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NAWCC PROGRAM COMMITTEE

NEW VIDEO CASSETTE PROGRAM

576. *Veneer Mastery-Phase I*—by Dick Baker (52 minutes). Dick Baker, a member of the NAWCC, gives a presentation including sources of veneer, methods of removal of old veneer, patching methods, using molded forms, using a homemade assembly alignment jig and the plaster mold method.

NEW SLIDE-TAPE PROGRAM

150. *The South Bend Watch Story*—by O. B. Frye (42 minutes). History of the South Bend Watch Co. and the involvement of the Studebaker family in its organization. The company name was later changed to Studebaker. There are many pictures of movements, dials and cases. Included are anecdotes concerning the successes and failures of the company as well as individuals.

INSTRUCTIONS

The numbers in front of the slide/tape and VCR programs are our computer numbers which are assigned to them. (Some numbers do not appear, since they were assigned to programs which are no longer available.)

For members wishing to borrow VCR programs for personal use, please use the Lending Library form. This can be found on the back of the BULLETIN mailing cover, or requested from the Librarian.

Please use the computer number and program name when ordering programs and address all correspondence and requests for VCR tapes to the Lending Library and for slide programs to NAWCC Programs, both at 514 Poplar Street, Columbia, PA 17512-2130. Phone: 717-684-8261.

VIDEO CASSETTE PROGRAMS FOR PERSONAL USE (Order from the Library)

(All programs are VHS. Running time in minutes listed inside parens.)
**New Programs*

Note: To insure maximum use of the tapes by the most members, only one tape may be borrowed at a time and must be returned in two weeks. Please use Lending Library forms if possible and include $1.75 for postage.

501. *Helpful Hints for the Restoration of a Vienna Clock Movement*—by Chapter #75 (75)
502. *Electromagnetic Clocks*—by Iain Cleator (45)
503. *Hot Stick Shellac Case Restoration*—by Jim Stephan (68)
505. *Clocks & Watches of the Ford & Smithsonian Museums*—by Lloyd Porter (25)
506. *A History of Early American Experimental Clocks*—by Dorothy Glenk, Arthur Rekedal, & Richard Calicura (35)
507. *What to Look for in Buying a Watch*—by Joe Shaffer & Bill Meggers (33)
508. *Joseph Knibb Tall Clock with John Metcalfe*—by Pat Tomes (47)
509. *Clock Restoration with Dick Osgood*—by Chapter #75 (87)
511. *History of Columbus and Gruen Watches*—by Robert D. Gruen (60)
515. *How to Cast Metal Clock Case Parts on Your Kitchen Table*—by Glen Seeds (70)
516. *Howard Watches & the Howard Watch Co.*—by Dana Blackwell (85)
517. *The Terry Clock Co. & Terry Clocks*—by Chris Bailey (45)
518. *Westclox Factory Making Big Ben Alarm Clocks in 1938*—by Jim Whitaker (25)
519. *Early Development of French Clocks 1660–1675*—by Will Andrewes (60)
520. *French Clocks from 1690–1790, and A Tour Through the Shepro Collection*—by Justice Shepro (60)
521. *Early French Contributions to Precision Timekeeping*—by Jean-Claude Sabrier (60)
522. *Clocks of the Getty Museum*—by Gillian Wilson (60)
523. *French Watches from the Beginning to the 1800's*—by Adolphe Chapiro (60)
524. *The James Arthur Lecture: The Importance of Horology in Our Lives*—by Seth Atwood (60)
525. *Cleaning of a Waltham Pocket Watch*—by Keith Merchant
526. *Radium City*—by Carole Langer
527. *Horological Treasures of Russia—An NAWCC Tour*—by Tom Bartels
528. *J. Michaels Repairs a Patek Philippe Five-Minute Chronograph*—by J. Michaels
529. *Time Dissemination and Electric Clocks*—by Joe Singer (32)
530. *Webb C. Ball*—by Robert Winslow, Joel Savich & Chuck Gallagher (78)
531. *Refinishing of Brass*—by Gordon Sooy (52)
532. *The Making of a Banjo Clock*—by Foster Campos (35)
533. *Finishing Clock Cases*—by Foster Campos (35)
534. *Restoring a Clock Case*—by Alex Cipriano (42)
535. *White Dials and Longcase Clocks*—by Lewis F. Cowgill (32) and *The Terry Clock Co.*—by Chris Bailey (45)
536. *Tour of Russian Museums*—by Bob Powell (104)
537. *The French Morbier—The Most Unique Clock Ever, 1680–1900*—by Steve Z. Nemrava
538. *Clockwork Toys*—by Judy Emerson (49)
539. *Ripple Mouldings and Wood Inlays*—by Irvin Rosen (40)
540. *Primitive Tools Used in the Making of Clock Cases*—Irvin Rosen (39)
541. *The Engle Clock: An American Monumental*—by NAWCC (30)
542. *Petrodvorets Palaces-Leningrad-NAWCC Tour, Oct. 1990*—by Jack Napp (60)
543. *History of the McClintock Clocks*—by James Bland West (30)
544. *A Survey of the Clock Museum in Pharr, Texas*—with Jim Shawn (60)
545. *Dial Painting*—by James Bland West (17)
546. *The Early Clocks of New Jersey*—by Steve Petrucelli (65)
547. *Jewel Making by the Elgin Watch Company*—(73)
548. *Anniversary Clocks—History, Repair and Maintenance*—by Bill Ellison (89)
549. *Decorative Enhancements on 19th Century American Mass Produced Clocks*—by Chris Bailey (69)
550. *English Clockmaking*—by Julian Gibbard (60)
551. *Horological Tool Evolution*—by Theodore R. Crom (78)
552. *The Effect of the Industrial Revolution on the Swiss and English Watch Industries*—by Douglas Caulkins (59)
553. *Eli Terry, Wooden Movement Production & the Origins of the American System of Manufacturing*—by Donald Hoke (50)
554. *Animated Clock Display*—Chapter #31 (27)
555. *Pieces of Time*—Chapter #99
556. *The International Time Recording Company*—by Don Cate (68)
557. *The Development of Railroad Time*—by Robert Edwards (49)

