident Command System (ICS). It has been developed as a self-paced instructional course and requires that various modules of instruction be copied and provided to students by a course administrator.

## **D-110 DISPATCH RECORDER (1997)**

### CLASSROOM (16 hours)

NFES 2162	D-110 Instructor's Guide	\$25.35
NFES 2163	D-110 Student Workbook	\$ .89

Necessary for each student:

NFES 2400	Expanded Dispatch Job Aids, PMS 312	\$ .68
NFES 2374	Position Task Book Dispatch Recorder, PMS 311-59	\$ .55

One of the following is needed per class:

NFES 2092	National Interagency Mobilization Guide	\$3.58
NFES 0362	NWCG NFES Catalog, Parts 1 & 2	\$4.99
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est

This course is designed to train potential dispatch recorders on the structure of an expanded dispatch organization. It provides the student with a working knowledge of the purpose and process of completing the resource order and other dispatch forms and established dispatch procedures. The D-110 Student Workbook is designed to be put into a 3-ring binder, along with other local use references to create a job aid. Note: Unit Identifiers is available at [www.nifc.gov/news/nicc.html](http://www.nifc.gov/news/nicc.html)

## **D-310 SUPPORT DISPATCHER (2000)**

### CLASSROOM (33 hours + pre-course work)

NFES 2382	D-310 Instructor's Guide	\$39.31
NFES 2384	D-310 CD-ROM Course Materials	\$2.53
NFES 2383	D-310 Student Workbook	\$16.58
NFES 2631	D-310 Simulation Package (order 1 per group + 1 for lead instructor)	\$37.52

Students need to bring or be provided with:

NFES 2092	National Interagency Mobilization Guide	\$3.58
NFES 0362	NWCG NFES Catalog, Parts 1 & 2	\$4.99
NFES 0065	Fireline Handbook, PMS 410-1 (optional)	\$3.00est
NFES 2373	Position Task Book Support Dispatcher, PMS 311-58	\$ .81
NFES 2400	Expanded Dispatch Job Aids	\$ .68
NFES 2393	Aircraft Identification Guide	\$ .55

Each group of students will need:

NFES 0364	road atlas	\$10.56
NFES 1276	National Interagency Mobile Food Services Contract	\$4.34
NFES 2729	National Interagency Mobile Shower Facilities Contract	\$5.00est
NFES 2068	1" binder, 3-ring (order 5 per group)	\$2.81

Optional for course reference purposes:

NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$20.00est
NFES 0968	NIRSC User's Guide	\$3.67
NFES 2175	Military Use Handbook	\$3.00est
NFES 1414	NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1	\$ .98
NFES 2168	Call When Needed Helicopter Services Contracts	\$4.23
NFES 1885	Interagency Helicopter Operations Guide	\$14.66

This course is designed to train individuals in the functions and responsibilities of a support dispatcher within an expanded dispatch organization. Note: Unit Identifiers is available at [www.nifc.gov/news/nicc.html](http://www.nifc.gov/news/nicc.html)

# Incident Command System National Training Curriculum

The ICS training curriculum is also available at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm). Click on ICS Training and Forms.

## **I-100 INTRODUCTION TO THE INCIDENT COMMAND SYSTEM (Module 1)**

### MODULE 1: ICS ORIENTATION (1994)

SELF-PACED (2 hours)

NFES 2438	Module 1 Administrator's Reference Text	\$ .57
NFES 2439	Module 1 Student Reference Text	\$ .45
NFES 2499	Module 1 video, VHS (5:26)	\$1.91

The module reviews the ICS organization, basic terminology, and common responsibilities.

## **I-200 BASIC INCIDENT COMMAND SYSTEM (Modules 2--6)**

NFES 1806	SLIDE SET FOR MODULES 2-6	\$14.64
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Slides are the same as viewgraphs for modules 2-6. Electronic visuals (Powerpoint) may be downloaded from [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) Click on ICS Training and Forms. *This slide set will be discontinued at the end of 2004.*

### MODULE 2: PRINCIPLES AND FEATURES OF ICS (1994)

(2 hours)

NFES 2440	Module 2 Instructor's Guide	\$ .82
NFES 2441	Module 2 Student Reference Text	\$ .28

Module 2 describes the principal features which constitute the ICS. Collectively, these features identify the unique quality of the ICS as an incident or event management system. Features are: five primary functions, management by objectives, unity and chain of command, transfer of command, organizational flexibility, unified command, span of control, common terminology, personnel accountability, integrated communications, resources management, and the incident action plan.

### MODULE 3: ORGANIZATIONAL OVERVIEW (1994)

(4 hours)

NFES 2442	Module 3 Instructor's Guide	\$1.18
NFES 2443	Module 3 Student Reference Text	\$ .45

Module 3 provides an introduction to terminology, organizational structure, how the organization initially develops at an incident, how the organization expands or contracts, transfer of command.

### MODULE 4: INCIDENT FACILITIES (1994)

(2 hours)

NFES 2444	Module 4 Instructor's Guide	\$ .87
NFES 2445	Module 4 Student Reference Text	\$ .34

Module 4 describes the principal facilities used in conjunction with ICS and discusses their roles at an incident. Six incident facilities are discussed: command post, staging area, base, camp, helibase, helispot.

### MODULE 5: INCIDENT RESOURCES (1994)

(2 hours)

NFES 2446	Module 5 Instructor's Guide	\$ .76
NFES 2448	Module 5 Student Reference Text	\$ .36

Module 5 provides an introduction to the resource status keeping function. The following subjects are covered: descriptions of the kinds of resources often used, why resource status keeping is important, examples of how resources are typed, three ways of using resources at an incident, resource status conditions, changing and maintaining status on resources.

### MODULE 6: COMMON RESPONSIBILITIES ASSOCIATED WITH ICS ASSIGNMENTS (1994)

(2 hours)

NFES 2449	Module 6 Instructor's Guide	\$ .60
NFES 2450	Module 6 Student Reference Text	\$ .28

Module 6 provides students with information on what they need to know and do following assignment to an incident. This module covers actions: prior to an incident, at incident check-in, while working at the incident, during demobilization.

## I-300 INTERMEDIATE INCIDENT COMMAND SYSTEM (Modules 7-11)

NFES 1813 SLIDE SET FOR MODULES 7-9, 11 \$8.26

Slides are the same as the viewgraphs for modules 7-9, 11. There are no slides for module 10. Electronic visuals (Powerpoint) may be downloaded from [www.nwccg.gov/pms/pms.htm](http://www.nwccg.gov/pms/pms.htm). Click on ICS Training and Forms. *This slide set will be discontinued at the end of 2004.*

### MODULE 7: ORGANIZATION AND STAFFING (1994)

CLASSROOM (6 hours)

NFES 2451 Module 7 Instructor's Guide \$.52

NFES 2452 Module 7 Student Reference Text \$.47

Module 7 provides a comprehensive description of the responsibilities of the organizational elements within each section of the ICS. Describes the general duties of each organizational element, terminology, staffing considerations, and reporting relationships.

### MODULE 8: ORGANIZING FOR INCIDENTS OR EVENTS (1994)

CLASSROOM (5 hours)

NFES 2453 Module 8 Instructor's Guide \$1.06

NFES 2454 Module 8 Student Reference Text \$.37

Module 8 describes ways in which incidents and events are organized to ensure achievement of incident objectives. It discusses the steps in organizational development that should take place on the incident/event. The incident briefing is covered. The concept of Unified Command is addressed.

### MODULE 9: INCIDENT RESOURCES MANAGEMENT (1994)

CLASSROOM (4 hours)

NFES 2455 Module 9 Instructor's Guide \$1.16

NFES 2456 Module 9 Student Reference Text \$.43

Module 9 discusses the resource management process at an incident. It describes the stages of resource management, responsibilities related to resource ordering, and the use of the Operational Planning Worksheet. Staging areas, demobilization of resources and considerations related to cost-effective resource management are addressed.

### MODULE 10: AIR OPERATIONS (1994)

CLASSROOM (4 hours)

NFES 2457 Module 10 Instructor's Guide \$.48

NFES 2458 Module 10 Student Reference Text \$.47

Module 10 describes the role of the Air Operations Branch and how to set up an effective aviation organization to support incidents.

### MODULE 11: INCIDENT AND EVENT PLANNING (1994)

CLASSROOM (8 hours)

NFES 2459 Module 11 Instructor's Guide \$1.37

NFES 2460 Module 11 Student Reference Text \$.54

Module 11 describes the planning process, the development of incident objectives, strategies and tactics, the use of operational periods, and the planning meeting. It describes the major steps and the personnel involved in the planning process. It includes support plans that may be required for some incidents, e.g., communications, medical and traffic, and it covers the planning for incident or event demobilization. Forms used in preparing the Incident Action Plan are described.

## **I-400 ADVANCED ICS (Modules 12-15)**

NFES 1825 SLIDE SET FOR MODULES 12-15 \$12.69  
Slides are the same as viewgraphs for modules 12-15. Electronic visuals (Powerpoint) version may be downloaded at [www.nwccg.gov/pms/pms.htm](http://www.nwccg.gov/pms/pms.htm). Click on ICS Training and Forms.

### **MODULE 12: COMMAND AND GENERAL STAFF (1994)**

CLASSROOM (6 hours)

NFES 2461	Module 12 Instructor's Guide	\$1.42
NFES 2462	Module 12 Student Reference Text	\$ .31

Module 12 describes each command and general staff position in terms of principal responsibilities and importance to the organization. Guidelines for activation of the command and general staff positions and the role of deputies and assistants are discussed. Relationships and duties are covered for each command staff member and for agency representatives.

### **MODULE 13: UNIFIED COMMAND (1994)**

CLASSROOM (6 hours)

NFES 2463	Module 13 Instructor's Guide	\$1.39
NFES 2464	Module 13 Student Reference Text	\$ .70

Module 13 describes the purposes and advantages of multi-jurisdiction and multi-agency Unified Command, and how Unified Command can be applied to incident situations. It describes the Unified Command organization, how Unified Command is established, and the roles of its major elements.

### **MODULE 14: MAJOR INCIDENT MANAGEMENT (1994)**

CLASSROOM (4 hours)

NFES 2465	Module 14 Instructor's Guide	\$1.23
NFES 2466	Module 14 Student Reference Text	\$ .31

Module 14 describes how major or complex incidents and events can create special problems related to incident organization. It discusses how anticipating these potential problems can result in increased organizing options for the incident that will lead to more effective management. The module describes several models on how to divide major, single incidents for more effective management.

### **MODULE 15: AREA COMMAND (1994)**

CLASSROOM (6 hours)

NFES 2467	Module 15 Instructor's Guide	\$1.35
NFES 2468	Module 15 Student Reference Text	\$ .31

Module 15 describes why, when, where and how Area Command is established, and the organization, facilities and communications required. It covers the organizational relationships between Area Command and incidents, and between an Area Command and jurisdictional authorities. The demobilization process under an Area Command organization is described.

## **I-401 MULTI-AGENCY COORDINATION (Module 16)**

### **MODULE 16: MULTI-AGENCY COORDINATION (1994)**

CLASSROOM (4 hours)

NFES 2469	Module 16 Instructor's Guide	\$1.52
NFES 2470	Module 16 Student Reference Text	\$ .31
NFES 1830	Module 16 Slide Set	\$3.43

Module 16 describes the major elements associated with developing and implementing an effective Multi-agency Coordination System compatible with the Incident Command System. The module describes essential differences between Area Command, Multi-agency Coordination Systems and jurisdictional Emergency Operation Centers.

## **I-402 ICS FOR EXECUTIVES (Module 17)**

### **MODULE 17: ICS FOR EXECUTIVES (1994)**

#### **CLASSROOM (2 hours)**

NFES 2471	Module 17 Instructor's Guide	\$1.36
NFES 1805	Module 17 video, VHS (13:00)	\$2.43
NFES 2472	Module 17 Student Reference Text	\$ .39
NFES 2473	Module 17 Executive Briefing	\$ .15
NFES 1843	Module 17 Slide Set	\$3.94

Module 17 is an ICS orientation for executives, administrators and policy makers. It provides a basic understanding of ICS, Unified and Area command, and multi-agency coordination to those persons responsible for setting or implementing policy, but who normally are not a part of the on-scene ICS organization. The module also discusses responsibilities and information transfer between agency executives and incident commanders. An Executive Briefing is available to use when time does not permit the use of the instructional module.

### **ICS Curriculum Companion Documents**

#### **INSTRUCTOR CURRICULUM GUIDE (1994)**

NFES 2418 \$ .53

Describes the national ICS curriculum, a list of documents that make up the curriculum, and instructor guidelines for course presentation. Also provides information on each of the seventeen modules and a listing of references used in the development of the Incident Command System National Training Curriculum. PMS 908-1.

#### **CURRICULUM SYLLABUS (1994)**

NFES 2426 \$ .41

Provides descriptions of national ICS curriculum module content, instructional objectives and other information related to each module. PMS 908-2.

#### **SYLLABUS SUMMARY (1994)**

NFES 2431 \$ .30

Provides descriptions of national ICS curriculum module content. PMS 908-3.

#### **SCENARIO AND INCIDENT ACTION PLAN CATALOG (1994)**

NFES 2434 \$2.83

Contains approximately forty scenarios divided into five different incident subject categories. These scenarios are for instructors to use in the event the scenario information included within the modules is not used. All of the scenarios in the scenario catalog are reproduced as is from agency sources. Also, there are several examples of written IAP's from actual incidents. PMS 908-4.

#### **HISTORY OF ICS (1994)**

NFES 2415 \$ .29

Describes how ICS and ICS curriculum were developed. This publication is referred to in Module 1 as the "Development Paper". PMS 201.

#### **ICS GLOSSARY (1994)**

NFES 2432 \$ .35

Defines commonly used ICS terms. PMS 202.

#### **ICS POSITION DESCRIPTIONS AND RESPONSIBILITIES (1994)**

NFES 2433 \$ .47

PMS 203.

#### **ICS FORMS CATALOG (1994)**

NFES 2435 \$ .90

PMS 204.

# Leadership Courses

Refer to [www.fireleadership.gov](http://www.fireleadership.gov) for information regarding the Leadership Courses.

## **L-180 HUMAN FACTORS ON THE FIRELINE** (2000)

CLASSROOM (4–6 hours)

NFES 2650	L-180 Instructor's Guide	\$9.69
NFES 2652*	L-180 video, VHS (2004) (1:00:45)	\$3.71
NFES 2651	L-180 Student Workbook	\$.71

Necessary for each student:

NFES 1077	Incident Response Pocket Guide	\$1.55
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*This course was formerly known as PMS 492. The course has not changed, but has been "re-numbered". Copies ordered will still have "PMS 492" printed on the covers until a re-printing is needed. Description of Leadership courses may be found at [www.fireleadership.gov](http://www.fireleadership.gov)*

Human Factors on the Fireline establishes an awareness of human performance issues and how those issues can impact fireline job performance. This course addresses human performance content that relates to the individual, including situation awareness, communication, decision making, risk management, and teamwork skills. The desired outcome of this training is improved awareness of human performance issues on the fireline so that individual firefighters can integrate more effectively into teams/crews working in dynamic, high-risk environments. The course is appropriate for all entry-level incident personnel. **\*The L-180 video has been revised to reflect Standard Firefighting Orders.**

## **L-280 FOLLOWERSHIP TO LEADERSHIP** (2003)

CLASSROOM (16 hours + pre-course work)

NFES 2720	L-280 Instructor Guide	\$6.38
NFES 2722	L-280 CD-ROM Course Materials	\$2.04
NFES 2723	L-280 video, VHS (1:14:00)	\$5.14
NFES 2721	L-280 Student Workbook	\$.61

Necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55
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Refer to the Instructor Guide or [www.fireleadership.gov](http://www.fireleadership.gov) for information regarding obtaining the book needed for the pre-course (available through any bookstore). The textbook is used as the pre-course material. L-280 is an introductory leadership course. The course involves 2-4 hours of pre-course work and 16 contact hours. The contact hours include one day of classroom instruction followed by a day in the field with students working through a series of problem solving events in small teams. This second day session is called the Field Leadership Assessment Course (FLAC). The FLAC requires advance planning and utilizes basic fireline equipment that should be available from any district fire cache. Trainees should be outfitted in full fireline PPE during the FLAC. This course is designed as a self-assessment opportunity for individuals preparing to step into a leadership role. Subject areas include leadership values and principles, transition challenges for new leaders, situational leadership, team building, and ethical decision-making.

## Management Courses

Refer to the Field Manager's Course Guide, PMS 901-1, at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) for in-depth descriptions of courses, job aids and training standards.

### **M-410 FACILITATIVE INSTRUCTOR (2002)**

CLASSROOM (36 hours)

NFES 2428	M-410 Instructor Guide	\$23.80
NFES 2697	M-410 CD-ROM Course Materials	\$5.40
NFES 2429	M-410 Student Workbook	\$5.01
NFES 2430*	M-410 reference textbook, "Preparing Instructional Objectives"	\$13.07
NFES 2696*	M-410 reference text, "Gregorc Style Delineator"	\$2.18

Necessary for each student and instructor:

NFES 2068	1" binder, 3-ring (for student workbook)	\$2.81
NFES 2226	Course Coordinator's Guide, PMS 907	\$.86
NFES 3362	NWCG National Fire Equipment System Catalog Part 2: Publications	\$1.18

Topics include: communication skills, evaluation application, instructional media equipment, instructional objectives, presentation skills, principles and conditions of learning, instructional methods, group dynamics, lesson plan development, ethics and legalities, intercultural communications and course coordination and instructor support.

\*Order for each student and instructor.

**NEW**

### **M-480 MAC GROUP (2003)**

CLASSROOM (7 hours + pre-course work)

NFES 2740	M-480 Instructor Guide	\$13.65
NFES 2742	M-480 CD-ROM Course Materials	\$2.25
NFES 2741	M-480 Student Workbook	\$1.23

necessary for course presentation:

NFES 2092	National Interagency Mobilization Guide	\$3.58
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necessary for each student:

NFES 2068	1"binder, 3-ring	\$2.81
NFES 2472	I-402 Module 17 Student Reference Text	\$.39

optional for each student:

NFES 2470	I-401 Module 16 Student Reference Text	\$.31
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A training course in the Multi-Agency Coordination System that provides a common integrated system for the coordination of resources and support to emergency operations crossing agencies' borders. Designed to train and orient potential Multi-Agency Coordinating (MAC) Group members and MAC Group Coordinators. Provides students with a working knowledge of the Multi-Agency Coordination System, and the organization that helps support MAC Group activities.

# Prescribed Fire Courses

Refer to the Field Manager's Course Guide, PMS 901-1, at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) for in-depth descriptions of courses, job aids and training standards.

## **RX-300 PRESCRIBED FIRE BURN BOSS (2000)**

CLASSROOM (40 hours + pre-course work)

NFES 2421	RX-300 Instructor's Guide	\$32.92
NFES 2425	RX-300 CD-ROM Course Materials	\$3.46
NFES 2423	RX-300 Student Pre-study	\$.36
NFES 2424	RX-300 Student Text (text pages)	\$4.35
Optional for course presentation:		
NFES 2100	video, VHS, Prescribed Fire in Resource Management, PMS 480 (8:00)	\$2.28
Necessary for each student:		
NFES 2375*	2"binder, 3-ring (for student text pages)	\$3.75
NFES 1574	Aids to Determining Fuel Models, PMS 435-1	\$.61
NFES 1279	Smoke Management Guide for Prescribed and Wildland Fire, PMS 420-1	\$3.91
NFES 2474	Prescribed Fire Complexity Rating System Guide, PMS 424	\$.50
NFES 2485	Position Task Book Prescribed Fire Burn Boss, PMS 311-74	\$.74

The course addresses the standards, procedures, and techniques to carry out a prescribed fire. The course involves both field and classroom sessions. Course objectives: Given land management objectives, project site conditions, weather data, fuel loading, availability of resources, and political and/or land management constraints, develop a burn plan to safely meet resource/fire management objectives, identify tasks to be considered by burn boss during pre-burn, burn and post-burn operations, evaluation conditions to verify and/or adjust burn plan elements to meet planned objectives, enhance knowledge, skills and abilities necessary to use fire in wildland ecosystems in a safe, professional and responsible manner. \*Any 2", 3-ring binder may be used. The Student Text is printed loose-leaf, ready to be placed into a binder.

## **RX-340 INTRODUCTION TO FIRE EFFECTS (1995)**

CLASSROOM (36 hours + 24 hours pre-course work)

NFES 2502	RX-340 Instructor's Guide	\$27.58
NFES 2503	RX-340 Slide Set	\$50.79
NFES 2504	RX-340 Viewgraph Master Set	\$8.85
NFES 2505	RX-340 Student Pre-course	\$2.20
NFES 2506	RX-340 Student Text	\$16.30
NFES 2507	RX-340 Handout Set (order 1 per student)	\$7.46
Necessary for each student:		
NFES 2242	Look Up, Look Down, Look Around Student Workbook, PMS 427	\$.38
NFES 2394	Fire Effects Guide, PMS 481	\$5.49

This course is designed to train an individual to recognize basic fire regimes, the effects of fire treatments on first order fire effects, and to manipulate fire treatments to achieve desired first order fire effects. *This course will be re-numbered RX-310 when revised.*

**REVISED**                      **RX-410 SMOKE MANAGEMENT TECHNIQUES (2003)**

CLASSROOM (32 hours + pre-course work)

NFES 2475	RX-410 Instructor Guide	\$35.12
NFES 2477	RX-410 CD-ROM Course Materials	\$1.77
NFES 2476	RX-410 Student Workbook	\$16.65

Necessary for each student:

NFES 1279	Smoke Management Guide for Prescribed and Wildland Fire, PMS 420-1	\$3.91
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55

Necessary for instructor/course reference, the following Stereo Photo Series for Quantifying Natural Fuels:

NFES 2580	Volume I: Mixed-Conifer with Mortality, Western Juniper, Sagebrush and Grassland Types in the Interior Pacific Northwest, PMS 830	\$33.07
NFES 2581	Volume II: Black Spruce and White Spruce Types in Alaska, PMS 831	\$32.21
NFES 2629	Volume III: Lodgepole Pine, Quaking Aspen, Gambel Oak Types in the Rocky Mountains, PMS 832	\$36.82
NFES 1084	Volume IV: Pinyon-Juniper, Chaparral and Sagebrush Types in the Southwestern United States, PMS 833	\$27.53
NFES 2579	Volume V: Midwest Red and White Pine, Northern Tallgrass Prairie and Mixed Oak Types in the Central and Lake States, PMS 834	\$36.52
NFES 2630	Volume VI: Longleaf Pine, Pocosin, and Marshgrass Types in the Southeast United States, PMS 835	\$30.09

The course is designed to provide land managers with the knowledge to manage smoke and reduce its impacts on public health and welfare. The emphasis is on the “how to” techniques for minimizing smoke impacts and production, the regulatory process and public relations. The instructor guide and student workbook are in a binder. Instructors will need to review the instructor guide for additional items that may be used to present the course.

# Prevention Courses

Refer to the Field Manager's Course Guide, PMS 901-1, at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) for in-depth descriptions of courses, job aids and training standards.

## **P-101 INTRODUCTION TO WILDFIRE PREVENTION** (1997)

CLASSROOM (2 hours) or SELF-PACED

NFES 2113	P-101 Instructor's Guide	\$2.04
NFES 2115	P-101 video, VHS (47:30)	\$4.03
NFES 2114	P-101 Student Workbook	\$ .62

This is an overview course designed for volunteer firefighters, rangers, firefighting professionals, fire managers, and other persons having fire prevention responsibility. The course will provide the trainee with a general knowledge about wildfire prevention, the fundamentals of wildfire prevention, specific wildfire prevention actions, basic wildfire prevention planning and the role and responsibility of persons responsible for wildfire prevention.

## **P-110 INSPECTING FIRE PRONE PROPERTY** (1991)

CLASSROOM (2 hours)

NFES 2190	P-110 Instructor's Guide	\$5.14
NFES 2192*	P-110 Slide Set	\$.unavailable
NFES 2193	P-110 Audiotape	\$.unavailable
NFES 2191	P-110 Student Workbook	\$ .59

The course is designed for people with little or no experience in inspecting property, including houses and surrounding structures, in forested or rural areas. This course will provide the trainee with knowledge to conduct routine inspections of properties to identify risks and hazards that render structures more prone to loss in the event of a wildfire. It will enable the trainee to make recommendations for corrective action and will provide knowledge to prepare inspection reports for the trainee's agency and property owners. \*Note: the slide set and audiotape are currently unavailable. The slide set might be put in electronic format. Call for availability before ordering.

## **P-130 WILDLAND FIRE CAUSE DETERMINATION FOR FIRST RESPONDERS** (2000)

CLASSROOM (2-4 hours)

NFES 2592	P-130 Instructor's Guide	\$10.30
NFES 2595	P-130 CD-ROM Course Visuals	\$3.64
NFES 2594	P-130 Slide Set	\$9.28
NFES 2593	P-130 Student Workbook	\$ .67

This is an interactive introductory course for personnel first arriving at a wildland fire scene on the basics of wildland fire cause determination. It instructs the first responders on how to obtain and use information to determine the probable cause of a wildland fire including: obtaining pertinent information while traveling to a fire, locating and securing the probable ignition location, identifying witnesses, documenting any finding and presenting information to a wildland fire investigator. CD-ROM has slides for Powerpoint presentation. Slide sets are available for presentations without Powerpoint capability.

## **P-301 WILDLAND FIRE PREVENTION PLANNING** (1997)

CLASSROOM (24 hours)

NFES 2539	P-301 Instructor's Guide	\$13.61
NFES 2541	P-301 Slide Set	\$14.41
NFES 2540	P-301 Student Workbook	\$ 2.27

P-301 is an intermediate wildland fire prevention course for individuals having fire prevention planning responsibilities, including fire managers, fire prevention specialists and fire planners. The course presents the assessment of risk (ignition), hazard (fuel), value (loss), and historical fire occurrence, which is then used to develop a unit's most effective fire prevention plan and budget.

# Suppression Skills Courses

Refer to the Field Manager's Course Guide, PMS 901-1, at [www.nwccg.gov/pms/pms.htm](http://www.nwccg.gov/pms/pms.htm) for in-depth descriptions of courses, job aids and training standards.

## **REVISED S-110 BASIC WILDLAND FIRE SUPPRESSION ORIENTATION (2003)**

SELF-PACED

NFES 2274	S-110 video, VHS (15:15)	\$2.44
NFES 2709	S-110 DVD	\$4.55

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
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S-110 is a self-paced presentation which provides information for non-operations individuals on proper clothing and equipment, wildland fire incident procedures, and living conditions in wildland fire camps. Although the presentation does not require an instructor, a person who has incident experience should be available to answer questions. The program on the DVD and video are the same.

## **REVISED S-130 FIREFIGHTER TRAINING (2003)**

CLASSROOM (30–35.5 hours)

NFES 1510	S-130 Instructor Guide	\$20.19
NFES 2731	S-130 CD-ROM Course Materials	\$1.26
NFES 2732**	S-130 video, VHS, Risk Management (24:25)	\$2.59
NFES 2733**	S-130 DVD, Risk Management	\$1.73
NFES 2730	S-130 Student Workbook	\$1.35
NFES 2388*	S-130 decal, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$1.19/pg
NFES 2389*	S-130 card, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$2.61/pg
NFES 2639*	S-130 card, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$2.62/pg
NFES 2734*	S-130 decal, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$1.31/pg

necessary for course presentation:

NFES 2727	S-134 video, VHS, LCES (22:00)	\$3.08
NFES 2397	S-134 decal, LCES (100/pg)	\$2.51/pg
NFES 2652	L-180 video, VHS, Human Factors on the Fireline (1:00:45)	\$3.71
NFES 2708	video, VHS, Minimum Impact Suppression Tactics, PMS 467(22:00)	\$3.08

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55
NFES 2225	Common Denominators of Fire Behavior, PMS 407	\$ .29

*Unit 4C addresses fire shelter use and deployment. Depending upon the type of shelter used at the home unit, the appropriate materials are necessary for presentation of the information:*

NFES 1570*	Your Fire Shelter 2001edition , PMS 409	\$ .58
NFES 2653*	Su Refugio De Proteccion Edicion 2001, PMS 409	\$ .47
NFES 1568	video, VHS, Using Your Fire Shelter, PMS 409 (27:20)	\$2.17
NFES 2407	practice fire shelter (complete w/case)	\$41.28

**OR**

NFES 2710	The New Generation Fire Shelter, PMS 411	\$ .50
NFES 2711**	video, VHS, The New Generation Fire Shelter, PMS 411(26:00)	\$2.64
NFES 2712**	DVD, The New Generation Fire Shelter, PMS 411	\$2.19
NFES 2678	training fire shelter, M-2002 (complete w/case)	\$65.26

optional for course presentation:

NFES 2145	video, VHS, Hazardous Materials, PMS 418 (32:00)	\$2.77
NFES 2146	video, VHS, First on the Scene, PMS 418 (32:17)	\$3.22
NFES 2147	DOT Chart 12 Hazardous Materials Marking, Labeling, Placarding	\$ .16
NFES 2150	DOT Emergency Response Guidebook	\$19.00

Instructors will need to check the lesson outlines for additional materials needed for course presentation. The purpose of this course is to train type 2 wildland firefighters in basic firefighting skills. \*The Your Fire Shelter 2001Edition pamphlet, and the Standard Firefighting Orders and Watch Out Situations cards and decals are available in Spanish and English. Order the appropriate version for students. \*\*The video and DVD contain the same program.

