# Aircraft recovery

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## Ole J. Hansen

- 1971 1989. Asker Fire Brigade. (Municipal.)
  Fire fighter fire officer BA Amublance etc.
  Fire Prevention dep.
- 1989 1991. Norwegain Fire Academy.
- 1991 1998. CAA Head Office. Head of Rescue and fire fighting section. 44 airports owned by Luftfartsverket. (Avinor.)
- 1998 2013. Fire Chief. Oslo Airport.
- 2013 ? Senior Advicer ARFF.

#### CTIF

- Rescue and fire fighting on Airports Commission.
- Member since 1999.
- Chairman 2006 2010 and 2014 2018.
- Vice President CTIF
- Member of Executive Committee

## Agreement Oslo Airport (OSL) - SAS

- An aircraft recovery accident will be handled by Oslo Airport and SAS together.
- SAS has technicians and big rescue equipment.
- OSL has smaller equipment and manpower. (ARFF.)

What happens when a airplane stops on or nearby the runway.

- Rescue and firefighting dep. respond to the accident.
- On arrival ARFF commander decides to ask for the recovery plan to be put into effect.
- ARFF commander calls via the alarm central at the airport the head director of airport.
- He calls SAS' head director.
- SAS technician and recovery team is alarmed and start working.
- ARFF at the airport starts getting out equipment.

# Before SAS/Oslo Airport moves the airplane.

- 1. Airplane accident. CAA authorities and police must have finished their investigations.
- 2. Aircraft removal incident.
- A) The airline company involved is asked if they will move the airplane themselves.
- b) The company is also asked if they will send their own technician.
- 3. The involved airline company is not able to move the plane themselves.
- 4. OSL decides to move the airplane. Recovery plan is put in action.

#### Recovery equipment.

- SAS.
- Recovery cushions (15-25-40 tons.) Lifting straps.
- + Recovery team and technician.
- OSL ARFF. Towing mats. Rescue tools. + manpower (fire fighters.)
- OSL Maintenance dep. Machines, lorries etc.
- External companies. Cranes etc. Agrements necessary.

#### Exercises.

- Exercises between SAS recovery team and the airports fire fighters important.
- Agreement says one yearly exercise.

#### AVINOR.

- Avinor is the owner of more than 40 airports all over Norway.
- Oslo Airport the largest with 24 mill. pax. Cat. 9.
- Most of the airports are cat.5.

# Agreement for all the Avinor airports.

- Aircraft recovery incident at one of the airports.
- The incident airport calls Oslo Airport.
- Equipment and trained personnel is sent out from OSL.
- (OSL fire fighters and SAS recovery team.)
- Transport:
- Either by airplane or by road.

### Thank you for listening.