



Sent to You as a Benefit of Your SFTE Membership

www.sfte.org

[Join/Renew SFTE Membership](#)

International Flight Test News



Falco Xplorer soars with first flight success – Sicily

Leonardo has completed a successful first flight of its Falco Xplorer unmanned air vehicle (UAV), with the roughly 60min sortie having been performed from Trapani air base on 15 January. The milestone event was conducted in conjunction with the Italian air force's test flight centre, and used segregated airspace in the Gulf of Trapani. Unveiled at the Paris air show last June, the Falco Xplorer has a projected 24h flight endurance at a service ceiling of over 24,000ft. With a 1.3t maximum take-off weight, the intelligence, surveillance and reconnaissance (ISR) asset is capable of carrying multiple sensors, with a maximum payload capacity of 350kg (795lb). Offered equipment includes Leonardo's Gabbiano T-80 surveillance radar, the company's Sage electronic intelligence suite, a turret-housed electro-optical/infrared sensor and an automatic identification system fit for monitoring maritime vessels.

[FlightGlobal](#)



SpaceX launches Crew Dragon escape test flight, destroys rocket on purpose – Cape Canaveral, FL
SpaceX intentionally destroyed one of its rockets on Sunday 19 Jan. as part of a crucial test of its new Crew Dragon capsule's launch escape system. The uncrewed test, known as an in-flight abort (IFA) test,

was the last major hurdle SpaceX needed to clear before Crew Dragon can begin to carry astronauts to and from the International Space Station (ISS). The Falcon 9 roared to life and after the planned launch abort was triggered 84 seconds into the flight the Falcon 9 exploded as planned and the remnants hit the ocean. Onlookers were hoping to see Crew Dragon descend under parachute, but unfortunately clouds obstructed much of the view.



Tony LeVier Flight Test Safety Award Request for Nominations

The Flight Test Safety Committee is soliciting nominations for the Tony LeVier Flight Test Safety Award. The deadline to submit a nomination is **30 March 2020**.

The Tony LeVier Flight Test Safety Award was established by the Flight Test Safety Committee (FTSC) to formally recognize a single individual, or small group of individuals, who, over some period of time, has made a significant flight test safety contribution to the flight test community as a whole, an organization, or a specific program. This award is not meant for entire organizations as there are other professional organizational awards in that category. Nominations for the Tony LeVier Flight Test Safety Award are reviewed by the Flight Test Safety Committee and the most deserving nominee from the past year is selected. The recipient(s) is announced at the North American Flight Test Safety Workshop in the spring of each year. The distinctive flight helmet trophy (pictured below) is officially presented by the corporate sponsor of the award (The Gentex Corporation) at the Society of Experimental Test Pilots (SETP) Annual Awards Banquet in the fall.

Criteria and nomination information can be found [HERE](#).



2020 Flight Test Safety Workshop - Call for Presentations

2020 Flight Test Safety Workshop

5-7 May 2020

Denver, Colorado

DoubleTree by Hilton Hotel Denver Tech Center

Come join us in the Mile High City as we focus on Safety Promotion, the 4th major component of the Safety Management System (SMS). We want to hear from test organizations on their successes or

challenges in providing necessary training for testers and the means to ensure safety-critical information is shared broadly. Perhaps share your SMS implementation strategy and the tools/methods that paved the way for a positive safety culture. In short, tell us what “Tough and Competent” means to your organization.

Presentations should be limited to 25 minutes. Please send presentation/briefing proposals to the 2020 Flight Test Safety Workshop Chairman, Jeff Mabry via Susan@setp.org . If you should have any questions regarding submitting an abstract please contact Susan Bennett.

The deadline for abstracts is **10 February 2020** to allow time for appropriate consideration and inclusion in the program.

