Allied Training and Exercises in Norway

LTC Harald Aamoth
Senior staff officer
Exercise Branch/Ops Div
History

- Deterrence - operational plans during the «Cold War»
- Reassurance – national restrictions
- National restrictions Enable winter operations for dedicated units
- Allied Training Centre
- Generic climate training After the Cold war
- Maintain Tactical LIVEX in winter conditions, CR-series
Royal Marines

- First deployment to Norway – 41 Cdo RM in 1963
- RMC deployed to Norway annually from 1969 – 2001
- Current deployment cycle is Bde (-) on even years
- Deployments increased to 3 months in 1978 and included Bde HQ
- Joint venture with NL Marines
ACE 2015 is one of Europe’s largest air exercises this year. Participation from eight countries and a total of 115 aircrafts.

<table>
<thead>
<tr>
<th>Force</th>
<th>A/C Type</th>
<th>No</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finnish Air Force</td>
<td>F-18</td>
<td>8</td>
<td>Rovaniemi</td>
</tr>
<tr>
<td></td>
<td>F-18</td>
<td>3</td>
<td>Bodø</td>
</tr>
<tr>
<td></td>
<td>OT&amp;E</td>
<td>8</td>
<td>Bodø</td>
</tr>
<tr>
<td>Swedish Air Force</td>
<td>JAS-39 C</td>
<td>10</td>
<td>Kallax</td>
</tr>
<tr>
<td></td>
<td>JAS-39 C</td>
<td>6</td>
<td>Rovaniemi</td>
</tr>
<tr>
<td></td>
<td>ASC-890</td>
<td>1</td>
<td>Kallax</td>
</tr>
<tr>
<td>Royal Norwegian Air Force</td>
<td>F-16</td>
<td>12</td>
<td>Bodø</td>
</tr>
<tr>
<td>Royal Air Force</td>
<td>Tornado</td>
<td>8</td>
<td>Bodø</td>
</tr>
<tr>
<td></td>
<td>Hawk</td>
<td>4</td>
<td>Kallax</td>
</tr>
<tr>
<td></td>
<td>AAR</td>
<td>4</td>
<td>Ørland</td>
</tr>
<tr>
<td>German Air Force</td>
<td>Typhoon</td>
<td>10</td>
<td>Bodø</td>
</tr>
<tr>
<td></td>
<td>AAR</td>
<td>1</td>
<td>Bodø</td>
</tr>
<tr>
<td></td>
<td>PC-9</td>
<td>1</td>
<td>Bodø</td>
</tr>
<tr>
<td></td>
<td>Learjet</td>
<td>1</td>
<td>Bodø</td>
</tr>
<tr>
<td></td>
<td>(GfD)</td>
<td>1</td>
<td>Kallax</td>
</tr>
<tr>
<td></td>
<td>C-160</td>
<td></td>
<td></td>
</tr>
<tr>
<td>US Air Force Europe</td>
<td>F-16</td>
<td>12</td>
<td>Kallax</td>
</tr>
<tr>
<td>French Air Force</td>
<td>Mirage</td>
<td>8</td>
<td>Rovaniemi</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AWACS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swiss Air Force</td>
<td>F/A-18</td>
<td>8</td>
<td>Kallax</td>
</tr>
<tr>
<td>NATO AWACS</td>
<td>E-3</td>
<td>2</td>
<td>Ørland</td>
</tr>
</tbody>
</table>

ACE 2015 is one of Europe’s largest air exercises this year. Participation from eight countries and a total of 115 aircrafts.
Exercise policy

• Create Joint Operations Arenas
  – Single service exercises coordinated in time and space to facilitate exercising cross service and joint aspects of operations
  – Participation of allies and partners welcome

• A Joint and Combined winter LIVEX every other year
  – Allies and partners will be invited

• Offer to host 1-2 major NATO exercises annually, alternatively a larger number of smaller exercises

• Facilitate individual and unit training in Norway for allies and partners
  – Offer Center of Excellence for Cold Weather Operations (COE – CWO) services to allies and partners
  – Co-training between units from allies and partners and Norwegian units
  – Allied Training Centre Land – Porsanger, Evenes and Åsegarden
Hosting NATO Exercises

2013
• Arctic Tiger Meet
• Brilliant Arrow

2014
• Trident Juncture
• Dynamic Mongoose
• Noble Ledger
• Unified Vision

2015
• Dynamic Mongoose
• Dynamic Guard

2016
• Dynamic Mongoose
• Dynamic Guard
• Nemo Trials
Primary "Host Units"

- Porsangmoen (ATC)
  - LAND & AIR
- Åsegarden/Evenes (ATC) + Ramsund
  - LAND, AIR, NAVY/ AMPHIB and SOF
- Andøya AS + ARS/ARR
  - AIR
- Bodø MAS
  - AIR
- Ørlandet MAS
  - AIR
- Østerdalen Garrison
  - LAND & SOF
- Haakonsvern
  - NAVY
- Rygge AS
  - Helicopter
- Skjold/Setermoen/Heggelia + Bardufoss AS
  - LAND, AIR
Halkavørre
Combined arms incl
Air to ground

Setermoen
Combined arms incl
Air to ground

Blåtind
Ground

Mauken
Ground

Hjerkinn (-> 2008)
Combined arms incl
Air to ground

Mjølfjell
Combined arms incl
Helicopter to ground

RF Østlandet (2006-)
Combined arms incl
Air to ground

Land based firing ranges
Maritime and air firing ranges

- **Myken**
  - Surface to surface/air to surface
- **Skomvær**
  - Air to air
- **Frohavet**
  - Air to surface and range for Naval Gunfire Support
- **Halten**
  - Air to air
- **Haakonsvern naval base**
- **Olavsværn naval base**
- **Bodo MAS**
- **Orland MAS**
- **Lista**
  - Anti air
Air force training areas

Approx
370 x 120 NM

Ørland MAS

Bodø MAS

Ørland MAS
Low level training areas

Bodø MAS

Ørland MAS
Maritime/Littoral training

Oslo
Tromsø
Bergen
Kirkenes

Bodø

Bergen
Oslo
Enabling Allied Training and Exercises

- Longstanding active NATO member
- A population used to large exercises and allied presence
- All terrain, coast and most of airspace available
- Joint HQ and support garrisons
- Operational plans as framework
- Good ranges and strategic infrastructure
- Varied climate and terrain
- Robust legislation and support from civilian authorities
- Bridge to Nordic-Baltic community