## **S-131 ADVANCED FIREFIGHTER TRAINING (1997)**

### **CLASSROOM (8 hours)**

NFES 1388	S-131 Instructor's Guide	\$13.25
NFES 1389	S-131 Trainee Workbook	\$ .59

necessary for students:

NFES 2319	Position Task Book Advanced Firefighter/Squad Boss, PMS 311-14	\$ .71
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2165	Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$ .72
NFES 2388*	S-130 decal, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$1.19/pg
NFES 2389*	S-130 card, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$2.61/pg
NFES 2639*	S-130 card, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$2.62/pg
NFES 2734*	S-130 decal, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$1.31/pg
NFES 2148	PMS 418 Clues and Decide card (100/pg)	\$2.16/pg
NFES 2397	S-134 decal, LCES (100/pg)	\$2.51/pg
NFES 1414	NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1	\$ .98
NFES 2048	10 Principles of Retardant Application, PMS 440-2	\$ .13
NFES 0448	writing pad, DI-5A or equal	\$ .47

Instructors should be familiar with the following:

NFES 2226	Course Coordinator's Guide, PMS 907	\$ .86
NFES 1256	Wildland Fire Suppression Tactics Reference Guide, PMS 465	\$2.71
NFES 1515	Planning for Initial Attack, PMS 413-1	\$ .30

Advanced Firefighter Training was added to the wildfire suppression curriculum after a review of the NWCG training curriculum by the South Canyon Interagency Management Review Team. That review resulted in a recommendation that additional instruction be provided for Advanced Firefighter/Squad Boss (FFT1) that include tactics and safety. The course is designed to be interactive. It contains several exercises designed to facilitate group discussion. Course instruction builds upon previous training and experience. *NOTE: The Instructor's Guide refers to "BLM Firefighter's Common Task Manual", "Firefighter's Guide" and the "Look Up Look Down Look Around Fireline Safety Reference" which are no longer available. \*The cards and decals for the Standard Firefighting Orders/Watch Out Situations are available in English and Spanish. Order the appropriate version.*

## **NEW S-134 LOOKOUTS, COMMUNICATIONS, ESCAPE ROUTES AND SAFETY ZONES (LCES)**

### **CLASSROOM (16 hours)**

(2003)

NFES 2726	S-134 Instructor Guide	\$10.28
NFES 2727	S-134 video, VHS (22:00)	\$3.08
NFES 2728	S-134 CD-ROM Course Materials	\$1.46
NFES 2397	S-134 decal, LCES (100/pg)	\$2.51/pg

necessary for course presentation:

NFES 1325	ICS 201 Incident Briefing form (100/pg)	\$6.01/pg
NFES 1328	ICS 204 Assignment List form (100/pg)	\$2.08/pg

optional for course presentation:

NFES 2172	S-215 CD-ROM Course Materials	\$2.04
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This course is designed to meet the training needs of those individuals wishing to practice and gain competency to ingrain the use of Lookouts, Communications, Escape Routes and Safety Zones. Refer to instructor guide for items that are obtained from other sources.

## **S-190 INTRODUCTION TO WILDLAND FIRE BEHAVIOR (1994)**

### **CLASSROOM (6 hours)**

NFES 1859	S-190 Instructor's Guide	\$12.94
NFES 1861	S-190 video, VHS, Introduction to Fire Behavior (13:45)	\$1.96
NFES 1860	S-190 Student Workbook	\$ .62

necessary for course presentation:

NFES 2236	video, VHS, Fire Weather, PMS 423 (39:12)	\$2.70
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Designed to train firefighters in the basic fire behavior factors that will aid them in the safe and effective control of wildland fires. Designed to be presented primarily through instructor lecture with participant and group discussion.

## **S-200 INITIAL ATTACK INCIDENT COMMANDER TYPE 4 (ICT4) (1996)**

### **CLASSROOM (16 hours)**

NFES 1381	S-200 Instructor's Guide	\$12.86
NFES 2059	S-200 video, VHS, Aspen Valley Fire (28:00)	\$2.23
NFES 2060	S-200 video, VHS, Boundary Fire (29:10)	\$2.49
NFES 2061	S-200 video, VHS, Hemlock Pond Fire (29:15)	\$2.86
NFES 1382	S-200 Student Workbook	\$ .57

necessary for each student:

NFES 1256	Wildland Fire Suppression Tactics Reference Guide, PMS 465	\$2.71
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 3139	Interagency Incident Business Management Handbook, PMS 902-1	\$3.00est
NFES 2302	Position Task Book Incident Commander Type 4, PMS 311-03	\$ .74
NFES 1874	Wildfire Cause and Determination Handbook, PMS 412-1	\$ .46

S-200 is designed to provide the individual in charge of the initial attack of small, non-complex fires the training needed for readiness and mobilization, size-up of the fire; and the administrative requirements that must be completed by the incident commander. Objectives include: gather essential data about the fire and lead the initial attack resources to the fire, size-up the fire, plan the strategy and tactics with available resources, communicate information to the designated officer, brief and deploy initial attack resources and make adjustment to the plan when necessary, and maintain adequate records and participate in post-fire activities with the designated officer.

## **S-203 INTRODUCTION TO INCIDENT INFORMATION (1998)**

### **CLASSROOM (29 hours)**

NFES 1198	S-203 Instructor's Guide	\$19.09
NFES 1199	S-203 Trainee Workbook	\$1.47

necessary for each student:

NFES 2306	Position Task Book Information Officer Type 3, PMS 311-07	\$ .81
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est

necessary for course presentation:

NFES 2266	video, VHS, Dealing Successfully with the News Media, PMS 915-6	\$2.74
NFES 1356	Agency Administrator's Guide to Critical Incident Management, PMS 926	\$1.56
NFES 1333*	CD-ROM, ICS-209, Incident Status Summary	\$5.00est
NFES 1336	form, ICS-213, General Message (100/pg)	\$4.26/pg
NFES 1337	form, ICS-214, Unit Log (100/pg)	\$2.43/pg

This course is designed to provide students with the knowledge and skills they need to serve as Information Officers Type 3 trainees on wildfires and other incidents. The course contents touch upon virtually all aspects of establishing and maintaining an incident information operation: getting organized, communicating with internal and external audiences, handling special situations. *(Note: The Instructor Guide refers to the ICS-209 WS Incident Status Summary (wall size), which is no longer available.. The ICS-209 report/form is now web-based. The 209 Program is at <http://famweb.nwcg.gov> The ICS 209 form (RTF format) and the User's Guide can be accessed from this site. The CD will contain the PDF version and RTF version only for those who cannot access the web. Wall size and "hard copy" paper version will no longer be stocked.)*

## **S-211 PORTABLE PUMPS AND WATER USE (1992)**

### **SELF-PACED + FIELD EXERCISE**

NFES 1997	S-211 Administrator's Guide	\$19.65
NFES 2275	S-211 video, VHS, Portable Pumps & Accessory Equipment (41:00)	\$2.57
NFES 1998	S-211 Student Workbook	\$1.57

This course is designed to give trainees practical knowledge and application skills of portable pump operations. The lesson covering water hydraulics is an optional lesson. The video supplements the self-paced student workbook. Upon successful completion of the workbook, an 8-hour field exercise requires the trainee to set up and operate portable pumps typically used in the local area. *Note: The S-211 revision may be available July 2004. Call before ordering for availability status.*

**REVISED S-212 WILDLAND FIRE CHAIN SAWS** (2004) *\*\*Not available until 4/22/04.*

CLASSROOM (24-36 hours + pre-course work)

NFES 1999	S-212 Instructor Guide	\$25.00est
NFES 2196	S-212 CD-ROM Course Materials	\$5.00est
NFES 2645*	S-212 DVD	\$5.00est
NFES 2198*	S-212 video, VHS (57:00)	\$5.00est
NFES 2000	S-212 Student Workbook	\$2.00est
NFES 2644	S-212 Pre-course Work	\$1.00est

This course has been designed to train students in the use of chain saws. The CD-ROM contains all course materials, except the video/DVD, including some instructor guide appendices not in the printed version. Refer to the instructor guide for items needed to present the course available from other sources. \*The DVD and the video are the same program. *\*\*Orders placed before 4/22/04 will be filled with the S-212 1991 edition.*

**REVISED S-215 FIRE OPERATIONS IN THE WILDLAND/URBAN INTERFACE** (2003)

CLASSROOM (28--32 hours)

NFES 2170	S-215 Instructor Guide	\$22.92
NFES 2172	S-215 CD-ROM Course Materials	\$2.04
NFES 2171	S-215 Student Workbook	\$1.51
necessary for each student:		
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55
optional for course presentation:		
NFES 2219	video, VHS, The Properties of Foam, PMS 445-2 (15:00)	\$2.79
NFES 2404	video, VHS, Tactical Applications with Class A Foam, PMS 445-6 (8:00)	\$2.49
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2724	Interagency Standards for Fire and Fire Aviation Operations	\$2.70

The course is required training for initial attack incident commander and strike team leader. This course is designed to assist structure and wildland firefighters to make tactical decisions when confronting wildland fire that threatens life, property, and improvements in the wildland/urban interface. Instructional units include: interface awareness, size-up, initial strategy and incident action plan, structure triage, structure protection tactics, incident action plan assessment and update, follow-up and public relations, and firefighter safety in the interface. *NOTE: Refer to the Instructor Guide for additional items needed to present the course that need to be obtained from other sources.*

**S-216 DRIVING FOR THE FIRE SERVICE** (2002)

CLASSROOM + FIELD EXERCISES (28-32 hours)

NFES 1512	S-216 Instructor Guide	\$14.45
NFES 1565	S-216 CD-ROM Course Materials	\$2.66
NFES 2677	S-216 Performance Evaluation Booklet	\$.22
NFES 1513	S-216 Student Workbook	\$1.50

This course is suggested training for all fire vehicle drivers engaged in the support of fire management activities. The course contains the knowledge and skills required of drivers to safely and efficiently operate fire vehicles in the fire environment, apply basic maintenance procedures to ensure vehicle readiness, and act in a professional manner when operating a fire vehicle. The course is modularized so users can adapt the course to local needs and so local units can use these exercises on a periodic, follow-up basis to maintain proficiency. A significant portion of the course time is devoted to actual driving exercises. Actual presentation time is dependent on several variables: number of students, proximity of classroom to field exercises, ratio of students to vehicles, and ratio of instructors/evaluators to students.

## **S-217 INTERAGENCY HELICOPTER TRAINING GUIDE (1993)**

### **CLASSROOM (30--40 hours)**

NFES 1261	S-217 Instructor's Guide	\$13.61
NFES 1539	S-217 Slide Set	\$83.23
NFES 2391	S-217 video, VHS, One Yankee Golf (21:00)	\$3.23
NFES 2392	S-217 video, VHS, Helicopter Capabilities and Limitations (12:00)	\$2.52
NFES 2390	S-217 Student Workbook	\$1.03

Instructors and students will need:

NFES 2097	Basic Aviation Safety Guide	\$ .37
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This course provides basic knowledge and skills required by individuals who will be working with helicopters. The skills taught relate to fire and non-fire project assignments. The Instructor's Guide does NOT contain a copy of the Student Workbook. *The revision of this course will be re-titled S-271 Interagency Helicopter Crewmember Training. Estimated revision availability 2004.*

## **S-230 CREW BOSS (SINGLE RESOURCE) (1996)**

### **CLASSROOM (24 hours)**

NFES 2156	S-230 Instructor's Guide	\$21.68
NFES 2159	S-230 Slide Set	\$11.00
NFES 2488	S-230 video, VHS, Crew Boss (32:00)	\$3.56
NFES 2489	S-230 video, VHS, Downhill Indirect Line Construction (7:45)	\$2.30
NFES 2158	S-230 Student Prestudy	\$ .19

necessary for each student:

NFES 2318	Position Task Book Single Resource Boss, PMS 311-13	\$1.29
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 1256	Wildland Fire Suppression Tactics Reference Guide, PMS 465	\$2.71

necessary for course presentation:

NFES 2036	video, VHS, Wildfire Handtools, PMS 402 (17:00)	\$2.11
NFES 2123	S-336 video, VHS, Light Hand on the Land (13:30)	\$2.85

Subjects covered include: Preparation, Mobilization, Tactics and Safety, Off Line Duties, Demobilization and Post Incident Responsibilities. There is no student workbook.

## **S-231 ENGINE BOSS (SINGLE RESOURCE) (1996)\*\***

### **CLASSROOM (8 hours)**

NFES 1400	S-231 Instructor's Guide	\$15.07
NFES 1402	S-231 Slide Set	\$5.10
NFES 1401	S-231 Student Guide	\$ .40

necessary for each student:

NFES 2318	Position Task Book Single Resource Boss , PMS 311-13	\$1.29
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2165	Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$ .72
NFES 1256	Wildland Fire Suppression Tactics Reference Guide, PMS 465	\$2.71

The course contains several exercises designed to facilitate group discussion. Examples and exercises are specific to wildland fire suppression. Note: the instructor's guide refers to the "Look Up, Look Down, Look Around Fireline Safety Reference" which is no longer available. \*\*S-231 2004 edition may be available after 5/1/2004. Call for availability after 5/1/2004.

## **S-232 DOZER BOSS (SINGLE RESOURCE) (1996)**

### **CLASSROOM (16 hours)**

NFES 1408	S-232 Instructor's Guide	\$10.11
NFES 1410	S-232 Slide Set	\$3.67
NFES 1411	S-232 video, VHS (50:00)	\$4.86
NFES 1409	S-232 Trainee Pre-course	\$ .49

necessary for each student:

NFES 1256	Wildland Fire Suppression Tactics Reference Guide, PMS 465	\$2.71
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2318	Position Task Book Single Resource Boss, PMS 311-13	\$1.29
NFES 3139	Interagency Incident Business Management Handbook, PMS 902-1	\$3.00est

Objectives included: dozer has been properly inspected and signed up, ensure a dozer operator is qualified and signed up, determine the capabilities and limitations of the dozer and operator to perform an assignment; and the actions to complete an assignment. There is no student workbook.

### **S-233 TRACTOR/PLOW BOSS (SINGLE RESOURCE) (1995)**

CLASSROOM (12 hours)

NFES 2510	S-233 Instructor's Guide	\$11.38
NFES 2511	S-233 Slide Set	\$26.11
necessary for each student:		
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2165	Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$ .72
NFES 1574	Aids to Determining Fuel Models for Estimating Fire Behavior, PMS 435-1	\$ .61
NFES 2318	Position Task Book Single Resource Boss, PMS 311-13	\$1.29

This course emphasizes tractor/plow safety and tactics using eight simulated wildland fire exercises.

### **S-234 IGNITION OPERATIONS (1999)**

CLASSROOM (32 hours + pre-course work)

NFES 2028	S-234 Instructor's Guide	\$29.80
NFES 2578	S-234 CD-ROM Course Materials	\$2.87
NFES 2029	S-234 Student Workbook	\$2.81
necessary for each student:		
NFES 2375	2" binder, 3-ring (for student workbook text)	\$3.75
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 1256	Wildland Fire Suppression Tactic Reference Guide, PMS 465	\$2.71
NFES 2486*	Position Task Book Ignition Specialist, PMS 311-75	\$ .47
NFES 2318*	Position Task Book Single Resource Boss, PMS 311-13	\$1.29

Course objectives: Describe the roles and responsibilities of Single Resource Boss–Firing and Prescribed Fire Ignition Specialist; identify resources needed to successfully conduct an ignition operation for a wildland fire or prescribed fire; develop an ignition plan demonstrating the knowledge of fire behavior, fire techniques, holding, and hazards; and given a scenario, implement an ignition operation with emphasis on safety, coordination, communications, and evaluation. The student pre-course will take approximately 2–4 hours to complete. The Student Workbook is looseleaf, ready to be placed into a 3-ring binder. \*The student should bring the pertinent task book, initiated at the home unit.

### **S-244 FIELD OBSERVER (1997)**

CLASSROOM (20 hours + pre-course work)

NFES 2550	S-244 Instructor's Guide	\$18.87
NFES 2553	S-244 Slide Set	\$11.60
NFES 2551	S-244 Student Workbook	\$1.02
NFES 2552	S-244 Field Observer Reference	\$ .45
NFES 2554	S-244/S-245 pre-course work, "Map & Compass for Firefighters"	\$1.14

The student workbooks are designed to be put into a 3-ring binder. A 1" binder (NFES 2068) will be sufficient for the student workbook, or if trainees want to add additional items to build a job aid, then a binder sufficient to meet the need would need to be obtained.

necessary for each student:

NFES 2340*	Position Task Book Field Observer, PMS 311-30	\$ .75
NFES 2481*	Position Task Book Fire Effects Monitor, PMS 311-71	\$ .55
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2165	Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$ .72

\*The Instructor's Guide refers to the Position Task Book for Prescribed Fire Behavior Monitor. This position was eliminated after this course was produced. FEMO is now the position to benefit from this course. Student should bring the pertinent position task book initiated at the home unit.

## **S-245 DISPLAY PROCESSOR (1997)**

CLASSROOM (8 hours + pre-course work)

NFES 1266	S-245 Instructor's Guide	\$14.55
NFES 1267	S-245 Student Workbook	\$1.14
NFES 2554	S-244/S-245 precourse work, "Map & Compass for Firefighters"	\$1.14

The student workbooks are designed to be put into a 3-ring binder. A 1" binder (NFES 2068) will be sufficient for the student workbook, or if the trainee wants to add additional items to build a job aid, then a binder sufficient to meet the need would need to be obtained.

Students should bring:

NFES 2341	Position Task Book Display Processor, PMS 311-31	\$ .44
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The course covers the information that needs to be displayed, maps that need to be produced and the techniques and symbols used in producing maps.

## **S-248 STATUS/CHECK-IN RECORDER (1998)**

(SELF-PACED + FINAL EXAM)

NFES 1975	S-248 Course Administrator's Guide	\$8.82
NFES 1976	S-248 Student Workbook	\$1.14
NFES 1961	S-248 Job Aid	\$.86

necessary for each student:

NFES 2342*	Position Task Book Status/Check-in Recorder, PMS 311-32	\$.59
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2092**	National Interagency Mobilization Guide	\$3.58
NFES 1335	ICS 211, Check-in List	\$2.14/pg
NFES 1342	ICS 219-1, Resource Status Card, Header	\$2.06/pg
NFES 1344	ICS 219-2, Resource Status Card, Crew	\$3.23/pg
NFES 1345	ICS 219-3, Resource Status Card, Engine	\$2.97/pg
NFES 1346	ICS 219-4, Resource Status Card, Helicopter	\$3.16/pg
NFES 1347	ICS 219-5, Resource Status Card, Personnel	\$2.91/pg
NFES 1348	ICS 219-6, Resource Status Card, Aircraft	\$3.09/pg
NFES 1349	ICS 219-7, Resource Status Card, Dozer	\$3.07/pg
NFES 1350	ICS 219-8, Resource Status Card, Misc Equip/Task Force	\$3.24/pg

optional for each student:

NFES 1414**	NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1	\$.98
NFES 1352	Resource Status Card Sorter	\$14.44

The Job Aid provides instructions, illustrations and examples of resource check-in and status tracking. The Student Workbook provides exercises, with solutions, which simulate incident check-in and status tracking. \*The Status/Check-in Recorder Position Task Book is not a requirement of the course, but is referred to in the Course Administrator's Guide as a way for a trainee to understand the performance required of the position. \*\*The National Interagency Mobilization Guide, Chapter 60, provides a position mnemonics list ([www.nifc.gov/news/nicc.html](http://www.nifc.gov/news/nicc.html)) The NIIMS Wildland and Prescribed Fire Qualification System Guide provides an abbreviated mnemonics list ([www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm)). The mnemonics list is what is needed for this course. Unit Identifiers are available at [www.nifc.gov/news/nicc/html](http://www.nifc.gov/news/nicc/html).

## **S-258 INCIDENT COMMUNICATIONS TECHNICIAN (2002)**

### **CLASSROOM (32 hours)**

NFES 2647	S-258 Instructor's Guide	\$19.23
NFES 2649	S-258 CD-ROM Course Materials	\$2.65
NFES 2648	S-258 Student Workbook (text pages)	\$1.07
necessary for course presentation:		
NFES 1399	Five Steps to a Safe Flight (100/pg)	\$5.79/pg
NFES 1336	form, ICS 213, General Message (100/pg)	\$4.26/pg
NFES 2090	video, VHS, Helosafe (13:00)	\$2.53
necessary for each student and instructor:		
NFES 2375	2" binder, 3-ring (for student workbook text)	\$3.75
NFES 0968	National Incident Radio Support Cache User's Guide	\$3.67
NFES 2097	Basic Aviation Safety Guide	\$ .37

students should have the following initiated and bring to class:

NFES 2628	Position Task Book Incident Communications Technician, PMS 311-96	\$ .58
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The course consists of classroom instruction, field exercises, and both a written and practical final examination. Topics include radio theory, incident communications coverage, starter system installation, radio programming, design and installation of liked equipment, troubleshooting, and field safety hazards. The course includes an equipment hands-on exercise workbook to be used during field exercises.

## **S-260 INTERAGENCY INCIDENT BUSINESS MANAGEMENT (1998)**

### **CLASSROOM (16 hours)**

NFES 2031	S-260 Instructor's Guide	\$41.08
NFES 1582	S-260 CD-ROM Course Visuals	\$2.45
NFES 2032	S-260 Trainee Workbook	\$1.23
NFES 1581	S-260 Trainee Prestudy	\$ .10

necessary for each student:

NFES 3139	Interagency Incident Business Management Handbook, PMS 902-1	\$3.00est
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The S-260 course is targeted for entry-level logistics and finance/administration positions, helicopter managers, and single resource positions in the incident command system. Course covers the following incident business management practices concerning: rules of conduct for incident assignments, recruitment of casuals, pay provisions, timekeeping, commissary, travel compensation for injury, acquisition of equipment, supplies, and services, property management, types and the necessity of cooperative agreements, reporting, investigating, documenting accidents and claims. The pre-course assignment is designed to explain the purpose and organization of the Interagency Incident Business Management Handbook. *Note: The Interagency Incident Business Management Handbook will be revised in 2004. The course S-260 will be revised after the publication of the Interagency Incident Business Management Handbook. Estimated availability for the revised S-260 is late 2004.*

## **S-261 APPLIED INTERAGENCY INCIDENT BUSINESS MANAGEMENT (1999)**

### **CLASSROOM (16 hours) or SELF-PACED**

NFES 2582	S-261 Instructor's Guide	\$30.93
NFES 2584	S-261 CD-ROM Course Materials	\$2.38
NFES 2583	S-261 Student Workbook	\$2.27

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$20.00est

instructors should be familiar with the following:

NFES 2226	Course Coordinator's Guide, PMS 907	\$ .86
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Applied Interagency Incident Business Management is designed to provide the prerequisite skills/knowledge necessary to perform the tasks of the entry-level finance positions, i.e., commissary manager (CMSY), personnel time recorder (PTRC), equipment time recorder (EQTR), compensation for injury specialist (INJR), and claims specialist (CLMS).

## **S-270 BASIC AIR OPERATIONS (2003)**

### CLASSROOM (16 hours)

NFES 2033	S-270 Instructor's Guide	\$14.13
NFES 2151	S-270 CD-ROM Course Materials	\$1.74
NFES 2034	S-270 Student Workbook	\$.89

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55
NFES 2097	Basic Aviation Safety Guide	\$.37

optional for course presentation:

NFES 1068	Interagency Aviation Transport of Hazardous Materials	\$.62
NFES 1399	Five Steps to a Safe Flight (100cards/pg)	\$5.79/pg
NFES 1129	Twelve Standard Aviation Questions That Shout "Watch Out!" (100 cards/pg)	\$5.81/pg
NFES 2048	10 Principles of Retardant Application , PMS 440-2	\$.13
NFES 2392	S-217 video, VHS, Helicopter Capabilities and Limitations (12:00)	\$2.52
NFES 2090	video, VHS, Helosafe (13:00)	\$2.53
NFES 2573	video, VHS, Chief of Party/Flight Manager (15:00)	\$2.03

The course covers aircraft types and capabilities, aviation management and safety, tactical and logistical uses of aircraft, and requirements for helicopter take-off and landing areas.

## **NEW S-273 SINGLE ENGINE AIR TANKER MANAGER (SEMG) (2003)**

### CLASSROOM (32 hours + pre-course work)

NFES 2713	S-273 Instructor Guide	\$29.79
NFES 2716	S-273 CD-ROM Course Materials	\$2.38
NFES 2715	S-273 video, VHS, The SEAT Inspection Process (8:36)	\$2.31
NFES 2714	S-273 Student Workbook	\$2.49
NFES 2717	S-273 CD-ROM SEMG Forms and Job Aid (order for each student)	\$1.52

necessary for each student:

NFES 1844*	Interagency Single Engine Airtanker Operations Guide (ISOG)	\$.68
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\*Each student will need to use the information in the ISOG, however, the ISOG may be ordered or downloaded from the web site given in the pre-course material.

Instructors will need to refer to the Instructor Guide for materials needed that may be obtained from the web or other sources, along with making arrangements for a SEAT aircraft and mixing plant for the on-site field exercise. This course is designed to meet training requirements for the SEMG position. Course content and examples are specific to wildland fire suppression activities. If students are expected to perform on other types of incidents, examples appropriate to the expected incident environment should be added. The course emphasis is on risk management, information gathering, management and oversight. From this standpoint, the course is applicable to any aviation management situation. Units include: SEAT aircraft makes and models, pilot carding and pre-use aircraft inspection, pre-use support/service equipment inspection , SEMG administration, logistical support/communications, SEAT operations preparation, demobilization and transition, field trip.

## **S-290 INTERMEDIATE WILDLAND FIRE BEHAVIOR (1994)**

### CLASSROOM (32 hours)

NFES 2377	S-290 Instructor's Guide	\$43.10
NFES 2379*	S-290 CD-ROM Course Visuals	\$5.00est
NFES 2378	S-290 Student Workbook	\$2.76
NFES 2380	S-290 Pre-Course Participant Packet	\$.31
NFES 2381	S-290 Final Examination	\$.25

necessary for course presentation:

NFES 2244	video, VHS, Look Up, Look Down, Look Around, PMS 427 (50:00)	\$2.93
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optional for course presentation:

NFES 2165	Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$.72
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This course is designed to instruct prospective fireline supervisors in wildland fire behavior for effective and safe fire management operations. The course consists of a pre-course package (with a pre-course test), twelve formal classroom units and a final exam. \*Note: the slide set has been changed to electronic format. Note: the instructor's guide refers to the "Look Up, Look Down, Look Around Fireline Safety Reference" which is no longer available.

## **S-290 INTERMEDIATE WILDLAND FIRE BEHAVIOR, CD-ROM** (1997)

### INDEPENDENT INSTRUCTION

NFES 1592 S-290 CD-ROM \$75.00  
CD-ROM instructional format of S-290 course. Provides the alternative of independent instruction. A course administrator is required to work with the student during the completion of this course.

## **S-300 INCIDENT COMMANDER EXTENDED ATTACK** (1997)

### CLASSROOM (16 hours)

NFES 1540\* S-300 Instructor's Guide \$10.99  
NFES 1564 S-300 video, VHS, Dutch Flat Fire (20:44) \$1.82  
NFES 1541 S-300 Trainee Workbook \$ .64

necessary for each student:

NFES 2301 Position Task Book Incident Commander Type 3, PMS 311-02 \$ .71  
NFES 0065 Fireline Handbook, PMS 410-1 \$3.00est

Course objectives: 1) gather information and data about the incident; 2) establish priorities and suppression action; 3) develop an organization appropriate to accomplish the incident objectives; 4) arrange for and/or incorporate incoming resources as ordered for an extended attack organization; 5) brief and provide accurate records to relief.

\*Instructor's Guide does not contain a copy of the Trainee Workbook.

## **S-301 LEADERSHIP AND ORGANIZATIONAL DEVELOPMENT** (1996)

### CLASSROOM (24 hours + 4 hours pre-course work)

NFES 2492 S-301 Instructor's Guide \$20.67  
NFES 2493 S-301 Student Workbook \$1.91  
NFES 2494 S-301 Student Pre-course Work \$ .75  
NFES 2495 S-301 Student Handouts \$ .26

necessary for each student:

NFES 1414 NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1 \$ .98

optional for the course coordinator:

NFES 2226 Course Coordinator's Guide, PMS 907 \$ .86

This course is designed to provide the trainee with the communication and supervision skills necessary to perform as a unit leader on a wildland fire incident. The nine instructional units are: 1. Communications, 2. Leadership, 3. Delegation, 4. Conflict Resolution, 5. Civil Rights, 6. Objectives, Performance Evaluation, Monitoring, 7. Internal/External Controls and Integrity, 8. Time Management, 9. Technology Management. Note: the Instructor's Guide refers to NFES 2403 Wildland Fire Suppression Curriculum: Some Questions and Answers which is no longer available. This course is also known as S-381. *This course will be eliminated at the end of 2004.*

## **S-330 TASK FORCE/STRIKE TEAM LEADER** (1996)

### CLASSROOM (24 hours)

NFES 1403 S-330 Instructor's Guide \$27.34  
NFES 1405 S-330 Slide Set \$7.53  
NFES 1406 S-330 video, VHS, Plumes and Vortices (9:13) \$1.80  
NFES 1407 S-330 video, VHS, Extreme Fire Behavior and Tactics (40:25) \$3.16  
NFES 1506 S-330 video, VHS, Task Force/Strike Team Leader (1985)(16:24) \$2.63  
NFES 1404 S-330 Trainee Workbook \$1.09

necessary for course presentation:

NFES 2122 S-336 video, VHS, It's Your Challenge (10:00) \$1.95

necessary for each student:

NFES 2048 10 Principles of Retardant Application , PMS 440-2 \$ .13  
NFES 2175 Military Use Handbook \$3.00est  
NFES 1256 Wildland Fire Suppression Tactics Reference Guide, PMS 465 \$2.71  
NFES 2068 1" binder, 3-ring (for student workbook /additional materials) \$2.81

S-330 is designed to meet the training requirements for the positions of Task Force Leader and Strike Team Leader. The prestudy, course instructions and exercises are specific to wildland fire suppression. The course is designed to be interactive with several scenarios and exercises. Students will need to bring their Fireline Handbook to use during the course. The appropriate Position Task Book will need to be provided to each trainee by their respective administrative office. Note: *The instructor guide refers to the video and pamphlet "Fire Behavior in the Wildland/Urban Interface" and "Look Up, Look Down, Look Around Fireline Safety Reference" all of which have been discontinued.*

### **S-336 FIRE SUPPRESSION TACTICS (1990)\*\***

#### **CLASSROOM (32 hours)**

NFES 2118	S-336 Instructor's Guide	\$38.90
NFES 2121*	S-336 CD-ROM Course Visuals	\$1.31
NFES 2122	S-336 video, VHS, It's Your Challenge (10:00)	\$1.95
NFES 2123	S-336 video, VHS, Light Hand on the Land (13:30)	\$2.85
NFES 2124	S-336 video, VHS, Pulaskis and Prescriptions (12:20)	\$2.10
NFES 2119	S-336 Student Workbook	\$1.49
NFES 2120	S-336 Reference Text	\$1.81

necessary for course presentation:

NFES 2073	video, VHS, Introduction to Class A Foam, PMS 445-1(13:00)	\$1.97
NFES 2071	video, VHS, Fatigue and the Firefighter's Environment, PMS 306 (22:00)	\$1.86

Units within this course are: Introductory, Fireline Construction, Handcrews, Mechanical Equipment, Water and Chemicals, Fire in Control Operations, Tactical Air Operations, Wildland/Urban Interface, and Combinations of Resources. \*The slide set has been put on a CD in for electronic presentation. *Note: The Instructor Guide refers to "Fire in the Interface" video, which has been discontinued.* \*\***The S336 2004 revision should be available after 5/1/2004.** Call for availability after 5/1/2004.

