



American Institute of Aeronautics and Astronautics - San Diego Section
P. O. Box 503453, San Diego, California 92150-3453

San Diego Section Meeting

Thursday, October 11th

Gert Lundgren

Developing a new aircraft concept on a shoe string budget



After obtaining his BS in Mechanical Engineering from Gothenburg Technical Institute in Sweden in 1963, Gert Lundgren started working at SAAB as a missile test engineer. He was later transferred to the aircraft division, where performed stress analysis for the Viggen and Draken fighters.

In 1968 Mr. Lundgren immigrated to America and worked as a designer for Boeing in Seattle. While there, he worked on early versions of the 757, 767 and 777 concepts, which were at the time folded into the New Airplane Project or NAP. All three versions started out having over-the-wing mounted engines. While at Boeing he also worked on the Supersonic Transport, on the 727 Quiet Nacelle program, and on the YC-14 STOL prototype.

After leaving Boeing in 1974 he worked for several aerospace firms, including Rohr, Ryan, Martin Marietta, General Dynamics, Mooney and others. By 1988 he was a US citizen and, with his wife, established a small engineering firm.



The establishment of LAPCAD Engineering, Inc. (LEI) has also allowed them to spend time on developing new aircraft concepts. In 2005 a skilled model aircraft operator by name of Tim Attaway flew his first design via remote control. This is a bridged flying wing.



The latest concept is a VTOL, which is the topic of this meeting's presentation. Mr. Lundgren will also demonstrate the concept using a _ scale mockup, which illustrates the basic functionality.

Chinese BUFFET

Cost: \$8.00 Members and Guests

\$4.00 AIAA Students

Social: 5:30-6:00

Presentation and Buffet: 6:00

Location: Wyle Training and Conference Center

Reference attached map

RSVP by 9 October to Joel Perez E-mail: joel.l.perez@pw.utc.com

Phone: (858) 514-6304 (Please leave message with your phone number)

Meeting is on the fourth floor. Take the elevators in the lobby and all facilities are handicapped accessible. Free parking.

