SAR in Norway
From Sea King to AW101

By Major Fredrik Jomaas
Deputy Commander 330 SQD RNoAF
Westland Sea King
- 12 aircraft
- Service since 1973
- 179 500 flight hours
- 40 000 missions
- No fatalities during missions

Data
- AUW 21400lbs / 9600kg
- Cruise speed 100-110 KIAS
- Ceiling PA 8000 (demonstrated)
- Dual hoist (245 ft)
- EO/IR
- Crew 6
AW101-612 – KEY FEATURES

- Full Ice Protection
- Active Vibration Attenuation (ACSR)
- 30minute Dry Run capability XMSNs
- BERP III MRB
- Ground Clearance Ca. 500mm
- Sliding door, Crew Door & Ramp
- 183 cm Cabin height
- 3 Observation Windows
- Crashworthy Structure, Seats, Fuel System

AW101-611 “CSAR” as baseline for certification
AW101-612 – KEY FEATURES (NORWAY)

- No folding MRB
- Engine Configuration (3x GE CT7-8E)
- Fully articulated Tail Rotor (NEW)
- New Automatic Flight Control System*
- New AESA 3x Flat Panel Radar
- Low maintenance workload program

* Including Hover Trim Controller (HTC)
AW101-612 – KEY CABIN FEATURES

SAR LAYOUT

- Crew Galley & Relief Facilities
- Flexible Cabin Arrangement
- Adjustable, Rotating & Traversing Crew Seats
- Wet Storage Adjacent to Rescue Station
- Dedicated System Operator Console Area
- Wireless Passenger & Crew Intercom
- Rear Ramp Stowage Area
- Stretcher Compatibility with Ground Ambulance
- Dual Trauma Station (Gas & Air Provisions)
- Flexible / Adaptable Medical Rail System

Luftforsvaret
330 skvadron
Milestones
2017 – First aircraft received
2018 – OT&E
2018 – Base 1 Sola (Stavanger)
2019 – Base 2 and 3
2020 – Base 4, 5 and 6

«Transfer of 45 years of experience in 3 years»