### **S-339 DIVISION/GROUP SUPERVISOR (1997)**

#### **CLASSROOM (20 hours)**

NFES 2513	S-339 Instructor's Guide	\$11.05
NFES 2517	S-339 Slide Set	\$5.14
NFES 2516	S-339 video, VHS, Final Exam (5:00)	\$2.01
NFES 2514	S-339 Trainee Workbook	\$.75
NFES 2515	S-339 Trainee Pre-course Work	\$.35

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 1256	Wildland Fire Suppression Tactics Reference Guide, PMS 465	\$2.71
NFES 2310	Position Task Book Division/Group Supervisor, PMS 311-09	\$.75

Division/Group Supervisor is designed to meet the training requirements of a division or group supervisor on a wildland fire incident. The course supports the specific tasks of the division/group supervisor (DIVS) position on a wildland fire, but does not provide instruction in general management and supervisory principles or in the Incident Command System. Course units include: division/group management, organizational interaction, and division operations.

### **S-346 SITUATION UNIT LEADER (1999)**

#### **CLASSROOM (24 hours + pre-course work)**

NFES 1913	S-346 Instructor's Guide	\$20.14
NFES 2548	S-346 CD-ROM Course Materials	\$3.17
NFES 1914	S-346 Student Workbook	\$1.39
NFES 2549	S-346 Field Reference Guide	\$.84

necessary for each student:

NFES 2554	S-244/S-245 precourse work, "Map & Compass for Firefighters"	\$1.14
NFES 2552	S-244 Field Observer Reference	\$.45
NFES 2333	Position Task Book Situation Unit Leader, PMS 311-24	\$.69

Course topics include: unit mission and function, organization of unit, collecting incident information, technological aids, and reporting and displaying the information.

### **S-347 DEMOBILIZATION UNIT LEADER (1999)**

CLASSROOM (8 hours + pre-course work)

NFES 1915	S-347 Instructor's Guide	\$10.77
NFES 2041	S-347 CD-ROM Course Materials	\$3.13
NFES 1916	S-347 Student Workbook	\$1.14

students should bring or be provided with:

NFES 2336	Position Task Book Demobilization Unit Leader, PMS 311-26	\$ .70
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Topics include: unit mission and function, organization of the unit, developing the demobilization plan and implementing the demobilization plan. This course was designed to be presented immediately following a S-348 course presentation. The S-347 simulation builds on data created in S-348 Resources Unit Leader. If S-347 is being presented not following a S-348 course, the instructor cadre will have to provide the simulated data on which to build the demobilization plan.

### **S-348 RESOURCES UNIT LEADER (1999)**

CLASSROOM (20 hours + pre-course work)

NFES 1917	S-348 Instructor's Guide	\$22.89
NFES 2590	S-348 CD-ROM Course Materials	\$2.47
NFES 1918	S-348 Student Workbook	\$1.14

necessary for each student:

NFES 1984	ICS Position Manual Planning Section, ICS- 221	\$1.29
NFES 2435	ICS Forms Catalog, PMS 204	\$ .90
NFES 1961	S-248 Status/Check-in Recorder Job Aid	\$ .86
NFES 2337	Position Task Book Resources Unit Leader, PMS 311-27	\$ .81

Course topics include: introduction to the resources unit, check-in, tracking resource status, operational planning, work products, and managing the unit. An extensive exercise tests the students' abilities to manage a resources unit in lieu of a final examination. Note: Unit Identifiers is available at [www.nifc.gov/news/nicc.html](http://www.nifc.gov/news/nicc.html).

### **S-354 FACILITIES UNIT LEADER (1999)**

CLASSROOM (28 hours)

NFES 1919	S-354 Instructor's Guide	\$11.18
NFES 2050	S-354 CD-ROM Course Materials	\$3.19
NFES 1920	S-354 Student Workbook	\$1.94

necessary for each student:

NFES 2346	Position Task Book Facilities Unit Leader, PMS 311-36	\$ .49
NFES 1532	J-254 Base/Camp Manager	\$ .38
NFES 1246	J-259 Security Manager	\$ .41
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est

The instructor for Unit 4 will need to have a current copy of the following:

NFES 1276	National Interagency Mobile Food Services Contract	\$4.31
NFES 2729	National Interagency Mobile Shower Facilities Contract	\$5.00est

Course Objectives: 1. Arrive at incident properly equipped, gather information to assess the assignment and begin initial planning activities of a FACL; 2. Plan, staff and manage the facilities unit in a safe manner to meet the needs of the incident; 3. Coordinate with the logistics units and other sections to assist in accomplishing the overall objectives of the facilities unit; 4. Utilize the National Interagency Mobile Food Services and Shower Facilities Contracts to ensure services are provided to the government.

### **S-355 GROUND SUPPORT UNIT LEADER (2000)**

#### **CLASSROOM (16 hours)**

NFES 1921	S-355 Instructor's Guide	\$13.33
NFES 2635	S-355 CD-ROM Course Materials	\$3.49
NFES 1922	S-355 Student Workbook	\$.86

necessary for each student:

NFES 2348	Position Task Book Ground Support Unit Leader, PMS 311-38	\$.50
NFES 1558	J-255 Equipment Manager	\$.37
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2150	DOT Emergency Response Guidebook	\$19.00

The course addresses the following: 1. Arrive at an incident properly equipped, gather information to assess the assignment and begin initial planning activities of a GSUL; 2. Plan, staff and manage the ground support unit to meet the needs of the incident in a safe manner; 3. Coordinate with the logistics units and other sections to assist in accomplishing the incident objectives; 4. Demobilize the ground support unit. *Refer to the instructor guide for additional materials needed to present the course.*

### **S-356 SUPPLY UNIT LEADER (2001)**

#### **CLASSROOM (16 hours)**

NFES 1923	S-356 Instructor's Guide	\$15.02
NFES 1089	S-356 CD-ROM Course Materials	\$3.52
NFES 1924	S-356 Student Workbook	\$1.52

necessary for each student:

NFES 1555	J-252 Ordering Manager	\$.65
NFES 1244	J-253 Receiving and Distribution Manager	\$.66
NFES 2607	TS-256 Cache Demobilization Specialist	\$.37
NFES 2347	Position Task Book Supply Unit Leader, PMS 311-37	\$.47

Supply Unit Leader is designed to provide the trainee with the prerequisite knowledge and skill necessary to perform the tasks of the supply unit leader. The course is designed to instruct trainees who meet the prerequisite qualifications of Ordering Manager and Receiving and Distribution Manager. *Refer to the instructor guide for additional materials needed to present the course.*

### **S-357 FOOD UNIT LEADER (2000)**

#### **CLASSROOM (32 hours)**

NFES 1925	S-357 Instructor's Guide	\$12.04
NFES 2585	S-357 CD-ROM Course Materials	\$5.40
NFES 1926	S-357 Student Workbook	\$2.13
NFES 2586	S-357 Field Guide	\$.54

necessary for each student:

NFES 1276	National Interagency Mobile Food Services Contract	\$4.31
NFES 2344	Position Task Book Food Unit Leader, PMS 311-34	\$.51

This course is designed to provide the trainee with the prerequisite knowledge and skills necessary to perform the tasks of the food unit leader. A significant portion of the course is devoted to the National Interagency Mobile Food Service Contract, its specifications and application as a means of obtaining quality meals for incident personnel. The instructor will need to review the instructor guide to for additional materials needed to present the course.

### **S-358 COMMUNICATIONS UNIT LEADER (2001)**

#### **CLASSROOM (24 hours)**

NFES 1927	S-358 Instructor Guide	\$24.00
NFES 1100	S-358 CD-ROM Course Materials	\$2.75
NFES 1101	S-358 video, VHS, Communication Coordination - the CDO (9:05)	\$2.14
NFES 1928	S-358 Student Workbook	\$4.85

necessary for each student:

NFES 2375	2" binder, 3-ring (for student workbook text)	\$3.75
NFES 0968	National Incident Radio Support Cache User's Guide	\$3.67
NFES 1533	J-257 Incident Communications Center Manager	\$1.14
NFES 2345	Position Task Book Communications Unit Leader, PMS 311-35	\$.97

The instructor will need to review the instructor guide for additional materials needed to present the course, including a "forms packet".

### **S-359 MEDICAL UNIT LEADER (2000)**

#### **CLASSROOM (20 hours)**

NFES 1929	S-359 Instructor Guide	\$24.76
NFES 2587	S-359 CD-ROM Course Materials	\$3.56
NFES 1930	S-359 Student Workbook	\$1.55
NFES 2588	S-359 Field Reference Guide	\$1.18

necessary for each student:

NFES 2375	2" binder, 3-ring (for student workbook text)	\$3.75
NFES 2349	Position Task Book Medical Unit Leader, PMS 311-39	\$.73

The instructor will need to review the instructor guide for additional materials needed to present the course, including a "forms packet".

### **S-360 FINANCE/ADMINISTRATION UNIT LEADER (2000)**

#### **CLASSROOM (32 hours)**

NFES 2636	S-360 Instructor's Guide	\$23.06
NFES 2638	S-360 CD-ROM Course Materials	\$2.56
NFES 2637	S-360 Trainee Workbook	\$2.21

necessary for each student:

NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$20.00est
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2364	Position Task Book Equipment Time Recorder, PMS 311-51	\$.63
NFES 2365	Position Task Book Commissary Manager, PMS 311-52	\$.82
NFES 2366	Position Task Book Personnel Time Recorder, PMS 311-53	\$.52
NFES 2367	Position Task Book Compensation for Injury Specialist, PMS 311-54	\$.62
NFES 2368	Position Task Book Claims Specialist, PMS 311-55	\$.96

optional for each student:

NFES 2357	Position Task Book Procurement Unit Leader, PMS 311-47	\$.89
NFES 2358	Position Task Book Cost Unit Leader, PMS 311-48	\$.71
NFES 2359	Position Task Book Time Unit Leader, PMS 311-49	\$.44
NFES 2360	Position Task Book Compensation/Claims Unit Leader, PMS 311-50	\$.84

S-360 Finance/Administration Unit Leader provides cross-training for all finance/administration unit leaders (time unit leader, procurement unit leader, compensation/claims unit leader, and cost unit leader).

### **S-371 HELIBASE MANAGER (1997)**

#### **CLASSROOM (32 hours)**

NFES 2526	S-371 Instructor's Guide	\$28.70
NFES 2528	S-371 Slide Set	\$7.75
NFES 2529	S-371 video, VHS, Risk Assessment (11:35)	\$2.12
NFES 2530	S-371 video, VHS, Performance vs. Reality (9:25)	\$2.07
NFES 2531*	S-371 Helibase Display Board, part 1, 29" x 24"	\$3.38
NFES 2532*	S-371 Helibase Display Board, part 2, 29" x 24"	\$3.34
NFES 2527	S-371 Trainee Workbook	\$5.72

necessary for course presentation:

NFES 1335	Check-in List, form ICS-211	\$2.14
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necessary for each student:

NFES 2375	2" binder, 3-ring (for trainee workbook text)	\$3.75
NFES 2175	Military Use Handbook	\$3.00est
NFES 1885	Interagency Helicopter Operations Guide	\$14.66
NFES 2327	Position Task Book Helibase Manager, PMS 311-20	\$.44
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est

Instructors should be familiar with the following:

NFES 2226	Course Coordinator's Guide, PMS 907	\$.86
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Examples and exercises in the course are specific to wildland fire suppression. If trainees are expected to perform in another risk area, exercises and examples appropriate to the expected risk area would need to be developed. The course contains a pre-course test, nine formal classroom units and several exercises designed to allow the trainees to demonstrate their ability to perform the tasks required of the position. \*Trainee *groups* will need both part 1 and part 2 of the S-371 Helibase Display Boards for classroom exercises.

**REVISED** **S-378 AIR TACTICAL GROUP SUPERVISOR (2003)**

**CLASSROOM (36-40 hours)**

NFES 1947	S-378 Instructor Guide	\$77.35
NFES 2556	S-378 CD-ROM Course Materials	\$2.92
NFES 2568*	S-378 video, VHS, Initial Attack Fire Exercise, Bear Incident (1999)(26:00)	\$1.66
NFES 2569*	S-378 video, VHS, Large Fire Exercise, Rattlesnake Incident (1999)(26:00)	\$1.66
NFES 1948	S-378 Student Workbook	\$4.24

necessary for each student:

NFES 1393	Interagency Air Tactical Group Supervisor's Guide	\$13.92
NFES 2393	Aircraft Identification Guide, PMS 441	\$ .55
NFES 2048	10 Principles of Retardant Application , PMS 440-2	\$ .13
NFES 2068	1" binder, 3-ring	\$2.96

optional for course presentation:

NFES 1885	Interagency Helicopter Operations Guide	\$14.66
NFES 2226	Course Coordinator's Guide, PMS 907	\$ .86

This course is designed to meet the training needs for the air tactical group supervisor and helicopter coordinator positions. \*The two videos were not revised. *Note: Refer to instructor guide for information regarding items that need to be obtained from other sources.*

**S-390 INTRODUCTION TO WILDLAND FIRE BEHAVIOR CALCULATIONS (1994)**

**CLASSROOM (16 hours)**

NFES 1980	S-390 Instructor's Guide (text pages)	\$20.60
NFES 2287	4" black binder, 3-ring, for Instructor text pages	\$9.27
NFES 2081	S-390 Slide Set	\$22.09
NFES 1981	S-390 Student Workbook (text pages)	\$2.76
NFES 2068	1" binder, 3-ring, (for student text pages)	\$2.81
NFES 1982	S-390 Pre-course Participant Packet	\$ .40
NFES 2082	S-390 Final Examination	\$ .38

necessary for each student:

NFES 2165	Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$ .72
NFES 2231	Ruler, 10 scale, clear plastic	\$1.27
NFES 2220	Fire Behavior Nomograms, PMS 436-3	\$ .20
NFES 1574	Aids to Determining Fuel Models for Estimating Fire Behavior, PMS 435-1	\$ .61

This is a skill course designed to instruct prospective fireline supervisors in wildland fire behavior for effective and safe fire management operations. Fire environment differences are discussed when important. Instructors should stress local and regional conditions. The course consists of three formal classroom units and a final exam.

### **S-400 INCIDENT COMMANDER (2002)**

CLASSROOM (24 hours + optional unit + precourse material)

NFES 1949	S-400 Instructor Guide	\$31.87
NFES 2666	S-400 CD-ROM Course Materials	\$5.40
NFES 1950	S-400 Student Workbook	\$6.10
NFES 2667	S-400 Student Pre-course Study Material	\$1.86

necessary for course presentation:

NFES 1516	S-430 video, VHS, Agency Administrator Briefing (12:47)	\$2.36
NFES 2042	S-440 video, VHS, ICS Incident Planning at Work (16:30)	\$1.40

The instructor for unit 2F will need:

NFES 2463	I-400 Module 13 Unified Command Instructor's Guide	\$1.39
NFES 2467	I-400 Module 15 Area Command Instructor's Guide	\$1.35
NFES 2469	I-401 Module 16 Multi-Agency Coordination Instructor's Guide	\$1.52

necessary for each student:

NFES 2464	I-400 Module 13 Unified Command Student Reference Text	\$ .70
NFES 2468	I-400 Module 15 Area Command Student Reference Text	\$ .31
NFES 2470	I-401 Module 16 Multi-Agency Coordination Student Reference Text	\$ .31
NFES 1983	ICS Position Manual Incident Commander & Staff, ICS 220	\$ .43
NFES 2375	2" binder, 3-ring (for student workbook text)	\$3.75
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2300	Position Task Book Incident Commander Type 1 / 2, PMS 311-01	\$ .51

The course is designed to be interactive with exercises which facilitate student learning and class discussion. Course objectives are: 1. define and describe the role of the Incident Commander in managing complex extended all risk incidents; 2. describe the role of the Incident Commander and Agency Administrator in preparing and revising the Delegation of Authority and Wildland Fire Situation Analysis; and 3. recognize the incident management team's role in using appropriate interpersonal communication skills and management principles necessary for effective and efficient incident management.

### **S-403 INFORMATION OFFICER (2001)**

CLASSROOM (28 hours)

NFES 1955	S-403 Instructor Guide	\$17.12
NFES 1817	S-403 CD-ROM Course Materials	\$2.33
NFES 1102	S-403 video, VHS (26:00)	\$2.67
NFES 1956	S-403 Student Guide	\$1.52

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2305	Position Task Book Information Officer Type 1 / 2, PMS 311-04	\$1.04
NFES 1356	Agency Administrator's Guide for Critical Incident Management, PMS 926	\$1.56
NFES 2388*	S-130 decal, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$1.19/pg
NFES 2389*	S-130 card, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$2.61/pg
NFES 2639*	S-130 card, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$2.62/pg
NFES 2734*	S-130 decal, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$1.31/pg

This course is a management level course that is designed to instruct the qualified information officer type 3 in the more complex tasks of the IOF 1 and 2. \*The decals and cards are available in English and Spanish. Order the appropriate version for the students.

## **S-404 SAFETY OFFICER (2002)**

### **CLASSROOM (32 hours)**

NFES 1951	S-404 Instructor Guide	\$15.75
NFES 1104	S-404 CD-ROM Course Materials	\$1.53
NFES 1952	S-404 Student Workbook	\$.84
NFES 2101	S-404 Field Reference	\$.58

necessary for course presentation:

NFES 2565	PMS 490 video, VHS, Battles Lost (6:51)	\$1.94
NFES 2227	Incident Safety Analysis (LCES), ICS 215A-WS	\$8.90

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55
NFES 2303	Position Task Book Safety Officer Type 1 / 2, PMS 311-04	\$.78

The S-404 Field Reference is not included in the instructor's guide; each student and instructor will need to have a copy. The student workbook is included in the instructor's guide.

## **S-420 COMMAND AND GENERAL STAFF (2002)**

### **CLASSROOM (36 hours)**

NFES 1298	S-420 Instructor Guide	\$21.92
NFES 2683	S-420 CD-ROM Course Materials	\$1.84
NFES 2684*	S-420 video, VHS, Intelligence Information Gathering and Incident Planning Meeting (12:23)	\$3.43
NFES 1299	S-420 Simulation Guide	\$1.82
NFES 2682	S-420 Student Workbook	\$1.27

necessary for course presentation:

NFES 2042	S-440 video, VHS, ICS Incident Planning At Work (16:30)	\$1.40
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The course simulation requires advance planning. Various ICS forms are needed for the course simulation. Check the instructor guide for a list of needed items and logistics concerns. \*Note: the "Intelligence Information Gathering" portion of the S-420 video does not have audio.

## **S-430 OPERATIONS SECTION CHIEF (1996)**

### **CLASSROOM (16 hours)**

NFES 1959	S-430 Instructor's Guide	\$8.99
NFES 1516	S-430 video, VHS, Agency Administrator Briefing (12:47)	\$2.36
NFES 1517	S-430 video, VHS, Operational Period Briefing (6:16)	\$2.35
NFES 1960	S-430 Student Reference Text	\$.86

students should bring or be provided with:

NFES 2309	Position Task Book Operations Section Chief Type 1 / 2, PMS 311-08	\$1.25
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This course concentrates on the duties and responsibilities as they pertain to planning for, supervision of and the coordination of the operations section. Subjects covered include: information gathering, interaction with the command and general staff, incident action plan development, operational period briefing, OSC daily schedule, interaction with incident and non-incident personnel and demobilization. The instructor's guide does not contain a copy of the student reference text.

## **S-440 PLANNING SECTION CHIEF (2001)**

### **CLASSROOM (20 hours)**

NFES 1962	S-440 Instructor's Guide	\$18.80
NFES 2043	S-440 CD-ROM Course Materials	\$5.42
NFES 2042	S-440 video, VHS, ICS Incident Planning At Work (16:30)	\$1.40
NFES 1963	S-440 Trainee Workbook	\$1.61

necessary for course presentation:

NFES 1516	S-430 video, VHS, Agency Administrator Briefing (12:47)	\$2.36
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necessary for each student:

NFES 2068	1" binder, 3-ring (for trainee workbook pages)	\$2.81
NFES 2331	Position Task Book Planning Section Chief Type 1 / 2, PMS 311-23	\$1.03
NFES 1984	ICS Position Manual Planning Section, ICS 221	\$1.29
NFES 2435	ICS Forms Catalog, PMS 204	\$.90

Topics include information gathering, strategies, meetings and briefings, incident action plan, interactions, forms, documents, supplies and demobilization. There is an optional technology section.

### **S-445 INCIDENT TRAINING SPECIALIST (2002)**

#### **CLASSROOM (14--18 hours + pre-course work)**

NFES 2386	S-445 Instructor Guide	\$19.92
NFES 2656	S-445 CD-ROM Course Materials, Instructor version	\$1.68
NFES 2387	S-445 Field Guide	\$ .83
NFES 2654	S-445 CD-ROM, Forms and Job Aids, Student version	\$1.68

necessary for each student:

NFES 1414	NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1	\$ .98
NFES 2671	Wildland and Prescribed Fire Qualification System National Training Curriculum, Module 1 Curriculum Orientation, PMS 316	\$ .45
NFES 2672	Wildland and Prescribed Fire Qualification System National Training Curriculum, Module 2 Components and Guide, PMS 316	\$ .49
NFES 2673	Wildland and Prescribed Fire Qualification System National Training Curriculum, Module 3 Qualification Requirements, PMS 316	\$ .45
NFES 2338	Position Task Book Training Specialist, PMS 311-28	\$ .61

The course objectives are: organize and implement an incident training program, analyze and facilitate training assignments to fulfill individual development needs of trainees, and document individual trainee assignments and the incident training program. The field guide is used as the student workbook along with copies of the handouts and exercises. The instructor guide contains a copy of the field guide.

### **S-450 LOGISTICS SECTION CHIEF (2002)**

#### **CLASSROOM (16 hours)**

NFES 1964	S-450 Instructor's Guide	\$14.65
NFES 1106	S-450 CD-ROM Course materials	\$2.65
NFES 1965	S-450 Student Workbook	\$1.95

necessary for each student:

NFES 2068	1"binder, 3-ring (for student workbook)	\$2.81
NFES 2343	Position Task Book Logistics Section Chief Type 1 /2, PMS 311-33	\$1.03
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est

necessary for course presentation:

NFES 1374	Operational Planning Worksheet, ICS 215-WS	\$9.93
NFES 2227	Incident Safety Analysis (LCES), ICS 215A-WS	\$8.90

Topics include gathering information, organizing and staffing the section, planning activities, operations, demobilization and evaluation.

### **S-460 FINANCE/ADMINISTRATION SECTION CHIEF (2001)**

#### **CLASSROOM (24 hours)**

NFES 1966	S-460 Instructor's Guide	\$15.91
NFES 1819	S-460 CD-ROM Course Materials	\$2.33
NFES 1967	S-460 Trainee Workbook	\$1.76

necessary for course presentation:

NFES 1516	S-430 video, VHS, Agency Administrator Briefing (12:47)	\$2.36
NFES 2042	S-440 video, VHS, ICS Incident Planning At Work (16:30)	\$1.40

necessary for each student:

NFES 2068	1" binder, 3-ring (for trainee workbook)	\$2.81
NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$20.00est
NFES 0065	Fireline Handbook, PMS 410-1	\$3.00est
NFES 2092	National Interagency Mobilization Guide	\$3.58
NFES 2356	Position Task Book Finance/Administration Section Chief, PMS 311-46	\$ .72
NFES 2357	Position Task Book Procurement Unit Leader, PMS 311-47	\$ .89
NFES 2358	Position Task Book Cost Unit Leader, PMS 311-48	\$ .71
NFES 2359	Position Task Book Time Unit Leader, PMS 311-49	\$ .44
NFES 2360	Position Task Book Compensation/Claims Unit Leader, PMS 311-50	\$ .84

Topics discussed are information gathering, section management, interaction and coordination, demobilization, current issues/concerns.

### **S-470 AIR OPERATIONS BRANCH DIRECTOR (2002)**

#### **CLASSROOM (40 hours + pre-course work)**

NFES 1969	S-470 Instructor's Guide	\$56.61
NFES 2606	S-470 CD-ROM Course Materials	\$1.69
NFES 2605	S-470 video, VHS (43:00)	\$6.05
NFES 2604*	S-470 Air Operations Display Board	\$12.47
NFES 1970	S-470 Reference Text	\$11.05

necessary for each student:

NFES 2175	Military Use Handbook	\$3.00est
NFES 2512	Interagency Aviation Technical Assistance Directory	\$ .44
NFES 2537	Interagency Airtanker Base Directory	\$ .91
NFES 0968	National Incident Radio Support Cache User's Guide	\$3.67

necessary for the instructor:

NFES 1885	Interagency Helicopter Operations Guide	\$14.66
NFES 1878	IHOG Supplement Forms Package	\$ .78
NFES 2531	S-371 Helibase Display Board, part 1, 29" x 24"	\$3.38
NFES 2532	S-371 Helibase Display Board, part 2, 29" x 24"	\$3.34
NFES 1374	Operational Planning Worksheet, ICS-215-WS, 36" x 64"	\$9.93
NFES 2227	Incident Safety Analysis (LCES), ICS-215A-WS, 63" X 38"	\$8.90

Students should have the following initiated and bring to class:

NFES 2323	Position Task Book Air Operations Branch Director, PMS 311-17	\$ .78
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Review the instructor's guide for additional items needed for course presentation. The course consists of pre-course work (4–6 hours) reading material and exercises, classroom units, and an on-going exercise designed to demonstrate the students' ability to perform the tasks required of an AOB. Subjects covered: preparedness and mobilization, initial briefings and meetings, team transition, preparing, organizing, and implementing an aviation operation, management and oversight, and demobilization. The reference text is used as the student workbook. \* It is necessary to order one air operations display board for the cadre and one for each student group.

## **S-490 ADVANCED WILDLAND FIRE BEHAVIOR CALCULATIONS (1993)**

CLASSROOM (40 hours + pre-course work)

NFES 2279	S-490 Instructor's Guide	\$29.16
NFES 2280**	S-490 CD-ROM	\$ .not available
NFES 2281	S-490 Slide Set	\$31.11
NFES 2282	S-490 Handout Set	\$9.53
NFES 2283*	S-490 Pre-course Study Material	\$1.58
NFES 2284*	S-490 Pre-course Test	\$ .50
NFES 2285*	S-490 Student Reference Text	\$21.59
NFES 2286*	S-490 Proficiency Checks and Final Examination	\$ .75

necessary for each student:

NFES 2224	Fire Behavior Field Reference Guide, PMS 436-4	\$9.30
NFES 2231	Ruler, 10 scale, clear plastic	\$ .87
NFES 2232	Protractor, 0--360°, clear plastic	\$ .62
NFES 1574	Aids to Determining Fuel Models, PMS 435-1	\$ .61
NFES 1573	How to Predict the Spread & Intensity of Forest & Range Fires, PMS 436-1	\$2.12
NFES 2239	Atmospheric Conditions Relating to Blow-up Fires, PMS 815	\$ .48
NFES 2167	The Mack Lake Fire, PMS 404	\$1.22

Examples and exercises in the course are split between wildfire and prescribed fire applications. The Instructor's Guide does not contain the handout set, viewgraphs, or slide set. The handout set may be used as a master from which to copy or the instructor may order one handout set for each student. The student reference text is bound in a 3-ring binder that allows for handouts and pre-course materials to be added. Order pre-course study material, pre-course test, student reference text, and proficiency checks and final examination for each student. Note: *The "Fire Behavior Worksheets for the HP71B Calculator" and the "Fire Behavior Worksheets for BEHAVE: FIRE1 & FIRE 2 Programs" are no longer available. BEHAVEPLUS is now being used; refer to [www.fs.fed.us/fire](http://www.fs.fed.us/fire) - click on "Fire Applications (software) \*\*The viewgraphs are being changed to CD for electronic presentation. The CD is estimated to cost \$5.00. Call for availability before ordering. The revised S-490 course may be available late 2004. Call for availability before ordering.*

## **NEW S-491 INTERMEDIATE NATIONAL FIRE DANGER RATING SYSTEM (NFDRS) (2003)**

CLASSROOM (36 hours + 10 hours prequalifying work)

NFES 2691	S-491 Instructor's Guide	\$20.00est
NFES 2694	S-491 CD-ROM Course Materials	\$2.38
NFES 2692	S-491 Student Workbook	\$35.00est
NFES 2693	S-491 Student Prequalifying Work	\$2.73

necessary for each student:

NFES 2665	Gaining an Understanding of the National Fire Danger Rating System	\$2.19
NFES 2687	National Fire Danger Rating System Reference Material, CD-ROM	\$1.43

This course is designed to be presented at the geographic area level. The course lessons and exercises support training for those who are responsible for editing and inputting weather information into WIMS used for NFDRS calculations, fire management staff responsible for applying NFDRS outputs to decisions, and fire behavior specialists who incorporate NFDRS products into assessments and projections.

