

NWCG National Fire Equipment System CATALOG PART 2: PUBLICATIONS 2009

This Part 2 of the annual catalog and supplemental catalog updates are at <http://www.nwcg.gov>

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Introduction

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

The NWCG NFES Catalog lists the items that may be ordered. The NWCG NFES Catalog is produced in two parts.

- **Part 1: Fire Supplies and Equipment** contains the list of fire supplies and equipment stocked by the National Interagency Support Caches (NISC).
- **Part 2: Publications** contains the list of national interagency publications, training courses, and reference materials. All parties may order from Part 2. All the items are stocked at/ordered from the Great Basin Cache (GBK), a Federal facility, part of the U.S. Department of the Interior (USDI), Bureau of Land Management (BLM). Part 2 is revised annually and posted at www.nwcg.gov (no longer published). A supplemental "catalog update" is revised throughout the year and posted at www.nwcg.gov to reflect new information.

All catalog items and related shipping charges are provided on a cost recovery basis by the USDI BLM. Prices are adjusted February 1 each year.

NFES numbers are assigned to identify/order all catalog items. Each item has a unique NFES number.

GBK performs an annual inventory in January, during which ONLY orders for active incidents are processed. GBK continues to process and ship all orders until the inventory begins, however, to ensure that an order is processed and shipped it must be submitted by the "ordering cut-off date" (typically mid-December). **Please call GBK Supply Office at (208) 387-5104 in early December to verify the "ordering cut-off date"**. Normal processing resumes once inventory is completed.

Ordering Procedure

Questions? Supply Office 208-387-5104

Mail/Fax orders to: **(PHONE ORDERS NOT ACCEPTED)**

USDI-BLM Great Basin Cache Supply Office

National Interagency Fire Center

3833 S. Development Avenue

Boise, ID 83705

FAX: 208-387-5573/5548

Use the order and/or credit card forms provided in this catalog or *any other forms* that contain the following **required information**:

- **Shipping Address: Do not use a P.O. Box address.**
 - Company/agency title.
 - Contact person and phone number.
- **Payment method: Do not send payment (cash, check or money order) with the order.**
 - **Credit card:**
 - **Visa, MasterCard, Discover, Amex accepted.**
 - **Invoice:**
 - Company/agency title and invoice/accounts payable address (if different from shipping address).
 - Office reference/order number (if applicable).
- **Shipping method: Best Means (2 weeks) or Overnight (48 hours).**
 - Shipping is **FOB Origin** (shipping charges are in addition to order cost).
 - Shipping charges are "cost-recovery". The cost to ship to the destination is the exact shipping charge billed.
 - GBK may provide a "rough" estimate for shipping costs prior to processing an order; however, it would be a courtesy only and not an oral contract or obligation for actual charges.
- **Item Information:**
 - **NFES (item) number.**
 - **Brief item description/title.**
 - **Quantity ordered & unit of issue:** The unit of issue in this catalog is each (EA) or package (PG) unless otherwise stated.

Credit Card Procedure

Questions? Supply Office 208-387-5104

- All ordering units may use credit cards.
- Federal agencies, private individuals, university/college bookstore contractors, and military units must use credit cards. Orders from these groups are not processed without credit card information.
- *For privacy and security, credit card information needs to be separate from the order form.* Refer to the credit card form provided in this catalog.
- 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. Please see "Comments" on the "issue"/packing slip.
- The cardholder signature authorizing the purchase is required; therefore, GBK cannot take credit card information over the telephone. This information must be faxed or mailed with the order.
- If the credit card account is declined by the bank for any reason, GBK Supply Office will contact the cardholder by telephone. The cardholder will have three days to respond and/or resolve the issue. If after three days the matter has not been resolved, the order will be subject to cancellation and the items would then have to be reordered.

Invoice Procedure

Questions? Billing/Collection 208-387-5521

- Contact the purchasing office of your agency/unit for office reference/order number verification if necessary.
- A *USDI BLM Bill for Collection* is sent within 21 days of order receipt. Payment is due within 30 days of bill date. Payment may be made by check, money order, or credit card. Backup documentation is provided for reference and itemization purposes.
- The cost of the items ordered and the shipping charge(s) will appear on the bill.
- GBK reserves the right to refuse orders from any agency/unit with past due balances over 90 days old until payment has been received in full. Submission of an order to GBK is an agreement to pay for all costs incurred by the USDI BLM to provide these materials. These costs include any and all shipping charges regardless of whether such costs were included on the original ordering/purchasing document. It is the responsibility of the person ordering the materials to assure that all requirements have been met for their payment offices. Credit cards may become mandatory for any agency/unit that is found to be consistently difficult to collect from.
- GBK is not responsible for the validity of any order received.

Shipment Receipt Procedure

Questions? Supply Office 208-387-5104

- Items are shipped with an "issue"/packing slip. Immediately verify that all items listed on the computer "issue"/packing slip are enclosed.
- Note the "Comments" area on the "issue"/packing slip for information about back-orders, items not carried, discontinued items, or any other specific information about your order. If there are questions once you receive the order, please refer to the "issue number" when calling GBK Supply Office.

Return Procedure

Questions? Supply Office 208-387-5104

- Please refer to the "issue number" in your correspondence when returning items. Items ordered from Part 2 of the catalog may be returned for credit within 30 days of receipt **ONLY** if they have not been used and are still a viable item stocked by GBK. Discontinued or obsolete items will not be credited.
- Returned items on credit cards will be credited to the credit card originally charged.
- Credit for returned items on invoiced orders will be applied to a subsequent order whenever possible within the current year. If no subsequent order or a specific request for credit received, a refund check will be issued by U.S. Treasury. This action is avoided due to the cost that reverts back to the Federal Government.

Evaluation

If you have comments or suggestions that would benefit the overall distribution program, mail the comments to: Great Basin Cache Manager, National Interagency Fire Center, 3833 S. Development Avenue, Boise, Idaho 83705.

Mail or fax this suggested order format or your own form to: USDI-BLM Great Basin Cache Supply Office @ National Interagency Fire Center, 3833 S. Development Ave., Boise, ID 83705. FAX: 208-387-5573.

DATE:

SHIPPING ADDRESS: The order will not be processed if address incomplete/or PO Box given.

Company/Agency Title: (required)

Shipping Address: (NO P.O. Box)

Business

Residential

City, State, Zip:

CONTACT PERSON _____ PHONE _____

SHIPPING CHOICE: choose one

Shipping is FOB Origin: shipping charges are the responsibility of the office ordering the materials.

OVERNIGHT (FEDERAL EXPRESS) Requested date for overnight delivery _____
Overnight shipments sent within 48 hours upon receipt of order. Contact person and phone number required.

BEST MEANS *Most economical method; normally sent within 2 weeks upon receipt of order.*
 If less than 200 pounds: FEDEXGround; if more than 200 pounds: ground freight

PAYMENT CHOICE: choose one

CREDIT CARD

Type of credit card: VISA DISCOVER MASTERCARD AMERICAN EXPRESS

Do not write credit card information on this or any order form. Send credit card form with your order form. To secure credit card information, the credit card form is retained separately from the order.

INVOICE

If applicable, your office reference number/order number:

INVOICE ADDRESS (PO Box/mailling address)

Company/Agency Title of the party responsible for payment (required):

Mailing Address:

City, State, Zip:

I authorize this order for materials. I understand that the submission of this order constitutes an agreement that I (customer) will make payment for the items ordered and the associated shipping charges.

AUTHORIZED BY (signature)

	NFES	ITEM DESCRIPTION	QUANTITY	PRICE	TOTAL
1					
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4					
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6					

Suggested Ordering Format Continuation Page

page 2 of Your Office Reference Number/Order Number (if applicable):

	NFES	ITEM DESCRIPTION	QUANTITY	PRICE	TOTAL
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Suggested Ordering Format Continuation Page

page 3 of Your Office Reference Number/Order Number (if applicable):

	NFES	ITEM DESCRIPTION	QUANTITY	PRICE	TOTAL
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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 the copy of your order. **DO NOT PUT CREDIT CARD INFORMATION ON YOUR ORDER FORM.** Mail or fax the order and this page to the Great Basin Cache Supply Office. The Great Basin Cache requires the use of Visa / MasterCard / Discover / Amex for all orders placed by federal agencies, private individuals, university/college bookstores, and military organizations ordering from the Part 2: Publication Catalog. Orders received from these groups without the credit card information will not be processed. If you have any questions please call the Great Basin Cache Supply Office at (208)387-5104. **PLEASE 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.**

Information collected from this form may be subject to the requirements of the Privacy Act (5 U.S.C. 552a). This form is used solely as a method of payment for goods and/or services provided to federal agencies, businesses, and private individuals by the Bureau of Land Management at the National Interagency Fire Center. The information collected will be stored in a secure location with access limited to those employees designated as Collection Officers. Any information that we collect may be subject to disclosure, but will be handled in accordance with the requirements of the Privacy Act and the Freedom of Information Act to ensure the greatest protection of personal privacy in the face of any required disclosure. Except as might be required by law, we do not share any information we receive with outside parties.

DATE: _____

CARD HOLDER NAME (please print)

ADDRESS

CITY / STATE / ZIP CODE

TELEPHONE #

American Express ()
DISCOVER ()
VISA ()
MASTERCARD ()

CREDIT CARD NUMBER

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EXPIRATION DATE (MO/YR)

CARD HOLDER SIGNATURE (REQUIRED)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

FOR NIFC FINANCE USE ONLY

NIFC 1372-2 (February 2006)

Reference Materials

The items in this section are “stand-alone” references that are printed or reproduced. NWCG courses are listed in the “course” section of this catalog. Forms and signs are listed in the “form” section of this catalog.

Items in this section are listed alphabetically by title. The publication date is in parenthesis, the NFES number (ordering number), the publication reference designation, and a *brief* description (that includes the URL if the document is posted on the internet) is provided.

To long-time users of this catalog: the old “subject categories” in this reference section were eliminated. Since this “part 2” of the catalog is provided electronically via www.nwcg.gov, it is easier to find items when there are fewer pages, fewer categories, and a more compact edition. Using a computer “find” or “search” function may help facilitate finding an item.

NWCG has the expectation and intent of making all information available electronically through the internet. Physical (hard copies) copies will only be distributed when electronic distribution/accessibility is inappropriate or not feasible. If an item is not listed in this catalog, please check the internet. The appendix of this catalog has some frequently used URLs.

AIRCRAFT IDENTIFICATION GUIDE (1994)

NFES 2393 \$.70

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. PMS 441

ATMOSPHERIC CONDITIONS RELATED TO BLOWUP FIRES (1954)

NFES 2239 \$.52

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. USDA Southeastern Forest Experiment Station Paper No. 35, PMS 815. *Note: This document will be discontinued when stock depleted or at the end of 2009. This document is on the National Fire Danger Rating System Reference Material CD.*

BASIC AVIATION SAFETY GUIDE (1997)

NFES 2097 \$.56

A USDI OAS (now AMD) sponsored publication, 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.

BASIC LAND NAVIGATION (2007)

NFES 2865 \$1.93

Provides basic map and orientation information. Posted at <http://www.nwcg.gov/pms/pubs/pubs.htm> PMS 475. *Note: This document replaced the S-244/S-245 pre-course "Map and Compass for Firefighters".*

BINDERS

NFES 2068 \$2.41 1" binder, black, 3-ring

NFES 2375 \$3.24 2" binder, black, 3-ring

Black, 3-ring (slant D rings) binders. Clear plastic cover and spine.

