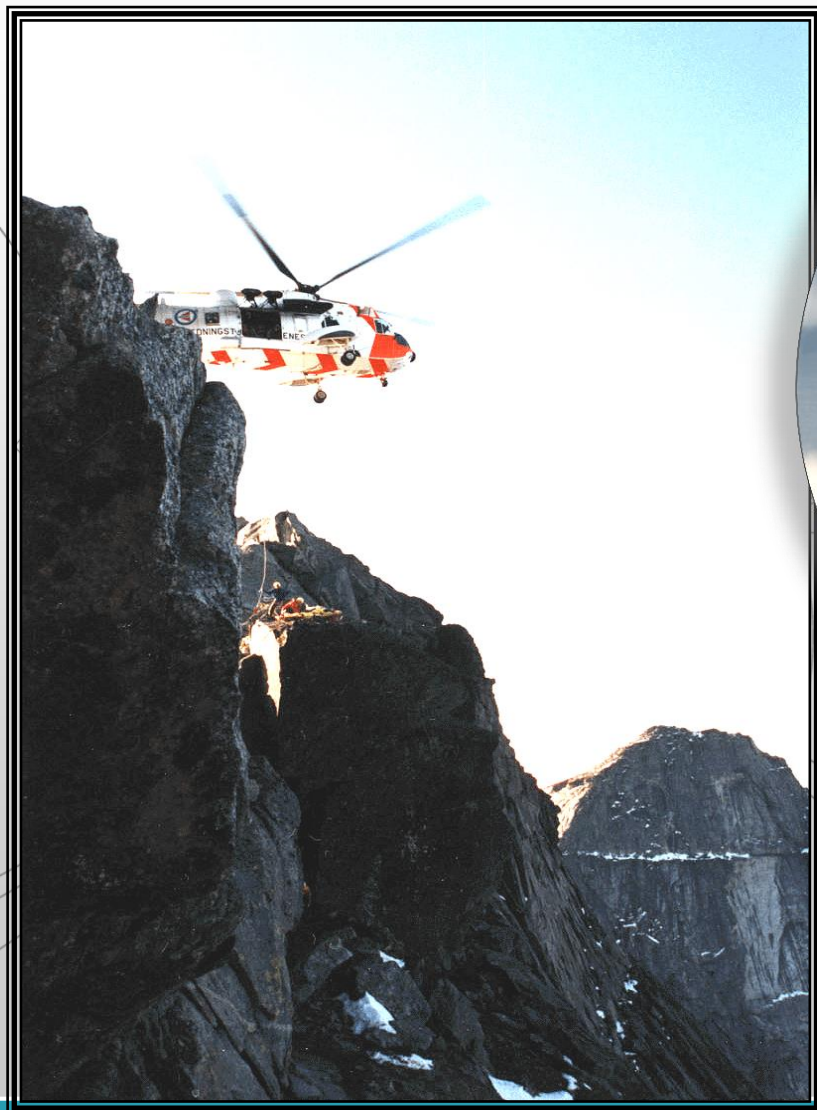




SAR in Norway

From Sea King to AW101



By Major Fredrik Jomaas
Deputy Commander 330 SQD RNoAF

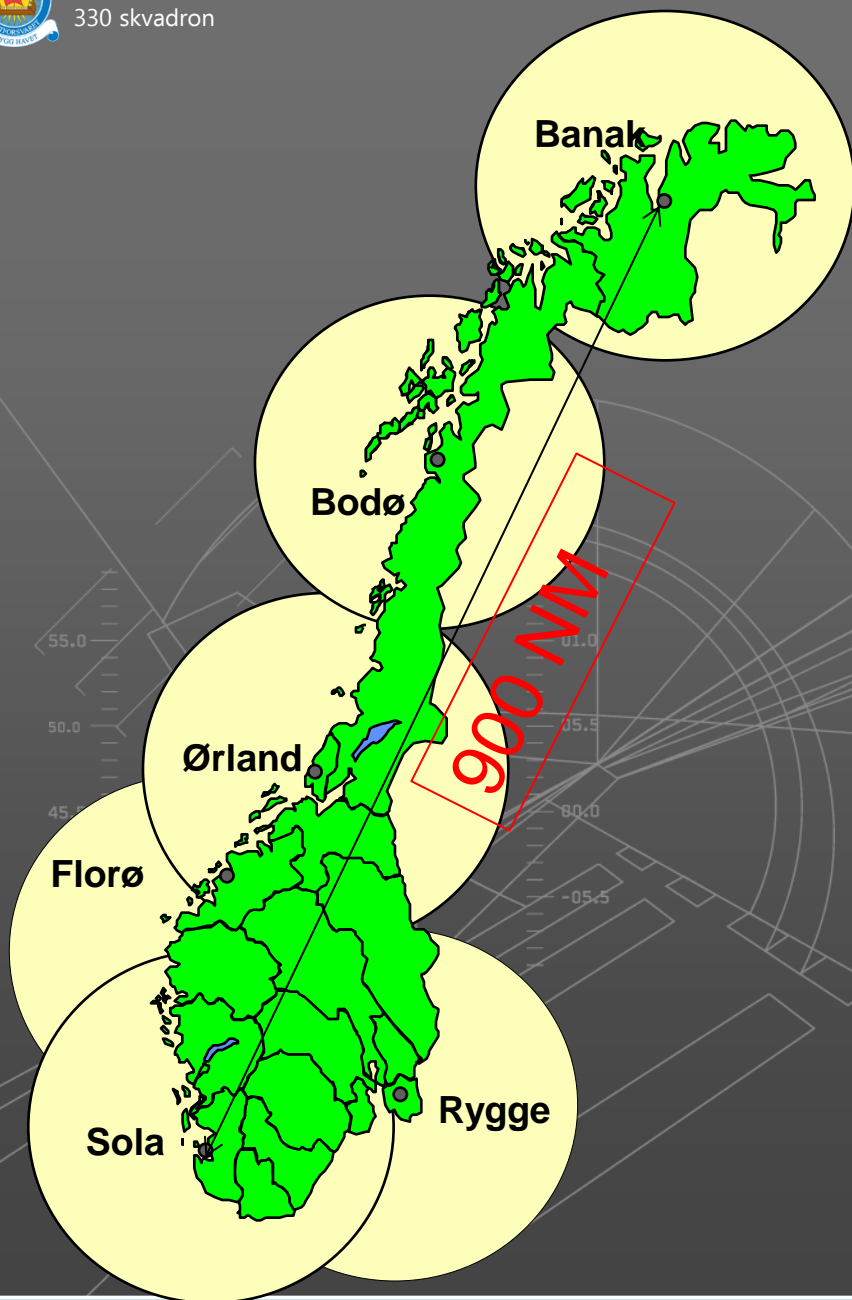


Westland Sea King

- 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

AW101-611 “CSAR”
as baseline for
certification

BERP III MRB

Full Ice Protection

Active Vibration
Attenuation (ACSR)

30minute Dry Run
capability XMSNs