# Job Aids

Job Aids are available at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm). Job Aids for Technical Specialist positions are designated "TS". Refer to the NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1 (NFES 1414) to for information regarding the use of Job Aids and qualification standards ([www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm)). Refer to the Field Manager's Course Guide, PMS 901-1, [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm), for descriptions of job aids, courses, and training standards.

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## **J-158 RADIO OPERATOR** (2002)

NFES 1968 \$ .85

Printed in 4" x 7 ½" size. Information includes: developing a kit, obtaining information from dispatch upon initial activation, incident check-in, briefing from the communications unit leader, duties within the incident communications unit structure, work materials and equipment, transfer of information, communications equipment and basic functions/capabilities, processing documentation, emergency situation protocols, transition with replacement personnel, demobilization and check out.

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## **J-236 STAGING AREA MANAGER** (1996)

NFES 2508 \$ .49

Printed in 4" x 7 ½" size. The information is organized in a checklist format, divided into the following sections: developing a kit, being dispatched to an incident, arriving at an incident and after check-in, organizing and staffing, determining factors for suitability of a staging area, operating a staging area, and demobilization. Appendices include tips on: managing a staging area, laying out a staging area, filling out the ICS-211, and closing the staging area.

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## **REVISED J-252 ORDERING MANAGER** (2003)

NFES 1555 \$ .65 Printed in 5 ½" x 8 ½" size.

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## **REVISED J-253 RECEIVING AND DISTRIBUTION MANAGER** (2003)

NFES 1244 \$ .66 Printed in 5 ½" x 8 ½" size.

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## **J-254 BASE/CAMP MANAGER** (1997)\*\*

NFES 1532 \$ .38

Printed in 4" x 7 ½" size. Information includes: developing a kit, obtaining information from dispatch upon initial activation, arriving and checking in at the incident, obtaining a briefing from the Facilities Unit Leader, obtaining resources and supplies, coordinating with incident personnel to establish incident facilities, communicating with incident personnel, supervising facility personnel, ensuring compliance with applicable health and safety regulations, providing operation and maintenance for all facilities and associated equipment, coordinating with finance/administration section and Facilities Unit Leader on incident facilities contracts/agreements for services, equipment and personnel, identifying excess resources, coordinating the release and return of facilities and equipment. **\*\*The 2004 revision should be available after 4/15/2004. Orders placed before 4/15/04 will be filled with the 1997 edition.**

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## **J-255 EQUIPMENT MANAGER** (1997)

NFES 1558 \$ .37

Printed in 4" x 7 ½" size. Information includes: developing a kit, obtaining information from dispatch upon initial activation, arriving and checking in at the incident, obtaining a briefing from the Ground Support Unit Leader, coordinating with the Ground Support Unit Leader to determine and obtain supplies and equipment, ensuring all appropriate safety measures are followed, scheduling transportation to maximize use of available vehicles and equipment, dispatching vehicles and equipment in accordance with incident action plan, determining resource on hand and ordering additional resources, maintaining records, establishing areas for service, repair and fueling, developing and implementing incident traffic plans, providing for maintenance of incident roads, demobilizing.

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## **REVISED J-257 INCIDENT COMMUNICATIONS CENTER MANAGER** (2003)

NFES 1533 \$1.14 Printed in 5 ½" x 8 ½" size.

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### **J-259 SECURITY MANAGER** (1997)

NFES 1246      \$ .41

Printed in 4" x 7 ½" size. Information includes: developing a kit, obtaining information from dispatch upon initial activation, arriving and checking in at the incident, obtaining a briefing from the Facilities Unit Leader or Logistics Section Chief, establishing contacts with local law enforcement agencies, contacting agency representatives to discuss special security requirements, security size-up, preparing security plan, requesting personnel/staffing, handling sensitive issues, briefing incident personnel, providing for the welfare and safety of security staff, documentation and record keeping, demobilization.

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### **J-342 DOCUMENTATION UNIT LEADER** (1999)

NFES 1909      \$1.13

Printed in 8 ½" x 11" size. Information includes: developing a kit, obtaining information from dispatch upon initial activation, arriving and checking in at the incident, obtaining a briefing from the Planning Section Chief, organizing the work area, organizing and supervising the unit, assisting other units in the planning section to meet priorities and time frames, establishing and organizing the incident files, providing duplication and collation services, providing incident action plan preparation, producing final documentation package, interacting with Planning Section Chief and other units on documentation unit release priorities, planning for demobilization and checkout, demobilizing the documentation unit. Appendix A Common Objectives for planning section unit leaders provides helpful tips and scenarios to consider as a member of the planning section.

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### **J-375 AIR SUPPORT GROUP SUPERVISOR** (1997)

NFES 1262      \$ .87

Printed in 4" x 7 ½" size. Checklists include: items for ASGS kit, dispatch information, arrival at incident, Air Operations Branch Director or Operations Section Chief briefing, dispatch and aviation officer briefing, resource advisor briefing, daily helicopter operations briefing/debriefing, daily fixed wing operations briefing/debriefing, safety considerations, air support equipment needs, ordering procedures, coordination, planning, frequency and hardware for communications, supervisor, air operations incident communication plan, ICS/military relationship, TFR flowchart, ASGS documentation chart, demobilization.

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### **TS-256 CACHE DEMOBILIZATION SPECIALIST** (1999)

NFES 2607      \$ .37

Printed in 4" x 7 ½" size. The Cache Demobilization Specialist may work for in the logistics section on an incident, but typically may be assigned to a National Interagency Support Cache working for the Cache Manager. This job addresses both situations. Information includes: developing a kit, obtaining information from dispatch upon initial activation, arriving and checking in at the incident or cache, obtaining a briefing from the Logistics Section Chief or Cache Manager, establishing and maintaining positive working relationships with incident/cache personnel, setting up a secure area for staging and packaging of equipment and supplies to be returned, providing direction for proper packaging, loading and documentation of equipment and supplies, ensure hazardous material regulations are followed, preparing and submitting documentation as required by the Supply Unit Leader/Cache Manager, demobilize incident supplies and equipment.

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### **PMS 312 EXPANDED DISPATCH JOB AIDS** (1994)

NFES 2400      \$ .68

Printed in 4" x 7 ½" size. Position checklists and job aids for Dispatch Recorder, Support Dispatcher, and Supervisory Dispatcher. This job aid is intended to be used as an on-the-job reference for qualified expanded dispatch personnel. *Revision status unknown.* PMS 312.

## Other Courses

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### **PMS 316 WILDLAND AND PRESCRIBED FIRE QUALIFICATION SYSTEM NATIONAL TRAINING CURRICULUM (2001)**

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#### CLASSROOM OR SELF-PACED

NFES 2671	PMS 316 Module 1 Curriculum Orientation	\$ .45
NFES 2672	PMS 316 Module 2 Components and Guide	\$ .49
NFES 2673	PMS 316 Module 3 Qualification Requirements	\$ .45
NFES 2674	PMS 316 Module 4 Roles and Responsibilities	\$ .45
NFES 2675	PMS 316 Module 5 Interactions and Partnerships	\$ .53
NFES 2676	PMS 316 Module 6 Agency Administrator Roles and Responsibilities	\$ .41

necessary to complete each module:

NFES 1414	NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1	\$ .98
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Instruction to teach elements of the performance-based qualification system used for wildland and prescribed fire by NWCG member agencies. Each module has both the instructor's lesson plan if taught in a classroom setting and the student material and exercises.

**Module 1 Curriculum Orientation** contains information on the Wildland and Prescribed Fire Qualification System, the training curriculum, and the objectives of this training curriculum. The information contained in this module is intended for all users of the system.

**Module 2 Components and Guide** provides information on the system components and key guide utilized in administration of the qualification system. Descriptions and exercises in this module help the user identify and use the components and guide. This module is intended for entry level personnel and those personnel who have responsibility for administration and application of the system.

**Module 3 Qualification Requirements** provides the user with more in depth information on the Wildland and Prescribed Fire Qualification System Guide, PMS 310-1. Exercises aid the user in determining how personnel become qualified in a target position. Problem solving items include: training, experience, physical requirements for various positions; certification and re-certification issues. This module is intended for entry level personnel and those personnel who have responsibility for administration and application of the system.

**Module 4 Roles and Responsibilities** provides the user with more in depth information on use of Appendix A, Position Task Book Administration. Exercises help the user to identify key roles and responsibilities identified in this guide, and how these roles are tied into use and administration of the position task book(s). This module is intended for those personnel who have responsibility for administration and application of the system.

**Module 5 Interactions and Partnerships** provides knowledge on how different participants of the Wildland and Prescribed Fire Qualification System interact with each other and the importance of that relationship. Exercises are intended to display these interactions and provide more in depth information on how the PMS 310-1 and Appendix A, Position Task Book Administration, must be used interchangeably. This module is intended for those personnel who have responsibility for administration and application of the system.

**Module 6 Agency Administrator Roles and Responsibilities** provides Wildland and Prescribed Fire Qualification System information to the agency administrator or delegating official. The module is intended to provide information that will help decision making and support employee wildland and prescribed fire qualification. This module is intended for agency administrators or executives who have responsibility for establishing policy and guidelines within their agency.

### **PMS 418 HAZARDOUS MATERIALS AWARENESS PROGRAM FOR FIREFIGHTERS (1989)**

#### CLASSROOM (2 hours)

NFES 2144	PMS 418 Instructor's Information	\$ .14
NFES 2145	PMS 418 video, VHS, Hazardous Materials (32:00)	\$2.77
NFES 2146	PMS 418 video, VHS, First on the Scene (32:17)	\$3.22
NFES 2147	DOT Chart 12 Hazardous Materials Marking, Labeling, Placarding	\$ .16
NFES 2148	PMS 418 Clues and Decide card (100/pg)	\$2.16/pg
NFES 2149	PMS 418 Do's and Don'ts of Hazardous Materials card (100/pg)	\$1.80/pg
NFES 2150*	DOT Emergency Response Guidebook (2000)	\$19.00

This two hour program is designed to be presented to all firefighters who may encounter hazardous material in the field. The purpose of this program is to provide fire personnel training in the awareness and recognition of hazardous materials. \*The DOT Emergency Response Guidebook may also be ordered from U.S. Government Printing Office at [www.gpo.gov](http://www.gpo.gov) or it may be accessed at <http://hazmat.dot.gov>

## **PMS 419 ENGINE OPERATOR** (2001)

### CLASSROOM (40 hours)

NFES 2660	PMS 419 Instructor's Guide	\$27.91
NFES 2662	PMS 419 CD-ROM Course Materials	\$3.23
NFES 2663	PMS 419 video, VHS, Point Fire Case Study (29:00)	\$2.67
NFES 2661	PMS 419 Student Guide	\$4.75

necessary for each student:

NFES 2375	2" binder, 3-ring (for student guide text)	\$3.75
NFES 0897	Fire Stream/Friction Loss Calculator	\$4.33
NFES 1308	Wildland Fire Hose Guide, PMS 466	\$1.01
NFES 1275	Water Handling Equipment Guide, PMS 447-1	\$2.25
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55

Review the instructor's guide for additional items needed for course presentation. Field sessions and outside sessions are used throughout the course week. It is assumed students will drive an engine to class to use during exercises. The student target group is engine module members.

Engine Operator addresses the standards, procedures and techniques to be an engine operator on a wildland or prescribed fire. The course was developed for the BLM organization to standardize what has in the past been known as "Engine Academies". Because of the success of the course within the BLM, the NWCG has sponsored Engine Operator as an interagency course. While the Engine Operator position and skills are interagency in nature, the course refers to BLM policy, engines, references, maintenance forms, etc. It is important to note that other agencies presenting this course should substitute, refer to and use agency-specific references that are more appropriate.

## **PMS 427 LOOK UP, LOOK DOWN, LOOK AROUND** (1992)

### CLASSROOM (4 hours)

NFES 2241	PMS 427 Instructor's Guide	\$7.64
NFES 2244	PMS 427 video, VHS (1993) (50:00)	\$2.93
NFES 2242	PMS 427 Student Workbook	\$ .38

This course examines the wildland fire environment and the indicators that firefighters should observe on the fireline in order to anticipate fire behavior. Both the Fireline Safety Reference booklet and the Student Workbook should be ordered for each trainee. The instructor's guide and student workbook refer to the primary fire environment factors being "fuels, topography, and air mass." "Air mass" needs to be changed to "weather" to keep this course consistent with the fire behavior courses, i.e., S-190, S-290, S-390. The video has been revised to reflect this change. *Note: the instructor's guide refers to the "Fireline Safety Reference" which has been discontinued. Use the NFES 1077 Incident Response Pocket Guide as the reference.*

## **PMS 443 CLASS A FOAM** (1995)

### CLASSROOM (13.5 hours + 2 hours pre-course work)

NFES 1301	PMS 443 Instructor's Guide	\$21.69
NFES 1303	PMS 443 Slide Set	\$16.03
NFES 1304	PMS 443 video, VHS, Tape 1 (2:02:00)	\$5.75
NFES 1305	PMS 443 video, VHS, Tape 2 (1:42:00)	\$5.05
NFES 1302	PMS 443 Student Notetaking Guide	\$1.14

necessary for course presentation:

NFES 2073	video, VHS, Introduction to Class A Foam (13:00)	\$1.97
NFES 2219	video, VHS, Properties of Foam (15:00)	\$2.79
NFES 2245	video, VHS, Class A Foam Proportioners (24:00)	\$2.64
NFES 2272	video, VHS, Aspirating Nozzles (11:00)	\$3.10
NFES 2161	video, VHS, Compressed Air Foam Systems (20:00)	\$2.38
NFES 2404	video, VHS, Tactical Applications of Class A Foam (8:00)	\$2.49

optional for the Course Coordinator:

NFES 2226	Course Coordinator's Guide, PMS 907	\$ .86
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necessary for each student:

NFES 2246	Foam vs. Fire: Class A Foam for Wildland Fires	\$ .50
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optional for each student:

NFES 2068	1"binder, 3-ring	\$2.81
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This is an introductory course to Class A foams used on wildland fires. There are seven classroom/outdoor units that may be presented according to local training needs: 1. Water, Wetting Agents and Foaming Agents; 2. Personal Safety and Environmental Concerns; 3. Proportioning; 4. Nozzle Aspirating Foam System; 5. Compressed Air Foam System; 6. Applications from the Ground; and 7. Applications from Aircraft.

## **PMS 490 LESSONS LEARNED: FATALITY FIRE CASE STUDIES (1998)**

### CLASSROOM (4–16 hours)

NFES 2562	PMS 490 Instructor's Guide	\$10.62
NFES 2563*	PMS 490 Instructor's Reference	\$2.27
NFES 2565	PMS 490 video, VHS, Battles Lost (6:51)	\$1.94
NFES 2566	PMS 490 video, VHS, Case Studies 1-5 (1:09:35)	\$2.84
NFES 2567	PMS 490 video, VHS, Case Studies 6-9 (1:03:00)	\$2.78
NFES 2564	PMS 490 Trainee Workbook	\$1.28

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.55
NFES 2225	Common Denominators of Fire Behavior, PMS 407	\$ .29

The purpose of this course is to use past fatality fires as a learning tool to help fireline tactical decision-makers (firefighter type 1 up through operations section chief) avoid similar mistakes in the future. The course is a series of nine case studies. The time required for this course will range from 4 to 16 hours, depending on the number of case studies to be presented. This course may be used as a stand alone component of an annual refresher training program or in a training academy setting. It may also be used to enhance existing suppression/skills training courses. There are three *videos* used in the presentation of this course. ***Battles Lost*** outlines the history of fatality fires in wildland firefighting. ***Case Studies 1-5*** shows the sequence of events for the following fires: Bass River (New Jersey), Dude (Arizona), Golden Gate Estates (Florida), Lauder (California), and Mack Lake (Michigan). ***Case Studies 6-9*** shows the sequence of events for the following fires: Romero (California), Spanish Ranch (California), Rainbow Springs (Arkansas), Loop (California), and Glen Allen (California). \*The Instructor's Guide does not contain a copy of the Instructor's Reference. The Instructor's Guide does contain a copy of the Trainee Workbook. *Note: The instructor's guide refers to "Historical Wildland Firefighter Fatalities" which is available at [www.nifc.gov/reports](http://www.nifc.gov/reports)*



# HANDBOOKS GUIDES VISUAL MATERIALS

Items in this section are grouped by *subject* and then listed alphabetically by title with the publication date in parenthesis, the NFES number (ordering number) and a brief description. Reference numbers, if applicable, are given at the end of the description.

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# Aviation

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## **AIRCRAFT IDENTIFICATION GUIDE** (1994)

NFES 2393           \$ .55

A 43-page guide comprised of drawings depicting aircraft commonly used during wildland fire suppression efforts. Drawings are divided into the following categories: lead planes & airtankers; smokejumper/transport; light fixed-wing; large transport; helicopters. This information is for aircraft identification and familiarization only.

## **BASIC AVIATION SAFETY GUIDE** (1997)

NFES 2097           \$ .37

A USDI Office of Aircraft Services sponsored publication. Updated version of handout and student materials used in Basic Aviation Safety class. This guide is a condensed, checklist version of highlights from course. The guide covers helicopter safety, helicopter capabilities and limitations, personal protective equipment, airplane safety, airplane capabilities and limitations.

## **BULL FIRE ENTRAPMENT** (1996)

NFES 1221           \$2.50           video, VHS (30:00)

An interagency sponsored video that uses actual taped dialog and infrared footage of a fire entrapment of an initial attack crew with a helicopter. This video demonstrates the importance of the "Fire Orders" and "Watch Out! Situations". A training tool for all initial attack firefighters as well as pilots.

## **CHIEF OF PARTY/THE FLIGHT MANAGER** (1998)

CLASSROOM (1-2 hours) or SELF-PACED

NFES 2571           \$1.06           Instructor's Guide

NFES 2572           \$ .61           Student Workbook

NFES 2573           \$2.03           video, VHS (15:00)

Each trainee will also need:

NFES 1373           \$ .21           Interagency Aviation User Pocket Guide

NFES 1399           \$5.79/pg       Five Steps to a Safe Flight (100cards/pg)

Optional for classroom presentation:

NFES 1216           \$3.07           video, VHS, Lessons Learned in Forest Service Aviation, Part I (30:00)

This course is intended for all personnel who will be using agency owned or contracted aircraft for transportation. The course covers the responsibilities of the chief of party/flight manager, passengers, and the pilot, and basic aircraft safety. For successful completion of this course, a trainee must receive a minimum score of 70% on the final exam. Topics covered include: ordering and coordinating flights, duties and responsibilities of chief of party/flight manager, common passenger responsibilities, information given/received in the pilot briefing, how to safely approach and leave an aircraft, methods of flight following, SAFECOM reports. The course presentation is based on the Chief of Party/Flight Manager video, but an instructor may add information to meet local/agency needs and as time permits.

## **FIVE STEPS TO A SAFE FLIGHT** (1997)

NFES 1399           \$5.79/pg       (100 cards/pg)

This is an orange wallet-sized card that may be given to any passenger boarding a helicopter. Contains checklist of information on which passengers should be briefed and phone number to report mishaps. OAS-103/FS5700-16.

## **FOAM VS FIRE: AERIAL APPLICATIONS** (1995)

NFES 1845           \$ .41

The third and last pamphlet in the Foam vs. Fire series. Explains Class A foam characteristics and properties, personal safety and environmental concerns when using Class A foam, aerial application proportioning systems, and tactical application for fixed- and rotor-wing operations. PMS 446-3.

## **HELICOPTER HAND SIGNALS** (11/89)

NFES 0530           \$ .05

Printed 5½" X 8½" helicopter hand signals used by helicopter support personnel.

**HELICOPTER BUCKET OPERATIONS** (1997)

NFES 2599            \$2.06            video, VHS (16:00)

This video is intended for pilots and helicopter crew members who are inexperienced with bucket operations. The video portrays all aspects of helicopter bucket operations including bucket types, pre-flight operations, operational bucket use and safety considerations.

**HELOSAFE (Helicopter Operation Safety)** (1988)

NFES 2090            \$2.53            video, VHS (13:00)

A USDI Office of Aircraft Services sponsored video about helicopter safety. Addresses approaching, entering and exiting a helicopter and use of seatbelts.

**REVISED INTERAGENCY AERIAL IGNITION GUIDE** (2004)

NFES 1080            \$ 1.29

The objectives of this guide are: define and standardize procedures and equipment for approved aerial ignition operations for use by all cooperating natural resource agencies, ensure that all aerial ignition operations are performed in a safe and efficient manner, provide a framework within which areas, regions, states and local units can provide supplemental, site-specific guidance, and establish a method to evaluate and approve aerial ignition systems not currently approved and outlined in this guide.

**INTERAGENCY AIR TACTICAL GROUP SUPERVISOR'S GUIDE** (1997)

NFES 1393            \$13.92

This guide is specifically designed for the Air Tactical Group Supervisor (ATGS) as used in the Incident Command System. Although the guide focuses on the ATGS position, information presented also pertain to the Air Tanker Coordinator/Fixed Wing Coordinator (ATCO), Leadplane (LEAD), and Helicopter Coordinator (HLCO) positions. Working relationships and interactions of these positions is discussed. The guide primarily pertains to wildland fire operations, however, one chapter is devoted to non-fire "all-risk" incidents. The guide is intended to be a field reference guide. *A revised guide is planned—unknown availability. Call to verify before ordering.*

**REVISED INTERAGENCY AIRTANKER BASE DIRECTORY** (2004)

NFES 2537            \$.91

The directory is intended to aid wildland fire managers, pilots, and contractors in the use of airtanker bases. The directory is not intended to supersede any regulation, authority, local procedure, FAA regulation, laws, common sense or a pilot's discretion. It is up to the user to check the accuracy of the information. The directory is revised and published annually. Also available at [www.fs.fed.us/fire/aviation/basedir.html](http://www.fs.fed.us/fire/aviation/basedir.html)

**REVISED INTERAGENCY AIRTANKER BASE OPERATIONS GUIDE** (2003)

NFES 2271            \$2.22

The purpose of this guide is to provide information that will define and standardize national interagency operating procedures at all airtanker bases to ensure safe and efficient operations, to support the Federal Wildland Fire Policy through interagency coordination, to facilitate the exchange of personnel from all wildland fire suppression agencies during periods of high fire activity through standardization, to provide a common interagency approach in contract related responsibilities, provide the framework which allows each airtanker base to provide a local base supplement.

**REVISED INTERAGENCY AVIATION MISHAP RESPONSE GUIDE AND CHECKLIST**

NFES 2659            \$4.20            (2004)

This is a generic aircraft mishap response plan. It is not intended to be all-encompassing but rather it provides the minimum essential elements which apply to most aviation mishaps. Users must tailor this plan to their organizations, missions, and operational locations. Designed as a flip chart, 8 ½" x 11". Also available at <http://www.oas.gov>

**REVISED INTERAGENCY AVIATION TECHNICAL ASSISTANCE DIRECTORY** (2004)

NFES 2512            \$ .44

Produced by the USDA Forest Service Aviation Group, NIFC. This annual publication contains names, addresses and phone numbers of aviation representatives for all federal wildland fire agencies.

**INTERAGENCY AVIATION TRANSPORT OF HAZARDOUS MATERIALS (2003)**

NFES 1068           \$ .62

This interagency publication is a USDI Handbook, USDA-FS Guide. This document, as authorized in FSM 5700 and 350 DM 2, established the USDA-Forest Service and the U.S. Department of the Interior interagency aviation transport of hazardous materials program. This document sets forth the objectives, policies and standards for the transport of hazardous materials in aircraft under the exclusive direction and control of the USDA-FS or USDI. The document is also available on the OAS website: [www.oas.gov](http://www.oas.gov)

**INTERAGENCY AVIATION USER POCKET GUIDE (1998)**

NFES 1373           \$ .21

The object of this guide is to promote aviation safety in the field. Contents of the pocket-sized guide include: pilot and aircraft approval, ordering/coordinating flights, chief of party responsibilities, passenger responsibilities, ground safety, air safety, hazardous materials, personal protective equipment, helicopter landing area selection and safety, aircraft mishap response actions, flight following, and reportable safety concerns. The document is also available at [www.oas.gov](http://www.oas.gov).

**INTERAGENCY HELICOPTER OPERATIONS GUIDE (IHOG) (2002)**

NFES 1885           \$14.66           IHOG (7½" by 8½", with tab dividers, white binder)

NFES 1878           \$ .78           Forms Supplement Package for the IHOG

The procedures contained in this guide apply to helicopter operations conducted by providers and users of helicopters from participating agencies. The guide addresses both incident and project helicopter operations. Objectives of the guide include 1) promote safe, cost-efficient and effective aviation services in support of agency and interagency goals and objectives, 2) define and standardize national, interagency helicopter management and operational procedures for helicopter users from participating agencies. This comprehensive document has 17 chapters and 13 appendices. Chapter titles are: Personnel; Operational Planning; Flight Following, Resource Tracking, and Communications; Vendor Personnel and Equipment: Approval and Carding; Helicopter Capabilities and Limitations; Helicopter Load Calculations and Manifests; Helicopter Landing Areas; Equipment Requirements and Maintenance; Personnel Transport; Cargo Transport; Fire Protection and Crash-Rescue; Fueling Operations; Helicopter Maintenance; Helibase and Helispot Management and Operations; Law Enforcement; Search and Rescue Operations. NFES 1878 contains forms referred to in the IHOG, but printed in 8½" x 11" format so they may be copied per local need. This document is available at [www.fire.blm.gov/aviation](http://www.fire.blm.gov/aviation)

**REVISED INTERAGENCY SINGLE ENGINE AIRTANKER OPERATIONS GUIDE (ISOG) (2004)**

NFES 1844           \$ .68

The Interagency Single Engine Airtanker Operations Guide (ISOG) contains information about utilization of the Single Engine Airtanker (SEAT). This document is available at [www.fire.blm.gov/aviation](http://www.fire.blm.gov/aviation)

**LESSONS LEARNED IN FOREST SERVICE AVIATION, video series, VHS**

NFES 1216           \$3.07           Part I (1998) (30:00)

NFES 2576           \$2.22           Part II (1999) (25:00)

NFES 2664           \$1.95           Part III (2000) (24:00)

Part I: Recaps five past aircraft accidents that caused change in USDA-FS aviation policy. This video is a powerful aviation safety tool that can be used on an interagency basis to ensure past mistakes are not repeated.

Part II: Recaps six helicopter accidents that were the result of poor helicopter performance planning. Covers the fundamentals of helicopter performance planning and basic helicopter fundamentals of flight. Includes interviews with professional agency and industry pilots. Recommended for those who manage or utilize helicopters in a mountainous environment.

Part III: Lesson Not Learned. Recaps several aviation accidents and mishaps within the Forest Service that are reoccurring. The accidents deal with use of personal flotation devices, pilot briefings, identified hazards, and mission focus.

**PERSONAL PROTECTIVE EQUIPMENT (1998)**

NFES 2574           \$1.73           video, VHS (13:00)

This USDI-OAS produced video stresses the importance of personal protective equipment (PPE) in and around aircraft. Requirements, use and fitting of flight helmets, clothing, boots, gloves and hearing protections are covered.

**THE PROFESSIONAL HELICOPTER PILOT SUPPORTING WILDLAND FIRE SUPPRESSION,  
video series, VHS**

NFES 2002            \$2.05            Part I (1993) (16:00)  
NFES 2487            \$2.26            Part II (1995) (19:08)

Part I: introduces the unique circumstances of flying specialized, fire missions for land management agencies. The video is designed for pilots in fire suppression assignments, but is also helpful for helicopter support and management personnel in understanding a pilot's mission.

Part II: discusses helicopter safety for the pilot and helitack crew; duties of the HECM such as load calculations and manifesting procedures, outlines duties and responsibilities of air operations positions. Pilot responsibilities stressed are radio communications, fire size-up, landing areas and safety decision factors, bucket work considerations, rappelling considerations, value of aerial reconnaissance, and fueling.

**10 PRINCIPLES OF RETARDANT APPLICATION** (1992)

NFES 2048            \$ .13

Wallet-sized card with 10 principles to consider with airtanker retardant drops and has coverage level chart. PMS 440-2.

**TWELVE STANDARD AVIATION QUESTIONS THAT SHOUT "WATCH OUT!"** (1998)

NFES 1129            \$5.81/pg            (100 cards/pg)

Wallet-size card with twelve questions to consider during aircraft use. The questions were developed from lessons learned from past aviation accidents.

**WIRES, WINDS AND WEIGHTS** (1987)

NFES 1211            \$2.02            video, VHS (14:00)

This USDI-OAS produced video provides information about basic aviation policy and procedures relating to aviation safety and flying in the natural resource environment. Wires, winds and weights are the three leading causes of aircraft accidents. This video provides safety considerations for aircraft use in a "lessons learned" format.

