



American Institute of
Aeronautics and Astronautics
Dayton-Cincinnati Section

Lunch 'n' Learn

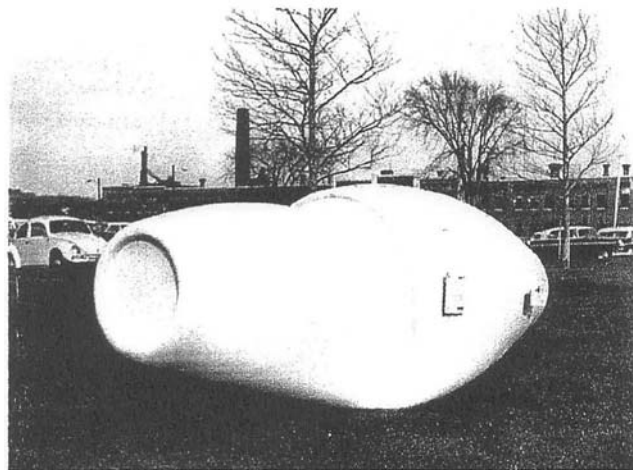
***Historical Aircraft Propulsion
Challenges At General Electric***

Guest Speaker:

Mr. John Kutney, Sr.

General Electric, ret.

Friday, 22 July 2011



John Kutney is a retired engineer from General Electric who will present case studies from several case studies that he worked on during his career at General Electric Aviation. These include the F4H/J79 10 % subsonic cruise problem, the A300B/CF6-50 6% second segment climb issue, and the Falcon 20/CF700 23% cruise drag problem. John will discuss the events surrounding these performance issues. All these problems were resolved satisfactorily. John will describe the unusual and innovative thinking and wind tunnel and flight testing that went into these solutions.

John T Kutney, Sr. was WWII veteran serving in the US Air Force as a Captain and Bombardeir on the B-24 A/C. He graduated from Penn State University with Bachelors' Degree in Aeronautical Engineering. Mr. Kutney's first job at General Electric was in the Large Jet Engine Department working on the exhaust nozzle unit. He was able to do first ever GE wind tunnel test of the Convair/CJ805 nozzle in the NASA Langley 16ft transonic wind tunnel. This was followed by many years of excellent working relationships between Langley and GE. Mr. Kutney's 33 years at GE was mainly concentrated in optimizing the installed performance of the aircraft/engine system. In addition, John served as marketing manger and was credited to winning the GE engine contact for Air Force One. John is an Associate Fellow of AIAA and is thankful to the General Electric company for providing this opportunity.

Time

11:45 AM

Location

China Garden Buffet
112 Woodman Dr.
Dayton, OH 45431

Lunch

**You will be able to
purchase the buffet**