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558. *Mastering Wood-Work Clock Repair*—by George Bruno (75)
559. *Patek Philippe The Master Watchmakers of Geneva: Tradition is Our Future*—Patek Philippe (23)
560. *Patek Philippe: The Seven Crafts*—Patek Philippe (20)
561. *Patek Philippe Calibre 89 The Most Complicated Watch in the World*—Patek Philippe (30)
562. *The Earth as a Clock*—by Gernot M. R. Winkler, Ph.D. (53) *The Atomic Clock*—by Norman F. Ramsey, Ph.D. (63)
563. *Earliest Precision Clocks*—by John Redfern (47) *Modern Precision Clocks*—by R. J. Griffiths (59)
564. *The Manufacturing of Banjo Clock Movements*—by John Grass (46)
565. *The Story of a Watch*—by Chapter #55 and Kent L. Singer (51)
566. *Accuracy of Pendulums and Many Factors That Influence It*—by Douglas A. Bateman (56) *Temperature Effects on Clocks*—by Wilbur L. Pritchard (70)
567. *The E. Howard Company*—by Martin Ruddock, M.D. (57) *Portable Timepieces and their Precision as Compared to Clocks*—by Henry B. Fried (69)
568. *Clocks Protected from Atmospheric Changes*—by Ian G. M. Cleator, M.D. (61) *The Fedchenko Clock of Russia*—by George Feinstein, Ph.D. (70)
569. A, B, C. *NAWCC New England Chapter #8 Educational Seminar—New England Handcrafted Clocks, 1730-1850* (3 tapes, 4 hours 20 minutes)
570. *Case Finish Restoration*—by Tom Spittler (33)
571. *The Watch and Clock Museum of the NAWCC*— (40)
572. *The NAWCC Tower Clock*—(120)

*573. *Restaff a Pocket Watch*—by Lee Bufano (45)
*574. *Build a Skeleton Wall Clock*—by William R. Smith (48)
*575. *Lux-Cuckoo Clocks*—by Paul Kostelny & Douglass Tingue (28)
*576. *Veneer Mastery-Phase I*—by Dick Baker (52)
*577. *NAWCC Chapter #8, New England, 4th Annual Symposium, 1993* (Tapes must be borrowed separately.)