# Fire: Behavior, Effects, Weather

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## **AIDS TO DETERMINING FUEL MODELS FOR ESTIMATING FIRE BEHAVIOR** (1982)

NFES 1574           \$ .61

Presents photographs of wildland vegetation appropriate for the 13 fuel models used in mathematical models of fire behavior. Fuel model descriptions include fire behavior associated with each fuel and its physical characteristics. A similarity chart cross-references the 13 fire behavior fuel models to the 20 fuel models used in the National Fire Danger Rating System. PMS 435-1, GTR INT-122.

## **ATMOSPHERIC CONDITIONS RELATED TO BLOWUP FIRES** (1954)

NFES 2239           \$ .46

Reprint of a 1954, 30-page report that presents some of the results of a four-year study on atmospheric factors contributing to blowup fires. The approach used in the study consisted of case-history procedure accompanied by theoretical and analytical work in fire physics. Reference publication for S-490. USDA Southeastern Forest Experiment Station Paper No. 35, PMS 815. *To be discontinued when S-490 is revised.*

## **CHARTS FOR INTERPRETING WILDLAND FIRE BEHAVIOR CHARACTERISTICS** (1982)

NFES 0274           \$ .26

The fire characteristics chart is proposed as a graphical method of presenting two primary characteristics of fire behavior: spread rate and intensity. Its primary use is communicating and interpreting either site-specific predictions of fire behavior or National Fire Danger Rating System (NFDRS) indexes and components. Specific examples illustrate use of a fire characteristics chart in conjunction with fire prescriptions, fire behavior forecasts, fire management plans, and briefings. PMS 435-2, GTR INT-131.

## **FIELD PROCEDURES FOR VERIFICATION AND ADJUSTMENT OF FIRE BEHAVIOR**

### **PREDICTIONS** (1983)

NFES 2183           \$ .39

The problem of verifying predictions of fire behavior, primarily rate of spread, is discussed in terms of the fire situation for which predictions are made, and the type of fire where data are to be collected. Procedures for collecting data and performing analysis are presented for both readily accessible fires where data should be complete, and for inaccessible fires where data are likely to be incomplete. The material is prepared for use by field units, with no requirements for special equipment or computers. Procedures for selecting the most representative fuel model, for overall evaluation of prediction capability, and for developing calibration coefficients to improve future predictions are presented. Illustrated examples from several fires are included. The material is a companion publication to the fire prediction publication titled, "How to Predict the Spread and Intensity of Forest and Range Fire." GTR INT-142, PMS 436-2.

## **FIRE BEHAVIOR FIELD REFERENCE GUIDE** (1992)

NFES 2224           \$9.30           Field Reference Guide

NFES 2231           \$1.27           ruler, 10-scale, clear plastic

NFES 2232           \$ .83           protractor, 0--360°, clear plastic

This guide is a collection of information related to calculating and predicting fire behavior. It is intended to be a reference which can be taken to the field and is not comprehensive of the related topics. The guide contains basic topics of fuels, fuel moisture, weather, slope, fire behavior predictions, and fire behavior interpretations. The two rulers listed should be ordered and added to the guide. PMS 436-4. *This guide is to be discontinued when S-490 is revised.*

## **FIRE BEHAVIOR NOMOGRAMS** (1992)

NFES 2220           \$ .20

The 13 fire behavior nomograms from the publication "How to Predict the Spread and Intensity of Forest and Range Fires" have been reprinted separately for field and classroom use. Nomogram 7 has been updated in this version. PMS 436-3.

## **FIRE BEHAVIOR SUPPLEMENT, FIRELINE HANDBOOK APPENDIX B** (1993)

NFES 2165           \$ .72

Provides basic fire behavior information that enable a person with a moderate level of fire behavior training (S-390) to predict and calculate some basic elements of fire behavior, fire size, and control force requirements. PMS 410-2.

**FIRE ENVIRONMENT CONCEPT** (1972)

NFES 2166 \$ .59

Environment has been defined as "surrounding conditions, influences, and forces that influence or modify." In applying this definition to fire, the pamphlet presents fire environment as the conditions, influences, and modifying forces that control the fire behavior. PMS 433.

**FIRE WEATHER** (1994)

NFES 2236 \$2.70 video, VHS (39:00)

Depicts fire weather basics. PMS 425-2.

**FIRE WEATHER** (1970)

NFES 1174 \$5.10

A detailed text on weather and meteorology. PMS 425-1, AG HANDBOOK 360.

**FUEL AND FIRE BEHAVIOR PREDICTION IN BIG SAGEBRUSH** (1982)

NFES 2126 \$ .27

Relationships between height of big sagebrush and crown area, fuel loading, bulk density, size distribution of foliage and stemwood, and fraction dead stemwood are presented. Based upon these relationships, modeled rate-of-spread and fireline intensity are shown for sagebrush ranging in height from 20 to 120 cm and in coverage from 10 to 40 percent. Verification of predicted fire behavior and applications are discussed. PMS 812, INT-290.

**GAINING AN UNDERSTANDING OF THE NATIONAL FIRE DANGER RATING SYSTEM** (2002)

NFES 2665 \$2.19

This guide explains the basic concepts of the National Fire Danger Rating System (NFDRS). The guide is intended for anyone in fire and resource management who needs an elementary understanding of NFDRS, including managers, operations specialists, dispatchers, firefighters, and public information specialists. PMS 932.

**HANDBOOK FOR INVENTORYING SURFACE FUELS AND BIOMASS IN THE INTERIOR WEST**

NFES 2125 \$1.07 (1982)

Presents comprehensive procedures for inventorying weight per unit area of living and dead surface vegetation, to facilitate estimation of biomass and appraisal of fuels. Provides instructions for conducting fieldwork and calculating estimates of downed woody material, forest floor litter and duff, herbaceous vegetation, shrubs, and small conifers. Procedures produce the most accurate estimates in the Interior West; however, techniques for herbs, litter, and downed woody material are applicable anywhere. Includes computer program and card punching instructions for processing inventory data. PMS 810, GTR INT-129.

**HOW TO PREDICT THE SPREAD AND INTENSITY OF FOREST AND RANGE FIRES** (1983)

NFES 1573 \$1.89

Documents the procedures for estimating the rate of forward spread, intensity, flame length, and size of fires burning in forests and rangelands. It contains instructions for obtaining fuel and weather data, calculating fire behavior, and interpreting the results for application to actual fire problems. PMS 436-1, GTR INT-143.

**MACK LAKE FIRE** (1983)

NFES 2167 \$1.22

Describes the Mack Lake Fire near Mio, Michigan. Few documented wildfires have exceeded its average spread rate (2 mi/h) and energy release rate (8,800 Btu/ft/sec). The extreme behavior resulted from high winds, low humidity, low fuel moisture, and jack pine fuels. Horizontal roll vortices may have contributed to the death of one firefighter. (This pamphlet is used as reference for fire behavior courses and forthcoming prescribed fire courses.) PMS 404, GTR NC-83.

**MEASURING FUEL MOISTURE CONTENT IN ALASKA: STANDARD METHODS AND PROCEDURES**

NFES 2127 \$ .95 (1984)

Methods and procedures are given for collecting and processing living and dead plant materials for the purpose of determining their water content. Wildland fuels in Alaska are emphasized, but the methodology is applicable elsewhere. Guides are given for determining the number of samples needed to attain a chosen precision. Detailed procedures are presented for collecting fuel samples in the field, transporting them safely, and handling them in the laboratory. General guidelines for all live fuels and specific techniques for individual species are given. PMS 813, GTR PNW-171.

**MEASURING MOISTURE CONTENT IN LIVING CHAPARRAL: A FIELD USER'S MANUAL** (1979)

NFES 2142           \$ .49

This manual standardizes procedures for determining the moisture content of living chaparral for use in a proposed statewide system of monitoring living fuel moisture. The manual includes a comprehensive examination of fuel moisture variations in California chaparral, and describes techniques for sampling these variations. Equipment needed to sample and determine living fuel moisture is discussed. Detailed procedures for collecting living fuel samples and processing the samples for moisture content are provided. GTR PSW-36, PMS 814.

**NATIONAL FIRE DANGER RATING SYSTEM REFERENCE MATERIAL** (2002)

NFES 2687           \$1.43 CD-ROM

This CD was put together to replace the 20 pounds of reference material that has been handed out at national and regional NFDRS training courses over the past 15 years. All reference materials used at the national NFDRS course and some additional information were put on this CD. PMS 933.

# Fire Equipment

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## **REVISED FIRE EQUIPMENT STORAGE AND REFURBISHING STANDARDS (2004)**

NFES 2249 \$.not available

Identifies storage and refurbishing standards for equipment and supplies used within the NFES national cache system. The standards have been established for all who maintain and refurbish wildland fire equipment. PMS 448. Note: the previous edition is available at [www.nwccg.gov/pms/pms.htm](http://www.nwccg.gov/pms/pms.htm)

## **FIRE STREAM/NOZZLE DISCHARGE & FRICTION LOSS CALCULATOR**

NFES 0897 \$4.33

Slide-rule type device that can be used to calculate water flow per type of hose and nozzle being used. (source: commercial nozzle vendors )

## **FOAM VS FIRE: publication series**

NFES 2270 \$ .33 Primer (1992)

NFES 2246 \$ .50 Class A Foam for Wildland Fires (1993)

NFES 1845 \$ .41 Aerial Applications (1995)

**Primer:** this 9-page publication covers the basics of using class A foams and discusses their adaptability to present application equipment. PMS 446-2.

**Class A Foam for Wildland Fires:** this 30-page publication explains how to get the most firefighting punch from water by converting water to class A foam. Discusses how and why foam works. Explains drain time, expansion ratio, foam type, proportioning, aspirating nozzles and compressed air foam systems. Also discusses application for direct attack, indirect attack, mop-up, structure protection, and safety considerations. Slightly revised from 1992 edition to clarify foam types descriptions, to update discussion of personal safety and environmental effects properties of approved products, and to address aerial suppression proportioning systems. PMS 446-1.

**Aerial Applications:** explains Class A foam characteristics and properties, personal safety and environmental concerns when using Class A foam, aerial application proportioning systems, and tactical application for fixed- and rotor-wing operations. PMS 446-3.

## **FOAM VS FIRE: video series, VHS**

NFES 2073 \$1.97 Introduction to Class A Foam (1989) (13:00)

NFES 2219 \$2.79 The Properties of Foam (1993) (15:00)

NFES 2245 \$2.64 Class A Foam Proportioners (1992) (24:00)

NFES 2272 \$3.10 Aspirating Nozzles (1992) (11:00)

NFES 2161 \$2.38 Compressed Air Foam Systems (1993) (20:00)

NFES 2404 \$2.49 Tactical Applications with Class A Foam (1994) (8:00)

**Introduction to Class A Foam:** a brief introduction to class A foam technology covering foam chemistry, foam generating equipment, and examples of foam application. PMS 445-1.

**The Properties of Foam:** explains how class A foam enhances the abilities of water to extinguish fire and to prevent fuel ignition. Basic foam concepts including drain time, expansion and foam type are explained. The 1993 version differs from the original 1992 video only in the way "foam types" are categorized: FROM "foam solution, fluid, dripping and dry" TO "foam solution, wet, fluid and dry." PMS 445-2.

**Class A Foam Proportioners:** explains how common foam proportioning devices, which add a measured amount of foam concentrate to a known volume of water, work. Advantages and disadvantages are presented. PMS 445-3.

**Aspirating Nozzles:** explains how aspirating nozzles make foam, the difference between low and medium expansion nozzles, and appropriate uses for each nozzle. PMS 445-4.

**Compressed Air Foam Systems:** describes equipment, including water pumps, air compressors, drive mechanisms, and nozzles used to generate compressed air foam. Presents rules of thumb for simple and reliable foam productions. Explains procedures for safe operation. Compares compressed air foam to air-aspirated foam. Presents advantages and disadvantages of the system. PMS 445-5.

**Tactical Applications with Class A Foam:** presents the objectives and techniques of applying class A foam during wildland fires. Explains 4 basic considerations for application and emphasizes techniques for direct attack, indirect attack and structure protection tactics. PMS 445-6.

## **INSTRUCTIONS FOR MARK 3 PUMP**

NFES 0871 \$ .13

Printed page of instructions for Mark 3 pump.

**LOT ACCEPTANCE, QUALITY ASSURANCE AND FIELD QUALITY CONTROL OF FIRE & RETARDANT CHEMICALS** (2000)

NFES 1245            \$1.45

This guide provides information needed for cost effectiveness and efficient management of the fire retardant chemical program. It contains direction for taking representative samples, preparing samples, and testing for specific weight, viscosity and salt content. Also covered are when and how to take corrective action and the importance of proper record keeping. PMS 444-1. Related web site: [www.fs.fed.us/rm/fire](http://www.fs.fed.us/rm/fire). The web site provides the qualified product list and information regarding aerial delivery systems.

**REVISED NATIONAL INCIDENT RADIO SUPPORT CACHE USER'S GUIDE** (2004)

NFES 0968            \$3.67

The annually revised guide contains the catalog, instructional information, and communication design drawings. [www.fs.fed.us/fire/niicd/index.html](http://www.fs.fed.us/fire/niicd/index.html)

**REVISED NWCG NATIONAL FIRE EQUIPMENT SYSTEM CATALOG PART 1: FIRE SUPPLIES AND EQUIPMENT and PART 2: PUBLICATIONS** (2004)

NFES 0362            \$4.99            Publication

NFES 0361            \$2.23            CD-ROM

A listing of all materials available through the NFES caches, primarily for active incident ordering. Revised annually. PMS 449-1 and PMS 449-2.

**SPARK ARRESTER GUIDES**

NFES 1363            \$3.70            Volume 1: General Purpose and Locomotive (2002)

NFES 2363            \$5.92            **REVISED** Volume 2: Multiposition Small Engine (2003)

Volume 1: A compilation of information, lists and illustrations of qualified general purpose and locomotive spark arrester systems and engines, including their identifying markings, design and assembly. PMS 430-1. *Next scheduled revision late 2004.*

Volume 2: A compilation of information, lists and illustrations of qualified multiposition small engine spark arrester systems and engines, including their identifying markings, design and assembly. The intent of this guide is to provide field inspectors with adequate information to determine if an engine and exhaust system combination have been tested and qualified by the San Dimas Technology and Development Center as meeting the standard for spark arresting exhaust systems. PMS 430-2.

**SPARK ARRESTERS & THE PREVENTION OF WILDLAND FIRES** (1992)

NFES 2237            \$3.02            video, VHS (70:00)

This video presents an introduction to the operation, identification and inspection of spark arresters. The video covers the use of the "Spark Arrester Guide" and "how to" field inspection techniques. The video is presented in five modules, each running 10--15 minutes, and is intended to raise the confidence level of field inspectors who are required to enforce agency fire prevention regulations. The five modules are: Introduction, General Purpose, Multiposition Small Engine, Off-road vehicle and Locomotive. PMS 430-5.

**REVISED WATER HANDLING EQUIPMENT GUIDE** (2003)

NFES 1275            \$2.25

The primary objective of the guide is to provide wildland firefighting agencies a basic information document on water handling equipment. This guide contains equipment components that are (1) commercially available or economically reproducible, (2) interagency in scope or application, and (3) currently in use. Information contained in this latest edition has been completely updated to incorporate recently developed concepts in wildland fire organization, changes in equipment, and deletion of no longer used items. Information on foam generating equipment has been placed into a separate section. Agency-developed systems or components portrayed, but not available commercially as a unit, are included to promote standardization among agencies. This document is available at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) PMS 447-1.

**WEATHER STATION HANDBOOK: AN INTERAGENCY GUIDE FOR WILDLAND MANAGERS** (1990)

NFES 1140            \$15.60            black 3-ring binder, 8½" X 11"

NFES 2140            \$3.52            paperback, 8½" X 11"

This document is a comprehensive guide for the operation of weather stations providing data for wildland resource management, despite the predominant reference to fire-weather stations. Both manually operated and automatic-type weather stations are included. Part 1 discusses basic considerations that apply to both manual and automatic weather stations. The topics include station networks, site selection standards, equipment requirements, and data management. Part 2 pertains to manual stations, with four subdivisions describing the various weather instruments, their installation, observation procedures, and maintenance. Part 3 discusses automatic weather stations, with details focused mainly on remote automatic weather stations (RAWS). Numerous figures and photographs are included for illustration and easy reference. This handbook revised the obsolete "Fire-Weather Observer's Handbook, AG Handbook 494". PMS 426-1. *Note: RAWS and related information at [www.fs.fed.us/raws](http://www.fs.fed.us/raws)*

**WILDFIRE HANDTOOLS** (1986)

NFES 2036            \$2.11    video, VHS (17:00)

This video depicts demonstrated use of the basic firefighting tools. PMS 402. *This video will be discontinued at the end of 2004.*

**WILDLAND FIRE ENGINE COMPONENT GUIDE** (1994)

NFES 1871            \$1.79

The objective of this guide is to assist wildland fire agencies in the selection of quality components for assembly into fire engines. It provides information on characteristics that should be considered to meet a wide range of wildland fire engine user requirements. Developmental flow charts show the progression of decisions that need to be made in the component selection process and show design inter-relationships. This guide is a companion publication of the Water Handling Equipment Guide. PMS 447-2.

**WILDLAND FIRE HOSE GUIDE** (1997)

NFES 1308            \$1.01

This fire hose guide will provide valuable procurement information with a potential for considerable savings, especially in the area of care and maintenance of wildland fire hose. This guide will also serve as a primer and provide training information. Understanding the basic principles of hose construction, for the different types of fire hose and the intended used, will provide essential information for the proper selection of type of fire hose for the expected performance. In addition, this fire hose guide will provide a comprehensive reference for wildland fire hose. PMS 466.

# Fire Prevention and Education

Other sources of fire prevention and education information are: [www.firewise.org](http://www.firewise.org), [www.symbols.gov](http://www.symbols.gov) and [www.nwcg.gov/teams/wfewt/biblio/index.htm](http://www.nwcg.gov/teams/wfewt/biblio/index.htm)

## **WILDFIRE PREVENTION GUIDES:** publication series of 11 guides

The guides are also available at: [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm)

NFES 2597	\$1.21	Establishing Fire Prevention Education Cooperative Programs and Partnerships (1999)
NFES 2602	\$1.44	Fire Communication and Education (1999)
NFES 2603	\$.87	Fire Education Exhibits and Displays (1999)
NFES 2598	\$2.57	Industrial Operations Fire Prevention Guide (1999)
NFES 2601	\$.81	Recreation Area Fire Prevention (1999)
NFES 1254	\$.87	Wildfire Prevention Conducting School Programs Guide (1996)
NFES 1253	\$.95	Wildfire Prevention Event Management Guide (1996)
NFES 1252	\$.87	Wildfire Prevention Marketing Guide (1996)
NFES 1877	\$.92	Wildfire Prevention and the Media (1998)
NFES 2570	\$1.04	Wildfire Prevention Patrol Guide (1998)
NFES 1572	\$1.32	Wildfire Prevention Strategies Guide (1998)

**Establishing Fire Prevention Education Cooperative Programs and Partnerships:** Provides guidance for fire management and prevention specialists to initiate and organize cooperative programs and partnerships. Units include getting organized, local fire prevention education cooperative, selecting the right programs (fire prevention assessment considerations, target audience analysis, meeting community needs, wildland fire prevention education teams), developing fire safe councils, guidelines for successful corporate partnerships, and developing corporate partnerships. Samples are included of Fire Prevention Cooperative Bylaws, Cooperative Fire Protection Agreement, and Annual Operating Plan. PMS 463

**Fire Communication and Education:** Every wildland agency employee should be knowledgeable about wildland fire. When we answer a visitor's question, work with a contractor or help a hiker locate a landmark on a map, we could be involved in the subject of wildland fire. Our response--good or bad--is often retained. At the basic level, this is nothing more than two-way communications. Fire education provides an understanding of the role of fire in natural processes. Like other programs, fire education requires planning and effort to be successful. The information in this guide, along with appropriate agency policy, provides the guidance needed to plan and conduct an effective fire education program. PMS 458.

**Fire Education Exhibits and Displays:** Exhibits have become one of our most important advertising and public information media. Participation can result in outstanding contacts. The exhibit is an up-to-date use of the oldest, most important and direct method of advertising known. It is the market place, the bazaar, and the trading post of today. This guide explores exhibit planning, techniques of exhibit design, budgets, partnerships and other considerations. PMS 459.

**Industrial Operations Fire Prevention Guide:** Industrial operations of various kinds (logging, mining, and urban development) have been an integral and important part of the economy of this country since colonial times. Large fires have been caused by operation of machinery. This has led to aggressive fire prevention programs by fire protection agencies and industry in order to reduce fire losses and save money. The beneficial results from this effort can be easily negated by a careless act or negligence. Knowledge and constant practice of fire safe activities are necessary to avoid unacceptable fire losses. The objective of this guide is to prevent uncontrolled fires, minimize loss of life, property and natural/cultural resources and the disruption of commercial operations as a result of wildfires. Units include: operating areas, fire plans, inspection and safety, maintenance, repair and servicing, explosives, motor vehicle operation and maintenance, use of fire, timber harvesting, construction and surface mining, well drilling and operating, commercial transportation and storage, product processing and handling. PMS 462

**Recreation Area Fire Prevention:** Recreation areas are designed for public enjoyment. The result is an increase in use which results in an increased potential for wildfire resulting in damage to natural resources, loss of improvements, and risk to life. To provide for adequate fire protection, planning for public and agency fire safety and loss prevention should focus on these high use areas. This guide will provide information on developing fire safe recreation areas. PMS 457.

**Wildfire Prevention Conducting School Programs Guide:** Prepares the guide user in presenting effective wildfire prevention and fire education messages to audiences ranging from preschool through sixth grade, with a basic introduction to the junior and senior high school levels. Basic presentation methods, using audiovisual aids and techniques of handling unsolicited/unplanned requests and problems are covered. This guide includes sample lesson plans and evaluations. PMS 453.

**Wildfire Prevention Event Management Guide:** Provides the necessary information to conduct a variety of special events. It has been designed to generate ideas and provide information to assist in the development of successful

wildland fire event presentations. It covers the range of subjects necessary to plan and execute effective events including audience targeting, concept development, the event planning team, pre-event planning, event logistics and timetable, promotional materials and event evaluation. PMS 452.

**Wildfire Prevention Marketing Guide:** Assists the development and execution of successful wildfire prevention and fire education programs. It describes the necessary steps and tools to develop and implement these types of programs. It addresses the questions: What is wildfire prevention marketing? How do I develop, present and implement marketing objectives and a wildfire prevention marketing plan? How do I develop partnerships? The guide includes an example of a wildfire prevention marketing plan. PMS 451.

**Wildfire Prevention and the Media:** Addresses the role of media in a fire prevention program, and provides guidance for working with the media to more effectively achieve program goals. PMS 454

**Wildfire Prevention Patrol Guide:** The increased use of our wildlands escalates the risk of fire ignitions which threaten and damage human life, homes, property and natural resources. The wildfire prevention strategies which are most effective dealing with these types of human ignitions fall within the categories of education and enforcement. For example, the most effective actions that reduce recreational campfire ignitions include posting signs at specific camping locations, educating the specific user group, and conducting highly visible patrols during periods of high fire danger. The challenge to proactively prevent unwanted loss of life, property and natural resources then becomes "Implement effective prevention patrols in high risk, hazard, and value areas during periods of increased fire danger with limited resources." This guide is designed to help you take this first step and develop the appropriate and effective patrol plan for your area. PMS 456

**Wildfire Prevention Strategies Guide:** Provides field proven strategies compiled from a survey of nationwide fire prevention technical specialists. It provides guidance for fire management and prevention specialists to easily determine which prevention actions will most effectively reduce suppression costs and mitigate damage from natural and human-caused ignitions. Information tables indicate prevention action effectiveness and degree of difficulty by individual fire cause. Sample prevention intervention methods and prevention program strategies are also provided by specific wildland fire cause. PMS 455

#### **BUILDING A FIREWISE HOME** (1997)

NFES 2533     \$2.17     video, VHS (20:04)

Provides prevention offices and those working with cooperators a video showing features that should be considered when building a home in wildland/urban interface. Encourages builders and contractors to learn more about the particular features of a home that are susceptible to ignition from a wildfire. Includes ways to improve a home's chances of survival by suggesting to homeowners the use of alternate materials and design elements and where to place the structure in a firewise location on the lot. PMS 928.

#### **DEVELOPING A COOPERATIVE APPROACH TO WILDFIRE PROTECTION** (1997)

NFES 1270     \$.nc     pamphlet  
NFES 1271     \$2.33     video, VHS (23:30)

Addressing the fire problems of the wildland/urban interface requires a community and interagency understanding of all resource management challenges associated with urban growth. This is best accomplished at the local level where problems are the most obvious and immediate. This publication and video describe a process that may be adopted for use by many agencies for a common purpose; in this case, fire protection in wildland/urban interface area. PMS 912.

#### **FIREWISE LANDSCAPING** (1993) video series, VHS

NFES 2411     \$2.07     Firewise Landscaping, Part I: Overview (13:00)  
NFES 2412     \$2.38     Firewise Landscaping, Part II: Design and Installation (16:00)  
NFES 2413     \$1.94     Firewise Landscaping III: Maintenance (10:00)  
NFES 2414     \$2.08     Firewise Landscaping III: Maintenance, Spanish (10:00)

This is a series of 3 videos depicting the basics of firewise landscape layout. Agency representatives may find this video useful when presenting wildfire prevention information, particularly to an audience living in an interface area. PMS 916.

#### **FOCUS ON WILDFIRE PREVENTION: PROFILING FOUR PROGRAMS THAT REALLY WORK** (1993)

NFES 2376     \$2.39     video, VHS (21:00)

This video profiles 4 different successful prevention programs. PMS 917.

**MAKING YOUR HOME FIREWISE** (1997)

NFES 2534 \$2.26 video, VHS (22:29)

Provides a information that a prevention officer or anyone with cooperative duties can use in presentation or basis of discussion for various local groups. Presents ideas and techniques for homeowners when constructing or modifying homes in wildland/urban interface areas. Topics include roofs, windows, eaves, and decks, with some attention given to landscaping. The on-camera host demonstrates how a simple walk around the house can give the homeowner an initial firewise assessment of the property. PMS 929.

**ONE STEP BEYOND** (1996)

NFES 2509 \$2.37 video, VHS (16:29)

This video targets wildland fire prevention officers. The video shows the steps and contacts necessary to develop an effective fire prevention plan. The video also introduces the computer-based system of fire planning and analysis. PMS 919.

**PLANNING FOR WATER SUPPLY AND DISTRIBUTION IN THE WILDLAND/URBAN INTERFACE:**

**OPERATION WATER** (1993)

NFES 2295 \$.75 pamphlet

NFES 2296 \$2.27 video, VHS (22:00)

Planning for water supply and distribution in wildland/urban interface is discussed. PMS 429-1--2.

**REVISED SMOKEY BEAR POCKET PLANNER** (2004)

NFES 2278 \$.36

Small Smokey Bear pocket calendar with courtesy lines by National Association of State Foresters and U.S. Department of the Interior.

**WILDLAND FIRE PREVENTION VIDEO NEWS RELEASES** (1997)

NFES 2518 \$.43 User's Guide

NFES 2519 \$22.40 Debris Burning in the Northeast VNR, betacam, (4:21)

NFES 2520 \$26.60 Debris Burning in the Pacific Northwest VNR, betacam, (9:00)

NFES 2521 \$22.40 Arson in the South VNR, betacam, (5:40)

NFES 2522 \$26.60 Recreation in the North VNR, betacam,(10:00)

NFES 2523 \$26.60 Recreation in the Southwest VNR, betacam, (7:09)

NFES 2524 \$26.60 Equipment Use in the Rocky Mountains VNR, betacam, (6:20)

NFES 2525 \$22.40 Wildland/Urban Interface VNR, betacam, (6:23)

PMS 920. *A video news release (VNR) is a professional quality video (betacam) intended for broadcast in a television newscast.* The wildland fire prevention VNR's include only raw footage in betacam format. The "**User's Guide**" gives instructions and examples of written news releases to accompany the VNR and ideas for supplementing the raw footage. "**Debris Burning in the Northeast VNR**" is designed to teach residents of the northeastern United States how to keep fires they start on private land to dispose of trash and leaves, clear fields and ditch banks, and improve range conditions from becoming wildfires on adjacent land. "**Debris Burning in the Pacific Northwest VNR**" is designed to teach residents of the Pacific Northwest how to keep fires they start on private land to dispose of trash and leaves, clear fields and ditch banks, and improve range conditions from becoming wildfires on adjacent public land. "**Arson in the South VNR**" is designed to teach residents of Southern states how they can help reduce arson by gathering and reporting detailed information about suspicious activities they observe on public lands. "**Recreation in the North VNR**" is designed to teach recreationists in Idaho, Montana, and North Dakota how to prevent wildfires while they are recreating on public lands. "**Recreation in the Southwest VNR**" is designed to teach recreationists in Arizona and New Mexico how to prevent wildfires while they are recreating on public lands. "**Equipment Use in the Rocky Mountains VNR**" is designed to teach residents of Colorado, Kansas, Nebraska, South Dakota, and Wyoming how to prevent wildfires while they are using chainsaws, weed eaters, lawn mowers, welders, grinders, bulldozers, off-road vehicles and other equipment that generate sparks while they are on, or adjacent to, public lands. "**Wildland/Urban Interface VNR**" is designed to teach homeowners who live in, or adjacent to, wildlands about the steps they can take to improve the chance that their home will survive a wildfire.

# Fire Training Administration

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Refer to the Field Manager's Course Guide, PMS 901-1, available at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) for in-depth descriptions of job aids, courses, and training standards. Refer to [www.nationalfiretraining.net](http://www.nationalfiretraining.net) for monthly course development status and links to course schedules.