Hotel Information:

DoubleTree by Hilton Hotel Denver Tech Center
7801 E Orchard Rd
Greenwood Village, CO 80111
Phone: (303) 779-6161

A limited block of rooms is reserved at the government per diem rate of \$181.00 per night. Please visit: <https://www.setp.org/symposium/meetings/workshop/> to book your room. Please reserve your room by **12 April 2020** in order to guarantee this rate.



Chapter News



Antelope Valley Chapter

Wednesday, 29 Jan.

Bravery Brewing

5:30pm

42705 8th Street West

Lancaster, CA 93534



European Chapter



31st SFTE European Chapter Symposium

Call for Papers - Aviation in the 2020's

Future Challenges for Flight Testing and Certification

European Test & Telemetry Conference - *Call for Papers*

23-25 June 2020

Nuremberg, Germany

www.ettc2020.org



The human influence on Earth's nature and the development of environmentally friendly technologies lately got into the focus of general public. The aerospace industry has been working for a long time to reduce CO2 footprint, investigating electric mobility and future means of transportation like unmanned air taxis. One can follow projects like clean sky, all electric aircraft, fellowFly and many more. Some of these require radically new ways of thinking:

- Does it make sense to test one-engine-out climb performance on an electric aircraft with 36 of them?

- How to certify single/no pilot cockpits?
- How to organize air traffic in cities full of personal commuter drones or airliners flying in fuel-saving formation?

Abstracts

Abstracts of ½ page are welcome in PDF format, papers reflecting the above theme will be favoured.

The abstract should include:

- Title of the paper, author(s) name(s), organisation, E-mail address, phone number
- Scope, objectives
- Major conclusion(s)
- Attachment: short author(s) biography

Requested Topics Include

- Test techniques for unconventional aircraft configurations
- Challenges for design and test of future air vehicles
- Certification requirements
- Air Traffic Control
- Experiences and Lessons Learned helping future projects to succeed
- Topics outside main scope will also be considered for acceptance

Abstract Deadline 15 March ~~April~~ 2020 for SFTE European Symposium Only

Send Abstracts to: symposium2020@sfte-ec.org

Notification of paper selection: 15 April

Final paper submittal due: 31 May 31st

Abstract deadline 24 January 2020 for ETTC Section Only

For ETTC you are invited to submit an abstract (~200 words) to 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 Urli^M** at conference@telemetry-europe.org



SETP Technical Paper Database Now Accessible to SFTE

Members

The Society of Experimental Test Pilots is happy to announce that SFTE Members now have access to the SETP Technical Paper Database through a special guest login. This access is part of a reciprocal

agreement and SETP hopes that sharing content between the two organizations will help better serve the Flight Test Community. This access is a benefit of SETP and SFTE Membership, so please be sure to keep the login private. Should we feel the guest login has been compromised, we will reset the credentials and reevaluate how we share the login information.

Note: although you may see the SETP Members Menu Tabs on the left-hand side of the screen, SFTE Guests only have access to the Paper Search.

If you have any questions or issues, please contact Susan Bennett, susan@setp.org

Sincerely,

Bill Gray (F)

President, The Society of Experimental Test Pilots

SFTE Technical Paper Database



SFTE Technical Paper Database: http://zdana.net/SFTE_papers_database_advanced_search.html

The database is only for SFTE, SETP, and FTSA members.

Non-members can purchase tech papers for \$15 each at: <https://www.123signup.com/register?id=rszxv>

Jobs



Flight Test Engineer

De Havilland Aircraft of Canada is currently searching for a Flight Test Engineer to join its team in Toronto. This role will report to the director, flight operations. The Dash8-400 program has nearly 600 aircraft flying in over 40 different countries with over 40 operators. This is your chance to join a well-established team of highly experienced professionals developing new designs for tomorrow's turboprop aircraft.

<https://www.aerospacetestinginternational.com/job/flight-test-engineer-6>



Senior Flight Test Engineer Job Opening

Joby Aviation is a leader in the world of commercial eVTOL for the urban mobility market. Operating in secret for the last 10 years, few are aware of Joby's progress, with a full scale aircraft currently in piloted flight test and very significant investment funding secured.

