



INFORMASJON FRA ATM NORGE

Nyhetsbrev juni 2019

Nytt fra Indra Navia AS:

Manchester Airport to improve ground safety with safety nets from Indra

Ground safety at Manchester Airport will improve as new functionality is implemented to their A-SMGCS, InNOVA Ground from Indra. In collaboration with Manchester Airports Group (M.A.G.) and their air navigation service provider NATS, Indra will add safety nets that automatically alert the air traffic controller if potential hazards are detected.

During the project, InNOVA Ground will be upgraded to include functionality such as Runway Monitoring and Conflict Alerts (RMCA), which alerts the controller of potential conflicts on or near the runway. The controller will also be automatically alerted in case of conflicting ATC clearances (CATC), or if the system detects non-conformance to procedures or clearances (CMAC).

The upgrade will lead to improved ground safety and higher punctuality as air traffic controllers get better situational awareness.

The project is co-funded by EU's Innovation and Networks Executive Agency, INEA, as part of the SESAR Pilot Common Project (PCP). It is expected to go operational in 2020.



Nytt fra Jotron AS:

I en pressemelding den 29. mai, skriver de:

Jotron launches an emergency VHF AM handheld radio

Jotron, a leading manufacturer of safety communication products and solutions announces their worldwide release of an innovative and unique Emergency VHF AM handheld radio - Tron TR30 Air. The radio will be launched at Nor-Shipping in Oslo.

Jotron is committed to maritime safety technology research and development. After an extensive development program, Jotron is pleased to announce the release of the world's only emergency VHF AM handheld radio, designed and approved according to the IMO MSC.80(70). The Tron TR30 AIR is also compliant with SOLAS 74 reg. IV/7 and is a mandatory safety emergency radio on any SOLAS passenger, MODU and Polar Coded vessel.

The Jotron Tron TR30 AIR is delivered complete with a sealed emergency battery, test battery, hand strap and a holder for the radio and battery. The robust design more than meets the typical maritime requirements. The added advantage with this radio is that it floats with either battery. An innovative noise cancelling microphone filters background noise and includes a high output loudspeaker. This combination provides clearer communication with Air Search & Rescue services in extreme environments.

The Tron TR30 AIR radio handset can be used with several optional waterproof speaker-microphone accessories for hands-free use during noisy aircraft operations.

A product launch will take place on the 4th June at Nor-Shipping. We welcome everyone from vessel owners and operators, classification society radio surveyors, to GMDSS equipment distributors, to visit stand B01-20 for a demonstration.

To purchase this radio, contact your local Jotron Area Sales Manager.

For more information, contact Vegar Ek Pettersen, Maritime Sales Manager - tel: +47 3313 9700



Nytt fra Sintef Digital

SINTEF Digital arrangerer en åpen dag hos SINTEF Oslo 26/9

1000 – 1045 Welcome and introduction

- Welcome, *Vice President M. Dalsmo (TBC)*
- SINTEF mobility initiative, *Beate Kvamstad-Lervold*
- Introduction, *Trond Bakken*

1045 – 1115 Demo 1

- Advanced Surface Routing and Safety Nets, *Markus Brachner*

1115 – 1145 Coffee

1145 – 1215 Presentations

- Measuring the effect of human performance on safety, environmental and economic inputs using advanced FDM (Flight Data Monitoring), *Stian Antonsen*
- AIRM, *Joe Gorman*
- IRIS, *Karin Bernsmed*

1215 – 1245 Demo 2

- Remote Tower enhancements, presentation + demo, *Oliver Barrowclough*

1245 – 1330 Lunch

1330 – 1400 Demo 3

- PJ 04 Enhanced Collaborative Airport Performance Management at Gardermoen, *Dag Kjenstad*

1400 – 1415 Presentation

- Helicopter safety studies, *Tony Kråkenes*

1415 – 1445 Demo 4

- ANYWHERE-risk based decision support – presentation and demo, *Erik Nilsson*

1445 – 1530 Coffee - discussion

Mer info og påmeldingsskjema finner dere her; <https://www.sintef.no/en/events/sintef-open-day-aviation-2019/>

Velkommen!

Nytt fra Integra Aviation Academy Norway

Integra Aviation Academy Norway now certified as an Air Traffic Controller training organisation

In addition to offering simulator training to Air Navigation Service Providers (ANSPs), the Integra Aviation Academy in Norway, Oslo (IAAN) can now offer initial training for Air Traffic Controllers (ATCO) as well as training of instructors and assessors. The certification was given by the Norwegian Civil Aviation Authority (CAA) according to EU 2015/340 in March this year and the first course is planned to be held this autumn.

‘We are very pleased with the certification. Although there are many ATCO training centers offering the same as we do, we believe that our offer is unique. In the near future we will open up for individual training so that private persons can enroll for courses to obtain student air traffic controller license without having to go through an ANSP’, says Accountable Manager of the training center Henrik Schjøberg.

With 800 square meters of state-of-the-art training simulators, devices and facilities, IAAAN will be an important player on the ATCO training market. But there is more to it than that. IAAAN is part of the small-sized company Integra Aviation Academy in Denmark and the size of the company brings some advantages. Managing Director of Integra Aviation Denmark (IAAD) Nina Banke Rasmussen explains: ‘There is a general lack of ATCOs in Europe. A small center allows for flexibility and hence the possibility of offering both small and large courses with short notice. We can adapt to market conditions very quickly’.