## COURSE COORDINATOR'S GUIDE (2002)

NFES 2226     \$ .86

This guide is designed to provide administrative information to training officers, course coordinators, lead instructors and other managers presenting a training course, both NWCG-certified courses and courses that require some development. Provides general instructions for course planning, management, presentations and follow-up. PMS 907.

## REVISED NWCG NATIONAL FIRE EQUIPMENT SYSTEM CATALOG PART 2: PUBLICATIONS

NFES 3362     \$1.18     (2004)

A listing, with descriptions, of interagency courses, forms, publications and visual materials available for ordering using the NFES system and stocked at the Great Basin Cache, National Interagency Fire Center. Part 2 is available separately for those offices that don't need or are prohibited from ordering from Part 1: Fire Supplies and Equipment of the NFES Catalog. Revised annually. Also available at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) PMS 449-2.

## TRAINING COURSE COMPLETION CERTIFICATE (2002)

NFES 1272     \$3.54     package of 100 certificates

Certificate of course completion to be used for NWCG certified courses. PMS 921-1

## BINDERS

NFES 2068     \$2.81     1" binder, black, 3-ring

NFES 2375     \$3.75     2" binder, black, 3-ring

NFES 2287     \$9.27     4" binder, black, 3-ring

Black, 3-ring (slant D rings) binders that may be ordered for course use. Clear plastic cover and spine.

# Incident Finance/Administration

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## **CALL-WHEN-NEEDED HELICOPTER SERVICES CONTRACTS: MEDIUM AND HEAVYLIFT NATIONAL SERVICES, LIGHT REGIONAL SERVICES** (2002-2004)

NFES 2168 \$4.23

This is a compilation of annual Call-When-Needed (CWN) helicopter contracts compiled by the USDI Aviation Management and USDA Forest Service. This contract book lists accepted helicopter companies. This information and updates are available at [www.nifc.gov/contracting](http://www.nifc.gov/contracting). Next revision is 2005.

## **REVISED INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK** (2004)

NFES 2160 \$20.00est 3-ring binder

estimated availability 5/15/04

NFES 3139 \$3.00est paperback

Designed to aid participating agencies in working together in the business and administrative aspect of fire suppression. Describes procedures for maintenance of financial records for personnel, equipment and supplies. Relates to emergency procurement authority to support the suppression effort, cooperative agreements with other public agencies and the private sector, and claims against the US for property losses or damages and personal injury or death. PMS 902-1, NWCG Handbook #2. Also at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm). Click on "Incident Business". *Agency and geographic area annual updates are available through incident business management coordinators or on the web site.*

## **REVISED NATIONAL INTERAGENCY MOBILE FOOD SERVICES CONTRACT** (2004)

NFES 1276 \$5.00est

Written and sponsored for publication by the USDA FS Contracting Office at NIFC. Versions from previous years are obsolete. Contract-related food services forms are listed in forms section of this catalog. This document is also available at [www.nifc.gov/contracting](http://www.nifc.gov/contracting)

## **NEW NATIONAL INTERAGENCY MOBILE SHOWER FACILITIES CONTRACT** (2004)

NFES 2729 \$5.00est

Written and sponsored for publication by the USDA FS Contracting Office at NIFC. Versions from previous years are obsolete. Contract-related shower facilities forms are listed in forms section of this catalog. This document is also available at [www.nifc.gov/contracting](http://www.nifc.gov/contracting)

# Incident Organization and Management

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## **EVOLUTION OF POLICY: FROM FIRE CONTROL TO FIRE MANAGEMENT**(1997)

NFES 2436 \$2.03 video, VHS (17:43)

This video takes a generic interagency look at federal fire policy development, from the early days of land management to the present. Originally produced from a slide/tape program in 1994, the 1997 version has added a 5 minute update regarding Federal fire policy information. PMS 923.

## **FIRELINE HANDBOOK**

NFES 0065 \$3.00est Fireline Handbook (2004) **REVISED\*** *Estimated available 5/15/04*

NFES 2165 \$ .74 Appendix B: Fire Behavior Supplement (1993)

**Fireline Handbook:** a field reference guide for personnel of wildland fire agencies using the Incident Command System (ICS) in control of wildland forest and range fires. The Handbook contains information common to all agencies in the wildland fire community who utilize ICS. The objective of this handbook is to provide an interagency "nuts and bolts" pocket field guide for wildland fire suppression personnel. The handbook is organized so that fireline personnel need only carry that material which is needed to do their job on the fireline. As with all NWCG Handbooks, each agency may supplement or amend to meet agency needs. Agency supplements and amendments are obtained only through an agency's directives system and are not included in the generic handbook stocked at NIFC or the other NFES caches. NWCG HANDBOOK #3, PMS 410-1.

**Appendix B: Fire Behavior Supplement:** provides basic fire behavior information that enable a person with a moderate level of fire behavior training (S-290/S-390) to predict and calculate some basic elements of fire behavior, fire size, and control force requirements.

## **GLOSSARY OF WILDLAND FIRE TERMINOLOGY** (1996)

NFES 1832 \$1.89

The objective of this glossary is to provide the wildland fire community a single document that covers wildland fire, prescribed fire and incident management terminology used by the NWCG member agencies. NWCG is compiling a web-based glossary that may be accessed at [www.nwcg.gov/teams/pmo/products/wfglossary/content.htm](http://www.nwcg.gov/teams/pmo/products/wfglossary/content.htm) PMS 205.

## **ICS FORMS MANUAL** (1987)

NFES 1322 \$1.89

The purpose of this document is to present all ICS forms used to document actions at an incident. *Note: the document has not been updated since 1987 and does not show all current ICS forms. This document is slightly different from the ICS Forms Catalog, a reference document for the Incident Command System National Training Curriculum. If teaching or using the ICS National Training Curriculum, order the ICS Forms Catalog.* PMS 230-1.

## **ICS OPERATIONAL SYSTEM DESCRIPTION** (1996)

NFES 1355 \$ .70

The Incident Command System is the combination of facilities, equipment, personnel, procedures and communications operating within a common organizational structure, designed to aid in the management of resources at emergency incidents. It was developed through a cooperative interagency effort. The ICS is designed to be used for all kinds of emergencies and is applicable to both small day-to-day situations as well as very large and complex incidents. This publication is an operational system description of the ICS. PMS 120-1.

## **ICS POSITION MANUALS** (1982)

NFES 1987 \$ .56 Finance Section, ICS-224-1--5

NFES 1983 \$ .43 Incident Commander & Staff, ICS 220-1--4

NFES 1986 \$1.12 Logistics Section, ICS 223-1--9

NFES 1985 \$1.00 Operations Section, ICS 222-1--9

NFES 1984 \$1.29 Planning Section, ICS 221-1--10

Each manual outlines key duties and gives checklists for the positions within each section. These position manuals are under revision, unknown completion date. Note: These are not the same as the "ICS Position Descriptions and Responsibilities" listed with the ICS National Training Curriculum.

**REVISED INCIDENT RESPONSE POCKET GUIDE** (2004)

NFES 1077 \$1.55

Small, pocket-sized guide with checklists and commonly used information that may be helpful to initial attack or extended field operations. The 2004 version has changed "size up report" to "report on conditions", added references regarding communication responsibilities and leaders intent to "Operational Leadership", revised text for "Structure Assessment", "Structure Protection", and "Extended Attack Transition Analysis", changed titles from "Personal Safety" to "First Aid" and "Snag Safety" to "Hazard Tree Safety"; added a fire weather and a procedural chainsaw operations reference; deleted "ICS Engine Type" and "Law Enforcement Field" references. The "Standard Firefighting Orders" were revised per NWCG direction. PMS 461.

**REVISED INTERAGENCY STANDARDS FOR FIRE AND FIRE AVIATION OPERATIONS** (2004)

NFES 2724 \$2.70

This document states, references, or supplements policy for the Bureau of Land Management (H-9213-1), Forest Service (FSM 5108), Fish and Wildlife Service (supplements the Fire Management Handbook), and National Park Service (supplements Reference Manual 18) fire and fire aviation program management. The standards apply to these four agencies and are designed to ensure safe and efficient wildland fire, fuels, and fire aviation operations. This document is reviewed and updated annually. Also known as the "redbook". This document is available at [www.fire.blm.gov/Standards/redbook.htm](http://www.fire.blm.gov/Standards/redbook.htm)

**REVISED MILITARY USE HANDBOOK** (2004)

NFES 2175 \$3.00est

When all civilian resources are committed to national wildfire incidents, the National Interagency Coordination Center (NICC) has the authority to request regular military mobilization to augment civilian resources. The purpose of this operational handbook is to provide: 1) a compendium of material about the lessons learned from use of military assets, 2) an overview of the mobilization process, 3) check lists that can be used to ensure the effective use of military resources. This operational guide is applicable for regular military assets. It does not apply to operations conducted by National Guard Units or regular military units working under a local Memorandum of Understanding. This document is also at [www.nifc.gov/news/nicc.html](http://www.nifc.gov/news/nicc.html)

**NATIONAL INTERAGENCY INCIDENT MANAGEMENT SYSTEM TEAMWORK IN EMERGENCY MANAGEMENT** (1984)

NFES 1354 \$ .28

Brochure describing National Interagency Incident Management System (NIIMS). PMS 700-1.

**REVISED NATIONAL INTERAGENCY MOBILIZATION GUIDE** (2004)

NFES 2092 \$3.58 paperback, 5½" X 8½"

This National Interagency Coordination Center publication is updated annually. Known also as the "Mobe Guide", the publication covers most current procedures and policies to be applied during mobilization. Also at [www.nifc.gov/news/nicc.html](http://www.nifc.gov/news/nicc.html)

**REVISED RESOURCE ADVISOR'S GUIDE FOR WILDLAND FIRE** (2004)

NFES 1831 \$.86

The Resource Advisor (READ) is primarily responsible for identifying and evaluating potential impacts and benefits of fire operations (wildland or prescribed fire) on natural and cultural resources. This interagency guide provides definition of the position and suggested operational guidance. This guide is also at [www.nwccg.gov/pms/pms.htm](http://www.nwccg.gov/pms/pms.htm). PMS 313.

**RESOURCE STATUS CARD ("T" CARD) SORTER**

NFES 1352 \$14.44

Canvas, w/grommets and pockets to arrange "T" cards at an incident. 45½" x 17¼"

**STRATEGIC COMMUNICATIONS FOR WILDLAND FIRE MANAGEMENT** (1992)

NFES 2252	\$ .41	Facilitator Guide
NFES 2253	\$ .95	Discussion Guide
NFES 2254	\$ .46	Handy Reference Card and Checklist Guide
NFES 2265	\$2.70	Video 1: Communicating the Wildland Fire Message, VHS (24:00)
NFES 2266	\$2.74	Video 2: Dealing Successfully with the News Media, parts 1 & 2, VHS (2:45)
NFES 2267	\$2.60	Video 3: Improving Community Relations by Managing Expectations, VHS (3:20)

Strategic Communications for Wildland Fire Management was specifically designed to help wildland managers and spokespersons in their efforts to deal with today's media. The program is also being used to enhance Information Officer training. The video programs present proven strategies and techniques that can be used by everyone to be more effective in dealing with the press. The print materials contain additional information to enhance the points made in the videos. These print materials are designed to be used as a "ready reference" to aid in dealing with the challenges of talking with the news media and other important audiences. While the concepts presented are of special interest to full-time public information personnel, the entire program has been designed to meet the needs of a wide range of wildland fire managers and agency administrators who might find themselves in a position of making tough communications decisions, or acting as a spokesperson during a difficult situation. Designed to be used in a group workshop situation, a group facilitator needs to order each of the different components, printed and video. Each group participant will need a Discussion Guide and Handy Reference Card and Checklist Guide. PMS 915-1--7.

# Incident Qualification/Certification

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## **REVISED ICS QUALIFICATION CARD** (2004)

NFES 1528 \$4.03/PG (100 sheets/4 cards per sheet/PG)

The Qualification Card is used to identify an individual's qualified and trainee positions for wildland fire assignments and other incidents. This revised card is compatible with the Incident Qualification and Certification System (IQCS) Incident Qualification Card report. The revised cards are preprinted with the Experience Record for recording individual assignments. The opposite side is blank—the IQCS Incident Qualification Card report will print the front side of the card, including the blocks. PMS 310-4. *Note: For more information about IQCS, go to [www.fs.fed.us/fire/iqcs/](http://www.fs.fed.us/fire/iqcs/)*

## **ICS EXPERIENCE RECORD** (1994)

NFES 1519 \$21.78/BX (250 sheets/4 cards per sheet//BX)

The Experience Record is a supplemental card to the ICS Qualification Card allowing individuals who have more than 13 incident assignments a year to continue to write their experience in the proper format for data entry into IQCS. PMS 310-5.

## **NIIMS WILDLAND AND PRESCRIBED FIRE QUALIFICATION SYSTEM GUIDE** (2000)

NFES 1414 \$.98

Provides guidance to participating agencies and organizations for the establishment of standards for wildland and prescribed fire personnel. Personnel meeting the established standards are qualified for mobilization beyond their geographic area. The qualification system described in the guide is a performance-based qualification system. Components of the qualification system are: position task books (primary criteria for qualification is individual performance as observed by an evaluator using approved standards), training courses, job aids, and agency certification. Also at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) PMS 310-1.

## **NIIMS WILDLAND AND PRESCRIBED FIRE QUALIFICATION SYSTEM FLOW CHARTS** (2000)

NFES 2632 \$.64

A wall-size chart (36" x 24") showing the flow charts for all positions in the NIIMS Wildland and Prescribed Fire Qualification System Guide. PMS 308.

## **NIIMS TASK BOOKS FOR THE POSITIONS OF:**

All position task books are available at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm) Refer to the NIIMS Wildland and Prescribed Fire Qualification Guide, PMS 310-1 (also at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm)) for information regarding use of the task books. Printed Task Books are 5½" x 8½".

### **Command**

NFES 2611	\$.43	Area Commander (ACDR), PMS 311-80 (1999)
NFES 2300	\$.51	Incident Commander Type 1 (ICT1)/Type 2 (ICT2) PMS 311-01 (1999)
NFES 2301	\$.71	Incident Commander Type 3 (ICT3) PMS 311-02 (1999)
NFES 2302	\$.74	Incident Commander Type 4 (ICT4) PMS 311-03 (1999)
NFES 2612	\$.67	Incident Commander Type 5 (ICT5) PMS 311-81 (1999)
NFES 2303	\$.78	Safety Officer Type 1 (SOF1)/Type 2 (SOF2) PMS 311-04 (1999)
NFES 2613	\$.47	Safety Officer Type 3 (SOF3) PMS 311-82 (1999)
NFES 2304	\$.31	Liaison Officer (LOFR) PMS 311-05 (1999)
NFES 2305	\$1.04	Information Officer Type 1 (IOF1)/Type 2 (IOF2) PMS 311-06 (1999)
NFES 2306	\$.81	Information Officer Type 3 (IOF3) PMS 311-07 (1999)
NFES 2480	\$.62	Prescribed Fire Manager Type 1 (RXM1)/Type 2 (RXM2) PMS 311-70 (2000)
NFES 2614	\$.71	Fire Use Manager (FUMA) PMS 311-76 (2000)

NFES 2485 \$ .74 Prescribed Fire Burn Boss Type 1 (RXB1)/ Type 2 (RXB2) PMS 311-74 (1999)

### **Operations**

NFES 2309 \$1.25 Operations Section Chief Type 1 (OSC1)/Type 2 (OSC2) PMS 311-08 (1999)

NFES 2310 \$ .75 Division/Group Supervisor (DIVS) PMS 311-09 (1999)

NFES 2311 \$ .73 Task Force Leader (TFLD) PMS 311-10 (1999)

NFES 2312 \$ .67 Strike Team Leader: Crew (STCR); Engine (STEN); Dozer (STDZ); Tractor/Plow (STPL) PMS 311-11 (1999)

NFES 2317 \$1.21 Crew Representative (CREP) PMS 311-12 (1999)

NFES 2318\* \$1.29 Single Resource Boss: Crew (CRWB); Engine (ENGB); Dozer (DOZB); Tractor/Plow (TRPB); Felling (FELB); Firing (FIRB), Helicopter (HELB) PMS 311-13 (2002) \*Note: this may be revised in 2004. If so, either edition may be initiated in 2004. Revision may be available after 5/1/04.

NFES 2319\* \$ .71 Advanced Firefighter/Squad Boss (FFT1) PMS 311-14 (1999) \*Note: this may be revised in 2004. If so, either edition may be initiated in 2004. Revision may be available after 5/1/04.

NFES 2320 \$ .71 Firefighter Type 2 (FFT2) PMS 311-15 (1999)

NFES 2322 \$ .71 Staging Area Manager (STAM) PMS 311-16 (1999)

NFES 2486 \$ .47 Ignition Specialist Type 1 (RXI1)/ Type 2 (RXI2) PMS 311-75 (2000)

### **Air Operations**

NFES 2615 \$ .84 Area Command Aviation Coordinator (ACAC) PMS 311-83 (1999)

NFES 2323 \$ .78 Air Operations Branch Director (AOBD) PMS 311-17 (1999)

NFES 2324\* \$1.01 Air Tactical Group Supervisor (ATGS) PMS 311-18 (1999) \*Note: this may be revised in 2004. If so, either edition may be initiated in 2004. Revision may be available after 5/1/04.

NFES 2616 \$ .68 Helicopter Coordinator (HLCO) PMS 311-84 (1999)

NFES 2325 \$1.09 Air Support Group Supervisor (ASGS) PMS 311-19 (1999)

NFES 2327 \$ .44 Helibase Manager Type 1, four or more helicopters (HEB1)/Helibase Manager Type 2, one to three helicopters (HEB2) PMS 311-20 (1999)

NFES 2328 \$ .57 Helicopter Manager Call-When-Needed (HCWN) PMS 311-21 (2002)

NFES 2617 \$1.01 Deck Coordinator (DECK) PMS 311-85 (1999)

NFES 2618 \$ .81 Take Off and Landing Coordinator (TOLC) PMS 311-86 (1999)

NFES 2619 \$ .59 Aircraft Base Radio Operator (ABRO) PMS 311-87 (1999)

NFES 2330 \$ .52 Helicopter Crewmember (HECM) PMS 311-22 (1999)

NFES 2718 \$1.29 Single Engine Air Tanker Manager (SEMG) PMS 311-61 (2003)

**NEW**

### **Planning**

NFES 2620 \$ .32 Assistant Area Commander, Planning (ACPC) PMS 311-88 (1999)

NFES 2331	\$1.03	Planning Section Chief Type 1 (PSC1)/Type 2 (PSC2) PMS 311-23 (1999)
NFES 2333	\$ .69	Situation Unit Leader (SITL) PMS 311-24 (1999)
NFES 2334	\$ .41	Documentation Unit Leader (DOCL) PMS 311-25 (1999)
NFES 2336	\$ .70	Demobilization Unit Leader (DMOB) PMS 311-26 (1999)
NFES 2337	\$ .81	Resources Unit Leader (RESL) PMS 311-27 (1999)
NFES 2338*	\$ .61	Training Specialist (TNSP) PMS 311-28 (1999) *Note: this may be revised in 2004. If so, either edition may be initiated in 2004. Revision may be available after 5/1/2004.
NFES 2339	\$ .73	Fire Behavior Analyst (FBAN) PMS 311-29 (1999)
NFES 2340	\$ .75	Field Observer (FOBS) PMS 311-30 (2000)
NFES 2341	\$ .44	Display Processor (DPRO) PMS 311-31 (1999)
NFES 2342	\$ .59	Status/Check-in Recorder (SCKN) PMS 311-32 (1999)
NFES 2483	\$ .54	Long Term Fire Analyst (LTAN) PMS 311-73 (2000)
NFES 2481	\$ .55	Fire Effects Monitor (FEMO) PMS 311-71 (2000)

### **Logistics**

NFES 2621	\$.70	Assistant Area Commander, Logistics (ACLC) PMS 311-89 (1999)
NFES 2343	\$1.03	Logistics Section Chief Type 1 (LSC1)/Type 2 (LSC2) PMS 311-33 (1999)
NFES 2344	\$ .51	Food Unit Leader (FDUL) PMS 311-34 (1999)
NFES 2345	\$ .97	Communications Unit Leader (COML) PMS 311-35 (1999)
NFES 2628	\$.58	Incident Communications Technician (COMT) PMS 311-96 (2000)
NFES 2346	\$ .49	Facilities Unit Leader (FACL) PMS 311-36 (1999)
NFES 2347	\$ .47	Supply Unit Leader (SPUL) PMS 311-37 (1999)
NFES 2348	\$ .50	Ground Support Unit Leader (GSUL) PMS 311-38 (1999)
NFES 2349	\$ .73	Medical Unit Leader (MEDL) PMS 311-39 (1999)
NFES 2350*	\$ .81	Security Manager (SECM) PMS 311-40 (1999) *Note: this may be revised in 2004. If so, either edition may be initiated in 2004. Revision may be available after 5/1/04.
NFES 2351	\$ .69	Incident Communications Center Manager (INCM) PMS 311-41 (1999)
NFES 2642	\$ .72	Radio Operator (RADO) PMS 311-97 (2002)
NFES 2352	\$ .42	Base/Camp Manager (BCMG) PMS 311-42 (1999)
NFES 2353	\$ .41	Ordering Manager (ORDM) PMS 311-43 (1999)
NFES 2354	\$ .41	Receiving/Distribution Manager (RCDM) PMS 311-44 (1999)
NFES 2355	\$ .60	Equipment Manager (EQPM) PMS 311-45 (1999)
NFES 2622	\$.65	Fire Cache Manager (FCMG) PMS 311-90 (1999)

NFES 2623	\$1.52	Cache Demobilization Specialist (CDSP) PMS 311-91 (1999)
NFES 2624	\$1.31	Materials Handler Leader (WHLR) PMS 311-92 (1999)
NFES 2625	\$1.37	Materials Handler (WHRR) PMS 311-93 (1999)
NFES 2626	\$1.31	Supervisory Supply Clerk (CAST) PMS 311-94 (1999)
NFES 2627	\$1.24	Supply Clerk (CASC) PMS 311-95 (1999)

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**Finance/Administration**

NFES 2356	\$ .72	Finance/Administration Section Chief Type 1 (FSC1)/Type 2 (FSC2) PMS 311-46 (1999)
NFES 2357	\$ .89	Procurement Unit Leader (PROC) PMS 311-47 (1999)
NFES 2358	\$ .71	Cost Unit Leader (COST) PMS 311-48 (1999)
NFES 2359	\$ .44	Time Unit Leader (TIME) PMS 311-49 (1999)
NFES 2360	\$ .84	Compensation/Claims Unit Leader (COMP) PMS 311-50 (1999)
NFES 2364	\$ .63	Equipment Time Recorder (EQTR) PMS 311-51 (1999)
NFES 2365	\$ .82	Commissary Manager (CMSY) PMS 311-52 (1999)
NFES 2366	\$ .52	Personnel Time Recorder (PTRC) PMS 311-53 (1999)
NFES 2367	\$ .62	Compensation-for-Injury Specialist (INJR) PMS 311-54 (1999)
NFES 2368	\$ .96	Claims Specialist (CLMS) PMS 311-55 (1999)

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**Dispatch**

NFES 2371	\$ .63	Coordinator (CORD) PMS 311-56 (1999)
NFES 2372	\$ .63	Supervisory Dispatcher (EDSP) PMS 311-57 (1999)
NFES 2373	\$ .81	Support Dispatcher (EDSD) PMS 311-58 (1999)
NFES 2374	\$ .55	Dispatch Recorder (EDRC) PMS 311-59 (1999)
NFES 2640	\$ .80	Initial Attack Dispatcher (IADP) PMS 311-60 (2001)

# Prescribed Fire

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## **FIRE EFFECTS GUIDE** (1994)

NFES 2394 \$5.49

The purpose of this guide is to summarize available information on fire effects principles and processes, provide references for additional information, and provide guidelines of the collection, analysis, and evaluation of wild and prescribed fire effects data. Basic mechanisms of fire effects are described so that the reader will be able to understand and interpret fire effects literature, and evaluate observed results that conflict with those presented in published reports. The goal is to improve fire management by improving our ability to manage fire effects. The guide was written as an aid for resource managers and fire managers. It can be used for managing and evaluating wildfires; developing and implementing emergency fire rehabilitation plans; planning, monitoring, and evaluating prescribed fires; developing activity plans such as timber management plans, allotment management plans, and threatened and endangered species recovery plans; and providing fire management input for land use plans. The guide is printed looseleaf, ready to insert into any 2", 3-ring binder. PMS 481. Note: This document is also at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm). The Fire Effects Information System (FEIS) is available at: <http://www.fs.fed.us/database/feis/welcome.htm>.

## **A GUIDE FOR PRESCRIBED FIRE IN SOUTHERN FORESTS** (1989)

NFES 2108 \$1.71

In this guide, prescribed fire is defined as fire applied in a knowledgeable manner to forest fuels on a specific land area under selected weather conditions to accomplish predetermined, well-defined management objectives. Contents include: Reasons for Prescribed Fire in Forest Resource Management, Environmental Effects, Weather and Fuel Considerations, Firing Techniques, Smoke Management, Planning the Prescribed Burn, Preparing for the Prescribed Burn, Executing the Burn, Evaluating the Burn, Coordination of Burning. R8-TP-11, PMS 431-2.

## **PHOTO GUIDE FOR APPRAISING DOWNED WOODY FUELS IN MONTANA FORESTS: INTERIOR PONDEROSA PINE, PONDEROSA PINE-LARCH-DOUGLAS-FIR, LARCH-DOUGLAS-FIR, AND INTERIOR DOUGLAS-FIR COVER TYPES** (1981)

NFES 2293 \$6.97

Two series of color photographs show different levels of downed woody material resulting from natural processes in two forest cover types in Montana. Each photo is supplemented by inventory data describing the size, weight, volume, and condition of the debris pictured. A subjective evaluation of potential fire behavior under an average bad fire weather situation is given. Instructions are provided for using the photos to describe fuels and to evaluate potential fire hazard. INT 97, PMS 820.

## **PHOTO GUIDE FOR APPRAISING DOWNED WOODY FUELS IN MONTANA FORESTS: LODGEPOLE PINE, AND ENGELMANN SPRUCE-SUBALPINE FIR COVER TYPES** (1981)

NFES 2294 \$7.35

Two series of color photographs show different levels of downed woody material resulting from natural processes in two forest cover types in Montana. Each photo is supplemented by inventory data describing the size, weight, volume, and condition of the debris pictured. A subjective evaluation of potential fire behavior under an average bad fire weather situation is given. Instructions are provided for using the photos to describe fuels and to evaluate potential fire hazard. INT-98, PMS 821.

## **PHOTO SERIES FOR QUANTIFYING FOREST RESIDUES IN THE: COASTAL DOUGLAS--FIR--HEMLOCK TYPE, COASTAL DOUGLAS--FIR--HARDWOOD TYPE** (1976)

NFES 1870 \$ 5.33

Six series of photographs display different forest residue loading levels, by size classes, for areas of like timber type and cutting practice. Information with each photo includes measured weights, volumes and other residue data, information about the timber stand and harvest or thinning actions, and fuel ratings. 104-page booklet, PNW-51, PMS 819.

## **PHOTO SERIES FOR QUANTIFYING NATURAL FOREST RESIDUES IN THE SOUTHERN CASCADES, NORTHERN SIERRA NEVADA** (1981)

NFES 1872 \$14.78

A total of 56 photographs shows different levels of natural fuel loadings for selected size classes in seven forest types of the southern Cascade and northern Sierra-Nevada ranges. Data provided with each photo include size, weight, volumes, residue depths, and percent of ground coverage. Stand information includes sizes, weights, and volumes of the trees sampled for the inventory. 145-page booklet, PSW-56, PMS 818.

**REVISED      PRESCRIBED FIRE COMPLEXITY RATING SYSTEM GUIDE (2004)**

NFES 2474      \$ .50

The Prescribed Fire Complexity Rating System was developed to assist the user in determining a relative complexity of any prescribed fire project, whether management-ignited or prescribed natural fire. The system was designed for interagency applicability and provides the local prescribed fire manager with a system to include local considerations in the decision process. This guide is comparable to other agency/state/regional complexity rating systems. It is not intended to replace any other effective system. PMS 424. *Note: this document is also at [www.nwcg.gov/pms/pms.htm](http://www.nwcg.gov/pms/pms.htm)*

**REVISED      PRESCRIBED FIRE IN RESOURCE MANAGEMENT (2003)**

NFES 2100      \$2.28      video, VHS (8:00)

Video presents overall concept of prescribed fire, achievable results, and procedures. The video was revised only to re-narrate using the term “wildland fire use” (the term currently used to mean managing naturally ignited wildland fires to achieve resource benefits.) PMS 480.

**SMOKE MANAGEMENT GUIDE FOR PRESCRIBED AND WILDLAND FIRE (2001)**

NFES 1279      \$3.91

This guide has been written for practitioners of fire use and air quality managers. Included are a four-photo series of increasingly degraded visibility to demonstrate visibility levels and respective ambient particulate concentrations, photos of different fuel and vegetative classes; maps of the conterminous United States depicting forest and vegetation types, transportation systems, human population density, and Class I visibility areas; photos of operational smoke reduction techniques being applied in the field, photos illustrating the various phases of combustion in the field; and graphics illustrating the multi-dimensional aspects of smoke management meteorology and smoke dispersion. PMS 420-1.

**STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:**

NFES 2580	\$33.07	Volume I: Mixed-Conifer with Mortality, Western Juniper, Sagebrush and Grassland Types in the Interior Pacific Northwest (1998) PMS 830
NFES 2581	\$32.21	Volume II: Black Spruce and White Spruce Types in Alaska (1998) PMS 831
NFES 2668	\$33.57	Volume IIa: Hardwoods with Spruce in Alaska (2002) PMS 836
NFES 2629	\$36.82	Volume III: Lodgepole Pine, Quaking Aspen and Gambel Oak Types in the Rocky Mountains (2000) PMS 832
NFES 1084	\$27.53	Volume IV: Pinyon-Juniper, Chaparral and Sagebrush Types in the Southwestern United States (2000) PMS 833
NFES 2579	\$36.52	Volume V: Midwest Red and White Pine, Northern Tallgrass Prairie and Mixed Oak Types in the Central and Lake States (1999) PMS 834
NFES 2669	\$36.84	Volume Va: Jack Pine in the Lake States (2002) PMS 837
NFES 2630	\$30.09	Volume VI: Longleaf Pine, Pocosin, and Marshgrass Types in the Southeast United States (2000) PMS 835
NFES 1119	\$50.00est	<b>NEW</b> Volume VI a: Sand Hill, Sand Pine Scrub, and Hardwoods with White Pine Types in the Southeast United States with Supplement Sites for Volume VI (2003) PMS 838

The natural fuels photo series is designed to help land managers appraise fuel and vegetation conditions in natural settings. Each group of photos includes inventory information summarizing vegetation composition, structure and loading, and as appropriate, woody material loading and density by size class, forest floor depth and loading, and various site characteristics. Note: refer to Appendix at the end of this Catalog for information re: stereo photo series for Hawaii.

# Safety and Health

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## **AGENCY ADMINISTRATOR'S GUIDE TO CRITICAL INCIDENT MANAGEMENT** (1996)

NFES 1356 \$1.56

Steps for critical incident management. PMS 926

## **BUTTE FIRE SHELTER INCIDENT** (1986)

NFES 6093 \$.40 report

NFES 1524 \$3.21 video, VHS (33:00)

On August 29, 1985, 73 firefighters were forced into safety zones, where they took refuge in their fire shelters for 1--2 hours while a very severe crown fire burned over them. The incident took place on the Butte fire (part of Salmon Complex) on the Salmon NF, Idaho. The report is a reprint of two articles about Butte Fire Shelter incident. The video has interviews with those firefighters involved in the incident. PMS 401.

## **COMMON DENOMINATORS OF FIRE BEHAVIOR ON TRAGEDY AND NEAR-MISS FOREST FIRES**

NFES 2225 \$.29 (1996)

Booklet explains similar fire situations where firefighters were injured or killed. Intent is to prevent similar tragedies. PMS 407.

## **CRANK FIRE BURNOVER** (1987)

NFES 0940 \$3.41 video, VHS (60:00)

Depicts a burnover situation that occurred in California in August 1987. Principals are interviewed and the situation is explained. PMS 403.

## **FATIGUE AND THE FIREFIGHTER** (1989)

NFES 2071 \$1.86 video, VHS (22:00)

NFES 2072 \$.12 pamphlet

The message in this booklet and video is: Properly managing fatigue means more rested, productive people on shift and fewer accidents and injuries. Specific steps that can be taken by a manager or by a firefighter to control fatigue are discussed. PMS 306.

## **FIRST AID**

NFES 0450 \$1.06

Pamphlet on first aid procedures.

## **FITNESS AND WORK CAPACITY, 2nd edition** (1997)

NFES 1596 \$.71

Discusses fitness and the "Pack Test". PMS 304-2.

## **HEALTH HAZARDS OF SMOKE**

NFES 2557 \$.92 publication, Health Hazards of Smoke, Recommendations of the Consensus Conference April 1997 (1997)

NFES 2560 \$4.47 video, VHS, Health Hazards of Smoke (1998) (19:00)

The publication outlines the comprehensive risk management plan produced at the April 1997 conference. This document includes the papers presented at the conference and the recommendations for implementing the risk management plan. The video reviews the "Health Hazards of Smoke" project and outlines elements of the risk management plan. Publication PMS 482. Video PMS 483.

## **HEAT STRESS** (1999)

NFES 1594 \$.10

Brochure explains how to detect, treat and prevent heat stress. PMS 303-1.

## **IF A TREE FALLS** (1995)

NFES 1847 \$2.23 video, VHS (16:00)

An introduction to accident prevention from snags in wildland firefighting. The video may be used as the stimulus for individual and team awareness of snag safety, leading to specific discussions and appropriate training at the local level to reduce injuries and deaths from snags. PMS 408.

**THE NEW GENERATION FIRE SHELTER (2003)**

NFES 2710 \$ .50 The New Generation Fire Shelter, pamphlet, English  
NFES 2736 \$1.00est El Refugio de Proteccion Nueva Generacion, pamphlet, Spanish (est. avail 6/1/04)  
NFES 2711\* \$2.64 The New Generation Fire Shelter, video, VHS (26:00), English  
NFES 2712\* \$2.19 The New Generation Fire Shelter, DVD, English  
NFES 2735 \$5.00est El Refugio de Proteccion Nueva Generacion, video, VHS, Spanish (est. avail. 6/1/04)

Both the pamphlet and the video are designed to help firefighters learn how to use the new generation (M-2002) fire shelter. The M-2002 fire shelter is made of a different combination of materials and is of a different shape than the "old" shelter. The M-2002 shelter offers improved protection against radiant and convective heat. Both the video and pamphlet include information about how the new shelter works, how to deploy it, how to select a deployment site, what the entrapment experience might be like, how to train to use the new shelter, and how to inspect and care for the new shelters. \*The DVD and the video are the same program. PMS 411.

*NOTE: It is anticipated that it will take 3-5 years for all entities to have the "new shelter" The 2001 edition of "Your Fire Shelter" video and pamphlet will remain available until the transition is complete to the new shelter (listed on next page)*

**TRAINING FIRE SHELTER M-2002 WITH CASE**

NFES 2678 \$65.26

A practice only shelter. Source of supply is GSA: NSN 6930-01-499-0605. *Note: this is the new "M-2002" style.*

**NEW NWCG WILDLAND FIREFIGHTER SAFETY POSTERS (CD) (2003)**

NFES 1133 \$3.53 CD-ROM

This CD includes ten posters to help wildland firefighters do their jobs safely. The posters are included in two formats: CorelDraw (.cdr) and Illustrator (.eps). PMS 467.

**SOUTH CANYON FIRE FINAL REPORT OF THE INTERAGENCY MANAGEMENT REVIEW TEAM**

NFES 2416 \$ .nc (1995)

Final report regarding the wildland fire incident where 14 fatalities occurred on July 6, 1994 near Glenwood Springs, Colorado. PMS 712. *Discontinued when stock depleted.*

**WENATCHEE HEIGHTS BURNOVER 8/2/90 (1992)**

NFES 2228 \$2.22 video, VHS (33:00)

On August 2, 1990, Fire Chief Rick West of the Chelan County Fire District, near Wenatchee, WA, was seriously injured in a burnover on the Wenatchee Heights fire. Chief West narrates a video that discusses the events leading up to the incident and the lessons to be learned from it. Emphasis is put on the proper use of protective equipment and the importance of following the standard firefighting orders. The video graphically illustrates the effectiveness of Nomex clothing and other protective gear. PMS 406.

**WILDLAND FIRE: SAFETY ON THE FIRELINE (2002)**

NFES 2643 \$75.00 CD-ROM

An interactive CD for review, refresher training or safety meetings covering basic principles of safety for fire operations. Program is best used following training and some fireline experience. It can be used independently by one person or with groups facilitated by a qualified fire supervisor. The CD includes directions for installing and using it. Programs for work supervisors to monitor progress and performance of persons using the CD individually are available. The CD requires at least Windows 95, Pentium 166, with 32 MB of RAM, 4 MB video card, 100 MB free hard drive space, 16X CD-ROM, mouse, SVGA monitor, 24 bit 16777216 color and sound card. PMS 493.

**WORK CAPACITY TEST (2003)**

NFES 1109 \$ .64 Administrator's Guide

NFES 1111 \$1.72 CD-ROM (Administrator's Guide Presentation Overview, powerpoint)

NFES 1110\* \$5.00est video, VHS, Participants Video

The Administrator's Guide provides instructions for interagency fire managers to administer the work capacity test per the NIIMS Wildland and Prescribed Fire Qualification System. The CD-ROM contains a powerpoint presentation overview of the information contained in the Administrator's Guide. The CD-ROM may be used by an individual test administrator to reinforce information contained in the Administrator's Guide, or it may be used as an overview presentation to a group of test administrators. The video provides standardized information for those employees who will be performing the work capacity test. The video explains the three levels of physical fitness (arduous, moderate and light) and how the work capacity test is to be conducted. PMS 307. *Note: video may be available after 6/1/04.*

**YOUR FIRE SHELTER** (2001)

NFES 1570     \$ .58     Your Fire Shelter: 2001 edition, pamphlet, English  
NFES 2653     \$ .47     Su Refugio De Proteccion Edicion 2001, pamphlet, Spanish  
NFES 1568     \$2.17     video, VHS, Using Your Fire Shelter (27:20), English

Displays care and deployment of a fire shelter. Pamphlet has also been revised and is intended to be given to every firefighter. Describes how firefighters should use the fire shelter. The heavily illustrated pamphlet includes information on training, techniques to prevent entrapments, steps to take in case of an entrapment, and the care and inspection of fire shelters. PMS 409. Note: these materials depict the “old” style shelter. Both pamphlets are available at [www.nwccg.gov/pms/pms.htm](http://www.nwccg.gov/pms/pms.htm)

**PRACTICE FIRE SHELTER WITH CASE**

NFES 2407     \$41.28

A practice only shelter. Source of supply is GSA: NSN 6930-01-387-8543. *Note: this is the “old” style.*

# Suppression Skills

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## **NEW MINIMUM IMPACT SUPPRESSION TACTICS** (2003)

NFES 2708     \$3.08     video, VHS (22:00)  
PMS 467.

## **PLANNING FOR INITIAL ATTACK** (1998)

NFES 1515     \$ .30

This booklet contains reminders of the factors that affect forest fire behavior. It briefly states the important facts that should be known about weather, fire behavior, equipment, personnel, and back up forces before actually needing to use this knowledge. PMS 413-1.

## **WILDFIRE CAUSE AND DETERMINATION HANDBOOK** (1978)

NFES 1874     \$ .46

Designed to assist personnel having wildfire protection responsibilities and written for the initial attack firefighter. Emphasizes the importance of accurate fire investigative procedures. NWCG HANDBOOK #1, PMS 412-1.

## **WILDFIRE HANDTOOLS** (1986)

NFES 2036     \$2.11     video, VHS (17:00)

Demonstrated use of the basic firefighting tools. PMS 402. *Discontinued at the end of 2004.*

## **WILDLAND FIRE SUPPRESSION TACTICS REFERENCE GUIDE** (1996)

NFES 1256     \$2.71

This guide provides basic tactical information on suppressing wildland fires. It also provides information on wildland fire fuels, fire behavior, and tactics by geographic areas of the United States. The guide is intended to supplement, not substitute, wildland fire suppression training. The guide does not include nor address the constraints on firefighting imposed by environmental laws and regulations; e.g., designated wilderness areas, wilderness study areas, threatened and endangered species, cultural and archeology sites, air quality, etc. The guide can be used by the beginning firefighter to learn more about tactics or by the advanced firefighter as a review of tactics. PMS 465.



**FORMS LISTED ALPHABETICALLY**

**FORMS**

<b>NFES #</b>	<b>FORM DESCRIPTION</b>	<b>COST</b>	<b>UNIT OF ISSUE</b>
NFES 1958	Agency Provided Medical Care Authorization/Medical Report, FS 6100-16 (3/88)	\$ .nc	SE
NFES 1088	Aircraft Contract Daily Diary, OAS 137 (9/01) Std Pk: 50 SE/PD	\$4.28	PD
NFES 2657	Aircraft Dispatch Form, NIFC 9400-31 (5/02) Std Pk: 25 SE/PD	\$2.24	PD
NFES 0406	Aircraft Use Report, OAS-23 (9/91) Std Pk: 25 SE/PD	\$2.50	PD
NFES 1351	Air Operations Summary, ICS-220 (2/99) Std Pk: 100/PG	\$2.53	PG
NFES 1328	Assignment List, ICS-204 (1/99) Std Pk: 100/PG	\$2.08	PG
NFES 0405	Authorization For Examination and/or Treatment, Change unit of issue CA-16 (1/97) Std Pk: 50/PG	\$.06	SE
NFES 1335	Check-In List, ICS-211 (1/99) Std Pk: 100/PG	\$2.14	PG
NFES 1509	Check-In List, booklet, ICS-211-BS (1/99) REMARKS: A booklet of check-in forms, color-keyed by resource, 8½" x 11".	\$.47	BK
NFES 1620	Claim Compensation/Account Traumatic Injury and Attending Physicians Report, CA-7/20 (1/97) Std Pk: 50/PG	\$.60	PG
NFES 1054	Claim/Damage, AD-382	\$ .nc	PG
NFES 0936	Claim For Damage, Injury, or Death, SF-95 (7/85) 7540-00-634-4046/GSA REMARKS: previous editions not usable Std Pk: 100/PG	\$2.59	PG
NFES 0411	Commissary Accountability Record, OF-284 (9/81) Std Pk: 50/PD	\$.69	PD
NFES 0864	Commissary Issue Record, OF-287 (9/81) 7540-01-120-4063/GSA Std Pk: 100/PG	\$5.18	PG
NFES 2180	Contracted Commissary Issue Record, 284B (3/00) Std Pk: 100/PG	\$10.28	PG
NFES 1577	Crew Performance Rating, ICS-224, 3-part set (9/86) Std Pk: 100/PG	\$8.06	PG
NFES 0891	Crew Time Report, SF-261 (5/78) 7540-01-058-0222/GSA Std Pk: 50/BK	\$1.61	BK
NFES 1353	Demobilization Checkout, ICS-221 (1/99) Std Pk: 100/PG	\$2.71	PG
NFES 1863	Duty Status Report, CA-17 (1/97) Std Pk: 50/PG	\$2.17	PG
NFES 0420	Emergency Equipment Fuel and Oil Issue, OF-304 (7/90) 7540-01-317-7366/GSA Std Pk: 25/PD	\$3.06	PD
NFES 0862	Emergency Equipment Rental Agreement, OF-294 (8/90) 7540-01-121-8825/GSA Std Pk: 100/PG	\$14.12	PG
NFES 0422	Emergency Equipment Rental Use Envelope, OF-305 (7/90) 7540-01-317-7367/GSA Std Pk: 100/PG	\$23.76	PG
NFES 0872	Emergency Equipment Shift Ticket, OF-297 (7/90) 7540-01-119-5628/GSA Std Pk: 50/PD	\$2.34	PD
NFES 0863	Emergency Equipment Use Invoice, OF-286 (7/90) 7540-01-120-4062/GSA Std Pk: 100/PG	\$12.56	PG

**FORMS****FORMS LISTED ALPHABETICALLY**

<b>NFES #</b>	<b>FORM DESCRIPTION</b>	<b>COST</b>	<b>UNIT OF ISSUE</b>
NFES 0866	Emergency Firefighter Time Report, OF-288 (3/83) 7540-01-124-7633/GSA Std Pk: 100/PG	\$9.07	PG
NFES 1078	Employee Claim for Loss or Damage to Personal Property, DI-570 (7/65) Std Pk: 50/PG	\$2.77	PG
NFES 0403	Employee's Notice of Injury & Change Unit of Issue Claim For Continuation of Pay/Compensation, CA-1 (9/93) Std Pk: 50/PG	\$ .05	SE
NFES 0404	Employee's Notice of Occupational Disease, CA-2 (1/97) Change Unit of Issue Std Pk: 50/PG	\$ .08	SE
NFES 1058	Employment Eligibility Verification, I-9 (11/91) Std Pk: 100/PG	\$18.40	PG
NFES 1061	Fire Weather Special Forecast Request, D-1 (12/86) Std Pk: 100/PG	\$2.74	PG
NFES 0878	Flight Use Report, FS 6500-122 (4/01)	\$3.09	BK
NFES 1336	General Message, ICS-213 (1/79) Std Pk: 100/PG	\$4.26	PG
NFES 0924	Health Insurance Claim, HCFA-1500 with OWCP-1500 (6/92) Std Pk: 50/PG	\$ .79	PG
NFES 0530	Helicopter Hand Signals (11/89)	\$ .05	EA
NFES 1132	Helicopter Passenger Briefing, OAS-84 (4/98) Std Pk: 100/PG	\$14.41	PG
NFES 0211	Helicopter Power Check, OAS-87 (2/76) Std Pk: 50/PD	\$ 1.18	PD
NFES 0409	How to Help the Injured Employee, OPM PUBLICATION #14, SS-100 Explains administrative procedures for employee injury, what forms to complete.	\$ .90	EA
NFES 1325	Incident Briefing, ICS-201 (1/99) Std Pk: 100/PG	\$6.01	PG
NFES 1099	Incident Claims Case File Envelope, OF-314 (4/00) 7540-01-475-4308/GSA Std Pk: 100/PG	\$35.18	PG
NFES 1251	Incident Demobilization Vehicle Safety Inspection, ICS 212 (12/97) Std Pk: 100/PG	\$5.25	PG
NFES 1098	Incident Injury Case File Envelope, OF-313 (4/00) 7540-01-475-4309/GSA Std Pk: 100/PG	\$35.18	PG
NFES 1326	Incident Objectives, ICS-202 (1/99) Std Pk: 100/PG	\$2.08	PG
NFES 1576	Incident Personnel Rating, ICS-225, 3-part set (9/86) Std Pk: 100/PG	\$7.23	PG
NFES 1330	Incident Radio Communication Plan, ICS-205 (8/86) Std Pk: 100/PG	\$1.91	PG
NFES 1300	Incident Replacement Requisition, OF-315 (4/00) 7540-01-475-0708/GSA Std Pk: 100/PG	\$15.57	PG
NFES 1286	Incident Replacement Requisition, continuation, OF-315A, (4/00) 7540-01-475-0707/GSA Std Pk: 100/PG	\$15.57	PG
NFES 2221	Incident Safety Analysis (LCES), ICS-215A (11/93) Std Pk: 100/PG	\$3.34	PG
NFES 2227	Incident Safety Analysis (LCES), ICS-215A-WS, 64" x 36", laminated (11/93)	\$8.90	SH

**FORMS LISTED ALPHABETICALLY**

**FORMS**

<b>NFES #</b>	<b>FORM DESCRIPTION</b>	<b>COST</b>	<b>UNIT OF ISSUE</b>
NFES 1333 REVISED	Incident Status Summary, ICS-209 (06/03) CD-ROM (also available at <a href="http://famweb.nwcg.gov">http://famweb.nwcg.gov</a> )	\$5.00est	EA
NFES 0804	Individual Fire Report, DI-1202 (6/86) Std Pk: 50/PG	\$1.46	PG
NFES 2074	Individual Performance Rating, ICS-226, 2-part set (6/89) Std Pk: 100/PG	\$5.03	PG
NFES 1064 REVISED	Interagency Helicopter Load Calculation, OAS-67/FS-5700-17 (11/03) Std Pk: 40/PD Previous editions may be used.	\$1.74	PD
NFES 0086	Interagency Helicopter Passenger/Cargo Manifest, OF-252 (12/89) Std Pk: 50/PD	\$1.22	PD
NFES 1472	Interagency Incident Waybill, OF-316 (4/00) 7540-01-475-4307/GSA Std Pk: 100/PG	\$15.99	PG
NFES 1473	Interagency Incident Waybill, continuation, OF-316A (4/00) 7540-01-475-4306/GSA Std Pk: 100/PG	\$15.99	PG
NFES 2052	Interagency Mobile Food Services Daily Meal Order/Invoice, 1276-A (7/99) Std Pk: 30 forms/PD	\$3.50	PD
NFES 2053	Interagency Mobile Food Services Daily Meal Order/Invoice, Continuation 1276-B (7/99) Std Pk: 30 forms/PD	\$3.40	PD
NFES 0822 REVISED	Interagency Mobile Food Services Performance Evaluation, 1276-E (2004) Std Pk: 30 forms/PD	\$3.17	PD
NFES 2054	Interagency Mobile Shower Facilities Daily Shower Order/Invoice, 1276-C (7/99) Std Pk: 30 forms/PD	\$3.56	PD
NFES 2055	Interagency Mobile Shower Facilities Daily Shower Order/Invoice, Continuation 1276-D (7/99) Std Pk: 30 forms/PD	\$3.51	PD
NFES 2056 REVISED	Interagency Mobile Shower Facilities Performance Evaluation, 1276-F (2004) Std Pk: 30 forms/PD	\$3.19	PD
NFES 1331	Medical Plan, ICS-206 (8/78) Std Pk: 100/PG	\$2.02	PG
NFES 1159	Mobile Fire Weather Observer's Record, OF-251 (12/89) Std Pk: 50/PD	\$.64	PD
NFES 2600	National Mobile Commissary Services Payment Invoice, 284A (6/99) Std Pk: 100/PG	\$15.03	PG
NFES 1338	Operational Planning Worksheet, ICS-215 (9/86) Std Pk: 100/PG	\$3.68	PG
NFES 1374	Operational Planning Worksheet, ICS-215-WS (9/86), wall size, 60" x 38", laminated	\$9.93	SH
NFES 0399	Operator's Report of Motor Vehicle Accident, SF-91 (2/93) 7540-00-634-4041/GSA Std Pk: 100/PG	\$4.38	PG
NFES 1327	Organization Assignment List, ICS-203 (1/99) Std Pk: 100/PG	\$2.05	PG
NFES 1332	Organization Chart, ICS-207 (1/99) Std Pk: 100/PG	\$2.11	PG
NFES 1367	Organization Chart, ICS-207-WS (1/99), polyvinyl, 29" x 24"	\$ 1.86	SH
NFES 1289	Passenger/Cargo Manifest, SF-245 (6/77) 7540-01-033-8919/GSA Std Pk: 50/PG	\$6.27	PG
NFES 1340	Radio Frequency Assignment Worksheet, ICS-217 (1/99) Std Pk: 100/PG	\$2.40	PG

**FORMS****FORMS LISTED ALPHABETICALLY**

<b>NFES #</b>	<b>FORM DESCRIPTION</b>	<b>COST</b>	<b>UNIT OF ISSUE</b>
NFES 1591	Radio Frequency Sharing Agreement, PMS 903-1 (12/84)	\$ .14	EA
NFES 1339	Radio Requirements Worksheet, ICS-216 (3/82) Std Pk: 100/PG	\$1.99	PG
NFES 0370	Radio Station Log, 9120-1 Std Pk: 50/PD	\$2.97	PD
NFES 1178	Relative Humidity & Dew Point Table, B-O-6A (5/72) REMARKS: for elevation 6101-8500 (AK only 5701-7900)	\$ .07	EA
NFES 1179	Relative Humidity & Dew Point Table, B-O-6B (5/72) REMARKS: for elevation 3901-6100 (AK only 3601-5700)	\$ .07	EA
NFES 1182	Relative Humidity & Dew Point Table, B-O-6C (5/72) REMARKS: for elevation 1900-3900 (AK only 1700-3600)	\$ .07	EA
NFES 1185	Relative Humidity & Dew Point Table, B-O-6D (5/72) REMARKS: for elevation 501-1900 (AK only 301-1700)	\$ .07	EA
NFES 2155	Relative Humidity & Dew Point Table, B-O-6E REMARKS: for elevation 0-500 (AK only 0-300)	\$ .06	EA
NFES 2154	Relative Humidity & Dew Point Table, B-O-6F REMARKS: for elevation 8501-11000 (AK only 7901-10000)	\$ .06	EA
NFES 2153	Relative Humidity & Dew Point Table, B-O-6G REMARKS: for elevation 11001-13500 (AK only 10001-12500)	\$ .06	EA
NFES 1862	Report of Termination of Disability and/or Payment, CA-3 (6/88) Std Pk: 50/PG	\$2.94	PG
NFES 1470	Resource Order, ICS-260-1, 4-part set (7/87) Std Pk: 100/PG	\$12.67	PG
NFES 1471	Resource Order, Continuation, ICS-260-2, 4-part set (7/87) Std Pk: 100/PG	\$6.06	PG
NFES 2200	Resource Order, Aircraft, ICS-259-1, salmon (7/87) Std Pk: 100/PG	\$4.71	PG
NFES 2201	Resource Order, Aircraft, Continuation, ICS-259-2, salmon (7/87) Std Pk: 100/PG	\$4.94	PG
NFES 2202	Resource Order, Crew, ICS-259-3, green (7/87) Std Pk: 100/PG	\$4.68	PG
NFES 2203	Resource Order, Crew, Continuation, ICS-259-4, green (7/87) Std Pk: 100/PG	\$4.86	PG
NFES 2204	Resource Order, Dozer, ICS-259-5, yellow (7/87) Std Pk: 100/PG	\$3.28	PG
NFES 2205	Resource Order, Dozer, Continuation, ICS-259-6, yellow (7/87) Std Pk: 100/PG	\$2.80	PG
NFES 2206	Resource Order, Engines, ICS-259-7, pink (7/87) Std Pk: 100/PG	\$5.26	PG
NFES 2207	Resource Order, Engines, Continuation, ICS-259-8, pink (7/87) Std Pk: 100/PG	\$5.21	PG
NFES 2208	Resource Order, Equipment, ICS-259-9, buff (7/87) Std Pk: 100/PG	\$4.49	PG
NFES 2209	Resource Order, Equipment, Continuation, ICS-259-10, buff (7/87) Std Pk: 100/PG	\$4.57	PG
NFES 2211	Resource Order, Helicopter, ICS-259-11, blue (7/87) Std Pk: 100/PG	\$5.55	PG

**FORMS LISTED ALPHABETICALLY**

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<b>NFES #</b>	<b>FORM DESCRIPTION</b>	<b>COST</b>	<b>UNIT OF ISSUE</b>
NFES 2212	Resource Order, Helicopter, Continuation, ICS-259-12, blue (7/87) Std Pk: 100/PG	\$5.60	PG
NFES 2213	Resource Order, Overhead, ICS-259-13, white (7/87) Std Pk: 100/PG	\$4.48	PG
NFES 2214	Resource Order, Overhead, Continuation ICS 259-14, white (7/87) Std Pk: 100/PG	\$4.17	PG
NFES 2215	Resource Order, Supplies, ICS-259-15, tan (7/87) Std Pk: 100/PG	\$4.41	PG
NFES 2216	Resource Order, Supplies, Continuation, ICS-259-16, tan (7/87) Std Pk: 100/PG	\$4.70	PG
NFES 2098	Resource Status Card, Accountable Property Assignment Record, ICS-219-9, white (10/88) Std Pk: 100/PG	\$3.12	PG
NFES 1348	Resource Status Card, Aircraft, ICS-219-6, salmon (4/82) Std Pk: 100/PG	\$3.09	PG
NFES 1344	Resource Status Card, Crew, ICS-219-2, green (4/82) Std Pk: 100/PG	\$3.23	PG
NFES 1349	Resource Status Card, Dozers, ICS-219-7, yellow (4/82) Std Pk: 100/PG	\$3.07	PG
NFES 1350	Resource Status Card, Equipment/Task Forces, ICS-219-8, buff (4/82) Std Pk: 100/PG	\$3.24	PG
NFES 1345	Resource Status Card, Engines, ICS-219-3, pink (4/82) Std Pk: 100/PG	\$2.97	PG
NFES 1346	Resource Status Card, Helicopter, ICS-219-4, blue (4/82) Std Pk: 100/PG	\$3.16	PG
NFES 1342	Resource Status Card, Header Card, ICS-219-1, grey (2/81) Std Pk: 100/PG	\$2.06	PG
NFES 1347	Resource Status Card, Personnel, ICS-219-5, white (4/82) Std Pk: 100/PG	\$2.91	PG
NFES 2633	SAFENET, PMS 405-2 (2/02) Std Pk: 50/PG	\$18.35	PG
NFES 0400	Statement of Witness, SF-94 (2/83) 7540-00-634-4045/GSA Std Pk: 100/PG	\$3.03	PG
NFES 1334	Status Change, ICS-210 (6/83) Std Pk: 50/PD	\$1.32	PD
NFES 1341	Support Vehicle Inventory, ICS-218 (8/78) Std Pk: 100/PG	\$2.11	PG
NFES 2099	Tag, Accountable Property Transfer, white, ICS 219-9A (10/88) Std Pk: 100/PG	\$1.90	PG
NFES 0725	Tag, Warning, FS-6400-17	\$.01	EA
NFES 0816	Telephone Call Register, AD-102 Std Pk: 50/PD	\$.77	PD
NFES 1337	Unit Log, ICS-214 (5/80) Std Pk: 100/PG	\$2.43	PG
NFES 1173	Vehicle/Heavy Equipment Safety Inspection Checklist, OF-296 (4/00) 7540-01-120-0607/GSA Std Pk: 50 forms/BK	\$10.14	BK
NFES 0869	Wildland Fire Entrapment/Fatality Initial Report, PMS 405-1 (2/01) REMARKS: previous edition not usable. Std Pk: 100/PG	\$2.56	PG