COMMON DENOMINATORS OF FIRE BEHAVIOR ON TRAGEDY AND NEAR-MISS FOREST FIRES

NFES 2225 \$.22 (1996)

Booklet explains similar fire situations where firefighters were injured or killed. Intent is to prevent similar tragedies. PMS 407 *Note: This publication will be discontinued when out of stock.*

DEPARTMENT OF TRANSPORTATION (DOT) HAZARDOUS MATERIALS PUBLICATIONS

NFES 2147 \$.15 DOT Chart 13 Hazardous Materials Marking, Labeling, Placarding

NFES 2150 \$1.25 DOT Emergency Response Guidebook (2008)

May be ordered from: <http://bookstore.gpo.gov/actions/GetPublication?stocknumber=050-000-00587-9> or any official DOT commercial supplier listed at <http://hazmat.dot.gov/pubs/erg/gydebook.htm> . The publication is posted at <http://hazmat.dot.gov>

ESTABLISHING FIRE PREVENTION EDUCATION COOPERATIVE PROGRAMS AND PARTNERSHIPS (1999)

NFES 2597 \$1.49

Provides guidance for fire management and prevention specialists to initiate and organize cooperative programs and partnerships. PMS 463. Posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>

FIELD PROCEDURES FOR VERIFICATION AND ADJUSTMENT OF FIRE BEHAVIOR

PREDICTIONS (1983)

NFES 2183 \$.39

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. *Note: This document will be discontinued when stock depleted or at the end of 2009. This document is on the National Fire Danger Rating System Reference Material CD.*

FIRE BEHAVIOR NOMOGRAMS (1992)

NFES 2220 \$.30

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 COMMUNICATION AND EDUCATION (1999)

NFES 2602 \$2.41

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. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

FIRE EDUCATION EXHIBITS AND DISPLAYS (1999)

NFES 2603 \$1.11

Explores exhibit-planning, techniques of exhibit design, budgets, partnerships, and other considerations. PMS 459. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

FIRE EFFECTS GUIDE (1994)

NFES 2394 \$6.26

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. The guide is printed loose-leaf, ready to insert into any 2", 3-ring binder. PMS 481. Posted at <http://www.nwccg.gov/pms/RxFire/rxfire.htm>. *The Fire Effects Information System (FEIS) is at <http://www.fs.fed.us/database/feis/>*

FIRE PREVENTION EDUCATION TEAM LEADER GUIDE (2007)

NFES 2979 \$1.82

PMS 474. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

FIRE STREAM/NOZZLE DISCHARGE & FRICTION LOSS CALCULATOR

NFES 0897 \$6.79

Slide-rule type device to calculate water flow per type of hose and nozzle being used (source: commercial nozzle vendor) Note: Related friction loss/hydraulic information: USDA Forest Service "Tech Tip" titled "Friction Loss in Wildland Hose Lays, #0651 1309P" posted at http://www.fs.fed.us/t-d/php/library_card.php?p_num=0651%201309P (password and user name are "t-d")

FIRE WEATHER (1994)

NFES 2236 \$3.28 video, VHS (39:00)

Depicts fire weather basics. PMS 425-2. *Note: This video will be discontinued when stock depleted or at the end of 2009.*

FIRELINE HANDBOOK (2004)

NFES 0065 \$3.26

A field reference guide that contains information common to wildland fire agencies using the Incident Command System (ICS) in control of wildland forest and range fires. NWCCG Handbook #3, PMS 410-1. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm> Note: This document may be revised 2010, Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding availability late 2009.

FIRELINE HANDBOOK APPENDIX B: FIRE BEHAVIOR (2006)

NFES 2165 \$1.73

Provides basic fire behavior information that enables a person with a moderate level of fire behavior training to predict and calculate some basic elements of fire behavior, fire size, and control force requirements. PMS-410-2. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

FIRST AID

NFES 0450 \$1.06 Pamphlet on first aid procedures.

FITNESS AND WORK CAPACITY, 2nd edition (1997)

NFES 1596 \$1.30 Discusses fitness and the "Pack Test". PMS 304-2 Posted at http://www.fs.fed.us/t-d/php/library_card.php?p_num=9751%202814 (user name and password is t-d)

revised FIVE STEPS TO A SAFE FLIGHT (2006)

NFES 1399 \$7.12/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. AMD-103/FS 5700-16 (10/06) or OAS-103/FS5700-16 (4/97). *Note: Changing from OAS-67 to AMD-67 through attrition.*

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

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

This video profiles four different successful prevention programs. PMS 917. *Note: This video will be discontinued when out of stock or at the end of 2009, whichever occurs first.*

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

NFES 2665 \$2.71

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 *Note: this document is on the National Fire Danger Rating System Reference Material CD and is posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>. Related information: NFDRS Pocket Cards is at <http://fam.nwcg.gov/fam-web/pocketcards/default.htm>*

GIS STANDARD OPERATING PROCEDURES ON INCIDENTS (2006)

NFES 2809 \$3.16

Standard operating procedures (SOPs) are necessary for clarifying the Geographic Information System (GIS) business needs and functional standards for GIS in support of wildland fire incidents, including wildland fire use. The SOPs provide consistency in information delivery of GIS products and services. These SOPs focus on the GIS work performed by GIS Specialists to fulfill the GIS needs of the Planning Section of the Incident Management Teams. The SOPs may be useful for other types of events, such as all-risk incidents. Posted at <http://gis.nwcg.gov> PMS 936

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. PMS 482, 483 *Note: Both items will be discontinued when out of stock or the end of 2009, whichever occurs first.*

HEAT STRESS (1999)

NFES 1594 \$.13

Brochure explains how to detect, treat, and prevent heat stress. PMS 303-1.

HELICOPTER HAND SIGNALS (11/89)

NFES 0530 \$.07 5½" x 8½"

ICS OPERATIONAL SYSTEM DESCRIPTION (1996)

NFES 1355 \$.92

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. This publication is an operational system description of the ICS. PMS 120-1.

IF A TREE FALLS (1995)

NFES 1847 \$2.23 video, VHS (16:00)

An introduction to preventing accidents from snags in wildland firefighting, the video may be used as the stimulus for awareness of snag safety, leading to specific discussions and appropriate training at the local level to reduce injuries and deaths from snags. PMS 408

INCIDENT COMMANDER'S ORGANIZER (2007)

NFES 2906 \$3.49

Small booklet with blank forms for note-taking on an incident. PMS 206.

INCIDENT RESPONSE POCKET GUIDE (2006)

NFES 1077 \$1.28

Small pocket-sized guide with checklists and commonly used information that is helpful to initial attack or extended attack incident operations. The 2006 version changes: placed a Heliclock graphic on the cover to assist ground personnel communication with helicopter pilots; revised the safety reference for Power Line Safety at Wildland Fires; revised the reference for After Action Reviews; added a reference for Effective Use of SEATs; added a guide for Spot Weather Requests; added a reference for the Keetch-Byrum Index; added a reference on Human Factors and Decision-making; updated the Helicopter Passenger Briefing to match the IHOG; updated various first aid protocols; updated references for Hazard Trees and Falling Operations. Posted at www.nwcg.gov/pms/pubs/pubs.htm. PMS 461. *Note: This document may be revised 2010; refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding status late 2009.*

INDUSTRIAL OPERATIONS FIRE PREVENTION GUIDE (1999)

NFES 2598 \$2.13

Discusses industrial operations of various kinds (logging, mining, and urban development and how to prevent uncontrolled fires, minimize loss of life, property and natural/cultural resources and the disruption of commercial operations as a result of wildfires. PMS 462. Posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>

INSTRUCTIONS FOR MARK III PUMP

NFES 0871 \$.12

Note: For in-depth instructions, go to www.wildfire-equipment.com

revised INTERAGENCY AERIAL IGNITION GUIDE (may be available in 2009)

NFES 1080 \$not.available

Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability.

new INTERAGENCY AERIAL SUPERVISION GUIDE (may be available in 2009)

NFES 2544 \$not.available

Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability.

revised INTERAGENCY AIRTANKER BASE DIRECTORY (2009)

NFES 2537 \$2.37

The directory, revised and published annually, is intended to aid wildland fire managers, pilots, and contractors who use airtanker bases. Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability.

INTERAGENCY AIRTANKER BASE OPERATIONS GUIDE (2007)

NFES 2271 \$3.13

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. Posted at http://www.fs.fed.us/fire/aviation/av_library/iabog/iabog.pdf

INTERAGENCY AVIATION MISHAP RESPONSE GUIDE AND CHECKLIST (2006)

NFES 2659 \$7.16

This is a generic aircraft mishap response plan, providing the minimum essential elements that apply to most aviation mishaps. Designed as a flip chart, 8 ½" x 11". Posted at <http://amd.nbc.gov/safety/library.htm>. Note: possible revision 2009: refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability.

revised INTERAGENCY AVIATION TECHNICAL ASSISTANCE DIRECTORY (2009)

NFES 2512 \$.47

This annual publication contains names, addresses, and phone numbers of aviation representatives for all federal wildland fire agencies. Posted at <http://amd.nbc.gov/library/handbooks.htm> or <http://www.blm.gov/nifc/st/en/prog/fire/Aviation/avllibrary.html> Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability.

INTERAGENCY AVIATION TRANSPORT OF HAZARDOUS MATERIALS (2005)

NFES 1068 \$.82

This document, as authorized in 350 DM 2 and FSM 5700, establishes the Department of the Interior (DOI) and USDA-Forest Service (FS) 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 operational control of the DOI or FS. This document is also available at <http://amd.nbc.gov/safety/library.htm>.

revised INTERAGENCY AVIATION USER POCKET GUIDE (2008)

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, 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. This document is posted at <http://amd.nbc.gov/library/handbooks.htm>.

INTERAGENCY HELICOPTER OPERATIONS GUIDE (IHOG) (2006)

NFES 1885 \$13.05 IHOG (7½" by 8½", with tab dividers, white binder)

NFES 1878 \$.86 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. NFES 1878 contains forms referred to in the IHOG, but printed in 8½" x 11" format so they may be copied per local need. Both publications are posted at <http://www.nifc.gov/ihog/>. Note: this document may be revised mid-year 2009. Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability.

INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK (2008)

NFES 2160 \$10.32 3-ring binder

Designed to aid participating agencies in working together in the business and administrative aspect of emergency incidents, primarily fire suppression. Describes procedures for maintenance of financial records for personnel, equipment and supplies. PMS 902-1, NWCG Handbook #2. Posted at <http://www.nwcg.gov/teams/ibpwt/index.htm>. Note: Agency and geographic area updates are available on the internet site.

revised INTERAGENCY SINGLE ENGINE AIRTANKER OPERATIONS GUIDE (ISOG) (2009)

NFES 1844 \$.95

The ISOG contains information about the utilization of Single Engine Airtankers (SEATs). The annual document is posted at <http://www.blm.gov/nifc/st/en/prog/fire/Aviation/Airops.html> Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability.

revised INTERAGENCY STANDARDS FOR FIRE AND FIRE AVIATION OPERATIONS (2009)

NFES 2724 \$3.03

This document states, references or supplements policy for the Bureau of Land Management, Forest Service, Fish and Wildlife Service and National Park Service fire and fire-aviation program management. The standards are designed to ensure safe and efficient wildland fire, fuels, and fire aviation operations. This annual document is known as the "red book". Posted at http://www.nifc.gov/policies/red_book.htm

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 Wildland Fire Chemical Systems

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. PMS 404, GTR NC-83. *Note: This document will be discontinued when stock depleted or at the end of 2009.*

MILITARY USE HANDBOOK (2006)

NFES 2175 \$3.96

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 to ensure the effective use of military resources. Posted at <http://www.nifc.gov/nicc/logistics/references.htm>

MINIMUM IMPACT SUPPRESSION TACTICS (2003)

NFES 2916 \$1.09 DVD PMS 467 (VHS video no longer available, DVD only)

NATIONAL FIRE DANGER RATING SYSTEM REFERENCE MATERIAL (2002)

NFES 2687 \$1.32 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. Major sections include: NFDRS Model, FireFamily, Climatology, Computations, Drought, Dead Fuel Moisture, Greenness, Pocket Card, Haines Index, Weather Stations, WIMS, Canadian System, Install Viewers. Documents on the CD include (not a complete list): Aids to Determining Fuel Models(1982); Gaining a Basic Understanding of the NFDRS (2002); Charts for Interpreting Wildland Fire Behavior (1982); Fire Weather, Agriculture Handbook 360; Atmospheric Conditions Related to Blowup Fires, USDA Southeastern Forest Experiment Station Paper 35; and Fire Environment Concept (1972). PMS 933. *Related information: NFDRS Pocket Cards are at <http://fam.nwcc.gov/fam-web/pocketcards/default.htm>*

revised NATIONAL INCIDENT RADIO SUPPORT CACHE USER'S GUIDE (2009)

NFES 0968 \$9.08

The annual guide contains the catalog, instructional information, and communication design drawings. This document and other incident communication support information is available at www.fs.fed.us/fire/niicd/index.html

revised NATIONAL INTERAGENCY MOBILIZATION GUIDE (2009)

NFES 2092 \$4.42 5½" X 8½" usually available April 1 each year

This annual National Interagency Coordination Center publication known also as the "Mobe Guide" covers national mobilization procedures and policies. Posted at <http://www.nifc.gov/nicc/logistics/references.htm>. Refer to "Catalog Update" at <http://www.nwcc.gov> for information regarding availability.

