

3. Remove pilots certificate requirement as a qualification for becoming a member of the Board of Directors.

CHAPTER DISAPPROVED

4. By-laws can be submitted by council of governors as well as those listed.

CHAPTER APPROVED

5. S.O.Ps changed to reflect By-Laws if enacted, plus intent to seek election form to have 250 word statement rather than a 500 word statement.

CHAPTER APPROVED

The Immelman Turn by Harry Kraemer

Finally! Winter is over and Air Show Season 2001 is upon us. As I attend air show after air show, I am always amazed as I watch the pilots perform their maneuvers. Some can do things with their planes that seem aerodynamically impossible. Newton's laws and Bernoulli's principle don't apply. As I watch with amazement, I often wonder "Who thought of doing that with an airplane, or how did they come up with that?" I found that some of the maneuvers originated with the early fighter pilots and had a definite purpose.

The Immelman Turn is one of them. Named after the pilot who invented it, Max Immelman. Max was a German Ace in WWI, flying a Fokker E III. When attacked from the rear, he would pull up (as if doing a loop) and do a half roll at the top of the loop. As he came down to the bottom of the loop he would be behind his attacker and in a position to fire his machine gun.

As we watch today with amazement as an air show pilot performs a Immelman, we can almost guess how Max's opponent felt as they closed on his tail firing their guns and seconds later Max was firing at the tail.