IAAN was established in 2015 with a large ATC simulation center in Oslo with the purpose of offering simulator training for Tower and Approach. The training center serves 20 airports in Norway with ATCO training. IAAAN also has simulators for ground training (2 GND CWP’s) stationed at Oslo Airport Gardermoen and a tower simulator in Odense Airport, Denmark, which is used for Aerodrome Flight Information Service (AFIS) training provided by the mother company IAAD. All simulators are remotely operated from IAAAN’s simulation center at Fornebu, Oslo, using highly skilled simulator pilots from Norway and Denmark.



Classrooms in Integra Aviation Academy Norway.



The 360° Valhalla simulator that serves 20 airports in Norway with ATCO training.

- Integra Aviation Academy Norway (IAAN) was established in 2015
- On 13 March 2019 IAAN was certified as an Air Traffic Controller Training Organisation according to EU 2015/340 by the Norwegian Civil Aviation Authority. The authorisation includes ATCO initial training (Basic ADI/ADV), practical instructor training and assessor training.
- The training centre is in the former airport Fornebu in Oslo.
- IAAN has currently 20 employees.
- Customers include Avinor Flysikring AS, The Royal Danish Air Force and ACR.

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Årets ATM Konferanse var preget av mange innslag om flyving av droner i (u)kontrollert luftrom.

Ifølge Avinor flysikring AS er over 400.000 nordmenn eier av en drone.

Samtidig øker antall anmeldelser på grunn av ulovlig flyvning innenfor sikkerhetssoner rundt lufthavner. Her beskriver de hvordan du skal fly en drone uten å bli politianmeldt.



-Vi har hatt flere hendelser hvor droner har ført til stenging av luftrom. I fjor sommer hadde Avinor Oslo lufthavn to droner på samme dag. Da måtte flygelederne delvis stenge luftrommet for å ivareta flysikkerheten. Dette førte naturligvis til forsinkelser og enkelt fly måtte omdirigeres, men sikkerheten kommer alltid først, sier Remi Willassen, sjeflygeleder ved tårnet på Oslo lufthavn.

Politiet varsler strenge reaksjoner

Fordi ulovlig dronebruk kan medføre store konsekvensene – både økonomisk og sikkerhetsmessig – varsler politiet strenge reaksjoner overfor dem som bryter forbudet.

- Konsekvensen kan være bøter, inndragning av utstyr, og i ytterste konsekvens også fengselsstraff, sier politistasjonssjef Grethe Løland ved Gardermoen politistasjon.

Hun sier politiet prioriterer meldinger om ulovlig droneflyging ved flyplasser høyt, og at overtredelser vil bli straffeforfulgt.

- Vi ser at både fritidsbrukere og profesjonelle aktører bryter loven. Ofte er det uvitenhet som er årsaken, og derfor går vi også ut sammen med Avinor for å informere om hvordan man flyr droner lovlig, sier Løland.

Tommelfingerregel: Under 120 meter over bakken og 5 km fra flyplasser

Kort fortalt kan man ikke fly nærmere enn 5 kilometer fra flyplasser, eller høyere enn 120 meter over bakken uten å ha fått godkjenning til dette. Det er også en rekke andre restriksjonsområder hvor det i utgangspunktet er ulovlig å fly, som for eksempel i Oslo sentrum.

- Vårt råd er derfor at alle dronebrukere oppsøker informasjon på Avinors og Luftfartstilsynets nettsider, samt portalen safetofly.no for å sette seg inn i gjeldende regelverk, sier Erik Lødding, kommunikasjonssjef i Avinor Flysikring.

Nyttige lenker

Avinor: <https://avinor.no/en/corporate/at-the-airport/droner/>

Luftfartstilsynet: www.dronelek.no

UAS Norway: www.safetofly.no/

News from Momberger Airport Information - www.mombergerairport.info

Europe is to develop standards to embed artificial intelligence (AI) technology into future ATC operations and also pave the way for single-pilot operations. AI is a new domain where technologies combine the raw computing power of machines with the cognitive power to reason, learn and make decisions and is recognised as becoming increasingly important in the aviation sector. AI technologies are developing fast and are becoming increasingly accessible. They provide attractive future capabilities thanks to a significant increase in processing power in recent years, allowing them to perform certain tasks as well as or better than a human. EUROCAE has agreed to form a working group following this year's EUROCAE Symposium and 56th General Assembly which took place in April. Christian Schleifer-Heingaertner, secretary general of EUROCAE, said: "AI is now something that our members feel is at a stage where, because they are using it increasingly in their products, they need a standard which might also serve in the future for certification by the European Aviation Safety Agency (EASA)."

The move is being driven by the leading European manufacturers of airborne equipment – although ground equipment manufacturers are understood to be looking at AI as well. Schleifer-Heingaertner said that although procedures between the two are different - which could eventually mean two different documents - the EUROCAE working group will start working on one sole document. "We have standards for cyber protection in software and standards for AI may well develop in the same way – not the product but the process behind it," he said. #1099.ATC6

Ground safety at Manchester Airport (MAN) in the UK is set to be improved thanks to new functionality of its A-SMGCS, InNOVA Ground from Indra. In collaboration with Manchester Airports Group (MAG) and NATS, Indra will add safety nets that automatically

alert the air traffic controller if potential hazards are detected. During the project, InNOVA Ground will be upgraded to include functionality such as Runway Monitoring and Conflict Alerts (RMCA), which alerts the controller of potential conflicts on or near the runway. The controller will also be automatically alerted in case of conflicting ATC clearances (CATC), or if the system detects non-conformance to procedures or clearances (CMAC). The upgrade is expected to lead to improved ground safety and higher punctuality as air traffic controllers get better situational awareness. The project is co-funded by EU's Innovation and Networks Executive Agency, INEA, as part of the SESAR Pilot Common Project (PCP). It is expected to go operational in 2020. #1098.ATC8

Vi ønsker alle våre lesere en riktig



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