Pt. 1: *The Watch Factories in Waltham*—by Joseph Brown
The Waltham Watch Company—by Dr. Norman Friedman (1 hr. 40 min.)

Pt. 2: *The Rise of American Industrial Watchmaking*—by Michael Harrold (1 hr. 14 min.)

Pt. 3: *Life in the Waltham Watch Factory*—by Pasquale Caruso
Howard Watches—by Dana Blackwell (1 hr. 44 min.)

SLIDE/TAPE PROGRAMS FOR CHAPTER USE ONLY
(Address your order to Headquarters—not the Library)

**New Programs*

(Running time in minutes listed inside parens.)

Programs With Slides and Cassettes for Manual and Automatic Change

1. *All You Wanted to Know About OG'S*—by Earl McHugh (25)
2. *American Clockmaking from a Craft to an Industry*—by Chris Bailey (24)
3. *American Wall Hanging Seconds Beat Regulators*—by Dorothy & Glenn Marsh (29)
4. *American Watches*—by James W. Gibbs (44)
5. *Exhibits of Regionals Held at Anaheim, CA*—by Lloyd Porter (20)
6. *Antiquarian Horological Restoration*—by Robert Barfoot (30)
7. *Banjo Clocks*—by Dorothy & Glenn Marsh (22)
9. *Bernard J. Edwards Watch & Clock Advertising Collection*—by Bernard Edwards (14)
11. *David Boyce's Backyard Tower Clock*—by David Boyce & Lloyd Porter (20)
13. *Calendar Clocks*—by M. R. Shunk (28)
15. *Behind the Dial #9, The Classic English Lantern*—by George Peterson (45)
16. *Clocks and Watches of the Ford & Smithsonian Museums*—by Lloyd Porter (25)
17. *A Collection of Miniature Clocks—European*—by Jane & Lloyd Porter (21)
19. *Dial Repainting*—by Jim West (16)
20. *Early Battery Clocks*—by Glenn Marsh (32)
21. *Eli Terry, Connecticut Clockmaker*—by W. L. Wadleigh, Jr. (27)
22. *English Bracket Clocks*—by Paul Hackamack & Lloyd Porter (32)
23. *European Public Clocks*—by Albert Odmark (45)
24. *Fantasy of the Forties*—by Dr. D. H. Shaffer (30)
27. *In The Works*—by Henry Horne & Lloyd Porter (39)
28. *Ingersoll & Other Dollar Watches*—by Ralph Whitmer (37)
30. *The Exhibits of the 1972 Convention at Jackson, MS*—by Lloyd Porter (25)
35. *Marine Chronometer*—by Los Angeles Chapter #56 (23)
36. *Miniature American Clocks*—by W. L. Wadleigh, Jr. (20)
39. *A New England Collection*, Circa 1950, by W. L. Wadleigh, Jr. (30)
40. *The Langmaid Collection*—by Norman Langmaid & Lloyd Porter (30)
41. *Exhibits of the Northwest Regionals*—by Lloyd Porter (30)
42. *Old Dominion Clock Treasury*—by Robert Draucker (27)
44. *An Outstanding Western Collection*—by Lloyd Porter (40)
46. *Perpetual Calendar Clocks*—by Ray Horner & Roger Dankert (22)
47. *Restoration of the Willard House & Clock Shop*—by Dr. Roger W. Robinson (40)
48. *The Rise & Fall of the Vienna Regulator*—by Peter Booz (18)
56. *Variety of Clocks in North Carolina*—by Rudolph Gereg & Chapter #17 (28)
57. *The Verge Watch*—by Chapter #56 (26)
58. *What to Look for When Buying a Watch*—by Bill Meggers & Joe Shaffer (33)
59. *Watches*—by J. J. Shaffer & W. F. Meggers (36)
60. *Clocks of E. N. Welch*—by Dorothy & Glenn Marsh (30)
61. *Rare & Unusual Clocks & Timepieces*—by Chapter #19 (22)
62. *Ingersoll Advertising*—by Ralph Whitmer (13)
64. *Complicated Watches of the Sandoz Collection*—by Henry J. Cole (20)
65. *Identifying Pocket Watches*—by Bill Meggers (30)
68. *The Ithaca Calendar Clock Company*—by Tom Blizzard, David Meier, & Chaper #96 (42)
69. *Alarm Clocks Are Collectible*—by Vincent Angell & Chapter #71 (22)
70. *Welch, Spring & Company*—by Jo & Owen Burt (36)
71. *Ansonia & Its Clocks*—by Marjorie & Charles Partridge (42)
72. *The Yankee & His Clock Box*—by Dorothy Glenk (30)
73. *Seth Thomas & His Clocks*—by Marjorie & Charles Partridge (30)
74. *The Rittenhouse Orrery*—by Stephen Kramer, III (33)
75. *Horological Novelties*—by Robert Draucker (25)
76. *Watch Oddities*—by James W. Gibbs (19)
77. *Getting Acquainted with Pocket Watches*—by J. J. Shaffer & W. F. Meggers (33)
78. *Clocks of Central Iowa*—by Chapter #91 (30)
79. *The Terry Family*—by Chapter #31 (30)
80. *200 Years of Morbier Clocks*—by Alan Seymour (42)
81. *Early Vienna Regulators*—by Pete Booz & Chapter #75 (21)
82. *Skeleton Clocks*—by Pete Booz & Chapter #56 (28)
83. *The Animated & Musical Clocks & Figures of Sandoz Collection*—by Henry J. Cole (33)
84. *The Jade Clock*—by Ted Bhend (29)
85. *Rare & Unusual Watches*—by James W. Gibbs (34)
86. *Metal Decoration in Horology*—by Chet Lockhart & Dr. Abbott Smith (36)
87. *Abner Jones & His Bloomfield New York Clocks*—by Evan Edwards (28)
88. *Arthur Pequegnat Clock Company*—by Chapter #92 (28)
89. *Carriage Clocks*—by O. B. Frye & Chapter #46 (17)

