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# AIR STAFF DEFENCE COMMAND DENMARK IFR/VFR MIXED TRAFFIC HIGH SEAS

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DANISH DEFENCE COMMAND  
PER COULET  
DEPUTY DIRECTOR ATM  
14-15 APRIL 2015





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# TASK OF DEFENCE COMMAND DENMARK

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- Assert Denmark's sovereignty and ensure its continued existence and integrity
- Surveillance of Denmark's territory, territorial waters and environmental surveillance, preventing pollution, fisheries inspection, search and rescue services,





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# UN PRINCIPLES/CONVENTION

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- Freedom to flight over the High Seas Article 87 UN Convention
- Chicago Convention Article 3
- Annex 2 – Rules of the Air
- Civil/Military Cooperation in ATM, ICAO cir. 330-AN/189
- Civil/Military arrangement and coordination





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# OPS WITH NON-ACTIVATED TRANSPONDER

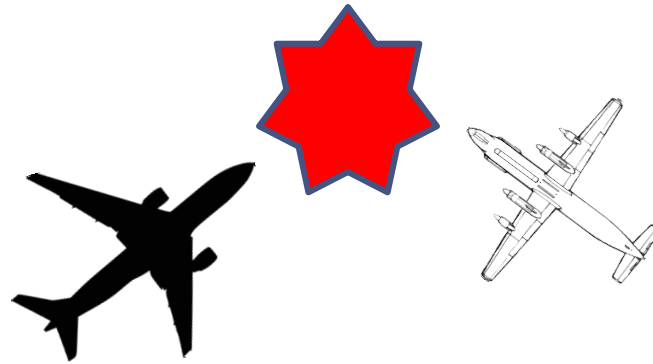
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- ICAO, Annex 2, Appendix 2, Attachment A1
- Specific operations.
- Inside special reserved airspace
- Outside with prior coordination with our ACC (information about route, height etc.).



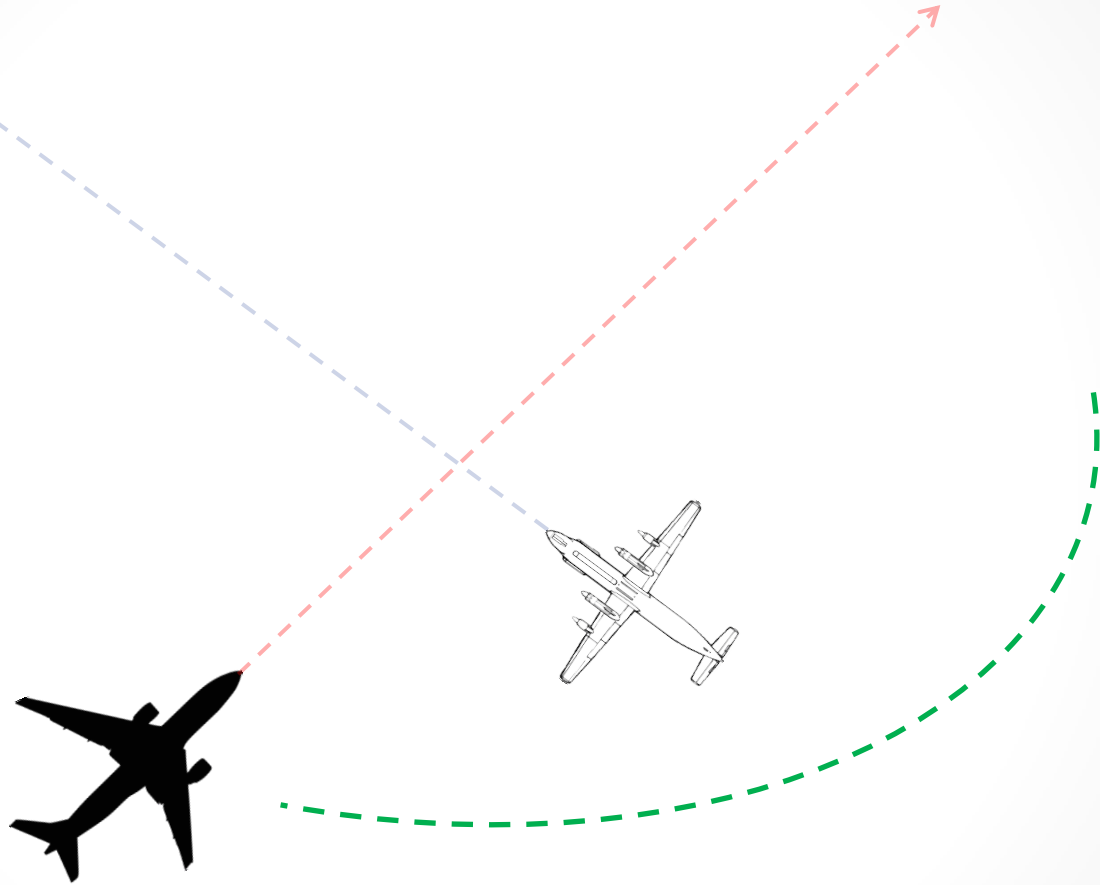


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# HOW WE OPERATE OVER THE HIGH SEAS

