

# Timber Construction Manual

American Institute of Timber Construction (AITC)

Fifth Edition

By John Wiley & Sons, Inc.

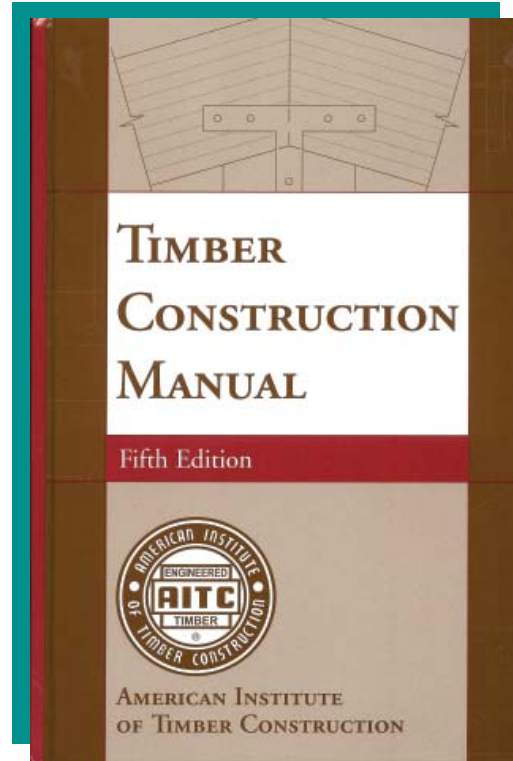
Reviewed by Jim DeStefano

The *AITC Timber Construction Manual* has been the structural engineer's bible for glued-laminate (glulam) timber design since 1966. The fifth edition has been updated and streamlined from earlier editions. It actually contains half as many pages as the prior edition. The important information is still there though.

Many of the design tables have been deleted since computer software has made them unnecessary. Allowable stress values for wood species have also been deleted from the manual, since they are available in other publications and change frequently.

Most of the AITC standards and specifications have been deleted from the manual. This reflects AITC's changing role from a technical standards producing organization to a marketing organization.

There is a new chapter on LRFD design of timber. There is also a new section on the design of connections using timber rivets. While the manual covers the engineering of sawn timber as well as glulam structures, the emphasis is clearly on glulams. Any engineer involved in the design of glulam structures will want this book in their library.■



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## Design of Wood Structures—ASD

Fifth Edition

By Donald E Breyer,  
Kenneth J Fridley, David G.ck, Jr.,  
Kelly E. Cobeen and McGraw Hill

Reviewed by Jim DeStefano

The fifth edition of *Design of Wood Structures—ASD* has been expanded and updated to include references to the *2003 International Building Code* and the *2001 National Design Standard for Wood Construction*. Since the first edition was printed over 20 years ago, this has become a popular textbook for university courses on the structural design of wood.

This textbook is thorough and comprehensive. It contains numerous examples of structural calculations and each chapter concludes with homework problems. The treatment of the seismic design of light frame wood structures is particularly detailed.

Structural engineers who missed the opportunity to study wood engineering in school might consider this text for self-study.■

