WATERLOO TECHNICAL SOCIETY

13 OCT 1999 MEETING MINUTES

The 13 October 1999 meeting of the Waterloo Technical Society was held at Greenstreets Restaurant in Cedar Falls, IA with 26 members and 3 guests present. The meeting was called to order by President Chuck Angel at 7:15 PM. Following introductions of guests, the past Presidents and Honorary Members were recognized. Minutes of the 8 September 1999 meeting were read and approved.

Donna Casey presented the Treasurer's report showing a balance of $798.13. There were 39 paid members for the 1999-2000 year compared to 46 at this time last year.

Nico DeJong, chairperson of the Membership Committee, shared a chart of the WTS membership numbers over the past 10 years. His personal goal for May 2000 is 150 members. Nico challenged each current member to find one new member during the next year.

Chuck Angel, program chairperson for October, gave directions to the Air National Guard Complex and adjourned the meeting at 7:15 for the tour.

At the Air National Guard Armory we were met by Steve Haulik, an engine mechanic, and Randy McClain, an electronics technician, to begin the tour of the facilities, aircraft, weapons, MRE's (meal ready to eat), and night vision equipment. Steve said the Armory employs 35 full time people.

The main hanger building has space for 12 Bell Helicopter aircraft. Four other aircraft are stored in another building. The aircraft were in various stages from "flight ready" to "major overhaul" status. The aircraft varied in age from 1968 to 1971, but the instrumentation, communication, and weapons systems are continuously being updated to more modern systems. The airframes are aluminum and composite construction with some armor plating and have seating for a pilot in the rear and a gunner in the front. The engines are 1300 hp and the aircraft has a cruising speed of 95 knots with a maximum speed of 145 knots.

The weapons pods included a 20-mm gattling gun with 1200 rounds of ammunition, 2.75-inch rocket launchers with 7 rockets, and a solid propellant missile launcher with 2 TOW missiles. A demonstration of the night vision equipment concluded the tour at about 9:30 PM.

Respectfully Submitted,

Darrell Wright, Co-Secretary