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## Bibliography of Publications from Washington Office Engineering and Detached Units

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This bibliography contains information on publications produced by the Washington Office Engineering staff and its detached units. Arranged by series, the list includes the title, author or source, document number, and date of publication.

This issue lists material published since our last bibliography (*Engineering Field Notes*, Volume 32, July–December 2000). Copies of *Engineering Field Notes*, and most Engineering Management Series documents can be obtained from the Washington Office Engineering staff. Copies of project reports, *Tech Tips*, and special and other reports can be obtained from the technology and development center listed as the source.

USDA Forest Service  
Attn: Engineering Staff, Sandy Grimm  
Stop Code 1101  
1400 Independence Avenue, SW  
Washington, DC 20250-1101  
703-605-4503

USDA Forest Service  
San Dimas Technology and Development Center  
444 East Bonita Avenue  
San Dimas, CA 91773  
909-599-1267

USDA Forest Service  
Missoula Technology and Development Center  
Fort Missoula, MT 59801  
406-329-3978

## Publications

### Engineering Management Series and Other Publications

The Engineering Management (EM) Series contains publications serving a purpose or reader and publications involving several disciplines that are applied to a specific problem.

### Engineering Field Notes (EFN)

This publication, which is published every 6 months, provides a forum for the exchange of information among U.S. Department of Agriculture (USDA) Forest Service personnel. It contains the latest technical and administrative engineering information and ideas related to forestry.

### EFN by Title (Volume 33)

2000 <i>Engineering Field Notes</i> Article Award Nominations	Editor (January-June 2001): 29
2000 <i>Engineering Field Notes</i> Article Award Winners	Editor (July-December 2001): 3
2000 Forest Service Engineers of the Year	Editor (January-June 2001): 20-27
ATV Trail Work on the Allegheny National Forest, Summer 2000	Clymer, Don and Conn, Mark (January-June 2001): 7-9
Bibliography of Publications from Washington Office Engineering and Detached Units	Editor (July-December 2001): 13-19
Choices: Composting or Installing a Vault Toilet	Hamele, Bill (January-June 2001): 18-19
Director's Update	Stokes, Vaughn (July-December 2001): 1-2
Documenting Leased Vehicle Condition During Emergency Events	Votapka, Frank (January-June 2001): 15-17
The Evaporator Vault System—An Innovative Alternative for Waste Disposal	Connors, Marina S. (July-December 2001): 8-12
Guidelines for Authors for Engineering Field Notes	Editor (July-December 2001): 20
It's A New Day	Stokes, Vaughn (January-June 2001): 1-3
Road Analysis Process—What Makes It Work?	Horn, Dale and Sowa, Richard W (January-June 2001): 4-6

	Tale of Two Bridges and a Bean, The	Schnare, J. Keith (January-June 2001): 10–14
	Transformers: From Student Vision to Engineering Marvel	Kattell, John R. (July-December 2001): 4–8
EFN by Author (Volume 33)	Clymer, Don and Conn, Mark	ATV Trail Work on the Allegheny and National Forest, Summer 2000 (January-June 2001): 7–9
	Connors, Marina S.	Evaporator Vault System— An Innovative Alternative for Waste Disposal, the (July-December 2001): 8–12
	Editor Article Award Nominations	2000 <i>Engineering Field Notes</i> (January-June 2001): 29–32
	Editor Article Award Winners	2000 <i>Engineering Field Notes</i> (July-December 2001): 3
	Editor Engineers of the Year	2000 Forest Service  (January-June 2001): 20–27
	Editor	Bibliography of Publications from Washington Office Engineering and Detached Units (July-December 2001): 13–19
	Editor	Guidelines for Authors for Engineering Field Notes (July-December 2001): 20
	Hamele, Bill	Choices: Composting or Installing a Vault Toilet (January-June 2001): 18–19
	Horn, Dale Sowa, Richard W.	Road Analysis Process— What Makes It Work? (January-June 2001): 4–6
	Kattell, John R.	Transformers: From Student Visioin to Engineering Marvel (July-December 2001): 4–8

Schnare, J. Keith	Tale of Two Bridges and a Bean, The (January-June 2001): 10-14
Stokes, Vaughn	Director's Update (July-December 2001): 1-2
Stokes, Vaughn	It's A New Day (January-June 2001): 1-3
Votapka, Frank	Documenting Leased Vehicle Condition During Emergency Events (January-June 2001): 15-17

## Reports

### Project Reports

<b>Title</b>	<b>Number</b>	<b>Source</b>	<b>Date</b>
Packaged Surface Water Treatment Plant for Campgrounds and Other Very Small Water Systems (by Brenda Land)	0123-1201	SDTDC	01/01
Effective Aerial Reseeding Methods: Market Search Report (by Ryan Becker)	0151-1204	SDTDC	07/01

### Tech Tips

<b>Title</b>	<b>Number</b>	<b>Source</b>	<b>Date</b>
Tree Marking Paint (video)	0124-1401	SDTDC	08/01
Skyline Cable Yarding— A Tool for Resource Management (video)	0124-1402	SDTDC	12/01
Helicopter Yarding— A Tool for Resource Management (video)	0124-1403	SDTDC	12/01
Cruising—A Tool for Resource Management (video)	0124-1404	SDTDC	12/01
Fluorescent Lamp Retrofits: Savings or Fantasy?	0171-2310	MTDC	06/01
Science-Based Roads Analysis Process for the National Forests	0171-2312	MTDC	01/01
Chest Harness for the Fire Shelter	0171-2313	MTDC	02/01

