7th European Flight Test Safety Workshop
29 - 31 October 2013 – Amsterdam, The Netherlands

HMI and Flight Deck Design

Programme
Introduction
The 7th European Flight Test Safety Workshop of the FTSC is held at the National Aerospace Laboratory NLR premises in Amsterdam, The Netherlands from 29 to 31 October 2013. The organization committee wishes you a fruitful and enjoyable stay in Amsterdam.

Registration
Registration for the workshop can be done online on a secure website of the Society of Experimental Test Pilots (SETP), www.setp.org. Alternatively, registration can be performed on site. Payment is by credit card.

Sponsors
The workshop organization is supported by contributions from Gulfstream, SAAB, the Royal Netherlands Air Force and NLR.

Contact and connection details
Before, during or after the event, if you have any questions please contact the chairman Arun Karwal by mail (arun.karwal@nlr.nl) or by (mobile) phone +31-(0)88-511 3177.

During the event free WiFi and a PC with printing facilities will be available.

Attire
The workshop organization tries to promote an open atmosphere where discussions are welcomed. To enhance this atmosphere, Business Casual attire is requested. For the diner a Jacket and Tie applies.
# 7th European Flight Test Safety Workshop

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<th>Date</th>
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## PROGRAMME 28 OCTOBER

**Monday 28th October 2013 – Eden/Rembrandt Hampshire Hotel**

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<td>Welcome Reception, Eden/Rembrandt Hotel Soprano’s Pianobar</td>
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## PROGRAMME 29 OCTOBER

**Tuesday 29th October 2013 – Technical Sessions NLR Auditorium**

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<td>Eden Rembrandt Hampshire Hotel pick-up</td>
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<td>Registration</td>
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**Session 1 “Lessons Learned” – Chair: Gerry Whites (Chairman FTSC)**

1. Cockpit Displays of FTI Data to Increase Efficiency and Safety – A Look Back and Forward.  
   Jim Sandberg (Former President, SETP)  
   **10:00 – 10:45**

2. Avionics Upgrades RNLAF (K)DC-10: Lessons Learned.  
   Lt.Col. Hielke Bosma (MAA-NL)  
   **10:45 – 11:30**

   Paul Donovan & Jake Howard (Gulfstream)  
   **11:30 – 12:30**

**Session 1 “Lessons Learned” Discussion Forum**  
**12:30 – 13:00**

**Lunch – Buffet**  
**13:15 – 14:00**

**Session 2 “Flight Deck Design, Certification and Experience” – Chair: Bob Mulder**

1. Information displays in Aerospace: Past, Present, and Future.  
   Dave Carbaugh & Gerry Whites (Boeing)  
   **14:00 – 14:45**

2. Confusion on the flight deck.  
   Aldo Montanari (Air Seychelles)  
   **14:45 – 15:30**

3. Human Factors Certification of modern flight decks.  
   Gerard Temme (Certiflyer / EASA)  
   **15:30 – 16:15**

**Session 2 “Flight Deck Design, Certification and Experience” Discussion Forum**  
**16:15 – 16:45**

**Reception & Amsterdam Canal Tour.**  
**Boarding at NLR, disembark at Eden/Rembrandt Hotel.**  
**17:00 – 19:00**
PROGRAMME 30 OCTOBER

Wednesday 30th October 2012 – Technical Sessions NLR Auditorium

Eden Rembrandt Hampshire Hotel pick-up 08:30

Session 3 “Novel Concepts” – Chair: Jim Sandberg

1. Evolving Rotorcraft Cockpit Designs.
   Herb Moran (Augusta Westland) 09:00 – 09:45
2. Warning the pilot for PIO – a solution to avoid instability?
   Marilena Pavel (ARISTOTEL EU Project) 09:45 – 10:30
   Jens Heider & Robert Geister (DLR) 10:30 – 11:15

Break 11:15 – 11:45

   Mark “Forger” Stucky (Scaled Composites) 11:45 – 12:30

Session 3 “Novel Concepts” Discussion Forum 12:30 – 13:00

Lunch – Buffet 13:15 – 14:00

Session 4 “Learning and Training” – Chair: Dieter Reisinger

   Prof. Max Mulder (Delft University) 14:00 – 14:45
   Knut Lande (Landavia Ltd.) 14:45 – 15:30
3. Cockpit Development and Assessment, a Test Pilot School perspective.
   Terts “Stevie” Van Den Berg (ETPS) 15:30 – 16:00

