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## ***International Flight Test News***



### **General Atomics Demos Dynetics-Built Munition in Unmanned Aircraft Flight Test - California**

General Atomics' aeronautical systems business tested a Dynetics-built small glide munition aboard a long-range variant of the MQ-1C Gray Eagle unmanned aircraft system during a flight demonstration at a military test range. The GBU-69B lightweight munition works to defeat threats in multi-domain environments and reach extended distances at maximum altitude. The small glide munition will augment Gray Eagle Extended Range's mission capacities and survivability in austere environments. GE-ER features an expanded payload capacity and is designed to support system enhancements and future mission tasks. [GovConWire](#)

## ***Chapter News***



### **New SFTE Chapter in India**

The SFTE Board of Directors on 4 December approved a new international chapter in India with its first set of officers, listed below. Congratulations!

So far, this is only the second international chapter, the other being the SFTE European Chapter. There are currently 15 members in India.

**President: Vaibhav Patki<sup>M</sup>** , Consultant

**Vice President: Chandradee<sup>M</sup>** , Astra Rafael Com Sys

**Secretary/Treasurer: CM Santosh<sup>M</sup>** , Aerospace Engineering & Management Consultants India LLP



### **Seattle Chapter**

#### **Annual Holiday Party**

**16 December**

**6:30pm**

#### **Bellevue Brewing Company**

1820 130th Ave NE in Bellevue

FREE for SFTE members (includes dinner, drinks, and a raffle ticket!)

\$20 for non-members and guests

There will also be a trivia game with prizes, and of course your fellow flight test engineers will provide holiday merriment and excellent flight test stories. ("So there I was, doing crosswind landing testing on a frozen runway in a Jingle Industries Model 25 sleigh...")



### **European Chapter**

#### **SFTE European Symposium**

**European Test & Telemetry Conference - *Call for Papers***

**23-25 June 2020**

**Nuremberg, Germany**

[www.ettc2020.org](http://www.ettc2020.org)



**Abstract deadline 24 January 2020**

For ETTC, you are invited to submit an abstract (~200 words) to [papers@ettc2020.org](mailto:papers@ettc2020.org) along with the following information: author, contact information like company affiliation, email address, mailing address, and phone number. Papers will be judged based on their scientific and technical content, relevance to the scope of the conference and originality. An acceptance notification and instructions will be sent by **16 March 2020**.

Final manuscripts — not exceeding 10 pages in length — are required by **30 April 2020**. Please note that the conference enforces the “no paper, no podium” rule.

Contact Conference Chairman **Renaud Uri**<sup>M</sup> at [conference@telemetry-europe.org](mailto:conference@telemetry-europe.org)



**North Texas Chapter**

**Annual Business Meeting & Holiday Party**

**10 December, 2019**

**6:00 pm**

**Joe T. Garcias**

**FREE Margaritas & Dinner**



**Canadian Chapter**



**8<sup>th</sup> Annual Flight Test Seminar**

**12-13 December, 2019**

**International Test Pilots School**

**London, Ontario, Canada**

FREE to Canadian SETP and SFTE Members

Contact Kelly Morrison [kelly@itpscanada.com](mailto:kelly@itpscanada.com) for registration



**Giuseppe Afruni**

Keynote Speaker

Chief Test Pilot & Head of Flight Test Leonardo Helicopters



**Andreas Artono**

Transport Canada

*TCCA Flight Test activities*



**John Turner (F)**

ITPS

1. *Helmet Mounted Display Testing in Combat Aircraft*
2. *Direct Voice Input Controls Testing in Combat Aircraft*



**Gökhan Virlan, Ilker Uysal**  
Turkish Aerospace  
*T625 Gökbey Helicopter Flight Test Update*



**Don Grove<sup>M</sup> (M)**  
Bell  
*V-280 Valor: Highly Successful Results from a High-Performance Team*



**Dr. Panos Vitsas<sup>SM</sup>**  
ITPS  
*Flight Testing Stealth - Guidelines for Radar Cross Section (RCS) testing*



**Terry Lutz<sup>M</sup> (F)**

*Crosswind Testing of Transport Aircraft*



**Dan Canin (AF)**

Lockheed Martin

*F-35 High Angle of Attack Flight Control Development and Flight Test Results*



**David Mitchell<sup>M</sup>**

ITPS

*Defining Pilot Gain*



**Maurice Girard (F)**

Bombardier

*High Speed – High Risk Flight Testing: A 25 Year Perspective and Lessons Learned.*





**Claude Lelaie**

Airbus (Ret.)