NEW GENERATION FIRE SHELTER (2003)

NFES 2710 \$.55 The New Generation Fire Shelter, pamphlet, English
NFES 2711 \$2.81 *The New Generation Fire Shelter, video, VHS (26:00), English
NFES 2712 \$1.45 *The New Generation Fire Shelter, DVD, English
NFES 2735 \$3.22 El Refugio de Proteccion Nueva Generacion, video, VHS, **Spanish**
NFES 2736 \$.58 El Refugio de Proteccion Nueva Generacion, pamphlet, **Spanish** (2004)

*The DVD and the video contain the same program. The M-2002 fire shelter is made of a different combination of materials, offers improved protection, and is of a different shape than the "old" shelter. 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. PMS 411 *Pamphlets posted at www.nwcg.gov/pms/pubs/pubs.htm*

revised NIIMS WILDLAND FIRE QUALIFICATION SYSTEM GUIDE (2008)

NFES 1414 \$3.20
Provides NWCG incident qualification standards for wildland fire/ICS personnel. Personnel meeting the established standards are qualified for national mobilization. PMS 310-1. Posted at <http://www.nwcg.gov/pms/docs/docs.htm>.

revised NWCG NATIONAL FIRE EQUIPMENT SYSTEM CATALOG PART 1: FIRE SUPPLIES AND EQUIPMENT and PART 2: PUBLICATIONS (2009)

NFES 0362 \$7.00
Revised annually.
Part 1: A listing of all materials available from the NFES caches for active incident ordering. PMS 449-1.
Part 2: A listing of interagency courses, forms, reference materials available for ordering using the NFES system and stocked at the Great Basin Cache, National Interagency Fire Center. Part 2 is posted at <http://www.nwcg.gov>, along with monthly "Catalog Updates". PMS 449-2.

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:
<http://www.nwcg.gov/teams/shwt/posters.htm>. The posters are included in two formats on the CD: CorelDraw (.cdr) and Illustrator (.eps). PMS 473

PARTICIPATING ON WILDLAND FIRE PREVENTION EDUCATION TEAMS GUIDE (2005)

NFES 2750 \$2.19
Provides considerations for the activation, operation, and use of fire-prevention education teams. PMS 464. Posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>

PRACTICE FIRE SHELTER WITH CASE

NFES 2407 \$41.47 *Note: this is the "old" style; discontinued when stock depleted.*

PRACTICE FIRE SHELTER M-2002 ("new style")

NFES 2678 \$75.84 Training fire shelter M-2002 with case (complete) (GSA NSN 6930-01-499-0605)
NFES 2799 \$78.16 Training fire shelter M-2002 with case (complete) LARGE
(GSA NSN 6930-01-529-8807)

PRESCRIBED FIRE COMPLEXITY RATING SYSTEM GUIDE (2004)

NFES 2474 \$.61
The Prescribed Fire Complexity Rating System assists 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 Posted at <http://www.nwcg.gov/pms/RxFire/rxfire.htm>

PRESCRIBED FIRE IN RESOURCE MANAGEMENT (2003)

NFES 2100 \$2.77 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.

RECREATION AREA FIRE PREVENTION (1999)

NFES 2601 \$1.19

Provides strategies for public land recreation areas. PMS 457. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

RESOURCE ADVISOR'S GUIDE FOR WILDLAND FIRE (2004)

NFES 1831 \$1.07

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. PMS 313. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

RULER AND PROTRACTOR

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

NFES 2232 \$.91 protractor, 0--360°, clear plastic

SMOKE MANAGEMENT GUIDE FOR PRESCRIBED AND WILDLAND FIRE (2001)

NFES 1279 \$5.03

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. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

revised SMOKEY BEAR POCKET PLANNER

NFES 2278 \$.40 Smokey Bear Pocket Planner (2009)

NFES 2978 \$.20 clear vinyl cover (for Smokey Bear Pocket Planner)

Small Smokey Bear pocket calendar with courtesy lines by National Association of State Foresters and U.S. Department of the Interior. Clear vinyl cover fits the Smokey Bear Pocket Planner.

**STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:
VOLUME I: MIXED-CONIFER WITH MORTALITY, WESTERN JUNIPER, SAGEBRUSH AND
GRASSLAND TYPES IN THE INTERIOR PACIFIC NORTHWEST** (1998)

NFES 2580 \$33.07

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. PMS 830.

**STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:
VOLUME II: BLACK SPRUCE AND WHITE SPRUCE TYPES IN ALASKA** (1998)

NFES 2581 \$32.21

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. PMS 831.

STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:

VOLUME IIA: HARDWOODS WITH SPRUCE IN ALASKA (2002)

NFES 2668 \$33.57

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. PMS 836.

STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:

VOLUME III: LODGEPOLE PINE, QUAKING ASPEN AND GAMBEL OAK TYPES IN THE ROCKY MOUNTAINS (2000)

NFES 2629 \$36.82

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. PMS 832.

STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:

VOLUME IV: PINYON-JUNIPER, CHAPARRAL AND SAGEBRUSH TYPES IN THE SOUTHWESTERN UNITED STATES (2000)

NFES 1084 \$27.53

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. PMS 833.

STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:

VOLUME V: MIDWEST RED AND WHITE PINE, NORTHERN TALLGRASS PRAIRIE AND MIXED OAK TYPES IN THE CENTRAL AND LAKE STATES (1999)

NFES 2579 \$36.52

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. PMS 834

STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:

VOLUME VA: JACK PINE IN THE LAKE STATES (2002)

NFES 2669 \$36.84

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. PMS 837

STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:

VOLUME VI: LONGLEAF PINE, POCOSIN, AND MARSHGRASS TYPES IN THE SOUTHEAST UNITED STATES (2000)

NFES 2630 \$30.09

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. PMS 835

**STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:
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)

NFES 1119 \$44.82

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. PMS 838.

**STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:
VOLUME VII: OREGON WHITE OAK, CALIFORNIA DECIDUOUS OAK, AND MIXED-CONIFER WITH
SHRUB TYPES IN THE WESTERN UNITED STATES** (2004)

NFES 2719 \$41.73

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. PMS 839.

**STEREO PHOTO SERIES FOR QUANTIFYING NATURAL FUELS:
VOLUME VIII: HARDWOOD, PITCH PINE, RED SPRUCE/BALSAM FIR TYPES IN THE
NORTHEASTERN UNITED STATES** (2006)

NFES 2808 \$58.47

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. PMS 840.

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 \$3.66 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 is a package designed to assist unit managers and spokespersons when communicating key fire messages to the media and the public. The video programs present strategies and techniques to enhance individual effectiveness in communications. The print materials highlight key points made in the videos, are a good complementary tool and can be used as a "ready reference" for all communicators. The entire package can be used in a facilitated group workshop situation; the facilitator would need to order each of the different components, and each participant would need a Discussion Guide and Handy Reference Card and Checklist Guide. PMS 915.

Note: This series will be discontinued when out of stock or at the end of 2009, whichever occurs first.

(Ten) 10 PRINCIPLES OF RETARDANT APPLICATION (1992)

NFES 2048 \$.12

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

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

NFES 1129 \$10.21/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.

WATER HANDLING EQUIPMENT GUIDE (2003)

NFES 1275 \$2.16

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 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. PMS 447-1. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

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

NFES 2140 \$3.09

This document is a comprehensive guide for the operation of 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). This handbook replaced the obsolete "Fire-Weather Observer's Handbook, AG Handbook 494". PMS 426-1 *Note: RAWS and related information at <http://www.fs.fed.us/raws/> This document will be discontinued when out of stock or the end of 2009, whichever occurs first. This document is on the NFDRS CD in .pdf format and posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>*

WILDFIRE ORIGIN AND CAUSE DETERMINATION HANDBOOK (2005)

NFES 1874 \$1.28

Designed to assist personnel having wildfire protection responsibilities; emphasizes the importance of accurate fire investigative procedures. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>
NWCCG Handbook #1, PMS 412-1.

WILDFIRE PREVENTION CONDUCTING SCHOOL PROGRAMS GUIDE (1996)

NFES 1254 \$1.23

Provides basic presentation methods for preschool through sixth grade audiences, with an introduction to the junior and senior high school levels. Includes sample lesson plans and evaluations. PMS 453. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

WILDFIRE PREVENTION EVENT MANAGEMENT GUIDE (1996)

NFES 1253 \$1.09

Covers the range of subjects necessary to plan and execute effective events including audience targeting, concept development, event-planning team, pre-event planning, event logistics, timetable, promotional materials, and event evaluation. PMS 452. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

WILDFIRE PREVENTION MARKETING GUIDE (1996)

NFES 1252 \$.87

Addresses how to develop, present, and implement marketing objectives and a wildfire prevention-marketing plan. PMS 451. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

WILDFIRE PREVENTION AND THE MEDIA (1998)

NFES 1877 \$1.29

Addresses the role of media in a fire prevention program, and provides guidance for working with the media to achieve program goals. PMS 454. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

WILDFIRE PREVENTION PATROL GUIDE (1998)

NFES 2570 \$1.47

Outlines wildfire prevention education and enforcement strategies. PMS 456. Posted at <http://www.nwccg.gov/pms/pubs/pubs.htm>

WILDFIRE PREVENTION SIGN AND POSTER GUIDE (2005)

NFES 2753 \$1.48

Provides an orientation to wildfire prevention signs located primarily along roadways, and some basic principles for planning, acquiring, installing, and maintaining fire prevention signs. PMS 469. Posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>

WILDFIRE PREVENTION STRATEGIES GUIDE (1998)

NFES 1572 \$1.20

Provides guidance for fire management and prevention specialists to determine which prevention actions will most effectively reduce suppression costs and mitigate damage from natural and human-caused ignitions. PMS 455. Posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>

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 *Note: This publication will be discontinued when out of stock.*

WORK CAPACITY TEST (2003)

NFES 1109 \$.64 Administrator's Guide

NFES 1111 \$1.59 CD-ROM (Administrator's Guide Presentation Overview PowerPoint)

NFES 1110 \$3.07 video, VHS, Participants Video (2004)

The Administrator's Guide provides instructions for interagency fire managers to administer the work capacity test per the NIIIMS 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 a 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. PMS 307. The Work Capacity Test Administrator's Guide is posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>.

YOUR FIRE SHELTER (2001)

NFES 1570 \$.75 Your Fire Shelter: 2001 edition, pamphlet, English

NFES 2653 \$.47 Su Refugio De Proteccion Edicion 2001, pamphlet, **Spanish**

NFES 1568 \$2.99 video, VHS, Using Your Fire Shelter (27:20), English

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. Both pamphlets are posted at <http://www.nwcg.gov/pms/pubs/pubs.htm>. PMS 409 *NOTE: These materials depict the "old" style shelter.*

COURSES

Refer to the *Field Manager's Course Guide, PMS 901-1*, posted at <http://www.nwcg.gov/pms/training/training.htm> for all NWCG training standards, including course descriptions. Refer to <http://training.nwcg.gov/> for monthly course development status, course alerts and updates, on-line course information or to contact the NWCG Training Working Team.

Dispatch Courses page 293

D-110	EXPANDED DISPATCH RECORDER
D-310	EXPANDED DISPATCH SUPPORT DISPATCHER
D-311	INITIAL ATTACK DISPATCHER
D-312	AIRCRAFT DISPATCHER

Fire Investigation Courses page 294

FI-110	WILDLAND FIRE OBSERVATIONS AND ORIGIN SCENE PROTECTION FOR FIRST RESPONDERS
FI-210	WILDLAND FIRE ORIGIN AND CAUSE DETERMINATION

Gap Courses page 295

G-130	WILDLAND TRAINING (FFT2) FOR STRUCTURAL FIREFIGHTERS
G-131	WILDLAND TRAINING (FFT1) FOR STRUCTURAL FIREFIGHTERS
G-231	WILDLAND TRAINING (ENGB) FOR STRUCTURAL FIREFIGHTERS
G-330	WILDLAND TRAINING (STEN) FOR STRUCTURAL FIREFIGHTERS

Incident Command System National Training Curriculum page 296

I-100	INTRODUCTION TO THE INCIDENT COMMAND SYSTEM
I-200	BASIC ICS: ICS FOR SINGLE RESOURCES AND INITIAL ACTION INCIDENTS
I-300	INTERMEDIATE ICS: ICS FOR EXPANDING INCIDENTS
I-400	ADVANCED ICS: ICS FOR COMMAND AND GENERAL STAFF COMPLEX INCIDENTS
	ICS Curriculum Companion References

Leadership Courses page 298

L-180	HUMAN FACTORS IN THE WILDLAND FIRE SERVICE
L-280	FOLLOWERSHIP TO LEADERSHIP
	Leadership Curriculum Companion References

Management Courses page 299

M-410	FACILITATIVE INSTRUCTOR
M-480	MAC GROUP

Prescribed Fire Courses page 300

RX-301	PRESCRIBED FIRE IMPLEMENTATION
RX-310	INTRODUCTION TO FIRE EFFECTS
RX-341	PRESCRIBED FIRE BURN PLAN PREPARATION
RX-410	SMOKE MANAGEMENT TECHNIQUES