Tent Bag for the Personal Gear Bag	0171-2314	MTDC	02/01
New Fire Shelter Training Materials	0151-2320	MTDC	03/01
A Survey of Fuel Gelling Agents	0151-2324	MTDC	03/01
Personal Safety in Remote Work Locations: General Awareness Video	0167-2327	MTDC	06/01
Comparison of Commercial Deer Repellents	0124-2331	MTDC	07/01
Personal Backpacks for Carrying a Chain Saw	0123-2334	MTDC	07/01
Demonstration of Aerial Spray Aircraft Navigation Systems in Deep Mountain Valleys	0134-2336	MTDC	12/01
Field Evaluation of the Magellan GSC-100 Global Communication Device	0167-2337	MTDC	09/01
MTDC Air Quality News: No. 1 (electronic only) <a href="http://fsweb.mtdc.wo.fs.fed.us/programs/wsa/air_news/issue.htm">http://fsweb.mtdc.wo.fs.fed.us/programs/wsa/air_news/issue.htm</a>	0151-2338	MTDC	09/01
Flagging for Firefighting Escape Routes and Safety Zones	0151-2339	MTDC	09/01

## Special Reports

<b>Title</b>	<b>Number</b>	<b>Source</b>	<b>Date</b>
Manufacturer Submission Procedure for the Qualification of Multi-position Small Engine Spark Arrester Exhaust Systems (by Ralph Gonzales)	0151-1801	SDTDC	06/01
Manufacturer Submission Procedure for Qualification Testing of Water Handling Fire Equipment (by Lois Sicking)	0151-1802	SDTDC	01/01
Specification 2400-400 Paint, Tree Marking With Tracer (by Bob Monk)	0124-1803	SDTDC	03/01
Manufacturer Submission Procedure for Qualification Testing of General Purpose Screen and Locomotive Spark Arrester Exhaust Systems (by Ralph Gonzales)	0151-1804	SDTDC	06/01

Guidelines on the Use of Thermistor and Time Domain Reflectometry Instrumentation For Spring Thaw Road Management on Low-Volume Asphalt Roads (by Gordon Hanek and Mark Truebe)	0177-1805	SDTDC	12/01
Innovative Approaches to Transportation—A Guidebook	0177-1806	SDTDC	12/01
National Tree Climbing Guide	0167-2802	MTDC	09/01
Ground Pattern Performance of the California Department of Forestry Bell S205 Helicopter With the 300-Gallon Sims Rainmaker Collapsible Helibucket	0157-2803	MTDC	01/01
Ground Pattern Performance of the National Guard Black Hawk Helicopter With the 770-Gallon SEI Industries Bambi Helibucket	0157-2804	MTDC	01/01
Ground Pattern Performance of the Forest Service Bell 206 Helicopter With the 100-Gallon Sims Rainmaker Helibucket	0157-2805	MTDC	01/01
Ground Pattern Performance of the Siller Brothers S-64 Helicopter With the 2,000-Gallon SEI Industries Bambi Helibucket	0157-2806	MTDC	01/01
Ground Pattern Performance of the California Department of Forestry Bell S205 and National Guard UH-1 Helicopters With the 240-Gallon SEI Industries Bambi Helibucket	0157-2807	MTDC	01/01
Ground Pattern Performance of the Forest Service Bell 206 Helicopter With the 100-Gallon SEI Industries Bambi Helibucket	0157-2808	MTDC	01/01
Comparison of GPS Receivers Under a Forest Canopy After Selective Availability Has Been Turned Off	0171-2809	MTDC	05/01
Wildland Fire Safety Collection CD	0151-2811	MTDC	05/01
Wildland Firefighter Health & Safety Report No. 3	0151-2817	MTDC	04/01

Health Hazards of Smoke: Spring 2001	0151-2821	MTDC	06/01
T&D News: Winter 2001	0171-2822	MTDC	01/01
Investigating Wildland Fire Entrapments: 2001 Edition	0151-2823	MTDC	03/01
Accident Investigation Guide: 2001 Edition	0167-2825	MTDC	04/01
Fixed Anchors in the Wilderness (electronic only) ( <a href="http://fsweb.mtdc.wo.fs.fed.us/pubs/1c/1c01232826.htm">http://fsweb.mtdc.wo.fs.fed.us/pubs/1c/1c01232826.htm</a> )	0123-2826	MTDC	05/01
Urgent Fire Shelter Alert (electronic only) ( <a href="http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm01512828">http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm01512828</a> )	0151-2828	MTDC	06/01
T&D News: Spring 2001	0171-2829	MTDC	07/01
2000 MTDC Documents (brochure)	0171-2830	MTDC	08/01
Real-Time Smoke Particulate Sampling: Fire Storm 2000	0125-2832	MTDC	10/01
Wetland Trail Design and Construction	0123-2833	MTDC	09/01
Engineering Level One	0171-2835	MTDC	12/01
Wildland Firefighter Health & Safety Report No. 4	0151-2840	MTDC	10/01