

Bicycle Research Bibliography – Updated 6/04

BOOKS

- Howat, C.S., editor, 1993. USCF Mechanics' Handbook, First Edition. United States Cycling Federation, Colorado Springs, Colorado.
- Howat, C.S., editor, 1994. USCF Mechanics' Handbook, Second Edition. United States Cycling Federation, Colorado Springs, Colorado.
- Howat, C.S., editor, 1997. USA Cycling Mechanics' Handbook, 1997 Edition. USA Cycling, Colorado Springs, Colorado.
- Howat, C.S., editor, 1998. USA Cycling Mechanics' Handbook, 1998 Edition. USA Cycling, Colorado Springs, Colorado.
- Howat, C.S., editor, 2000. USA Cycling Mechanics' Handbook, 2000 Edition. USA Cycling, Colorado Springs, Colorado.
- Howat, C.S., editor, 2002. USA Cycling Mechanics' Handbook, 2002 Edition. USA Cycling, Colorado Springs, Colorado.
- Howat, C.S., 2003. USA Cycling Mechanics' Handbook, 2003 Edition. USA Cycling, Colorado Springs, Colorado.
- Howat, C.S., 2004. The Racing Bicycle Mechanics' Handbook. C. S. Howat Publications, Lawrence, Kansas, in press.

PUBLICATIONS (NON-REFEREED)

- Sul, B.S., and Howat, C.S., 1992. Tubular Tire Performance Analysis. Toe Clips, USCF Mechanics Advisory Council, 1(2): 7-9.
- Howat, C. S., 1993. Race Mechanics Turn Professional! Toe Clips, USCF Mechanics Advisory Council, 2(1): 8.
- Howat, C.S., 1993. Overview: Quick Release Performance Project. Toe Clips, USCF Mechanics Advisory Council, 2(1): 6-7. (Research Note)
- Sul, B.S., and Howat, C.S., 1993. Tubular Tire Performance Analysis. Toe Clips, USCF Mechanics Advisory Council, 2(1): 3-5. (Research Note)
- Sul, B. S., and Howat, C.S., 1994. Ten Rules of Thumb for Mounting Tubular Tires. Toe Clips, 3(1).

Jones, C.C., and Howat, C.S., 1995. Tubular Tires: Adhesives and Practice. Cycling USA, Part 1: XVII(8): 9.
Part 2: XVII(9): 16.
Part 3: XVII(10): 18.
Part 4: XVII(11): 23.

Howat, C.S., 1995. USA National Team Full-Shop Support at 1995 UCI World Championships. NORBA News, XII(11): 23.

Howat, C.S., 1997. Tubular Tires: Adhesives and Practice; Part 5: Curing Time. Cycling USA, XIX(4): 31.

Howat, C.S., 1997. Tubular Tires: Adhesives and Practice; Part 6: Adhesive Performance at Higher Temperatures. Cycling USA, XIX(5): 31.

TECHNICAL PRESENTATIONS

Howat, C.S., 1994. Hazards Analysis of Bicycling: Consumer and Professional Implications. Lawrence Kiwanas Club, Lawrence, Kansas.

INVITED SEMINARS

Howat, C.S., 1992. Tubular Tire and Quick Release Studies. USCF Mechanics Clinic, United States Olympic Training Center, Colorado Springs, Colorado.

REPORTS

Sul, B.S., and Howat, C.S., 1992. Tubular Tire Performance Analysis, Status Report 1. Report to the United States Cycling Federation, Colorado Springs, Colorado.

Sul, B.S., and Howat, C.S., 1992. Tubular Tire Performance Analysis, Status Report 2: Preliminary Static Tests Subsequent to Status Report 1. Report to the United States Cycling Federation, Colorado Springs, Colorado.

Howat, C.S., 1992. Analysis of Apparatus to Measure Performance of Bicycle Shock Absorber Oil. Report to Barnett Bicycle Institute, Colorado Springs, Colorado.

Howat, C.S., 1992. Job Description for Race Mechanics. Report to the United States Cycling Federation, Colorado Springs, Colorado.

Howat, C.S., 1992. Job Description for Race Mechanics (Fundamentals). Report to the United States Cycling Federation, Colorado Springs, Colorado.

Howat, C.S., 1992. Race Mechanics Clinic - Manual. Report to the United States Cycling Federation, Colorado Springs, Colorado.

Sul, B.S., and Howat, C.S., 1993. Tubular Tire Performance Analysis, Status Report 3. Report to United States Cycling Federation, Colorado Springs, Colorado.

Howat, C.S., Klocek, D., and Mills, D., 1993. Status Report 1: Quick Release Performance Analysis. Report to the United States Cycling Federation and the Barnett Bicycle Institute, Colorado Springs, Colorado.

Howat, C.S., 2002. Development of Park Tool Company Spoke Tensiometer, Kurata Thermodynamics Laboratory, University of Kansas.

Howat, C.S., 2003. Development of the Park Tool Company Spoke Tensiometer Spreadsheet for Accurate Wheelbuilding, Kurata Thermodynamics Laboratory, University of Kansas.

UNIQUE WEBSITE POSTINGS (www.engr.ukans.edu/~ktl)

Howat, C. S., Klocek, D., and Mills, D., 2002. Quick Release Performance Analysis, Kurata Thermodynamics Laboratory, University of Kansas.