Prevention Courses page 301

P-101	FIRE PREVENTION EDUCATION 1
P-301	WILDLAND FIRE PREVENTION PLANNING
P-310	FIRE PREVENTION EDUCATION TEAM MEMBER
P-410	FIRE PREVENTION EDUCATION TEAM LEADER

Suppression Skills Courses page 303

S-110	BASIC WILDLAND FIRE ORIENTATION
S-130	FIREFIGHTER TRAINING (English)
S-130	FIREFIGHTER TRAINING (English, self-paced, on-line)
S-130	CAPACITACION PARA COMBATIENTES DE INCENDIOS FORESTALES (Spanish)
S-131	FIREFIGHTER TYPE 1 TRAINING
S-133	LOOK UP, LOOK DOWN, LOOK AROUND
S-134	LOOKOUTS, COMMUNICATIONS, ESCAPE ROUTES AND SAFETY ZONES (LCES)

NWCG Training Working Team information, including the *Field Manager's Course Guide, PMS 901-1*, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwcg.gov/>

S-190	INTRODUCTION TO WILDLAND FIRE BEHAVIOR (English)
S-190	INTRODUCTION TO WILDLAND FIRE BEHAVIOR (English, self-paced, on-line)
S-190	INTRODUCCION AL COMPORTAMIENTO DEL FUEGO (Spanish)
S-200	INITIAL ATTACK INCIDENT COMMANDER
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-230	CREW BOSS (SINGLE RESOURCE)
S-231	ENGINE BOSS
S-232	DOZER BOSS
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-271	HELICOPTER CREWMEMBER
S-273	SINGLE ENGINE AIR TANKER MANAGER (SEMG)
S-290	INTERMEDIATE WILDLAND FIRE BEHAVIOR
S-300	EXTENDED ATTACK INCIDENT COMMANDER
S-330	TASK FORCE/STRIKE TEAM LEADER
S-336	TACTICAL DECISION MAKING IN WILDLAND FIRE
S-339	DIVISION/GROUP SUPERVISOR
S-340	HUMAN RESOURCE SPECIALIST
S-346	SITUATION UNIT LEADER
S-349	RESOURCES UNIT LEADER/DEMobilIZATION 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-372	HELICOPTER MANAGEMENT
S-375	AIR SUPPORT GROUP SUPERVISOR
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-481	INCIDENT BUSINESS ADVISOR
S-490	ADVANCED WILDLAND FIRE BEHAVIOR CALCULATIONS

Job Aids

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 CENTER MANAGER
J-259	SECURITY MANAGER
J-342	DOCUMENTATION UNIT LEADER
TS-256	CACHE DEMOBILIZATION SPECIALIST
PMS 312	EXPANDED DISPATCH JOB AIDS

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Other Courses

PMS 419	ENGINE OPERATOR
PMS 490	LESSONS LEARNED: FATALITY FIRE CASE STUDIES

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Dispatch Courses

D-110 EXPANDED DISPATCH RECORDER (2007)

CLASSROOM (16 hours)

NFES 2980	D-110 Instructor Guide	\$9.54
NFES 2981	D-110 CD-ROM Course Materials	\$1.22
NFES 2982	D-110 Student Workbook	\$1.51

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (not bound); it may be used as-is or placed in a 3-ring binder.

D-310 EXPANDED DISPATCH SUPPORT DISPATCHER (2007)

CLASSROOM (32--34 hours) + pre-course work

NFES 2924	D-310 Instructor Guide	\$9.55
NFES 2925	D-310 CD-ROM Course Materials	\$1.46
NFES 2926	D-310 Student Workbook	\$3.35

students need to bring or be provided with:

NFES 2092	National Interagency Mobilization Guide	\$4.42
NFES 2400	Expanded Dispatch Job Aids	\$.99

each group of students will need:

NFES 0362	NWCG NFES Catalog, Parts 1 & 2	\$7.00
NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$10.32

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (not bound); it may be used as-is or placed in 3-ring binder. This course is ROSS dependent. The format of this course is a mix of lecture/discussion, group exercises, and simulation.

D-311 INITIAL ATTACK DISPATCHER (2005)

CLASSROOM (32 hours)

NFES 2794	D-311 Instructor Guide	\$23.91
NFES 2796	D-311 CD-ROM Course Materials	\$1.62
NFES 2797	D-311 Alaska Simulation Map	\$44.56
NFES 2795	D-311 Student Workbook	\$3.24

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Alaska Simulation Map is on the CD-ROM course materials, one map per course is needed. The format of this course is a mix of lecture/discussion, group exercises, and simulation.

New D-312 AIRCRAFT DISPATCHER (will be available 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwcg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwcg.gov/>

Fire Investigation Courses

FI-110 WILDLAND FIRE OBSERVATIONS AND ORIGIN SCENE PROTECTION FOR FIRST RESPONDERS (2005)

CLASSROOM (6 hours)

NFES 2747	FI-110 Instructor Guide	\$7.18
NFES 2749	FI-110 CD-ROM Course Materials	\$1.64
NFES 2748	FI-110 Student Workbook	\$.73

necessary for instructor:

NFES 2724	Interagency Standards for Fire and Fire Aviation Operations	\$3.03
NFES 1874	Wildfire Origin and Cause Determination Handbook, PMS 412-1	\$1.28

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Instructors should see course changes at http://training.nwcg.gov/twt/sect_course_updates_other.htm

FI-210 WILDLAND FIRE ORIGIN AND CAUSE DETERMINATION (2005)

CLASSROOM (36 hours) + pre-course work

NFES 2816	FI-210 Instructor Guide	\$17.80
NFES 2819	FI-210 CD-ROM Course Materials	\$1.58
NFES 2817	FI-210 Student Workbook	\$2.17
NFES 2818	FI-210 CD-ROM Pre-course Work	\$1.30

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The pre-course work is at <http://training.nwcg.gov/online.html>, the CD-ROM Pre-course Work is available for students without internet access. Instructors should see course changes at http://training.nwcg.gov/twt/sect_course_updates_other.htm

Gap Courses

Please refer to http://www.usfa.dhs.gov/fireservice/subjects/wildfire/crosswalk_overview.shtm for detailed information.

In June 2003, the National Association of State Foresters issued a report to the United States Congress titled *The Changing Role and Needs of Local, Rural and Volunteer Fire Departments in the Wildland-Urban Interface*. The report described the expansion of wildland fire responsibilities of America's structural fire service, in particular the predominantly rural and volunteer organizations serving communities near the wildland-urban interface. Several important training-related recommendations were offered to boost safety and capacity in wildland fire suppression operations undertaken by these departments.

National Wildland Coordinating Group (NWCG) member organizations (Department of Interior/Bureau of Land Management, National Park Service, Fish and Wildlife Service, Bureau of Indian Affairs, U.S. Department of Agriculture/Forest Service, U.S. Fire Administration, and the National Association of State Foresters) coordinated with subject matter experts from the North American State Fire Training Directors, the International Association of Fire Chiefs, and the National Fire Protection Association (NFPA). As a result of this effort, training programs and policies conducive to accessible and efficient training and qualifications reciprocity systems were developed. The *Skills Crosswalk* is among these projects.

Phase III of this project is under way. The course materials are being developed in a modular format. *These "Gap" courses will be on CD-ROM and are expected to be available by November 2008 from USFA.* The Gap courses provide structural firefighters with the information and the skills training that they need to fight wildland fires. They are called "Gap" because structural firefighters already have significant firefighting experience but do not have specific knowledge of wildland fires. The skills that they need were identified in the Skills Crosswalk. Each Gap course is composed entirely of NWCG training material pulled into specific courses.

The USFA will utilize PREPnet via Webcast to provide information on the project, including the end products along with distribution and delivery methods. A USFA press release will announce when the PREPnet Webcast is scheduled.

NWCG has tasked the Great Basin Cache to stock the four Gap course CDs during 2009 only. NFES numbers will be assigned and availability information will be forthcoming. Please check the "Catalog Update" at www.nwcg.gov for information.

- G-130 Wildland Training (FFT2) for Structural Firefighters
- G-131 Wildland Training (FFT1) for Structural Firefighters
- G-231 Wildland Training (ENGB) for Structural Firefighters
- G-330 Wildland Training (STEN) for Structural Firefighters

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwcg.gov/>

Incident Command System National Training Curriculum

Related information at http://www.fema.gov/emergency/nims/nims_training.shtm

I-100 INTRODUCTION TO THE INCIDENT COMMAND SYSTEM (2006)

SELF-PACED (on-line <http://training.nwccg.gov/courses.htm>)

NFES 2786 CD-ROM, self-paced, computer based course \$1.04

The CD is for students without internet access. *Note: Instructors should check the "Course Updates" regarding a change in this course at http://www.fire.blm.gov/training/twt/sect_course_updates.htm*

I-200 BASIC ICS: ICS FOR SINGLE RESOURCES AND INITIAL ACTION INCIDENTS (2006)

CLASSROOM (12—16 hours)

NFES 2827 I-200 Instructor Guide \$8.79

NFES 2829 I-200 CD-ROM Course Materials \$1.13

NFES 2828 I-200 Student Workbook \$1.55

additional items needed for course presentation:

NFES 0065 Fireline Handbook, PMS 410-1 \$3.26

NFES 1077 Incident Response Pocket Guide, PMS 461 \$1.28

NFES 2724 Interagency Standards for Fire and Fire Aviation Operations \$3.03

NFES 2433 ICS Position Descriptions and Responsibilities PMS 203 (1994) \$.53

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. This course focuses on the management of single resources. The course provides training for personnel who are likely to assume a supervisory position on an incident

I-300 INTERMEDIATE ICS: ICS FOR EXPANDING INCIDENTS (2006)

CLASSROOM (18-24 hours)

NFES 2838 I-300 Instructor Guide \$10.48

NFES 2840 I-300 CD-ROM Course Materials \$.91

NFES 2839 I-300 Student Workbook \$2.74

optional for Unit 6:

NFES 2952 DVD, Planning Process for All Risk Incidents PMS 122 (2007) \$1.22

instructors and students will need:

NFES 2433 *ICS Position Descriptions and Responsibilities PMS 203 (1994) \$.53

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. *Posted at <http://www.nwccg.gov/pms/forms/compan/icscomp.htm>

I-400 ADVANCED ICS: ICS FOR COMMAND AND GENERAL STAFF COMPLEX INCIDENTS (2006)

CLASSROOM (16 hours)

NFES 2907 I-400 Instructor Guide \$7.15

NFES 2909 I-400 CD-ROM Course Materials \$.94

NFES 2908 I-400 Student Workbook \$1.53

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The course provides training for senior personnel who perform in a management capacity in a complex incident environment.

ICS Curriculum Companion References <http://www.nwccg.gov/pms/forms/compan/icscomp.htm>

Also see <http://www.training.fema.gov/EMIWeb/IS/ICSResource/index.htm>

NFES 2415 History of ICS PMS 201 (1994)	\$.30
NFES 2433 ICS Position Descriptions and Responsibilities PMS 203 (1994)	\$.53
NFES 2435 ICS Forms Catalog PMS 204 (1994)	\$.93

NFES 2952 DVD **Planning Process for All Risk Incidents** PMS 122 (2007) \$1.22

The program shows a series of planning-process meetings: a tactics meeting, how to fill out forms ICS 215 and ICS 215A, command and general staff roles and participation during a tactics meeting, and an operational briefing. TRT: 47:18 minutes.

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwccg.gov/>

Leadership Courses www.fireleadership.gov

Revised L-180 HUMAN FACTORS IN THE WILDLAND FIRE SERVICE (2008)

CLASSROOM (4–6 hours)

NFES 2983	L-180 Instructor Guide	\$5.90
NFES 2984	L-180 CD-ROM Course Materials	\$1.25
NFES 2985	L-180 DVD	\$4.24
NFES 2986	L-180 Student Workbook	\$.71

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
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Instructors must have the CD-ROM course materials and the DVD. Instructors will need to review the course for preparation and additional items needed. This course addresses human performance content that relates to the individual, including situation awareness, communication, decision making, risk management, and teamwork skills.

Revised L-280 FOLLOWERSHIP TO LEADERSHIP (2008)

CLASSROOM (16 hours) + pre-course work

NFES 2991	L-280 Instructor Guide	\$6.93
NFES 2992	L-280 CD-ROM Course Materials	\$1.30
NFES 2993	L-280 DVD	\$4.19
NFES 2994	L-280 Student Workbook	\$.67

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
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Instructors must have the CD-ROM course materials and DVD. Instructors will need to review the course for preparation and additional items needed. Refer to the Instructor Guide or www.fireleadership.gov for book needed for the pre-course reading assignment (available through any bookstore) and pre-course questions. A day of classroom instruction is followed by a day in the field working through a series of problem solving events in small teams (Field Leadership Assessment Course (FLAC)).