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90. *Lux & Keebler Pendulettes*—by Jo Burt & Margaret Horner (24)
91. *Seth Thomas Small Wood Case Clocks*—by Ray & Margaret Horner (16)
92. *American Clock Treasures*—by Ray & Margaret Horner (20)
93. *Fashion Calendar Clocks*—by Ray & Margaret Horner & Chapter #21 (17)
94. *Clocks of Old Japan*—by Dave Olson & Chapter #56 (27)
95. *The Electronic Watch*—by Armand Van Velthoven (37)
96. *The Swinging Clock*—by Roger Holmberg (40)
97. *Advertising Trade Cards & Post Cards*—by Ralph Whitmer (22)
98. *1982 Chicago Regional Exhibit of Electric & Battery Operated Clocks* (20)
99. *Restoration & Additions of Electric Wind for Brown Street Clock*—by Chapter #116 (37)
101. *8-Day Wooden Works Shelf Clocks*—by W. L. Wadleigh, Jr. (31)
102. *A Watch Display*—by Dr. O. B. Frye (20)
103. *American Pocket Watch Cases & Their Guarantees*—by Mike Kahane (38)
104. *Watches of the Taft Collection*—by Chapter #23 (28)
105. *Ohio Clocks, 1981 Museum Exhibit*—by Chapter #23 (32)
106. *Restoring Lux-Keebler Pendulettes*—by Jim & Jean West (21)
107. *Western Regional Exhibit at San Mateo*—by Fred Bausch & Lloyd Porter (45)
108. *Dr. Sobek Collection of Viennese Clocks*—by Lloyd Porter (35)
109. *Clocks & Watches of European Museums*—by Dr. H. P. Holladay & Lloyd Porter (27)
110. *Tower Clocks of America*—by Dr. Joseph G. Baier (38)
111. *The Shelf Clock in PA, The Bracket*—by Carter Harris (21)
112. *The Shelf Clock in PA, The Weight-Driven*—by Carter Harris (60)
113. *An Introduction to the History & Products of Illinois Watch Co., PT 1, 1870-1890*—by Bill Meggers (30)
114. *An Introduction to the History & Products of Illinois Watch Co., PT 2, 1890-1933*—by Bill Meggers (30)
115. *Watch & Clockmaker Figurines*—by Myrtie Simmons (17)
116. *Electromagnetic Clocks*—by I. G. M. Cleator (42)
117. *The Jaquet-Droz Mechanical Puppets*—by Henry J. Cole (8)
118. *Public Clocks of Europe*—by Gigi & Hap Holladay (40)
119. *New Hampshire's Clocks*—by Carter Harris (58)
120. *Tooling & Techniques in Clockmaking*—by John P. Wikswo (32)
121. *The Evolution of Early Battery Driven Clocks*—by Ted Bosschieter (40)
122. *Manufacturing Processes for American Wood Works Clock Movements*—by George A. Bruno & Chapter #8 (40)
123. *Wonderful Watch Holders*—by Gigi Holladay (40)
124. *It's About Time*—by Bryson Moore, Bob Hughes, & Chapter #31 (38)
125. *Florence Kroeber & His Clocks*—by Chapter #23 (21)
126. *The Techniques of Hand-Graining*—by Doris Westerholm & Bob Draucker (28)