*Flight Displays on Large Aircraft*



**Lars Peter**, Amazilia Aerospace

**Giorgio Clementi<sup>M</sup> (M)**, ITPS

*5STA and ACE, tools for 5th gen. fighter test pilot training*



**Jean-Philippe Cotett**

Airbus

*Beluga XL Development Flight Tests Campaign*

**SFTE Technical Paper Database**



SFTE Technical Paper Database: [http://zdana.net/SFTE\\_papers\\_database\\_advanced\\_search.html](http://zdana.net/SFTE_papers_database_advanced_search.html)  
The database is only for SFTE, SETP, and FTSA members.



## **Flight Test Society of Australia Tech Paper Database**

The Flight Test Society of Australia (FTSA), a united organization Australian FTEs and test pilots, and SFTE share the vision of improving flight test safety and lessons learnt through enhanced cooperation between these professional flight test organisations. As part of this objective, FTSA and SFTE have reached a reciprocal agreement to share our technical papers between our respective memberships. There are currently 21 technical papers in the FTSA database.

## **Membership**

### **50<sup>th</sup> Anniversary Member Renewal Items for 2019!**

Make sure you renew your membership this year to receive the following member items to celebrate the 50<sup>th</sup> Anniversary of SFTE.

Don't worry, if you would like to renew early to receive your items early your membership will be extended from its annual due date.



**50<sup>th</sup> Anniversary Patch for all Members**





**50<sup>th</sup> Anniversary Personalized Member Certificate** for Members, Senior Members, and Fellows  
This classic format from the beginning of SFTE returns but with the special 50<sup>th</sup> Anniversary logo designed by the SFTE Coastal Empire Chapter.

## **In Memoriam**



### **Bob McShea**

*27 December 1953 – 23 November 2019*

F-4 Weapons Systems Operator, USAF; Test and Evaluation Engineer, Systems; X-29 Forward Swept Wing Demonstrator; Lead Systems Test Engineer F-14D Super Tomcat; Group Manager Systems T&E Grumman Corp; SME Avionics Test Grumman Technical Services; Senior Test Engineer B-2 RADAR Northrop-Grumman; Deputy Director for Systems Instruction, Test National Test Pilot School; Author, Test and Evaluation of Aircraft Avionics and Weapons Systems, SciTech Publishing March 2010 and second edition under publisher the IET, October 2014. [Obituary](#)

### **Join/Renew SFTE membership**

SFTE Member Level denoted as Exponent (SETP in parenthesis)

ST - Student Member

AL – Affiliate Member

AS – Associate Member

M – Member

SM – Senior Member

F – Fellow

(HF) – Honorary Fellow

(PAM) - Provisional Associate Member

For more info on SFTE member grades & to apply for upgrade:

<http://www.sfte.org/membership-individual/>

## **2019 Calendar**

### **6 December**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth, 6pm

### **10 December**

North Texas Chapter - Annual Business Meeting & Holiday Party, Joe T. Garcia's, 6pm

### **12-13 December**

Canadian Chapter - 8th Annual ITPS Flight Test Seminar London, Ontario, FREE to Canadian SETP and SFTE Members. Contact Kelly Morrison [kelly@itpscanada.com](mailto:kelly@itpscanada.com)

### **16 December**

Seattle Chapter - Annual Holiday Party, Bellevue Brewing Company, 6:30pm

## **2020 Calendar**

### **3 January**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

### **24 January**

ETTC Abstract deadline

South Florida Chapter - Miguel Iturmendi (Perlan Project)

### **7 February**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

### **21 February**

South Florida Chapter - Engineer's Week

### **6 March**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

### **16 March**

ETTC acceptance notification and instructions sent

### **20 March**

South Florida Chapter - Bill Fell (S97 Raider Testing)

### **3 April**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

### **17 April**

South Florida Chapter - Social

### **30 April**

ETTC Final Manuscripts Due

### **1 May**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

### **4-7 May**

SFTE/SETP/AIAA Flight Test Safety Workshop, Denver, CO

### **15 May**

South Florida Chapter - Andy Fama (UH-1N Testing)

### **5 June**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

### **23-25 June 2020**

SFTE European Symposium, European Test & Telemetry Conference - Nuremberg, Germany

### **26 June**

South Florida Chapter – Social

**3 July**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

**24 July**

South Florida Chapter - Carol Sugars (Alternative Energy)

**7 August**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

**21 August**

South Florida Chapter – Social

**4 September**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

**18 September**

South Florida Chapter - Weiss School (Presentation)

**2 October**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

**16 October**

South Florida Chapter – Social

**19-22 October**

51<sup>st</sup> Annual SFTE International Symposium, St. Louis, MO

**6 November**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth

**13 November**

South Florida Chapter – End of Year Function

**4 December**

North Texas Chapter/SETP - 1<sup>st</sup> Friday at the Flying Saucer, Fort Worth



**[Join/Renew SFTE membership](#)**

***Have some Flight Test news or Chapter Events to share?***

Just send as a reply to this email. Make sure it is public-released information and/or reference a news release. Include names of SFTE members contributing to the events.