Leadership Curriculum Companion References: www.fireleadership.gov

NFES 2889	<u>Leading in the Wildland Fire Service</u> PMS 494-2 (2007)	\$.90
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The information provides an overview of fire leadership concepts and is organized around the wildland fire service leadership values and principles (in order to communicate what “right” looks like); and provides examples of effective leadership in action. The information is a reference for leadership course instructors, a supplemental reading resource for students, and a self-development guide for all wildland fire personnel.

NFES 2685	<u>Introduction to Tactical Decision Games & Sand Table Exercises</u> PMS 468 (2004)	\$2.34
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This DVD contain tactical decision games (TDGS) which are role-playing paper exercises to provide an opportunity to 1) practice the decision-making process, and 2) practice communicating that decision to others. The sand table exercise (STEX) is a tactical decision game that employs a three-dimensional terrain model with various props to represent either assets or liabilities. *Note: The “Design & Delivery of Tactical Decision Games Sand Table Exercises TDGS/STEX Workbook” is at www.fireleadership.gov*

NFES 2763	<u>Wildland Fire Leadership Values and Principles Poster</u> PMS 494-1 (2006)	\$5.31
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Management Courses

M-410 FACILITATIVE INSTRUCTOR (2002)

CLASSROOM (36 hours) + pre-course work

NFES 2428	M-410 Instructor Guide	\$23.86
NFES 2697	M-410 CD-ROM Course Materials	\$3.98
NFES 2429	M-410 Student Workbook	\$5.35

necessary for each student and instructor:

NFES 2430	M-410 reference textbook, "Preparing Instructional Objectives"	\$12.49
NFES 2696	M-410 reference text, "Gregorc Style Delineator"	\$2.48

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (not bound): it may be used as-is or placed in a 3-ring binder. The CD-ROM Course Materials does not contain the reference textbook nor the reference text. The pre-course work is at <http://training.nwcg.gov/online.html>

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	\$4.42
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (not bound): it may be used as-is or placed into any 3-ring binder. Pre-course work is at <http://training.nwcg.gov/online.html>

Note: The instructor guide refers to I-401 Module 16 and I-402 Module 17 that were discontinued.

Prescribed Fire Courses

RX-301 PRESCRIBED FIRE IMPLEMENTATION (will be available in 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwccg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

RX-310 INTRODUCTION TO FIRE EFFECTS (will be available in 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwccg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

RX-341 PRESCRIBED FIRE BURN PLAN PREPARATION (will be available in 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwccg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

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	\$15.97

necessary for each student:

NFES 1279	Smoke Management Guide for Prescribed and Wildland Fire, PMS 420-1	\$5.03
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28

necessary for instructors 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: Lodge pole 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

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is in a binder. The pre-course work is at <http://training.nwccg.gov/online.html>

Prevention Courses

Other sources of fire prevention and education information are www.firewise.org, www.symbols.gov and <http://www.nwccg.gov/teams/wfewt/wfewt.htm>

P-101 FIRE PREVENTION EDUCATION 1 (2006)

CLASSROOM (32 hours)

NFES 2880	P-101 Instructor Guide	\$25.38
NFES 2883	P-101 CD-ROM Course Materials	\$1.08
NFES 2882	P-101 DVD Part 1	\$1.33
NFES 2884	P-101 DVD Part 2	\$1.33
NFES 2881	P-101 Student Workbook	\$2.13

students and instructors will need:

NFES 2597	Establishing Fire Prevention Education Cooperative Programs and Partnerships	\$1.49
NFES 2602	Fire Communication and Education	\$2.41
NFES 2598	Industrial Operations Fire Prevention Guide	\$2.13
NFES 2601	Recreation Area Fire Prevention	\$1.19
NFES 1254	Wildfire Prevention Conducting School Programs Guide	\$1.23
NFES 1877	Wildfire Prevention and the Media	\$1.29
NFES 2570	Wildfire Prevention Patrol Guide	\$1.47
NFES 2750	Participating on Wildland Fire Prevention Education Teams Guide	\$2.19
NFES 2753	Wildfire Prevention Sign and Poster Guide	\$1.48

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The CD-ROM course materials does not contain the DVDs or the additional references needed. DVD Part 1 contains "Wildfire Prevention: A History", "An Ounce of Prevention", "History of Smokey Bear", "Home Improvement: A FIREWISE Approach". DVD Part 2 contains "Wildfire Preventing Home Ignitions", "Making Your Home FIREWISE", and "Utah Living with Fire".

Revised P-301 WILDLAND FIRE PREVENTION PLANNING (will be available 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwccg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

P-310 FIRE PREVENTION EDUCATION TEAM MEMBER (2006)

CLASSROOM (32 hours)

NFES 2870	P-310 Instructor Guide	\$13.19
NFES 2873	P-310 CD-ROM Course Materials	\$1.33
NFES 2879	P-310 DVD "An Ounce of Prevention"	\$1.55
NFES 2871	P-310 Student Workbook	\$2.27
NFES 2872	P-310 CD-ROM Student Reference Clip Art	\$1.08
NFES 2877	P-310 CD-ROM Student Reference Tool Box	\$1.08
NFES 2878	P-310 CD-ROM Student Reference Templates	\$1.08

instructors and students will need:

NFES 2750	Participating on Wildland Fire Prevention Education Teams Guide (2005)	\$2.19
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Instructor must have the CD-ROM course materials. The DVD is not on the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Each student will need the student workbook and each of the three student CD-ROMs.

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwccg.gov/>

P-410 FIRE PREVENTION EDUCATION TEAM LEADER (2008)

CLASSROOM (32 hours)

NFES 2950	P-410 Instructor Guide	\$12.74
NFES 2953	P-410 CD-ROM Course Materials	\$1.61
NFES 2951	P-410 Student Workbook	\$3.69

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (not bound): it may be used as-is or placed into any 3-ring binder. Refer to Field Manager's Course Guide at <http://www.nwccg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

Suppression Skills Courses

S-110 BASIC WILDLAND FIRE ORIENTATION (2003)

SELF-PACED (on-line <http://training.nwcg.gov/online.html>)

NFES 2709 S-110 DVD \$2.95

necessary for each student:

NFES 0065 Fireline Handbook, PMS 410-1 \$3.26

The DVD is the same as the “on-line” training. available for those without internet access. S-110 is a self-paced presentation that provides information for non-operations individuals on proper clothing and equipment, wildland-fire incident procedures, and living conditions in wildland fire camps.

English S-130 FIREFIGHTER TRAINING (2003)

CLASSROOM (30–35.5 hours)

NFES 1510 S-130 Instructor Guide \$24.75

NFES 2731 S-130 CD-ROM Course Materials \$1.04

NFES 2733 S-130 DVD Risk Management \$1.34

NFES 2730 S-130 Student Workbook \$1.65

NFES 2388 S-130 decal Standard Firefighting Orders/Watch Out Situations (100/pg) \$1.28/pg

NFES 2389 S-130 card Standard Firefighting Orders/Watch Out Situations (100/pg) \$3.66/pg

necessary for course presentation:

NFES 2898 S-134 LCES DVD est. \$5.00

NFES 2397 S-134 LCES decal (100/pg) \$2.21/pg

NFES 2985 L-180 DVD \$4.24

NFES 2916 DVD Minimum Impact Suppression Tactics, PMS 467 \$1.09

necessary for each student:

NFES 0065 Fireline Handbook, PMS 410-1 \$3.26

NFES 1077 Incident Response Pocket Guide, PMS 461 \$1.28

NFES 2225 *Common Denominators of Fire Behavior, PMS 407 \$.22

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 2710 The New Generation Fire Shelter, PMS 411 \$.55

NFES 2711 *video, VHS, The New Generation Fire Shelter, PMS 411 (26:00) \$2.81

NFES 2712 *DVD, The New Generation Fire Shelter, PMS 411 \$1.45

NFES 2678 training fire shelter, M-2002 (complete w/case) \$75.84

OR

NFES 1570 Your Fire Shelter 2001 edition, PMS 409 \$.75

NFES 1568 video, VHS, Using Your Fire Shelter, PMS 409 (27:20) \$2.99

NFES 2407 practice fire shelter (complete w/case) \$41.47

optional for course presentation:

NFES 2147 DOT Chart 13 Hazardous Materials Marking, Labeling, Placarding \$.15

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The purpose of this course is to train type 2 wildland firefighters in basic firefighting skills. *The video and DVD contain the same program. *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm. Note: *NFES 2225 will be discontinued when out of stock; instructors should refer students to the NFES 1077 IRPG.*

S-130 FIREFIGHTER TRAINING (2008)

SELF-PACED (on-line <http://training.nwcg.gov/online.html>)

NFES 2868 S-130 CD self-paced training \$.95

This CD is the same as the “on-line” training. The CD is available for those who do not have internet access. *Note: Instructors should review course update at*

http://training.nwcg.gov/twt/sect_course_updates_suppression.htm

NWCG Training Working Team information, including the Field Manager’s Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwcg.gov/>

Spanish S-130 CAPACITACION PARA COMBATIENTES DE INCENDIOS FORESTALES (2006)

CLASSROOM (30—35.5 hours)

NFES 2860	S-130 Instructor Guide (Spanish)	\$23.99
NFES 2862	S-130 CD-ROM Course Materials (Spanish)	\$1.68
NFES 2863	S-130 DVD, part 1 (Spanish)	\$1.61
NFES 2864	S-130 DVD, part 2 (Spanish)	\$1.61
NFES 2861	S-130 Student Workbook (Spanish)	\$1.91
NFES 2639	S-130 card (Spanish) Standard Firefighting Orders/Watch Out Situations (100/pg)	\$2.67/pg
NFES 2734	S-130 decal (Spanish) Standard Firefighting Orders/Watch Out Situations (100/pg)	\$1.31/pg

This is a **Spanish** version. Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The CD-ROM does not contain the DVD programs, cards, or decals. The DVDs contain the **Spanish** version of the following videos: Using Your Fire Shelter, Minimum Impact Suppression Tactics, S-134 LCES, S-130 Risk Management, L-180 Human Factors on the Fireline.

S-131 FIREFIGHTER TYPE 1 TRAINING (2004)

CLASSROOM (8 hours)

NFES 2790	S-131 Instructor Guide	\$6.56
NFES 2792	S-131 CD-ROM Course Materials	\$1.35
NFES 2793	S-131 Unit 3 Exercise Maps	\$70.43
NFES 2791	S-131 Student Workbook	\$.74

necessary for course presentation:

NFES 2685	DVD Introduction to Tactical Decision Games & Sand Table Exercises	\$2.34
NFES 1414	NIIMS Wildland Fire Qualification System Guide, PMS 310-1	\$3.20

necessary for students:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The CD-ROM does not contain the DVD. The unit 3 exercise maps contain 6 maps, 36" x 28", laminated. The maps are also available on the S-131 CD-ROM in PowerPoint or .tif files at <http://www.nwcg.gov/pms/training/training.htm>. *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm*

S-133 LOOK UP, LOOK DOWN, LOOK AROUND (will be available in 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwcg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

S-134 LOOKOUTS, COMMUNICATIONS, ESCAPE ROUTES AND SAFETY ZONES (LCES) (2003)

CLASSROOM (16 hours)

NFES 2726	S-134 Instructor Guide	\$11.59
NFES 2898	S-134 DVD	est \$5.00
NFES 2728	S-134 CD-ROM Course Materials	\$1.36
NFES 2397	S-134 decal, LCES (100/pg)	\$2.21/pg

necessary for course presentation:

NFES 1325	ICS 201 Incident Briefing form (100/pg)	\$9.57/pg
NFES 1328	ICS 204 Assignment List form (100/pg)	\$4.20/pg

optional for course presentation:

NFES 2172	S-215 CD-ROM Course Materials	\$1.56
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Instructors must have the S-134 CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The S-134 CD-ROM course materials does not contain the decal or DVD. *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm*

English S-190 INTRODUCTION TO WILDLAND FIRE BEHAVIOR (2006)

CLASSROOM (6--8 hours)

NFES 2900	S-190 Instructor Guide	\$6.87
NFES 2902	S-190 CD-ROM Course Materials	\$.89
NFES 2901	S-190 Student Workbook	\$.83

each student will need:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. This is the entry-level fire behavior course explaining the basics of fuel, weather, and topography and how these factors affect safety and fire suppression actions.

Note: Instructors should review course update at

http://training.nwcg.gov/twt/sect_course_updates_suppression.htm

S-190 INTRODUCTION TO WILDLAND FIRE BEHAVIOR (2008)

SELF-PACED (on-line <http://training.nwcg.gov/online.html>)

NFES 2869	S-190 CD self-paced training	\$.95
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This CD is the same as the "on-line" training. The CD is available for those who do not have internet access. *Note: Instructors should review course update at*

http://training.nwcg.gov/twt/sect_course_updates_suppression.htm

Spanish S-190 INTRODUCCIONAL COMPORTAMIENTO DEL FUEGO (2007)

CLASSROOM (6—8 hours)

NFES 2940	S-190 Instructor Guide (Spanish)	\$10.33
NFES 2942	S-190 CD-ROM Course Materials (Spanish)	\$1.03
NFES 2941	S-190 Student Workbook (Spanish)	\$1.17

This is the **Spanish** version. Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed.