Joby's all electric VTOL airplane will transport 4 passengers and one pilot more than 100 miles, at up to 200mph, and is targeting FAA certification by the end of 2022.

Operating from Santa Cruz in the San Francisco Bay area, Joby is seeking an experienced flight test engineer to lead flight test execution for Joby. We are looking for the highest caliber of individual, with exceptionally strong intellectual, technical and engineering skills, as well as a huge drive and a determination to work on one of the most exciting aerospace projects of our time.

Further details can be found on the job posting here:

https://hire.withgoogle.com/public/jobs/jobyaviationcom/view/P_AAAAAADAADeC-VyyLOhqde



International Test Pilots School

London, Ontario, Canada

Immediate Openings

1. Aircraft Life Saving Equipment Engineer (ALSEE) – salary \$77,896
2. Tactical Flight Instructor – salary \$120K to \$140K
3. Flight Test Engineer and Instructor – salary \$115K to \$150K
4. Flight Test Instrument Technician – salary \$77,896
5. Flight Test Instructor – salary \$140K to \$175K

Applicants please email: shelly@itpscanada.com

For more details: <http://sfte.org/jobs/>

All figures in Canadian dollars

Membership

SFTE Members Around the World

Check out the new Interactive SFTE Member Map at our website:

<http://www.sfte.org/interactive-map/>



Thanks to **Peter Scheidler**^F for the idea and our SFTE HQ Intern **Winston Thompson** for programming.

Membership By Chapter

At Large 159

- Argentina 1

- Australia 24

- Brazil 5

- China 2

- Japan 3

- Korea 1

- Malaysia 1

- New Zealand 1

- South Africa 1

- South Korea 1

- USA 119

Antelope Valley 141

Canada 31

Central Florida 7

China Lake 4

Coastal Empire 20

Emerald Coast 34

Europe 198

India 11

Los Angeles 25

New Mexico 6

North Texas 69

Patuxent River 113

Rocket City 36

Seattle 123

South Florida 30

St. Louis 14

Virginia Tech Student Chapter 11

Wichita 60

Wright 25

1117 TOTAL Current Members

[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/>

2020 Calendar

24 January

ETTC Abstract deadline (ETTC Section Only, not SFTE)

29 January

AV Chapter – Bravery Brewing, 5:30pm

7 February

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

10 February

Flight Test Safety Workshop Abstracts due

21 February

South Florida Chapter - Engineer's Week

6 March

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

15 March April

SFTE European Chapter Symposium Abstracts due, symposium2020@sfte-ec.org

16 March

ETTC acceptance notification and instructions sent

20 March

South Florida Chapter - Bill Fell (S97 Raider Testing)

30 March

Tony LeVier Flight Test Safety Award nominations due

3 April

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

12 April

Hilton DoubleTree reservations due for Flight Test Safety Workshop, Denver, CO

17 April

South Florida Chapter - Social

30 April

ETTC Final Manuscripts Due

1 May

North Texas Chapter/SETP - 1st 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)

31 May

SFTE European Chapter Symposium final papers due

5 June

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

23-25 June 2020

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

26 June

South Florida Chapter – Social

3 July

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

24 July

South Florida Chapter - Carol Sugars (Alternative Energy)

7 August

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

21 August

South Florida Chapter – Social

4 September

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

18 September

South Florida Chapter - Weiss School (Presentation)

2 October

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

16 October

South Florida Chapter – Social

19-22 October

51st Annual SFTE International Symposium, St. Louis, MO

6 November

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

13 November

South Florida Chapter – End of Year Function

4 December

North Texas Chapter/SETP - 1st 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.

Shop at <http://smile.amazon.com/ch/81-4777138> and Amazon donates to Society Of Flight Test Engineers Foundation.