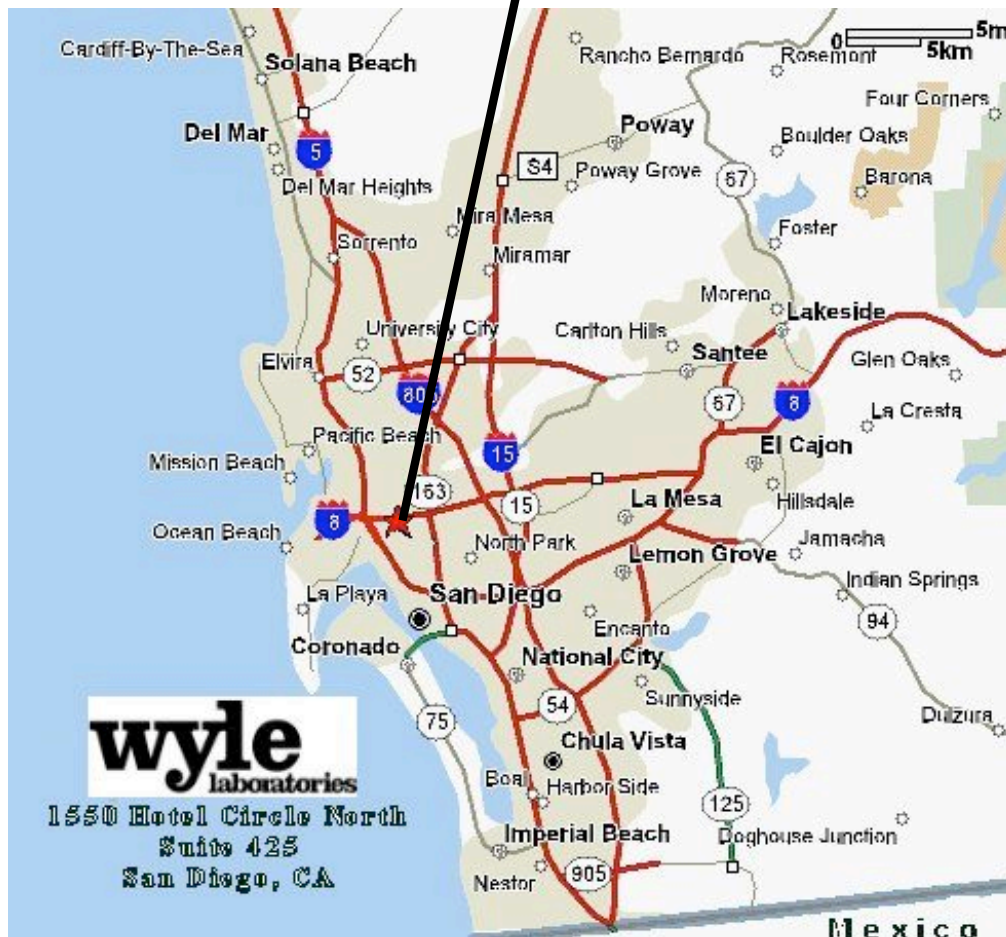
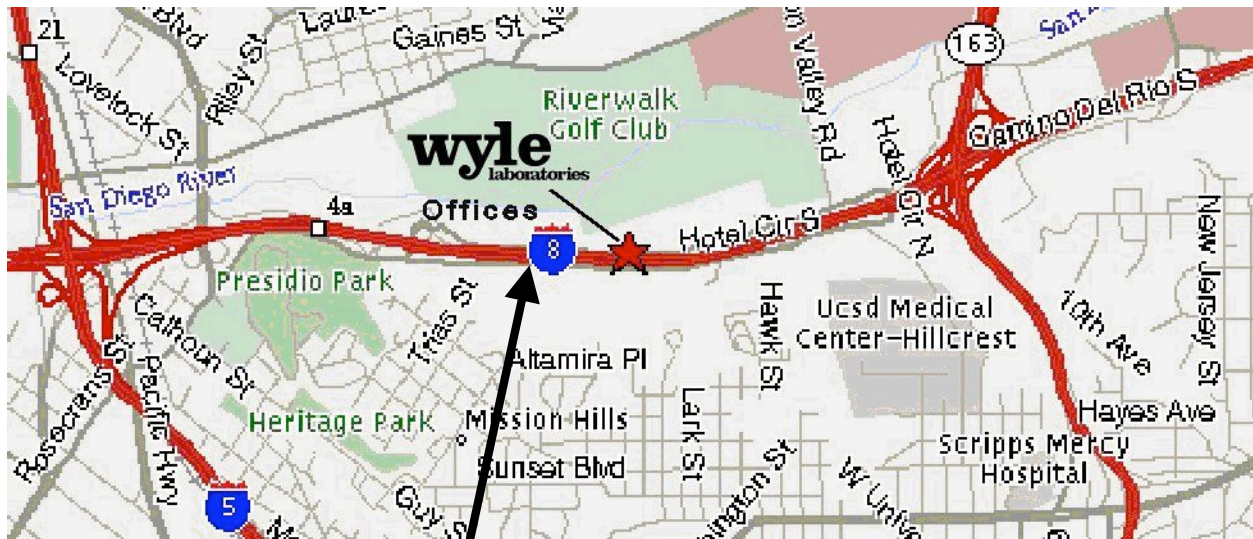
AIAA San Diego Section

Dinner Meeting

October 11th 5:30 pm

1550 Hotel Circle North, Suite 425, San Diego, California 92108-2910

(The meeting room is on the fourth floor; take the elevators in the lobby and all facilities are handicapped accessible.)



wyle
laboratories

1550 Hotel Circle North
Suite 425
San Diego, CA