

Contrails

SECTION II

REMARKS

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Welcome and Introduction
Mr. W. E. Lamar
AF Wright Aeronautical Laboratories

It is a pleasure for me to welcome you to this seminar and workshop on behalf of AFWAL, the Air Force Wright Aeronautical Laboratories, and also the Air Force Flight Dynamics Laboratory.

It is my pleasure this morning to introduce a man who is eminently qualified to open up this meeting. He's been involved with flying qualities from many different viewpoints over his entire career. He is a military pilot, and one of the first astronauts. He flew cargo aircraft over the hump during World War II, F-80's during the Korean War, and F-4's with 189 combat missions during the Vietnam War, so obviously he understands the flying qualities of combat aircraft.

Some twenty-five years ago he was much involved in developing and flight-testing automatic flight-control systems in the Directorate of Flight and All Weather Testing of the Wright Air Development Center. As a test pilot, he has flown both advanced military aircraft and advanced research aircraft. He is probably the only pilot in the world who can tell you what the trim and handling quality changes are when a nose landing gear inadvertently extends at Mach 5. That happened to him when he was flight testing the X-15 Rocket Aircraft.

He has been the Commander of both the AF Flight Test Center at Edwards and 4950th Flight Test Wing at Wright-Patterson. He also has been the Commander of the AF Test and Evaluation Center which evaluates the total capabilities of weapon systems. So, we have here a man who has had a wide range of personal experiences in the development, flight test and research test of flight control systems plus extensive flight experience, both in peace and war, with the flying qualities and related aspects of military aircraft. And, as the Vice Commander of the Aeronautical Systems Division he is still very much involved. It is a great pleasure to have here this morning Major General Robert Rushworth.