

# American Helicopter Society Southwest Chapter presents...



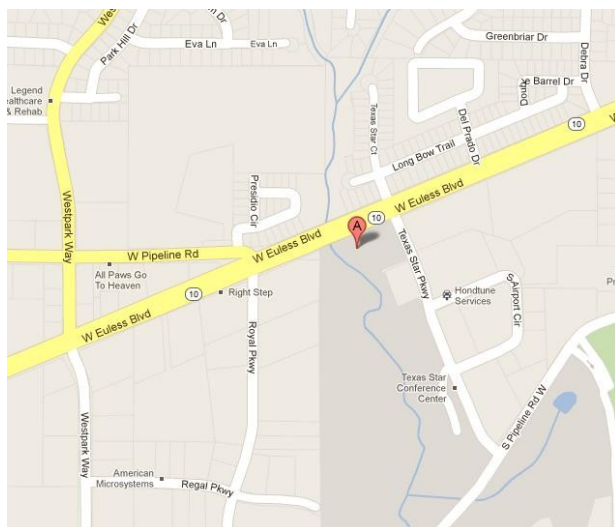
## Erasmus Piñero

Propulsion Analysis, Bell Helicopter, Textron, Inc.

### XC-142A Tiltwing: Origin, Construction and Test

**March 10, 2016**

Erasmus 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  
Eules, TX 76040

### Dinner Menu:

*Home-style Pot Roast & Sides,  
Coffee, Tea, Water & Dessert,*

	<b>Social</b>	<b>6:00 PM</b>
	<b>Speaker/Dinner</b>	<b>6:30 PM</b>
<b>Price:</b>	<b>Members</b>	<b>\$25</b>
	<b>Member Couples</b>	<b>\$45</b>
	<b>Non-members</b>	<b>\$35</b>

**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**

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<http://southwest.vtol.org/>

Please call or email Kyla Marshall to **RSVP** at [kmarshall@bh.com](mailto:kmarshall@bh.com) or 817-280-4807 by 5:00pm Thursday, March 3<sup>rd</sup>, 2016 if you plan to attend.