



**April 2007
Meeting**

Flight Testing the B-52

Brien Wygle

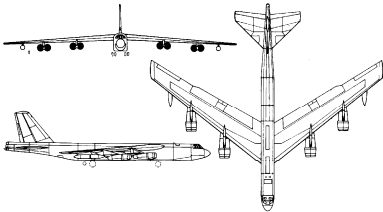
Vice President of Flight Operations-Boeing, Retired

The B-52 prototypes were first flown in 1952. During the next few years these two aircraft, plus the first few production aircraft, were the subjects of an intense test program.

The first B-52s embodied a number of features from the earlier B-47, and many completely new concepts. Some were not successful and were subsequently changed. It



Mechanical Engineering in 1951 and joined the Boeing Airplane Company as an Engineering Test Pilot. He graduated from the U.S. Air Force Test Pilot School in 1953. He worked for Boeing for 39 years, becoming Director of Flight Test in 1970, Vice President of Customer Support in 1974 and Vice President of Flight Operations in 1979. He retired in 1990.



was a radical, but, successful design that is still flying today.

This presentation will cover the early flight testing, and the changes that emerged. It will

offer a glimpse into the methods of that time, and should please the aeronautical history buffs among the audience.

Born in Seattle, Washington, Mr. Wygle moved to Canada with his family in 1927 and grew up on a farm near Calgary, Alberta. He joined the Royal Canadian Air Force in 1942 and served as a pilot in Europe, India and Burma. He graduated from the University of British Columbia in



During his 29 years as an active test pilot, he test flew all Boeing airplanes from the B-47 through the 757 and 767. He performed the first flight on the 737 and served as co-pilot on



the first flight of the 747. He is a Fellow of both the Society of Experimental Test Pilots, and the American Institute of Aeronautics and Astronautics.

He has lived in Medina, Washington, for the past 53 years.

AIAA/SFTE Lecture - Meeting

Date: Tuesday, April 17, 2007
Location: The Old Spaghetti Factory
2801 Elliot Ave
Seattle, WA
Time: 6:00 PM Social, no-host bar
6:30 PM Dinner Begins
7:15 PM Lecture Begins

Cost: \$15 AIAA/SFTE & Guests
\$18 Non-Members
\$5 Students
\$5 Educator Associates

Please note a reservation is a commitment to pay.

Reservation Option Via the Section Website

AIAA and SFTE members can RSVP online at www.pnwaiaa.org or send an e-mail to reservations@pnwaiaa.org. A confirmation e-mail will follow.