S-200 INITIAL ATTACK INCIDENT COMMANDER (2006)

CLASSROOM (16 hours)

NFES 2903	S-200 Instructor Guide	\$8.60
NFES 2905	S-200 CD-ROM Course Materials	\$1.10
NFES 2904	S-200 Student Workbook	\$1.01

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The course focuses on leadership skills through a series of facilitated discussion and classroom exercises using tactical decision games (TDGS) and sand table exercises (STEX). Students will need to bring (to class): the Fireline Handbook, Incident Response Pocket Guide, Interagency Standards for Fire and Fire Aviation, and the ICT4 position task book.

S-203 INTRODUCTION TO INCIDENT INFORMATION (2008)

CLASSROOM (30 hours) + pre-course work

NFES 2912	S-203 Instructor Guide	\$12.04
NFES 2913	S-203 CD-ROM Course Materials	\$1.32
NFES 2914	S-203 DVD "Dealing Successfully with the News Media"	\$1.37
NFES 2915	S-203 Student Workbook	\$3.35

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The DVD program is not on the CD-ROM. Pre-course work at

<http://training.nwcg.gov/online.html>

S-211 PORTABLE PUMPS AND WATER USE (2004)

CLASSROOM (24 hours)

NFES 2744	S-211 Instructor Guide	\$11.75
NFES 2746	S-211 CD-ROM Course Materials	\$1.36
NFES 2745	S-211 Student Workbook	\$1.88

necessary for instructors:

NFES 1275	Water Handling Equipment Guide, PMS 447-1	\$2.16
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necessary for each student:

NFES 0897	Fire Stream/Friction Loss Calculator	\$6.79
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. *Note: Instructors should review course update at http://training.nwccg.gov/twt/sect_course_updates_suppression.htm* Note: Related friction loss/hydraulic information: USDA Forest Service "Tech Tip" titled "Friction Loss in Wildland Hose Lays, #0651 1309P" posted at http://www.fs.fed.us/t-d/php/library_card.php?p_num=0651%201309P (password and user name are t-d)

S-212 WILDLAND FIRE CHAIN SAWS (2004)

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

NFES 1999	S-212 Instructor Guide	\$10.29
NFES 2196	S-212 CD-ROM Course Materials	\$1.44
NFES 2645	S-212 DVD	\$2.73
NFES 2000	S-212 Student Workbook	\$1.48
NFES 2644	S-212 Pre-course Work	\$.55

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. S-212 pre-course work is also at <http://training.nwccg.gov/online.html> Note: non-wildland fire Forest Service "Chain Saw and Crosscut Saw Training Course: 2006 edition, #0667 2C01, is posted at http://www.fs.fed.us/t-d/php/library_card.php?p_num=0667%202C01 (user name and password are t-d)

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

CLASSROOM (28--32 hours)

NFES 2170	S-215 Instructor Guide	\$26.34
NFES 2172	S-215 CD-ROM Course Materials	\$1.56
NFES 2171	S-215 Student Workbook	\$1.57

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
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optional for course presentation:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 2724	Interagency Standards for Fire and Fire Aviation Operations	\$3.03

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed.

S-230 CREW BOSS (SINGLE RESOURCE) (2004)

CLASSROOM (24--32 hours) + pre-course work

NFES 2810	S-230 Instructor Guide	\$12.74
NFES 2812	S-230 CD-ROM Course Materials	\$1.60
NFES 2813	S-230 DVD	\$2.45
NFES 2815	S-230 Lesson 4C Topographic Maps	\$81.21
NFES 2811	S-230 Student Workbook	\$1.81

necessary for each student

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
NFES 0065	Fireline Handbook, PMS 410-1	\$3.26

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The pre-course work is on the CD-ROM Course Materials or <http://training.nwccg.gov/online.html> The Lesson 4C Topographic Maps are a set of 8 maps, 36" x 28", laminated. The maps are also available on the S-230 CD-ROM in PowerPoint or .tif files at <http://www.nwccg.gov/pms/training/training.htm>

Note: Instructors should review the "course alert" at http://training.nwccg.gov/twt/sect_rel_course_alerts.htm

Note: Instructors should review course update at http://training.nwccg.gov/twt/sect_course_updates_suppression.htm

S-231 ENGINE BOSS (2004)

CLASSROOM (12--16 hours)

NFES 1400	S-231 Instructor Guide	\$8.47
NFES 1402	S-231 CD-ROM Course Materials	\$1.53
NFES 1401	S-231 Student Workbook	\$.95

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Students perform tactical decisions required to manage an engine and personnel safely on an incident. *Note: Instructors should review course update at http://training.nwccg.gov/twt/sect_course_updates_suppression.htm*

S-232 DOZER BOSS (2006)

CLASSROOM (16-20 hours) + pre-course work

NFES 2853	S-232 Instructor Guide	\$8.96
NFES 2855	S-232 CD-ROM Course Materials	\$1.35
NFES 2856	S-232 DVD	\$1.45
NFES 2854	S-232 Student Workbook	\$1.97

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The pre-course work is at <http://training.nwccg.gov/online.html>

S-233 TRACTOR/PLOW BOSS (SINGLE RESOURCE) (2005)

CLASSROOM (12-16 hours) + pre-course work

NFES 2824	S-233 Instructor Guide	\$11.30
NFES 2826	S-233 CD-ROM Course Materials	\$1.81
NFES 2825	S-233 Student Workbook	\$1.38

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 2165	Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$1.65

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The pre-course work is at <http://training.nwccg.gov/online.html>

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwccg.gov/>

Revised S-234 IGNITION OPERATIONS (will be available in 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwccg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

S-244 FIELD OBSERVER (2007)

CLASSROOM (20 hours) + pre-course work

NFES 2960	S-244 Instructor Guide	\$9.36
NFES 2962	S-244 CD-ROM Course Materials	\$1.28
NFES 2961	S-244 Student Workbook	\$1.28

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Student Workbook is loose-leaf (not bound): it may be used as-is or placed into a 3-ring binder. *Note: Basic Land Navigation (2007), PMS 475, NFES 2865 is used as the pre-course work. This document may be ordered or is posted at <http://www.nwccg.gov/pms/pubs/pubs.htm> Note: Instructors should review course update at http://training.nwccg.gov/twt/sect_course_updates_suppression.htm*

S-245 DISPLAY PROCESSOR (2007)

CLASSROOM (8 hours) + pre-course work

NFES 2934	S-245 Instructor Guide	\$10.73
NFES 2936	S-245 CD-ROM Course Materials	\$1.28
NFES 2935	S-245 Student Workbook	\$2.03

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Student Workbook is loose-leaf (not bound): it may be used as-is or placed into a 3-ring binder. The course describes the general roles and responsibilities and specifically addresses the activities related to incident maps and ICS-209 Incident Status Summary inputs. *Note: the Basic Land Navigation (2007), PMS 475, NFES 2865 is used as pre-course work. This document may be ordered or is available to students at <http://www.nwccg.gov/pms/pubs/pubs.htm> Note: Instructors should review course update at http://training.nwccg.gov/twt/sect_course_updates_suppression.htm*

S-248 STATUS/CHECK-IN RECORDER (2006)

CLASSROOM (16 hours)

NFES 2834	S-248 Instructor Guide	\$10.48
NFES 2837	S-248 CD-ROM Course Materials	\$1.35
NFES 2835	S-248 Student Workbook	\$1.86
NFES 2836	S-248 CD-ROM Student Reference	\$.94

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The course emphasizes the use of computer software to check in resources and create useful reports. At the time of publication, I-SUITE was the current software used. The goal is not to teach I-SUITE, but to expose students to database management concepts and the value of automation to produce timely outputs. Each student will need access to a computer that has the most current incident automation software. The CD-ROM Student Reference contains unit identifiers, jet port codes, position codes, and other reference material; this CD is used during exercises.

S-258 INCIDENT COMMUNICATIONS TECHNICIAN (2002)

CLASSROOM (32 hours)

NFES 2647	S-258 Instructor Guide	\$19.23
NFES 2649	S-258 CD-ROM Course Materials	\$2.65
NFES 2648	S-258 Student Workbook	\$1.07
<i>necessary for course presentation:</i>		
NFES 1399	Five Steps to a Safe Flight (100/pg)	\$7.12/pg
NFES 1336	form, ICS 213, General Message (100/pg)	\$4.79/pg
<i>necessary for each student and instructor:</i>		
NFES 0968	National Incident Radio Support Cache User's Guide	\$9.08
NFES 2097	Basic Aviation Safety Guide	\$.56

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (unbound): it may be used as- is or placed into a 3-ring binder. 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.

S-260 INTERAGENCY INCIDENT BUSINESS MANAGEMENT (2005)

CLASSROOM (16 hours)

NFES 2787	S-260 Instructor Guide	\$10.73
NFES 2789	S-260 CD-ROM Course Materials	\$1.77
NFES 2788	S-260 Student Workbook	\$1.72

necessary for each student:

NFES 2160	*Interagency Incident Business Management Handbook, PMS 902-1	\$10.32
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. *The Interagency Incident Business Management Handbook, along with agency/area updates, is posted at <http://www.nwccg.gov/teams/ibpwt/index.htm>

S-261 APPLIED INTERAGENCY INCIDENT BUSINESS MANAGEMENT (2007)

CLASSROOM (20--24 hours)

NFES 2937	S-261 Instructor Guide	\$8.03
NFES 2938	S-261 CD-ROM Course Materials	\$1.17
NFES 2939	S-261 Student Workbook	\$2.94

necessary for each student:

NFES 2160	*Interagency Incident Business Management Handbook, PMS 902-1	\$10.32
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. *The Interagency Incident Business Management Handbook, along with agency/area updates, is posted at <http://www.nwccg.gov/teams/ibpwt/index.htm>. *Note: Instructors should review course update at http://training.nwccg.gov/twt/sect_course_updates_suppression.htm*

S-270 BASIC AIR OPERATIONS (2003)

CLASSROOM (16 hours) + pre-course work

NFES 2033	S-270 Instructor Guide	\$14.13
NFES 2151	S-270 CD-ROM Course Materials	\$2.02
NFES 2034	S-270 Student Workbook	\$1.12

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
NFES 2097	Basic Aviation Safety Guide	\$.56

optional for course presentation:

NFES 1068	Interagency Aviation Transport of Hazardous Materials	\$.82
NFES 1399	Five Steps to a Safe Flight (100cards/pg)	\$7.12/pg
NFES 1129	Twelve Standard Aviation Questions That Shout "Watch Out!" (100 cards/pg)	\$8.76/pg
NFES 2048	10 Principles of Retardant Application, PMS 440-2	\$.12

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The pre-course work is at <http://training.nwccg.gov/online.html>

Note: the instructor guide refers to "S-217 video, Helicopter Capabilities and Limitations" which is discontinued; however, the program may be found on the NFES 2823 S-271 DVD. The "Chief of Party/Flight Manager" was discontinued.