# FORMS

# FORMS LISTED ALPHABETICALLY

NFES #

FORM DESCRIPTION

COST UNIT OF ISSUE

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FORM #	NFES # and FORM TITLE	COST	UNIT OF ISSUE
<b>Agriculture Department (AD) Forms</b>			
AD-102	NFES 0816 Telephone Call Register Std Pk: 50/PD	\$ .77	PD
AD-382	NFES 1054 Claim/Damage	\$.nc	PG
<b>Bureau of Land Management (BLM) Forms</b>			
BLM 9120-1	NFES 0370 Radio Station Log Std Pk: 50/PD	\$2.97	PD
<b>Compensation Act (CA) Forms</b>			
CA Forms also at <a href="http://www.fedforms.gov">www.fedforms.gov</a> (click on agency forms) or <a href="http://www.dol.gov">www.dol.gov</a>			
CA-1	NFES 0403 Employee's Notice of Injury and Claim for Continuation of Change Unit of Issue Pay/Compensation (9/93) Std Pk: 50 SETS/PG	\$.05	SE
CA-2	NFES 0404 Employee's Notice of Occupational Disease (1/97) Change Unit of Issue Std Pk: 50 SETS/PG	\$.08	SE
CA-3	NFES 1862 Report of Termination of Disability and/or Payment (6/88) Std Pk: 50/PG	\$2.94	PG
CA-7/20	NFES 1620 Claim Compensation/Account Traumatic Injury and Attending Physicians Report (1/97) Std Pk: 50/PG	\$.60	PG
CA-16	NFES 0405 Authorization for Examination and/or Treatment (1/97) Change Unit of Issue Std Pk: 50 SETS/PG	\$.06	SE
CA-17	NFES 1863 Duty Status Report (1/97) Std Pk: 50/PG	\$2.17	PG
<b>Department of the Interior (DI) Forms</b>			
DI-5A	NFES 0448 Writing pad, 3" x 5"	\$.47	PD
DI-570	NFES 1078 Employee Claim for Loss or Damage to Personal Property (7/65) Std Pk: 50/PG	\$2.77	PG
DI-1202	NFES 0804 Individual Fire Report (6/86) Std Pk: 50/PG	\$1.46	PG
<b>Forest Service (FS) Forms</b>			
FS 5700-17/OAS-67 REVISED	NFES 1064 Interagency Helicopter Load Calculation (11/03) Std Pk: 40/PD Previous editions may be used.	\$1.74	PD
FS 6100-16	NFES 1958 Agency Provided Medical Care Authorization/Medical Report (3/88)	\$.nc	SE
FS 6400-17	NFES 0725 Warning Tag	\$.01	EA
FS 6500-122	NFES 0878 Flight Use Report (4/01)	\$3.09	BK
<b>Immigration and Naturalization Services Form</b>			
I-9	NFES 1058 Employment Eligibility Verification (11/91) Std Pk: 100/PG	\$18.40	PG
<b>Incident Command System (ICS) Forms</b> (also at <a href="http://www.nwccg.gov/pms/pms.htm">www.nwccg.gov/pms/pms.htm</a> )			
ICS-201	NFES 1325 Incident Briefing (1/99) Std Pk: 100/PG	\$6.01	PG
ICS-202	NFES 1326 Incident Objectives (1/99) Std Pk: 100/PG	\$2.08	PG

# FORMS

# FORMS LISTED NUMERICALLY

FORM #	NFES # and FORM TITLE	COST	UNIT OF ISSUE
ICS-203	NFES 1327 Organization Assignment List (1/99) Std Pk: 100/PG	\$2.05	PG
ICS-204	NFES 1328 Assignment List (1/99) Std Pk: 100/PG	\$2.08	PG
ICS-205	NFES 1330 Incident Radio Communication Plan (9/86) Std Pk: 100/PG	\$1.91	PG
ICS-206	NFES 1331 Medical Plan (8/78) Std Pk: 100/PG	\$2.02	PG
ICS-207	NFES 1332 Organization Chart (1/99) Std Pk: 100/PG	\$2.11	PG
ICS-207-WS	NFES 1367 Organization Chart, polyvinyl, 29" X 24" (1/99)	\$1.86	SH
ICS-209 REVISED	NFES 1333 Incident Status Summary (6/03) CD-ROM (also available at <a href="http://famweb.nwccg.gov">http://famweb.nwccg.gov</a> )	\$5.00est	EA
ICS-210	NFES 1334 Status Change (6/83) Std Pk: 50/PD	\$1.32	PD
ICS-211	NFES 1335 Check-in List (1/99) Std Pk: 100/PG	\$2.14	PG
ICS-211-BS	NFES 1509 Check-in List, booklet (1/99) 8½" x 11" REMARKS: A booklet of check-in forms, color-keyed by resource.	\$ .47	BK
ICS-212	NFES 1251 Incident Demobilization Vehicle Safety Inspection (12/97) Std Pk: 100/PG	\$5.25	PG
ICS-213	NFES 1336 General Message (1/79) Std Pk: 100/PG	\$4.26	PG
ICS-214	NFES 1337 Unit Log (5/80) Std Pk: 100/PG	\$2.43	PG
ICS-215	NFES 1338 Operational Planning Worksheet (9/86) Std Pk: 100/PG	\$3.68	PG
ICS-215-WS	NFES 1374 Operational Planning Worksheet, (9/86) Wall Size, 60" X 38" (laminated)	\$9.93	SH
ICS-215A	NFES 2221 Incident Safety Analysis (LCES) (11/93) Std Pk: 100/PG	\$3.34	PG
ICS-215A-WS	NFES 2227 Incident Safety Analysis (LCES) (11/93) 63" X 38" (laminated)	\$8.90	SH
ICS-216	NFES 1339 Radio Requirement Worksheet (3/82) Std Pk: 100/PG	\$1.99	PG
ICS-217	NFES 1340 Radio Frequency Assignment Worksheet (1/99) Std Pk: 100/PG	\$2.40	PG
ICS-218	NFES 1341 Support Vehicle Inventory (8/78) Std Pk: 100/PG	\$2.11	PG
ICS-219-1	NFES 1342 Resource Status Card, Header Card, grey (2/81) Std Pk: 100/PG	\$2.06	PG
ICS-219-2	NFES 1344 Resource Status Card, Crew, green (4/82) Std Pk: 100/PG	\$3.23	PG
ICS-219-3	NFES 1345 Resource Status Card, Engines, pink (4/82) Std Pk: 100/PG	\$2.97	PG

**FORMS LISTED NUMERICALLY**

**FORMS**

FORM #	NFES # and FORM TITLE	COST	UNIT OF ISSUE
ICS-219-4	NFES 1346 Resource Status Card, Helicopter, blue (4/82) Std Pk: 100/PG	\$3.16	PG
ICS-219-5	NFES 1347 Resource Status Card, Personnel, white (4/82) Std Pk: 100/PG	\$2.91	PG
ICS-219-6	NFES 1348 Resource Status Card, Aircraft, salmon (4/82) Std Pk: 100/PG	\$3.09	PG
ICS-219-7	NFES 1349 Resource Status Card, Dozers, yellow (4/82) Std Pk: 100/PG	\$3.07	PG
ICS-219-8	NFES 1350 Resource Status Card, Equipment/Task Forces, buff (4/82) Std Pk: 100/PG	\$3.24	PG
ICS-219-9	NFES 2098 Resource Status Card, Accountable Property Assignment Record, white (10/88) Std Pk: 100/PG	\$3.12	PG
ICS-219-9A	NFES 2099 Tag, Accountable Property Transfer, white (10/88) Std Pk: 100/PG	\$1.90	PG
ICS-220	NFES 1351 Air Operations Summary (2/99) Std Pk: 100/PG	\$2.53	PG
ICS-221	NFES 1353 Demobilization Checkout (1/99) Std Pk: 100/PG	\$2.71	PG
ICS-224	NFES 1577 Crew Performance Rating, 3-part set (9/86) Std Pk: 100/PG	\$8.06	PG
ICS-225	NFES 1576 Incident Personnel Rating, 3-part set (9/86) Std Pk: 100/PG	\$7.23	PG
ICS-226	NFES 2074 Individual Performance Rating, 2-part set (6/89) Std Pk: 100/PG	\$5.03	PG
ICS-259-1	NFES 2200 Resource Order, Aircraft, salmon (7/87) Std Pk: 100/PG	\$4.71	PG
ICS-259-2	NFES 2201 Resource Order, Aircraft, Continuation, salmon (7/87) Std Pk: 100/PG	\$4.94	PG
ICS-259-3	NFES 2202 Resource Order, Crew, green (7/87) Std Pk: 100/PG	\$4.68	PG
ICS-259-4	NFES 2203 Resource Order, Crew, Continuation, green (7/87) Std Pk: 100/PG	\$4.86	PG
ICS-259-5	NFES 2204 Resource Order, Dozer, yellow (7/87) Std Pk: 100/PG	\$3.28	PG
ICS-259-6	NFES 2205 Resource Order, Dozer, Continuation, yellow (7/87) Std Pk: 100/PG	\$2.80	PG
ICS-259-7	NFES 2206 Resource Order, Engines, pink (7/87) Std Pk: 100/PG	\$5.26	PG
ICS-259-8	NFES 2207 Resource Order, Engines, Continuation, pink (7/87) Std Pk: 100/PG	\$5.21	PG
ICS-259-9	NFES 2208 Resource Order, Equipment, buff (7/87) Std Pk: 100/PG	\$4.49	PG
ICS-259-10	NFES 2209 Resource Order, Equipment, Continuation, buff (7/87) Std Pk: 100/PG	\$4.57	PG
ICS-259-11	NFES 2211 Resource Order, Helicopter, blue (7/87) Std Pk: 100/PG	\$5.55	PG

# FORMS

# FORMS LISTED NUMERICALLY

FORM #	NFES # and FORM TITLE	COST	UNIT OF ISSUE
ICS-259-12	NFES 2212 Resource Order, Helicopter, Continuation, blue (7/87) Std Pk: 100/PG	\$5.60	PG
ICS-259-13	NFES 2213 Resource Order, Overhead, white (7/87) Std Pk: 100/PG	\$4.48	PG
ICS-259-14	NFES 2214 Resource Order, Overhead, Continuation, white (7/87) Std Pk: 100/PG	\$4.17	PG
ICS-259-15	NFES 2215 Resource Order, Supplies, tan (7/87) Std Pk: 100/PG	\$4.41	PG
ICS-259-16	NFES 2216 Resource Order, Supplies, Continuation, tan (7/87) Std Pk: 100/PG	\$4.70	PG
ICS-260-1	NFES 1470 Resource Order, 4-part (7/87) Std Pk: 100/PG	\$12.67	PG
ICS-260-2	NFES 1471 Resource Order, Continuation, 4-part (7/87) Std Pk: 100/PG	\$6.06	PG
<b>National Incident Business Contracts Forms</b>			
284A	NFES 2600 National Mobile Commissary Services Payment Invoice (6/99) Std Pk: 100 forms/PG	\$15.03	PG
284B	NFES 2180 Contracted Commissary Issue Record (3/00) Std Pk: 100/PG	\$10.28	PG
1276-A	NFES 2052 Interagency Mobile Food Services Daily Meal Order/Invoice (7/99) Std Pk: 30 forms/PD	\$3.50	PD
1276-B	NFES 2053 Interagency Mobile Food Services Daily Meal Order/Invoice, Continuation (7/99) Std Pk: 30 forms/PD	\$3.40	PD
1276-C	NFES 2054 Interagency Mobile Shower Facilities Daily Shower Order/Invoice (7/99) Std Pk: 30 forms/PD	\$3.56	PD
1276-D	NFES 2055 Interagency Mobile Shower Facilities Daily Shower Order/Invoice, Continuation (7/99) Std Pk: 30 forms/PD	\$3.51	PD
1276-E REVISED	NFES 0822 Interagency Mobile Food Services Performance Evaluation (2004) Std Pk: 30 forms/PD	\$3.17	PD
1276-F REVISED	NFES 2056 Interagency Mobile Shower Facilities Performance Evaluation (2004) Std Pk: 30 forms/PD	\$3.19	PD
<b>National Interagency Fire Center (NIFC) Form</b>			
9400-31	NFES 2657 Aircraft Dispatch Form (5/02) Std Pk: 50 SE/PD	\$2.24	PD
<b>National Weather Service Forms</b>			
B-O-6A	NFES 1178 Relative Humidity & Dew Point Table (5/72) REMARKS: for elevation 6101-8500 (AK only 5701-7900)	\$.07	EA
B-O-6B	NFES 1179 Relative Humidity & Dew Point Table (5/72) REMARKS: for elevation 3901-6100 (AK only 3601-5700)	\$.07	EA
B-O-6C	NFES 1182 Relative Humidity & Dew Point Table (5/72) REMARKS: for elevation 1900-3900 (AK only 1700-3600)	\$.07	EA
B-O-6D	NFES 1185 Relative Humidity & Dew Point Table (5/72) REMARKS: for elevation 501-1900 (AK only 301-1700)	\$.07	EA
B-O-6E	NFES 2155 Relative Humidity & Dew Point Table REMARKS: for elevation 0-500 (AK only 0-300)	\$.06	EA

**FORMS LISTED NUMERICALLY**

**FORMS**

FORM #	NFES # and FORM TITLE	COST	UNIT OF ISSUE
B-O-6F	NFES 2154 Relative Humidity & Dew Point Table REMARKS: for elevation 8501-11000 (AK only 7901-10000)	\$ .06	EA
B-O-6G	NFES 2153 Relative Humidity & Dew Point Table REMARKS: for elevation 11001-13500 (AK only 10001-12500)	\$ .06	EA
D-1	NFES 1061 Fire Weather Special Forecast Request (12/86) Std Pk: 100/PG	\$2.74	PG
<b>Office of Aircraft Services (OAS) Forms</b>			
OAS-23	NFES 0406 Aircraft Use Report (9/91) Std Pk: 25 SE/PD	\$2.50	PD
OAS-67/FS5700-17 REVISED	NFES 1064 Interagency Helicopter Load Calculation (11/03) Std Pk: 40/PD Previous editions may be used.	\$1.74	PD
OAS-84	NFES 1132 Helicopter Passenger Briefing (4/98) Std Pk: 100/PG	\$14.41	PG
OAS-87	NFES 0211 Helicopter Power Check (2/76) Std Pk: 50/PD	\$1.18	PD
OAS-137	NFES 1088 Aircraft Contract Daily Diary (9/01) Std PkL 50 SE/PD	\$4.28	PD
<b>Optional Forms (OF)</b>			
OF-251	NFES 1159 Mobile Fire Weather's Observers Record (12/89) Std Pk: 50/PD	\$ .64	PD
OF-252	NFES 0086 Interagency Helicopter Passenger/Cargo Manifest (12/89) Std Pk: 50/PG	\$1.22	PD
OF-284	NFES 0411 Commissary Accountability Record (9/81) Std Pk: 50/PD	\$ .69	PD
OF-286	NFES 0863 Emergency Equipment Use Invoice (7/90) Std Pk: 100/PG                      7540-01-120-4062/GSA (U/I- HD)	\$12.56	PG
OF-287	NFES 0864 Commissary Issue Record (9/81) Std Pk: 100/PG                      7540-01-120-4063/GSA (U/I - HD)	\$5.18	PG
OF-288	NFES 0866 Emergency Firefighter Time Report (3/83) Std Pk: 100/PG                      7540-01-124-7633/GSA (U/I - HD)	\$9.07	PG
OF-294	NFES 0862 Emergency Equipment Rental Agreement (8/90) Std Pk: 100/PG                      7540-01-121-8825/GSA (U/I- HD)	\$14.12	PG
OF-296	NFES 1173 Vehicle/Heavy Equipment Safety Inspection Checklist (4/00) Std Pk: 50 forms/BK                      7540-01-120-0607/GSA	\$10.14	BK
OF-297	NFES 0872 Emergency Equipment Shift Ticket (7/90) Std Pk: 50/PD                      7540-01-119-5628/GSA (U/I - BK)	\$2.34	PD
OF-304	NFES 0420 Emergency Equipment Fuel and Oil Issue (7/90) Std Pk: 25/PD                      7540-01-317-7366/GSA	\$3.06	PD
OF-305	NFES 0422 Emergency Equipment Rental Use Envelope (7/90) Std Pk: 100/PG                      7540-01-317-7367/GSA	\$23.76	PG
OF-313	NFES 1098 Incident Injury Case File Envelope (4/00) Std Pk: 100/PG                      7540-01-475-4309/GSA	\$35.18	PG
OF-314	NFES 1099 Incident Claims Case File Envelope (4/00) Std Pk: 100/PG                      7540-01-475-4308/GSA	\$35.18	PG
OF-315	NFES 1300 Incident Replacement Requisition (4/00) Std Pk: 100/PG                      7540-01-475-0708/GSA	\$15.57	PG

# FORMS

# FORMS LISTED NUMERICALLY

FORM #	NFES # and FORM TITLE	COST	UNIT OF ISSUE
OF-315A	NFES 1286 Incident Replacement Requisition, continuation (4/00) Std Pk: 100/PG 7540-01-475-0707/GSA	\$15.57	PG
OF-316	NFES 1472 Interagency Incident Waybill, (4/00) Std Pk: 100/PG 7540-01-475-4307/GSA	\$15.99	PG
OF-316A	NFES 1473 Interagency Incident Waybill, continuation (4/00) Std Pk: 100/PG 7540-01-475-4306/GSA	\$15.99	PG
<b>Publication Management System (PMS) Forms</b>			
PMS 405-1	NFES 0869 Wildland Fire Entrapment/Fatality Initial Report (2/01) Std Pk: 100/PG REMARKS: previous editions not usable.	\$2.56	PG
PMS 405-2	NFES 2633 SAFENET (2/02) Std Pk: 50/PG	\$18.35	PG
PMS 903-1	NFES 1591 Radio Frequency Sharing Agreement (12/84)	\$ .14	EA
<b>Standard Forms (SF)</b>			
SF-91	NFES 0399 Operator's Report of Motor Vehicle Accident (2/93) Std Pk: 100/PG 7540-00-634-4041/GSA	\$4.38	PG
SF-94	NFES 0400 Statement of Witness (2/83) Std Pk: 100/PG 7540-00-634-4045/GSA	\$3.03	PG
SF-95	NFES 0936 Claim for Damage, Injury, or Death (7/85) REMARKS: previous editions not usable Std Pk: 100/PG 7540-00-634-4046/GSA	\$2.59	PG
SF-245	NFES 1289 Manifest, Passenger/Cargo (6/77) 7540-01-033-8919/GSA Std Pk: 50/PG	\$6.27	PG
SF-261	NFES 0891 Crew Time Report (5/78) Std Pk: 50/BK 7540-01-058-0222/GSA	\$1.61	BK
<b>Miscellaneous Forms</b>			
HCFA-1500 & OWCP-1500	NFES 0924 Health Insurance Claim, (6/92) Std Pk: 50/PG	\$ .79	PG
OPM PUB #14 SS-100	NFES 0409 How to Help the Injured Employee, Explains administrative procedures to follow when employee is injured, what forms to complete.	\$ .90	EA

# SIGNS

NFES #	SIGN DESCRIPTION	COST	UNIT OF ISSUE
NFES 0189	Sign, (blank), white tag, 14" X 11"	\$ .34	EA
NFES 2751	Sign, _____ BASE, white tag, 14" X 11"	\$ .28	EA
NFES 2765	Sign, CAUTION HELIBASE, aluminum or polyvinyl, 14" X 10"	\$2.76	EA
NFES 0543	Sign, CAUTION HELISPOT, aluminum or polyvinyl, 14" X 10"	\$1.95	EA
NFES 3168	Sign, CAUTION ROAD CLOSED, aluminum or polyvinyl, 14" X 10"	\$2.53	EA
NFES 2754	Sign, CHECK-IN, white tag, 14" X 11"	\$ .45	EA
NFES 2755	Sign, CLAIMS, white tag, 14" X 11"	\$ .38	EA
NFES 0205	Sign, COMMISSARY, white tag, 14" X 11"	\$ .42	EA
NFES 2756	Sign, COMMUNICATIONS UNIT, white tag, 14" X 11"	\$ .35	EA
NFES 2757	Sign, COMPENSATION, white tag, 14" X 11"	\$ .41	EA
NFES 2758	Sign, COST UNIT, white tag, 14" X 11"	\$ .47	EA
NFES 0931	Sign, CREW IDENTIFICATION, white tag, 14" X 11"	\$ .36	EA
NFES 0196	Sign, DANGER KEEP OUT, fiberglass or polyvinyl, 14" X 10"	\$2.30	EA
NFES 0177	Sign, DANGER NO SMOKING, fiberglass or polyvinyl, 14" X 11"	\$2.21	EA
NFES 0178	Sign, DIRECTION ARROW, white tag, 14" X 11"	\$ .30	EA
NFES 0201	Sign, DISCRIMINATION BASED ON ... IS ILLEGAL, white tag, 14" X 11"	\$ .39	EA
NFES 2759	Sign, DIVISION, white tag, 14" X 11"	\$ .40	EA
NFES 2760	Sign, DOCUMENTATION UNIT, white tag, 14" X 11"	\$ .36	EA
NFES 2761	Sign, EQUIPMENT MANAGER, white tag, 14" X 11"	\$ .49	EA
NFES 2752	Sign, FACILITIES UNIT, white tag, 14" X 11"	\$ .43	EA
NFES 2762	Sign, FINANCE, white tag, 14" X 11"	\$ .58	EA
NFES 2771	Sign, FIRST AID, fiberglass or polyvinyl, 12" X 12"	\$5.00	EA
NFES 0180	Sign, FOOD SERVICE, fiberglass or polyvinyl, 12" x 12"	\$6.28	EA
NFES 2764	Sign, GROUND SUPPORT UNIT, white tag, 14" X 11"	\$ .35	EA
NFES 0200	Sign, HUMAN RESOURCE SPECIALIST, white tag, 14" X 11"	\$ .28	EA
NFES 2766	Sign, INCIDENT COMMAND POST, white tag, 14" X 11"	\$ .47	EA
NFES 2767	Sign, INCIDENT DISPATCHER, white tag, 14" X 11"	\$ .42	EA
NFES 2768	Sign, INFORMATION OFFICER, white tag, 14" X 11"	\$ .39	EA
NFES 0190	Sign, LAUNDRY, fiberglass or polyvinyl, 12" X 12"	\$6.10	EA
NFES 2769	Sign, LIAISON OFFICER, white tag, 14" X 11"	\$ .33	EA
NFES 0181	Sign, LITTER, fiberglass or polyvinyl, 12" X 12"	\$6.08	EA
NFES 2770	Sign, LOGISTICS, white tag, 14" X 11"	\$ .43	EA
NFES 2772	Sign, MESSAGE CENTER, white tag, 14" X 11"	\$ .38	EA
NFES 0186	Sign, NO PARKING, fiberglass or polyvinyl, 14" X 10"	\$2.16	EA

# SIGNS

NFES #	SIGN DESCRIPTION	COST	UNIT OF ISSUE
NFES 0183	Sign, NONPOTABLE WATER, white tag, 14" X 11"	\$ .28	EA
NFES 0185	Sign, PARKING, fiberglass or polyvinyl, 14" X 10"	\$2.33	EA
NFES 2773	Sign, PLANNING, white tag, 14" X 11"	\$ .46	EA
NFES 0187	Sign, POTABLE WATER, white tag, 14" x 11"	\$ .41	EA
NFES 0203	Sign, PREVENTING DISCRIMINATION IS EVERYONE'S RESPONSIBILITY, white tag, 14" X 11"	\$ .36	EA
NFES 0202	Sign, PROBLEMS? SEE HUMAN RESOURCE SPECIALIST, white tag, 14"X11"	\$ .40	EA
NFES 2774	Sign, RESOURCE UNIT, white tag, 14" X 11"	\$ .31	EA
NFES 0192	Sign, RESTROOM MEN, fiberglass or polyvinyl, 12" X 12"	\$6.12	EA
NFES 0197	Sign, RESTROOM WOMEN, fiberglass or polyvinyl, 12" X 12"	\$6.12	EA
NFES 0182	Sign, RESTROOMS, fiberglass or polyvinyl, 12" X 12"	\$ 5.88	EA
NFES 0188	Sign, SAFETY FIRST, fiberglass or polyvinyl, 14" X 10"	\$5.10	EA
NFES 2775	Sign, SAFETY OFFICER, white tag, 14" X 11"	\$ .41	EA
NFES 2776	Sign, SECURITY, white tag, 14" X 11"	\$ .35	EA
NFES 0173	Sign, SHOWERS MEN, white tag, 14" X 11"	\$ .31	EA
NFES 0172	Sign, SHOWERS WOMEN, white tag, 14" X 11"	\$ .32	EA
NFES 2777	Sign, SITUATION UNIT, white tag, 14" X 11"	\$ .39	EA
NFES 0179	Sign, SLEEPING AREA, white tag, 14" X 11"	\$ .31	EA
NFES 0612	Sign, SPOT FIRE _____ FEET, white tag, 14" X 11"	\$ .36	EA
NFES 2778	Sign, STAGING AREA, white tag, 14" X 11"	\$ .47	EA
NFES 2779	Sign, SUPPLY UNIT, white tag, 14" X 11"	\$ .38	EA
NFES 2780	Sign, SUPPORT OPERATIONS, white tag, 14" X 11"	\$ .41	EA
NFES 2781	Sign, TIME RECORDER, white tag, 14" X 11"	\$ .43	EA
NFES 0198	Sign, TOOLS, white tag, 14" X 11"	\$ .37	EA

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## Appendix

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The following additional information may be of interest to the users of the 2004 NWCG NFES Publications Catalog. This information is for the convenience of the NWCG member agencies and should not be construed as an endorsement for products or services to the exclusion of others that may be suitable.

### **www.nwcg.gov**

National Wildfire Coordinating Group (NWCG)-- To find NWCG publications, click on “publications” at the top right-hand corner of the screen. Check the activities of working teams by clicking on “working teams”.

### **http://famweb.nwcg.gov**

Links to WIMS, SIT Report, 209 program, Fire Danger Pocket Cards, KC Fast.

### **www.nifc.gov**

National Interagency Fire Center (NIFC)--Links to interagency wildland fire information, each agency represented at NIFC, National Fire Plan, Joint Fire Science Program.

### **www.nifc.gov/safety\_study/index.htm**

Links to safety information, including Wildland Fire Safety Training Annual Refresher.

### **www.nationalfiretraining.net**

Wildland Fire Training --links to geographic training sites and specialists, national and geographic training course schedules (including MATS), and NWCG course development schedule (News and Information).

### **www.wildfirelessons.net**

Wildland Fire Lessons Learned Center. Links to Scratchline, wildland fire case studies.

### **www.fs.fed.us/logistics**

Information and links for Logistics Section personnel.

### **www.oas.gov**

USDI Aviation Management (Office of Aircraft Services). Includes links to aviation library and OAS-23 instructions.

### **iat.nifc.gov**

Interagency Aviation Training --hosted by the USDI Aviation Management (Office of Aircraft Services).

### **www.fire.blm.gov/aviation**

USDI Bureau of Land Management aviation information, including SEAT information

### **www.symbols.gov**

Fire Education Materials--A variety of materials for educating children and homeowners available to agencies.

### **www.firewise.org**

National Wildland/Urban Interface Fire Protection Program-- The FIREWISE home page is designed to provide wildfire protection information for fire services and homeowners.

### **www.fs.fed.us/fire/**

Links to many sites, including-- Fire Applications (software) to find link to BEHAVEPLUS, Aviation to find link to aviation library, including Interagency Airspace Coordination Guide, WFSA (Wildland Fire Situation Analysis) and Fire Use.

### **www.fed.us/fire/planning/nist**

Fire & Aviation Management Fire Applications (software) Support Home Page links to many different software programs, including FEIS, BEHAVEPLUS, FIREFAMILYPLUS, WFAS, WIMS.

**www.fs.fed.us/rm**

USDA Forest Service Rocky Mountain Research Station--search for RM, RMRS, and INT documents. There is also a list of USDA FS Research Stations and Offices providing other Forest Service documents. The volumes in "The Rainbow Series" are available electronically at this site.

**www.fs.fed.us/pnw/fera/**

USDA Forest Service, Pacific Northwest Research Station--Stereo Photo Series for Quantifying Natural Fuels: Grassland, Shrubland, Woodland, and Forest Types in Hawaii (2002), PNW GTR 545, is available from: USDA Forest Service Pacific Northwest Research Station, Seattle Forestry Sciences Lab, Fire and Environmental Research Applications, 400 N. 34th St., Suite 201, Seattle, WA 98103. 206-732-7800 (click on "photo series" for abstract and order information.)

**www.fs.fed.us/t-d/ (User name: t-d Password: t-d)**

Missoula Technology and Development Center (MTDC) This site has the approved fire chemical list: click on "Wildland Fire Chemicals". fsweb.mtdc.wo.fs.fed.us (intranet site for FS and BLM)

**fsweb.sdttdc.wo.fs.fed.us (this URL works for FS and BLM only)**

San Dimas Technology and Development Center (SDTDC), 444 East Bonita Ave., San Dimas, CA 91773. Phone: 909-599-1267. [www.fs.fed.us/eng/techdev/sdttdc.htm](http://www.fs.fed.us/eng/techdev/sdttdc.htm) (intranet site for FS and BLM)

**http://hazmat.dot.gov**

U.S. Department of Transportation Office of Hazardous Materials Safety Website

**www.fedforms.gov**

Links to many federal forms, including agency links and links to state sites.

**www.gpo.gov**

U.S. Government Printing Office--links to U.S. Government Bookstores (GPO Access, Online Bookstore).

**www.usfa.fema.gov**

U.S. Fire Administration

**www.fema.gov**

Federal Emergency Management Agency

**http://FIRESCOPE.oes.ca.gov**

FIRESCOPE (Firefighting RESources of California Organized for Potential Emergencies), OES-OCC-Firescope Document Control Unit, phone: 909-782-4174, fax: 909-782-4239-- California interagency fire publications, including the California ICS Field Operations Guide, are available.

**www.ifsta.org**

International Fire Service Training Association (IFSTA) Fire Service Program

**www.nfpa.org**

National Fire Protection Association (NFPA)

**www.nvfc.org**

National Volunteer Fire Council

**http://copartusa.com**

Copart Research and Distribution Corp. Color **t-cards** without lines, small sizes are available.