127. *Bushing Wood Movements with Wood Bushings*—by Melville T. Farquhar & Bob Draucker (14)
128. *Watch Jewels Past to Present*—by John S. Martin (43)
129. *Tower Clocks of South Central Texas*—by Jim West (21)
130. *The Enameling of Our Mini-Carriage Clocks*—by Jacques & Mary Deveau (32)
131. *The Sonora Chime Clock*—by Kirk Fallin & Chapter #98
132. *A Horological Tool—The Lathe*—by Ozzie Nelson & Len Rutlin (17)
133. *The Canada and Hamilton Clock Companies*—by Jane Varkaris & Jim Connell (33)
134. *Clock Cartoons*—by Jim West (16)
135. *Handmade Tools and Equipment*—by Lester Branstetter (18)
136. *Joseph Ives Clock Exhibit Part I and Part II*—by Bob Hughes, Bob Schug, Bryson Moore and Chapter #31 (62)
137. *The Development of Early American Clocks*—by W. L. Wadleigh
138. *Seventy-Six Years of Ansonia Clocks*—by Don Wells
139. *Historical Significance of White Dials*—by Bud Cowgill
140. *Extracts From a Clock Restorer's Workbook*—by Robert F. Barfoot
141. *So You Want to Date a Clock?*—by Varne Kimmick
142. *Style and Horology: Influence of Architectural and Furniture Styles on Clock Cases*—by Bob & Mary Hughes, Bob and Maryanne Schug and Bryson Moore (32)
143. *Architecture In Horology—The Classical Revival*—by Dorothy Glenk Waldrip (42)
144. *The Waltham Workhorse*—by Al Stevens (26)
145. *Art Deco and Its Background, Art Nouveau*—by John Lord (25)
146. *Lux Keebler Pendulette Circus & the Deluxe Clock Co.*—by Bob Hughes
147. *Webb C. Ball His Watches & Clocks*—by James Hernick
148. *Tower Clock Exhibit at the Buffalo National*—by Jim West
149. *Metal Statue and Figure Repair*—by Bruce Clarke (26)
150. *South Bend Watch Story*—by O. B. Frye (42)

PROGRAMS WITH SLIDES AND CASSETTES FOR MANUAL CHANGE ONLY

12. *Bushing*—Behind the Dial #2—by George A. Peterson (25)
18. *Developments of Early American Clockmaking*—by W. L. Wadleigh, Jr. (35)
26. *How I Did It*—(The Making Of a Watch Case)—by Jesse Cannon (10)
31. *Joseph Ives, Clockmaker*—by W. L. Wadleigh, Jr. (30)
34. *Lux-Keebler Clocks*—Behind the Dial #4—by George A. Peterson (25)
37. *My All-American Eleven Clocks*—by W. L. Wadleigh, Jr. (30)
50. *Some Unusual Clocks; Mostly American*—by W. L. Wadleigh, Jr. (24)

CONVENTION AND SEMINAR SCHEDULE

For your convenience in planning, the following is a list of the known future sites of the NAWCC National Conventions and Seminars:

Conventions		Seminars	
1995	Richmond, VA	1994	Toronto, Canada
1996	Cleveland, OH	1995	Harrisburg, PA
1997	Atlanta, GA		
1998	Portland, OR		
1999	Houston, TX		
2000	Philadelphia, PA		
2001	New Orleans, LA		