WATERLOO TECHNICAL SOCIETY
Meeting Minutes - 10 September 2003

The 10 Sep 2003 meeting of the Waterloo Technical Society was held at the Greenstreets Restaurant located at the Cedar Falls Holiday Inn, with 41 members, 1 speaker, and 2 guests attending (42 dinners total). President Dick Michael called the meeting to order at 7:20 PM. Guests were introduced and past presidents and honorary members, and current officers for 2003-04 were recognized. Co-Secretary Roger Mott read the minutes from the 14 May 2003 WTS meeting. Co-Treasurer Dave Berry presented the financial report with an initial balance of $597.07. Income for the period was $20.00 with no expenses. Resulting in a balance of $617.07 for the month ending 30 June 2003. The recent death of Bill Birlingmair was announced. Nico DeJong read a 9-11 memorial prayer "If I Knew" that past President Brian Carlson found on the internet.

Old Business:
Audit committee met and found the WTS books in order. Ronald P. Smith and Harold Brown were the auditors. Web Site bills are to be forwarded to Dave Berry.

New Business:
Jim Hein was inadvertently left off the membership roster. The membership roster was published for reference by the membership and will not be published again until next year.

President Dick Michael announced a program change for the October Meeting. Crime Scene Technology will be replaced with a Soil Technology presentation by Johnnie Dickinson. Feb program on prosethics could not be worked out. The program will be replaced with an update on the search for the Amelia Earhart plane or some other program.

Dick asked the attendees for a volunteer to serve as Membership Chairman.

Program: Chairman Brian Carlson

Topic: ***John Deere OEM Engine Application***

Speaker: Russell Peterson

Russell Peterson has been an engineer with John Deere for 26 years. He has 12 years experience in Hydraulic Systems design, sales and service. He has worked as a marine application engineer for 12 years, and for the last two years he has worked as an applications engineer for industrial applications. He works at the John Deere Product Engineering Center as an OEM engine application engineer. Russell received a Bachelor of Science degree in Agricultural Engineering from Iowa State University in 1977.

http://www.waterlootechnicalsociety.org/

The following summary is posted on the WTS web site. Every year John Deere sells several thousand off-road Original Equipment Manufactured engines into industrial applications such as generators, air compressors, irrigation pumps, forestry, paving equipment, marine commercial boats and pleasure craft, and natural gas powered school buses and refuse trucks. John Deere engines are used in over 1800 OEM applications worldwide. Russell explained diesel and natural gas engine applications and discussed the application engineering challenges, which meet market needs and federal emissions regulations. Russell illustrated over 80 engine applications, which highlighted the significant customer variety and the associated technical challenges. Several questions were answered following the presentation.

The meeting ended with Brian Carlson presenting Russell with a WTS medallion. The September 03 WTS meeting at Greenstreets was adjourned at 9:04 PM.

Respectfully submitted,

Roger Mott and Jim Hein, Co-Secretaries