S-271 HELICOPTER CREWMEMBER (2004)

CLASSROOM (30--40 hours)

NFES 2820	S-271 Instructors Guide	\$12.77
NFES 2822	S-271 CD-ROM Course Materials	\$1.66
NFES 2823	S-271 DVD	\$3.78
NFES 2821	S-271 Student Workbook	\$3.20

necessary for instructors:

NFES 1399	Five Steps to a Safe Flight, AMD(OAS)-103/FS-5700-16 (100/pg)	\$7.12/pg
NFES 1132	Helicopter Passenger Briefing, AMD(OAS)-84 (100/pg)	\$11.46/pg
NFES 1885	Interagency Helicopter Operations Guide	\$13.05
NFES 0406	Aircraft Use Report, AMD(OAS)-23	\$2.75
NFES 0878	Flight Use Report, FS 6500-122	\$3.09

necessary for each student:

NFES 2097	Basic Aviation Safety Guide	\$.56
NFES 1373	Interagency Aviation User Pocket Guide	\$.21
NFES 1064	Interagency Helicopter Load Calculation, AMD(OAS)-67/FS5700-17	\$1.62

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The DVD contains three different programs: Helicopter Capabilities and Limitations, Personal Protective Equipment, and Will, Skill and Luck. *Note:*

Instructors should review the "course alert" at http://training.nwccg.gov/twt/sect_rel_course_alerts.htm

Note: Instructors should review course update at

http://training.nwccg.gov/twt/sect_course_updates_suppression.htm

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 Air Tanker Operations Guide (ISOG)	\$.95
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Pre-course work is at <http://training.nwcg.gov/online.html> The ISOG is posted at <http://www.blm.gov/nifc/st/en/prog/fire/Aviation/Airops.html>

S-290 INTERMEDIATE WILDLAND FIRE BEHAVIOR (2007)

CLASSROOM (32 hours) + pre-course work

NFES 2890	S-290 Instructor Guide	\$18.56
NFES 2892	S-290 CD-ROM Course Materials	\$1.05
NFES 2891	S-290 Student Workbook	\$3.44
NFES 2893	S-290 CD-ROM Student	\$.73
NFES 2894	S-290 FLAME Field Guide	\$1.48

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Students need the CD-ROM student and the student workbook. This course builds upon the basics learned in S-190 with detailed treatments of fuels, weather, and topography; analyzing fire behavior variables. *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm*

Revised S-300 EXTENDED ATTACK INCIDENT COMMANDER (2008)

CLASSROOM (16--24 hours)

NFES 2917	S-300 Instructor Guide	\$7.73
NFES 2918	S-300 CD-ROM Course Materials	\$1.07
NFES 2919	S-300 Student Workbook	\$1.38

Instructor must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed

S-330 TASK FORCE/STRIKE TEAM LEADER (2005)

CLASSROOM (24 hours) + pre-course work

NFES 2782	S-330 Instructor Guide	\$10.50
NFES 2784	S-330 CD-ROM Course Materials	\$1.71
NFES 2785	S-330 Marre IAP Exercise Map	\$11.22
NFES 2783	S-330 Student Workbook	\$1.63

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
NFES 2724	Interagency Standards for Fire and Fire Aviation Operations	\$3.03

each student group will need:

NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$10.32
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Marre IAP Exercise Map is needed for each student *group* and is not on the CD-ROM Course Materials.

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwcg.gov/>

S-336 TACTICAL DECISION MAKING IN WILDLAND FIRE (2004)

CLASSROOM (24 hours) + pre-course work

NFES 2118	S-336 Instructor Guide	\$9.54
NFES 2121	S-336 CD-ROM Course Materials	\$1.31
NFES 2119	S-336 Student Workbook	\$1.86
NFES 2120	S-336 Pre-course Work	\$.59

necessary for course presentation:

NFES 2685	*DVD, Introduction to Tactical Decision Games & Sand Table Exercises, PMS 468	\$2.34
NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
NFES 2175	Military Use Handbook	\$3.96
NFES 2092	National Interagency Mobilization Guide	\$4.42

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The pre-course work is at <http://training.nwcg.gov/online.html>

S-339 DIVISION/GROUP SUPERVISOR (2006)

CLASSROOM (20 hours) + pre-course work

NFES 2874	S-339 Instructor Guide	\$10.47
NFES 2876	S-339 CD-ROM Course Materials	\$2.65
NFES 2875	S-339 Student Workbook	\$2.89

Student groups will need:

NFES 2724	Interagency Standards for Fire and Fire Aviation Operations	\$3.03
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Students will need to bring to the course: the Incident Response Pocket Guide PMS 461, the Fireline Handbook PMS 410-1, and Division/Group Supervisor Position Task Book. Pre-course work is at <http://training.nwcg.gov/online.html> *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm*

S-340 HUMAN RESOURCE SPECIALIST (2006)

CLASSROOM (20 hours)

NFES 2857	S-340 Instructor Guide	\$24.84
NFES 2859	S-340 CD-ROM Course Materials	\$2.03
NFES 2858	S-340 Field Reference	\$5.19

instructors will need:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 2092	National Interagency Mobilization Guide	\$4.42
NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$10.32

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Field Reference is used as a student workbook during the course; it is unbound and may be used as-is or placed into a 3-ring binder. *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm*

S-346 SITUATION UNIT LEADER (2008)

CLASSROOM (18—22 hours) + pre-course work

NFES 2895	S-346 Instructor Guide	\$13.19
NFES 2896	S-346 CD-ROM Course Materials	\$1.28
NFES 2897	S-346 Student Workbook	\$4.58

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Pre-course work is at <http://training.nwcg.gov/online.html>

New S-349 RESOURCES UNIT LEADER/DEMobilIZATION UNIT LEADER (2008)

CLASSROOM (28--32 hours) + pre-course work

NFES 2987	S-349 Instructor Guide	est. \$13.00
NFES 2988	S-349 CD-ROM Course Materials	est. \$2.00
NFES 2989	S-349 Student Workbook	est. \$4.00

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (unbound); it may be used as-is or placed into a 3-ring binder. The pre-course work is at <http://training.nwcg.gov/online.html>. Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding cost.

Revised S-354 FACILITIES UNIT LEADER (will be available in 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwcg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

S-355 GROUND SUPPORT UNIT LEADER (2000)

CLASSROOM (16 hours)

NFES 1921	S-355 Instructor Guide	\$13.33
NFES 2635	S-355 CD-ROM Course Materials	\$3.49
NFES 1922	S-355 Student Workbook	\$1.03

necessary for each student:

NFES 1558	J-255 Equipment Manager	\$.99
NFES 0065	Fireline Handbook, PMS 410-1	\$3.26

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed.

S-356 SUPPLY UNIT LEADER (2001)

CLASSROOM (16 hours)

NFES 1923	S-356 Instructor Guide	\$15.02
NFES 1089	S-356 CD-ROM Course Materials	\$3.52
NFES 1924	S-356 Student Workbook	\$1.67

necessary for each student:

NFES 1555	J-252 Ordering Manager	\$.93
NFES 1244	J-253 Receiving and Distribution Manager	\$.79
NFES 2607	TS-256 Cache Demobilization Specialist	\$.55

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed.

Revised S-357 FOOD UNIT LEADER (2008)

CLASSROOM (27--32 hours) + pre-course work

NFES 2290	S-357 Instructor Guide	\$8.85
NFES 2291	S-357 CD-ROM Course Materials	\$1.82
NFES 2292	S-357 Student Workbook	\$2.62
NFES 2297	S-357 Field Guide	\$1.79

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed.

Revised S-358 COMMUNICATIONS UNIT LEADER (2008)

CLASSROOM (24 hours) + pre-course work

NFES 1483	S-358 Instructor Guide	est. \$20.00
NFES 1484	S-358 CD-ROM Course Materials	est. \$5.00
NFES 1485	S-358 DVD "Communication Coordinator - the CDO"	est. \$5.00
NFES 1486	S-358 Student Workbook	est. \$6.00

Instructors must have the CD-ROM course materials and DVD. Instructors will need to review the course for preparation and additional items needed. Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability and cost. Refer to Field Manager's Course Guide at <http://www.nwcg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

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	\$2.02
NFES 2588	S-359 Field Reference Guide	\$1.67

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (unbound): it may be used as-is or placed into a 3-ring binder.

S-360 FINANCE/ADMINISTRATION UNIT LEADER (2001)

CLASSROOM (32 hours)

NFES 2636	S-360 Instructor 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	\$10.32
NFES 0065	Fireline Handbook, PMS 410-1	\$3.26

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed.

S-371 HELIBASE MANAGER (2007)

CLASSROOM (28-32 hours) + pre-course work

NFES 2885	S-371 Instructor Guide	\$16.17
NFES 2887	S-371 CD-ROM Course Materials	\$1.12
NFES 2888	S-371 DVD "Risk Assessment" & "Performance vs. Reality"	\$2.31
NFES 2866	S-371 Helibase Display Board Part 1	\$4.01
NFES 2867	S-371 Helibase Display Board Part 2	\$4.03
NFES 2886	S-371 Student Workbook	\$3.34

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The CD-ROM course materials does not contain the DVD or Display Boards. The pre-course work is at <http://training.nwcg.gov/online.html>

S-372 HELICOPTER MANAGEMENT (will be available in 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwcg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwcg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

S-375 AIR SUPPORT GROUP SUPERVISOR (2006)

CLASSROOM (20 hours) + pre-course work

NFES 2920 S-375 Instructor Guide	\$14.64
NFES 2922 S-375 CD-ROM Course Materials	\$3.06
NFES 2921 S-375 Student Workbook	\$2.25
NFES 2923 S-375 Field Reference	\$1.32

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The pre-course work is at <http://training.nwccg.gov/online.html> . The Field Reference is a collection of useful information and checklists that will aid students both in the classroom and on an assignment.

Revised S-378 AIR TACTICAL GROUP SUPERVISOR (will be available during 2009)

CLASSROOM ()

Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding availability. Refer to Field Manager's Course Guide at <http://www.nwccg.gov/pms/training/training.htm> for course hours, detailed course information, instructor prerequisites.

S-390 INTRODUCTION TO WILDLAND FIRE BEHAVIOR CALCULATIONS (2006)

CLASSROOM (32 hours) + pre-course work

NFES 2930 S-390 Instructor Guide	\$13.27
NFES 2932 S-390 CD-ROM Course Materials	\$1.14
NFES 2931 S-390 Student Workbook	\$4.60
NFES 2933 S-390 CD-ROM Student CD	\$1.13

students will need:

NFES 2165 Fireline Handbook Appendix B: Fire Behavior, PMS 410-2	\$1.65
NFES 2220 Fire Behavior Nomograms, PMS 436-3	\$.30
NFES 2231 ruler, 10-scale, clear plastic	\$1.27

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Student Workbook is loose-leaf (not bound): it may be used as-is or placed into a 3-ring binder. *These documents are also on the Student CD. The Student CD contains instructions, reference materials, pre-course study materials, and pre-course practice test questions and solutions. The pre-course work is also at <http://training.nwccg.gov/online.html>

Note: Instructors should review course update at

http://training.nwccg.gov/twt/sect_course_updates_suppression.htm

S-400 INCIDENT COMMANDER (2002)

CLASSROOM (24 hours + optional unit) + pre-course work

NFES 1949 S-400 Instructor Guide	\$31.87
NFES 2666 S-400 CD-ROM Course Materials	\$5.40
NFES 1950 S-400 Student Workbook	\$7.02
NFES 2667 S-400 Student Pre-course Study Material	\$1.86

necessary for each student:

NFES 0065 Fireline Handbook, PMS 410-1	\$3.26
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Student Workbook is loose-leaf (not bound): it may be used as-is or placed into a 3-ring binder. *Note: Instructors should review course update at*

http://training.nwccg.gov/twt/sect_course_updates_suppression.htm

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	\$3.26
NFES 2388	*S-130 decal, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$1.28/pg
NFES 2389	*S-130 card, Standard Firefighting Orders/Watch Out Situations (100/pg)	\$3.66/pg
NFES 2639	*S-130 card, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$2.67/pg
NFES 2734	*S-130 decal, Spanish, Standard Firefighting Orders/Watch Out Situations(100/pg)	\$1.31/pg

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. *The decals and cards are available in English and Spanish: order the appropriate version for the students.

S-404 SAFETY OFFICER (2002)

CLASSROOM (24 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	\$1.19
NFES 2101	S-404 Field Reference	\$.59

necessary for course presentation:

NFES 2565	PMS 490 video, VHS, Battles Lost (6:51)	\$2.37
NFES 2227	Incident Safety Analysis (LCES), ICS 215A-WS	\$8.90

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. Instructors and students will need the S-404 Field Reference.