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- Specific missions iaw. orders from ADC Denmark
- two-way radio contact with a military ACU
- ACU provides traffic information and tactical control
- The national Danish operational rules, adhere to the ICAO/Chicago Convention
- Transponder activated





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# HOW WE OPERATE OVER THE HIGH SEAS

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- ACU informs and coordinates with Copenhagen ACC, communicating the intended route, height (FL) and other relevant information.
- Some operations are conducted iaw. FPL info about route and/or area.
- Some operations take place low level with due regards





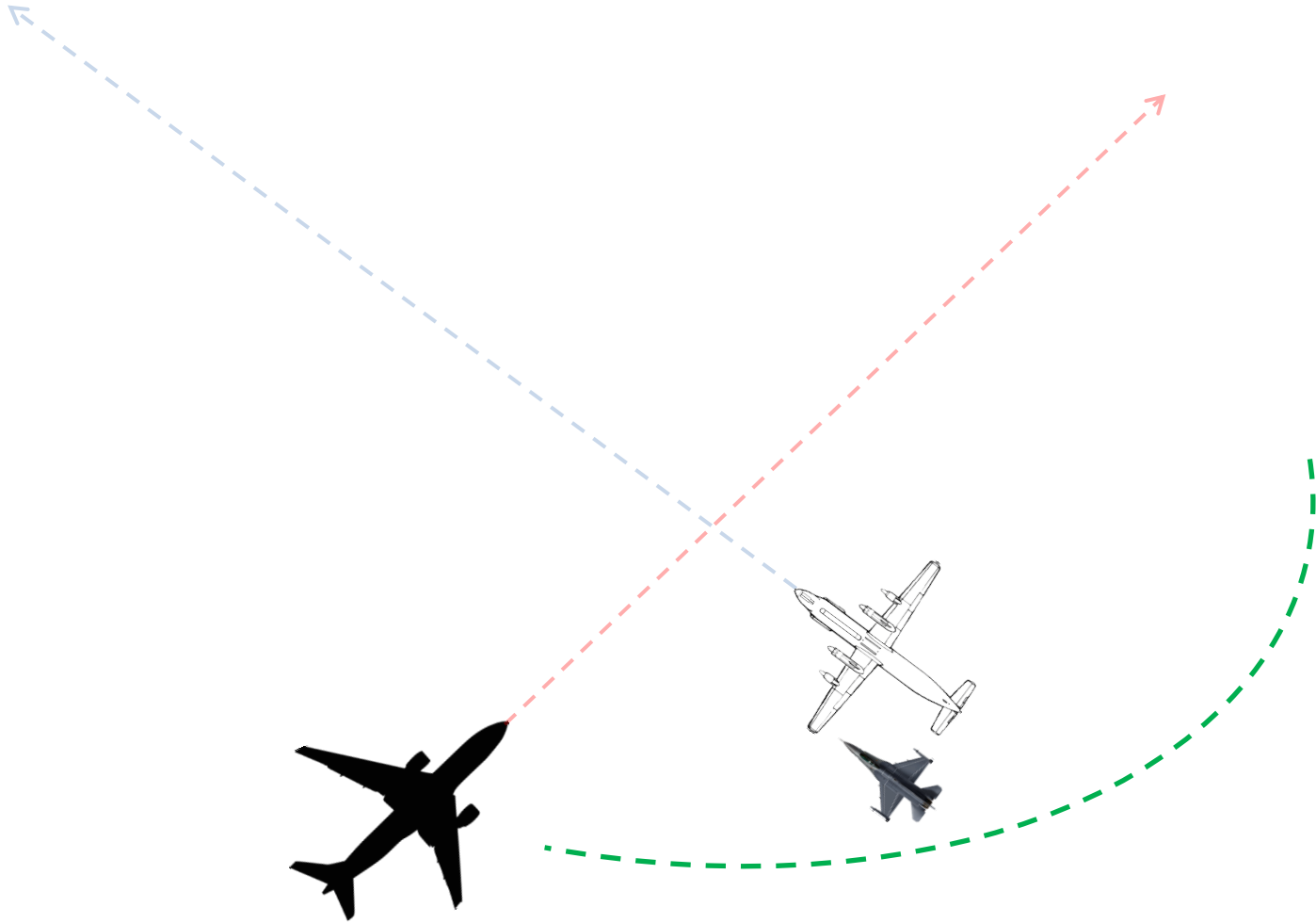
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## ACTIONS TAKEN

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- Radar data both primary and SSR provided to civil ANS
- Information about aircraft with non-activated transponder to civil ANS
- When present shadowing







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# CONCLUSIONS

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- State aircraft can operate without activated transponder iaw. International conventions and national regulation
- Cooperative surveillance is not sufficient over the High Seas
- National Defence Command support by providing primary radar data to civil ATC



# Questions





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