Session 4 “Learning and Training” Discussion Forum 16:00 – 16:30

FTSC Europe Business Meeting 16:30 – 17:00

Bus transport from NLR to Eden/Rembrandt hotel departs NLR at 17:00

Symposium Dinner at the “Odeon Theatre” (aperitif starting at 19:00) 20:00 – 22:00

Diner Speaker: Harry “Slinger” Van Hulten
This year the Royal Netherlands Air Force commemorates its 100th anniversary. Gilze-Rijen Air Base is one of the oldest airfields in the Netherlands, the first aircraft to have landed there being a Blériot in 1910. The first military aircraft activity dates back to 1913, when a Farman aircraft used the field for military exercises which established it as a military airfield. Today it is mainly, but not exclusively, used as a base for attack helicopters and is home to 3 operational and 6 support squadrons. Gilze-Rijen is the home of the Defence Helicopter Command (DHC) and it houses all RNLAF Rotary Wing flight test activities.

The DHC supports the entire Defence organisation, among others the Air Mobile Brigade, the Marine Corps, the Special Forces and Special Security Brigade of the Royal Marechaussee. It also provides support for UN and NATO operations in out-of-area deployment theatres.
Travel information

Travel to NLR

NLR address
Anthony Fokkerweg 2
1059 CM Amsterdam

Tel. +31 88 5113113
Fax +31 88 5113210
Web site: http://www.nlr.nl

By taxi
Take a taxi outside Schiphol airport building at the arrival level. It takes approximately 12 minutes to arrive at NLR.

By train/bus/metro
- From Amsterdam Airport Schiphol: train to Amsterdam Lelylaan or Amsterdam Zuid WTC, metro 50 (direction Gein) to Henk Sneevlietweg.
- From Amsterdam Central Station: tram 2, Hoofddorpplein.
- From Amstelstation: bus 15, Hoofddorpplein.
- From Station Sloterdijk and from Station Zuid/WTC: metro 50, Henk Sneevlietweg.
- From Station Lelylaan: metro 50, Henk Sneevlietweg.
- From Hoofddorp: bus 145 (NZH), Naaldwijkstraat.
- From Hoofddorp: bus 23, 145 (NZH), Naaldwijkstraat. From Hoofddorp to NLR is a ten-minute walk, see map 3. Use of tramline and buses require special tickets that can be bought at the drivers’ place, at many tobacco shops or at any railway station ticket office like at Schiphol airport.

By car
- From SCHIPHOL AIRPORT direction: follow road sign A4 until right hand exit S107 (Schinkel). Turn right at end of exit. Follow this road with its mainly two left curves. After this second left turn you are on the road named “Johan Huizinga laan”, see map 2, follow this road until arriving at possibility to make a real RIGHT road turn, as indicated with big sign A10 and sign “S107 SCHINKEL which “points to the right. Take this turn right into road “Henk Sneevlietweg”. Continue this road straight ahead. Pass metro station, cross the mainstreet road using the traffic lights and directly after this crossing go into right lane. Then turn right twice and you are on the street “Anthony Fokkerweg” with NLR on the lefthand side. Parking locations are available.
- From Utrecht (A2) direction: first follow the main road A10 with a WHITE sign “Ring A’dam”-direction “Den Haag”, until there is only the presented direction “Zaanstad Alkmaar S107 SLOTEN” on this white ring sign (See map 1). Go into this Zaanstad/ Alkmaar direction and directly when heading north take the exit lane which starts near the end of this turn at the inside right! Do not miss it! At the end of this exit lane turn right. Stay in right lane and then turn again right twice and you are on the street “Anthony Fokkerweg” with NLR on the lefthand side (see map 2). Parking locations are available.
Map 1 – General Road Map

Map 2 – Detailed Road Map
Travel to Odeon Theatre (dinner location)

Address
Odeon, Singel 460, 1017 AW Amsterdam

By tram
Take tram 1, 2 or 5, stop Koningsplein.

By car
Follow ringroad A10 exit S100 Centrum. Parking either in Parking Garage “De Kolk” (Nieuwezijds Kolk), “Stadhuis/Muziektheater” or “Reguliersdwarsstraat”