Unit 0 is missing from the printed Instructor Guide; however, Unit 0 is included on the CD-ROM. *Note:* *Instructors should review "course alert" at http://training.nwcg.gov/twt/sect_rel_course_alerts.htm* *Note:*

Instructors should review course update at

http://training.nwcg.gov/twt/sect_course_updates_suppression.htm

S-420 COMMAND AND GENERAL STAFF (2002)

CLASSROOM (36 hours) + pre-course work

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

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The CD-ROM does not have the video programs. The "Intelligence Information Gathering" portion of the S-420 video does not have audio. The pre-course work is at <http://training.nwcg.gov/online.html> *Note: Instructors should review course update at*

http://training.nwcg.gov/twt/sect_course_updates_suppression.htm

S-430 OPERATIONS SECTION CHIEF (2006)

CLASSROOM (24 hours)

NFES 2830	S-430 Instructor Guide	\$12.93
NFES 2832	S-430 CD-ROM Course Materials	\$2.31
NFES 2833	S-430 DVD "Hall Fire Agency Administrator's Briefing"	\$1.89
NFES 2831	S-430 Student Workbook	\$3.62

needed for course presentation:

NFES 1374	Operational Planning Worksheet, ICS-215-WS, 36" x 64"	\$8.92
NFES 2227	Incident Safety Analysis (LCES), ICS-215A-WS, 63" X 38"	\$8.90

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The CD does not contain the DVD program. *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm*

S-440 PLANNING SECTION CHIEF (2001)

CLASSROOM (20 hours)

NFES 1962	S-440 Instructor Guide	\$18.80
NFES 2043	S-440 CD-ROM Course Materials	\$5.42
NFES 1963	S-440 Trainee Workbook	\$2.16

necessary for each student:

NFES 2435	ICS Forms Catalog, PMS 204	\$.93
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Student Workbook is loose-leaf (not bound): it may be used as-is or placed into a 3-ring binder. The pre-course work is at <http://training.nwcg.gov/online.html> *Note: Instructors should review course update at http://training.nwcg.gov/twt/sect_course_updates_suppression.htm*

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	\$.90
NFES 2654	S-445 CD-ROM, Forms and Job Aids, Student version	\$1.99

necessary for each student:

NFES 1414	NIIMS Wildland Fire Qualification System Guide, PMS 310-1	\$ 3.20
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Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. 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. *Note: the Instructor Guide refers to items that were discontinued: refer to S-445 course update at http://training.nwcg.gov/twt/sect_course_updates.htm Note: This course may be revised in 2009. Refer to "Catalog Update" at www.nwcg.gov for availability information.*

S-450 LOGISTICS SECTION CHIEF (2002)

CLASSROOM (16 hours)

NFES 1964	S-450 Instructor Guide	\$14.65
NFES 1106	S-450 CD-ROM Course Materials	\$2.65
NFES 1965	S-450 Student Workbook	\$1.40

necessary for each student:

NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
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necessary for course presentation:

NFES 1374	Operational Planning Worksheet, ICS-215-WS, 36" x 64"	\$8.92
NFES 2227	Incident Safety Analysis (LCES), ICS-215A-WS, 63" X 38"	\$8.90

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The student workbook is loose-leaf (unbound): it may be used as- is or placed into a 3-ring binder.

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwcg.gov/>

S-460 FINANCE/ADMINISTRATION SECTION CHIEF (2001)

CLASSROOM (24 hours)

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

necessary for each student:

NFES 2160	Interagency Incident Business Management Handbook, PMS 902-1	\$10.32
NFES 0065	Fireline Handbook, PMS 410-1	\$3.26
NFES 2092	National Interagency Mobilization Guide	\$4.42

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The trainee workbook is loose-leaf (unbound); it may be used as-is or placed into a 3-ring binder. The pre-course work is at <http://training.nwcg.gov/online.html> *Note: Instructors should review course update at*

http://training.nwcg.gov/twt/sect_course_updates_suppression.htm

S-470 AIR OPERATIONS BRANCH DIRECTOR (2002)

CLASSROOM (40 hours) + pre-course work

NFES 1969	S-470 Instructor 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 the instructor:

NFES 1885	Interagency Helicopter Operations Guide	\$13.05
NFES 1878	IHOG Supplement Forms Package	\$.86
NFES 1374	Operational Planning Worksheet, ICS-215-WS, 36" x 64"	\$8.92
NFES 2227	Incident Safety Analysis (LCES), ICS-215A-WS, 63" X 38"	\$8.90
NFES 2866	S-371 Helibase Display Board Part 1	\$4.01
NFES 2867	S-371 Helibase Display Board Part 2	\$4.03

necessary for each student:

NFES 2175	Military Use Handbook	\$3.96
NFES 2512	Interagency Aviation Technical Assistance Directory	\$.47
NFES 2537	Interagency Airtanker Base Directory	\$2.37
NFES 0968	National Incident Radio Support Cache User's Guide	\$9.08

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The reference text is used as the student workbook. It is necessary to order 1 air operations display board for the cadre and one for each student group.

New S-481 INCIDENT BUSINESS ADVISOR (2008)

CLASSROOM (16 hours) + pre-course work

NFES 2927	S-481 Instructor Guide	\$11.85
NFES 2928	S-481 CD-ROM Course Materials	\$1.42
NFES 2929	S-481 Student Workbook	\$2.99

Instructor must have the CD course materials and the DVD. Instructor must review the materials for additional items needed to present the course.

Revised S-490 ADVANCED WILDLAND FIRE BEHAVIOR CALCULATIONS (2008)

CLASSROOM (36 hours) + pre-course work

NFES 2995	S-490 Instructor Guide	\$16.35
NFES 2996	S-490 CD-ROM Course Materials	\$1.71
NFES 2999	S-490 DVD "Extreme Fire Behavior, Vortices and Wildland Fire"	\$4.68
NFES 2997	S-490 Student Workbook	\$4.61
NFES 2998	S-490 Student CD-ROM (contains pre-course material)	\$1.37

Instructor must have the CD course materials and the DVD. Instructor must review the materials for additional items needed to present the course. The DVD program is not on the CD-ROM course materials. Each student will need the student workbook and student CD-ROM. The student workbook is printed loose-leaf (not bound) and may be used as-is, or inserted into any 2", 3-ring binder.

Job Aids available at <http://www.nwccg.gov/pms/pms.htm>

J-158 RADIO OPERATOR (2002)

NFES 1968 \$1.13 Printed size 4" x 7½"

J-236 STAGING AREA MANAGER (2004)

NFES 2508 \$.77 Printed size 5½" x 8½"

J-252 ORDERING MANAGER (2003)

NFES 1555 \$.93 Printed size 5½" x 8½"

J-253 RECEIVING AND DISTRIBUTION MANAGER (2003)

NFES 1244 \$.79 Printed size 5½" x 8½"

J-254 BASE/CAMP MANAGER (2004)

NFES 1532 \$1.12 Printed size 5½" x 8½"

J-255 EQUIPMENT MANAGER (2004)

NFES 1558 \$.99 Printed size 5½" x 8½"

J-257 INCIDENT COMMUNICATIONS CENTER MANAGER (2003)

NFES 1533 \$1.44 Printed size 5½" x 8½"

J-259 SECURITY MANAGER (2004)

NFES 1246 \$ 1.42 Printed size 5½" x 8½"

Revised J-342 DOCUMENTATION UNIT LEADER (2008)

NFES 2543 est. \$1.00 Printed size 5½" x 8½"

Refer to "Catalog Update" at <http://www.nwccg.gov> for information regarding cost and availability.

TS-256 CACHE DEMOBILIZATION SPECIALIST (1999)

NFES 2607 \$.55 Printed size 4" x 7 ½"

The Cache Demobilization Specialist may work at an incident or a cache. This job aid 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 briefing, establishing and maintaining positive working relationships, 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, demobilize incident supplies and equipment. Note: *Job Aids for Technical Specialist positions are designated "TS"*.

PMS 312 EXPANDED DISPATCH JOB AIDS (1994)

NFES 2400 \$.99 Printed size 4" x 7 ½"

Position checklists and job aids for Dispatch Recorder, Support Dispatcher, and Supervisory Dispatcher.

NWCG Training Working Team information, including the Field Manager's Course Guide, PMS 901-1, course alerts/updates/corrections, on-line courses, pre-course work, is at <http://training.nwccg.gov/>

Other Courses

PMS 419 ENGINE OPERATOR (2001)

CLASSROOM (40 hours)

NFES 2660	PMS 419 Instructor Guide	\$27.65
NFES 2662	PMS 419 CD-ROM Course Materials	\$3.23
NFES 2663	PMS 419 video, VHS, Point Fire Case Study (29:00)	\$2.95
NFES 2661	PMS 419 Student Guide	\$4.85

necessary for each student:

NFES 0897	Fire Stream/Friction Loss Calculator	\$6.79
NFES 1275	Water Handling Equipment Guide, PMS 447-1	\$2.16
NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28

Instructors must have the CD-ROM course materials. Instructors will need to review the course for preparation and additional items needed. The Engine Operator addresses the standards, procedures, and techniques to be an engine operator on a wildland or prescribed fire. Field sessions are used throughout the course week, so it assumed students will drive an engine to the course. The course was developed for the BLM organization to standardize "Engine Academies": the course refers to BLM policy, engines, references, maintenance forms.

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

CLASSROOM (4–16 hours)

NFES 2562	PMS 490 Instructor Guide	\$12.10
NFES 2563	*PMS 490 Instructor Reference	\$2.27
NFES 2565	PMS 490 video, VHS, Battles Lost (6:51)	\$2.37
NFES 2566	PMS 490 video, VHS, Case Studies 1-5 (1:09:35)	\$4.27
NFES 2567	PMS 490 video, VHS, Case Studies 6-9 (1:03:00)	\$3.69
NFES 2564	PMS 490 Trainee Workbook	\$1.28

necessary for each student:

NFES 1077	Incident Response Pocket Guide, PMS 461	\$1.28
NFES 2225	*Common Denominators of Fire Behavior, PMS 407	\$.22

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 component of an annual refresher training program, a training academy setting, and to enhance existing suppression 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** show 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** show the sequence of events for the following fires: Romero (California), Spanish Ranch (California), Rainbow Springs (Arkansas), Loop (California), and Glen Allen (California). *The instructor guide does not contain a copy of the Instructor Reference. The instructor guide does contain a copy of the Trainee Workbook. *Note: The instructor guide refers to "Historical Wildland Firefighter Fatalities"; instructors may want to search each of these sites for information: http://www.nifc.gov/safety/historical_stats.htm or <http://www.nwcg.gov/pms/pubs/large.html#841> or <http://www.nwcg.gov/teams/shwt/pubs2.htm>. Note: NFES 2225 will be discontinued when out of stock; instructors should refer students to the NFES 1077 IRPG.*

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Appendix

The following additional information may be of interest to the users of the 2009 NWCG NFES Catalog Part 2: Publications. This information is for the convenience of the NWCG member agencies, so 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”.

- Other NWCG project sites:
 - <http://iqcs.nwcg.gov> Incident Qualifications & Certification System (IQCS)
 - <http://ross.nwcg.gov> Resource Ordering and Status System (ROSS)
 - <http://isuite.nwcg.gov> Incident Resource Status System (IRSS), Incident Cost Accounting and Reporting System (ICARS), Incident Time System (ITS) and Incident Action Plan (IAP)
 - <http://icbs.nwcg.gov> Interagency Cache Business System (ICBS)
 - <http://training.nwcg.gov/> NWCG Training Working Team information
 - <http://fam.nwcg.gov/fam-web/> links to “pocket cards” and other information

www.nifc.gov National Interagency Fire Center (NIFC)

Links to interagency wildland fire information, each agency represented at NIFC (*click on agency logo*), National Fire Plan, Joint Fire Science Program, Wildland Fire Safety Training Annual Refresher.

<http://www.nps.gov/fire/> links to fire history timeline and Burned Area Emergency Respond (BAER) case study.

http://www.fema.gov/emergency/nims/nims_training.shtm

Federal Emergency Management Agency information regarding NIMS

www.usfa.fema.gov U.S. Fire Administration

www.nationalfiretraining.net Wildland Fire Training

links to geographic training sites and specialists, national and geographic training course schedules

www.wildfirelessons.net Wildland Fire Lessons Learned Center

links to Scratchline, wildland fire case studies.

<http://amd.nbc.gov/> and <http://amd.nbc.gov/hqtrain/index.htm> USDI National Business Center Aviation Management Directorate Interagency Aviation Training and aviation references

<http://www.blm.gov/nifc/st/en/prog/fire/Aviation.html>

USDI Bureau of Land Management Aviation

www.symbols.gov Fire Education Materials

A variety of materials for educating children and homeowners.

www.firewise.org National Wildland/Urban Interface Fire Protection Program.

Wildfire protection information for fire services and homeowners.

www.flash.org Federal Alliance for Safe Homes (FLASH)

<http://hazmat.dot.gov> U.S. Department of Transportation Office of Hazardous Materials Safety

www.fedforms.gov Links to many federal forms, including agency links and links to state sites.

Compensation Act (CA) Forms may be downloaded at www.fedforms.gov (*click on agency forms*) or www.dol.gov. CA forms may be ordered through www.gpo.gov

www.gpo.gov U.S. Government Printing Office—links to Bookstores (GPO Access, Online Bookstore).

www.fs.fed.us/publications and www.fs.fed.us/research/infocenter.html

Both Forest Service sites offer search engines to find Forest Service publications.

www.fs.fed.us/logistics Information and links for Logistics Section personnel

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.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, Fire and Environmental Research--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

www.fs.fed.us/t-d/ (user name: t-d password: t-d)

This site has the approved fire chemical list: click on "Wildland Fire Chemicals"
Missoula Technology and Development Center (MTDC) <http://fsweb.mtdc.wo.fs.fed.us> (intranet site for FS & BLM)
San Dimas Technology and Development Center (SDTDC) <http://fsweb.sdtc.wo.fs.fed.us> (intranet site for FS & BLM)

www.firescope.org

FIRESCOPE (Firefighting RESources of California Organized for Potential Emergencies), OES-OCC-Firescope California fire publications, including the California ICS Field Operations Guide

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.