Ground Clearance
Ca. 500mm

Sliding door, Crew
Door & Ramp

183 cm Cabin height

Crashworthy
Structure, Seats,
Fuel System

3 Observation
Windows





Luftforsvaret
330 skvadron

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)

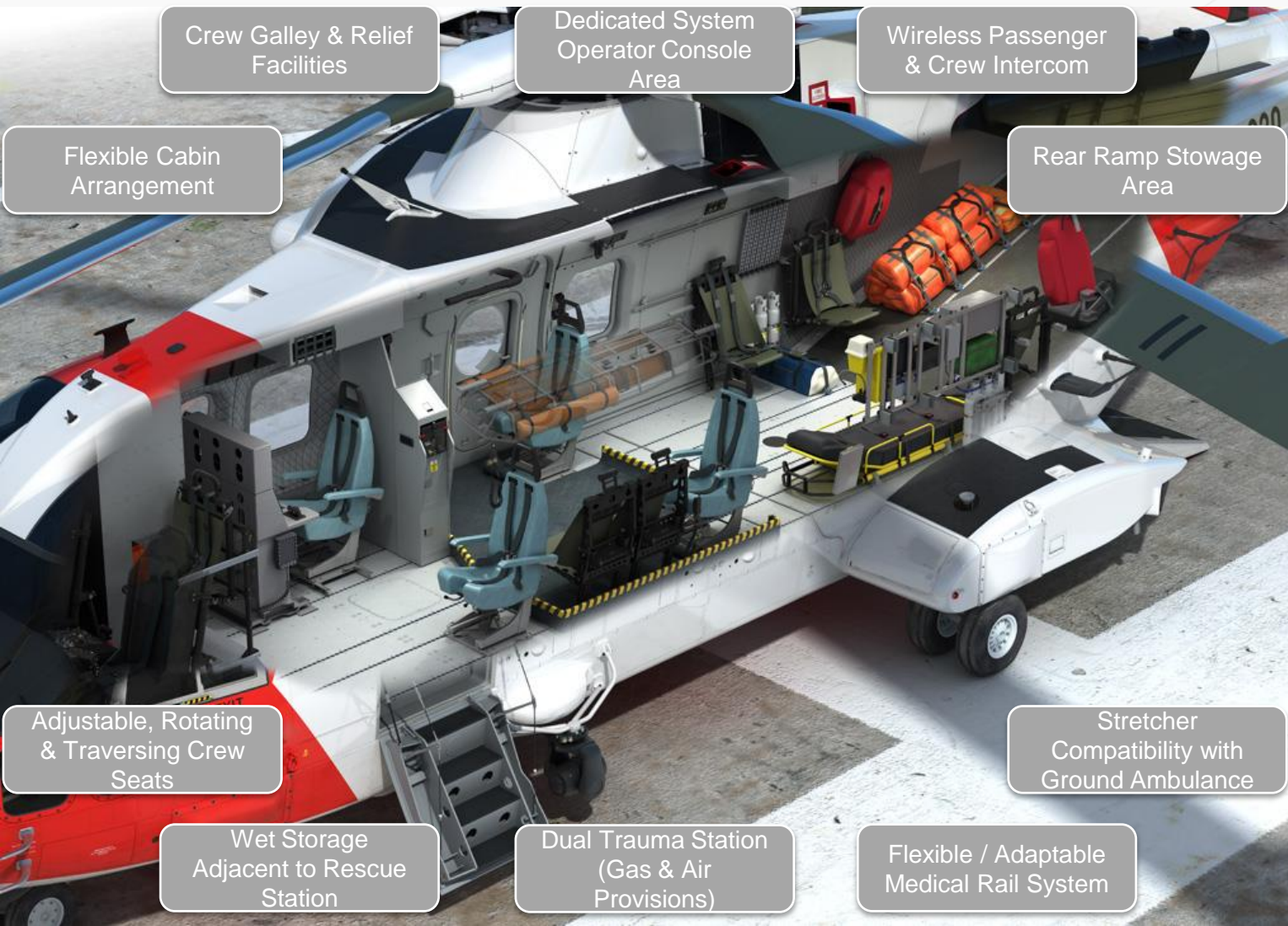




Luftforsvaret
330 skvadron

AW101-612 – KEY CABIN FEATURES

SAR LAYOUT





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»

