Erasmo Piñero
Propulsion Analysis, Bell Helicopter, Textron, Inc.

XC-142A Tiltwing: Origin, Construction and Test

March 10, 2016

Erasmo will discuss the origin, construction and testing of the Vought-Hiller-Ryan XC-142A tiltwing aircraft; which was tested locally by LTV (Vought) in the mid 1960s. Much has been written about this aircraft and tiltwing technology; so the briefing will attempt to capture the salient points of the technology as represented by this ultimate of all tiltwings. A basic “performance figures” comparison to the V-22 will also be included. Although the XC-142A was a very capable V/STOL aircraft, it is not a helicopter; however, the lessons learned on the test and development program (five aircraft were built for this purpose) may be useful to future applications of tiltwing technology and to similar V/STOL programs.

Location:

Texas Star
1400 Texas Star Parkway
Euless, TX 76040

Dinner Menu:
Home-style Pot Roast & Sides, Coffee, Tea, Water & Dessert,

<table>
<thead>
<tr>
<th>Social</th>
<th>6:00 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker/Dinner</td>
<td>6:30 PM</td>
</tr>
<tr>
<td>Price:</td>
<td></td>
</tr>
<tr>
<td>Members</td>
<td>$25</td>
</tr>
<tr>
<td>Member Couples</td>
<td>$45</td>
</tr>
<tr>
<td>Non-members</td>
<td>$35</td>
</tr>
</tbody>
</table>

Dress: Business Casual

For additional information on the dinner meeting or AHS please contact one of the following people:

Kyla Marshall (817) 280-4807
Hong Xin (817) 377-7504
Aaron Brieger (817) 377-7633
Zhenhong Jin (817) 590-6074
Christos Bais (817) 280-6969
George Havrilla (817) 280-4253

http://southwest.vtol.org/

Please call or email Kyla Marshall to RSVP at kmarshall@bh.com or 817-280-4807 by 5:00pm Thursday, March 3rd, 2016 if you plan to attend.