



Headquarters Allied Air Command



ALLIED AIR COMMAND

Aeromedical Evacuation Capability Survey

RAMS 2019

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Agenda

- **Overview Aero Medevac Capability Survey**
- **Aeromedical Platforms (FW)**
- **Aeromedical Platforms (RW)**
- **Aeromedical Equipment**
- **Medical Crew**
- **Crew Management Procedures**



AEROMEDEVAC Capability Survey

NATO UNCLASSIFIED



HEADQUARTERS ALLIED AIR COMMAND

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TO: See Distribution

SUBJECT: COMPREHENSIVE PICTURE OF ABILITY AND CAPABILITY OF NATO NATIONS AEROMEDICAL EVACUATION





Overview Aeromedical Survey (1)

- **Survey sent to all NATO Nations in summer 2017**
- **Questions are separated into 4 categories:**
 - 1- Platforms (type, configuration, NTM, Fwd/Tac/Strat, etc.)**
 - 2- Medical Equipment (type, brand, etc.)**
 - 3- Air Med Crew (crew composition, qualification, etc.)**
 - 4- Responsibilities (medical, patient, crew safety, etc.)**
- **26 out of 29 responded/submitted data (some through EATC)**

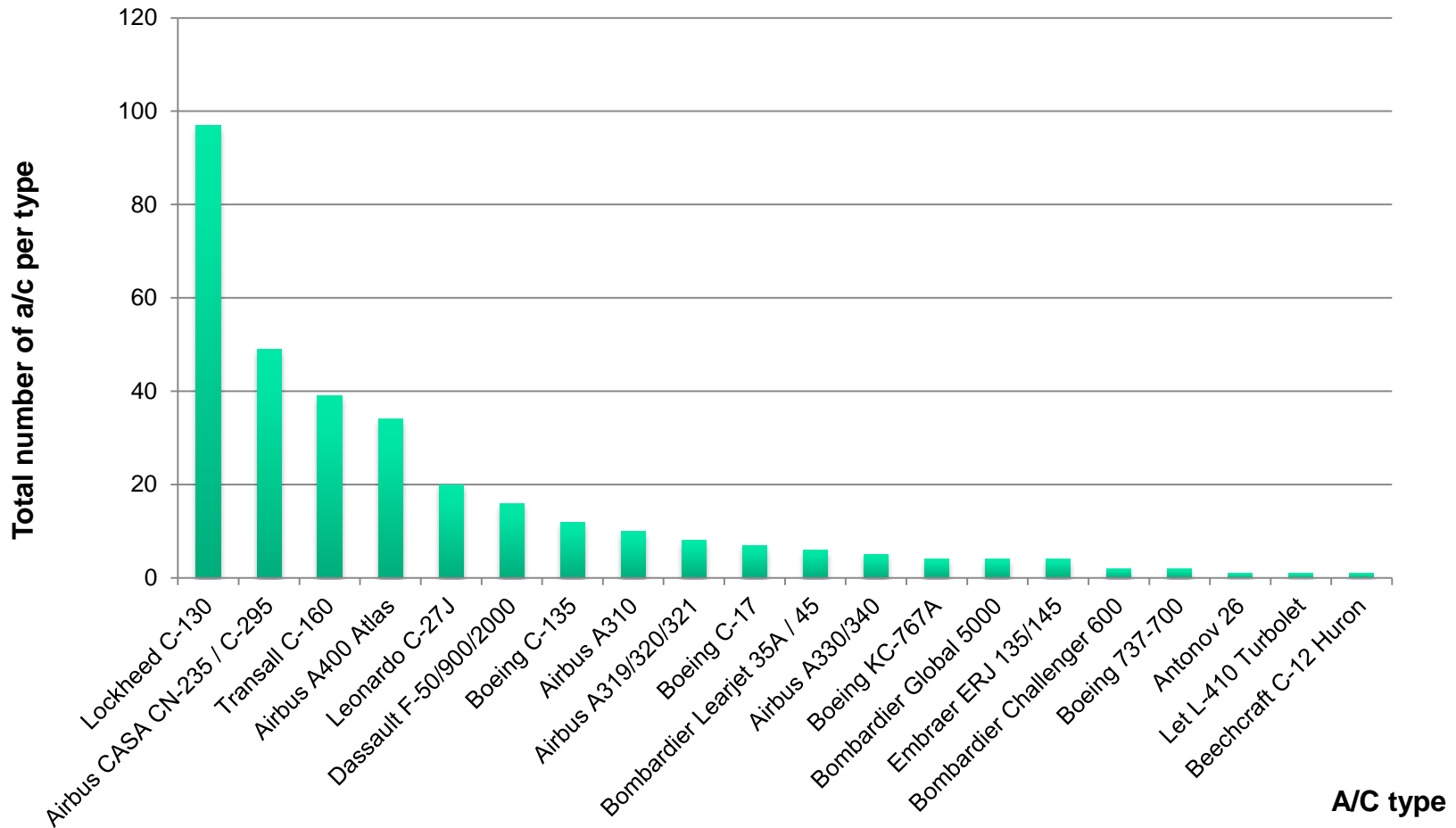


Overview Aeromedical Survey (2)

- **Data compiled & analysed using answers of 21 NATO nations**
- **Analysed similarities/differences between Nations**
- **Goal is to find similarities between Nations in order to foster cross-training opportunities & Technical Agreements between highly compatible Nations**

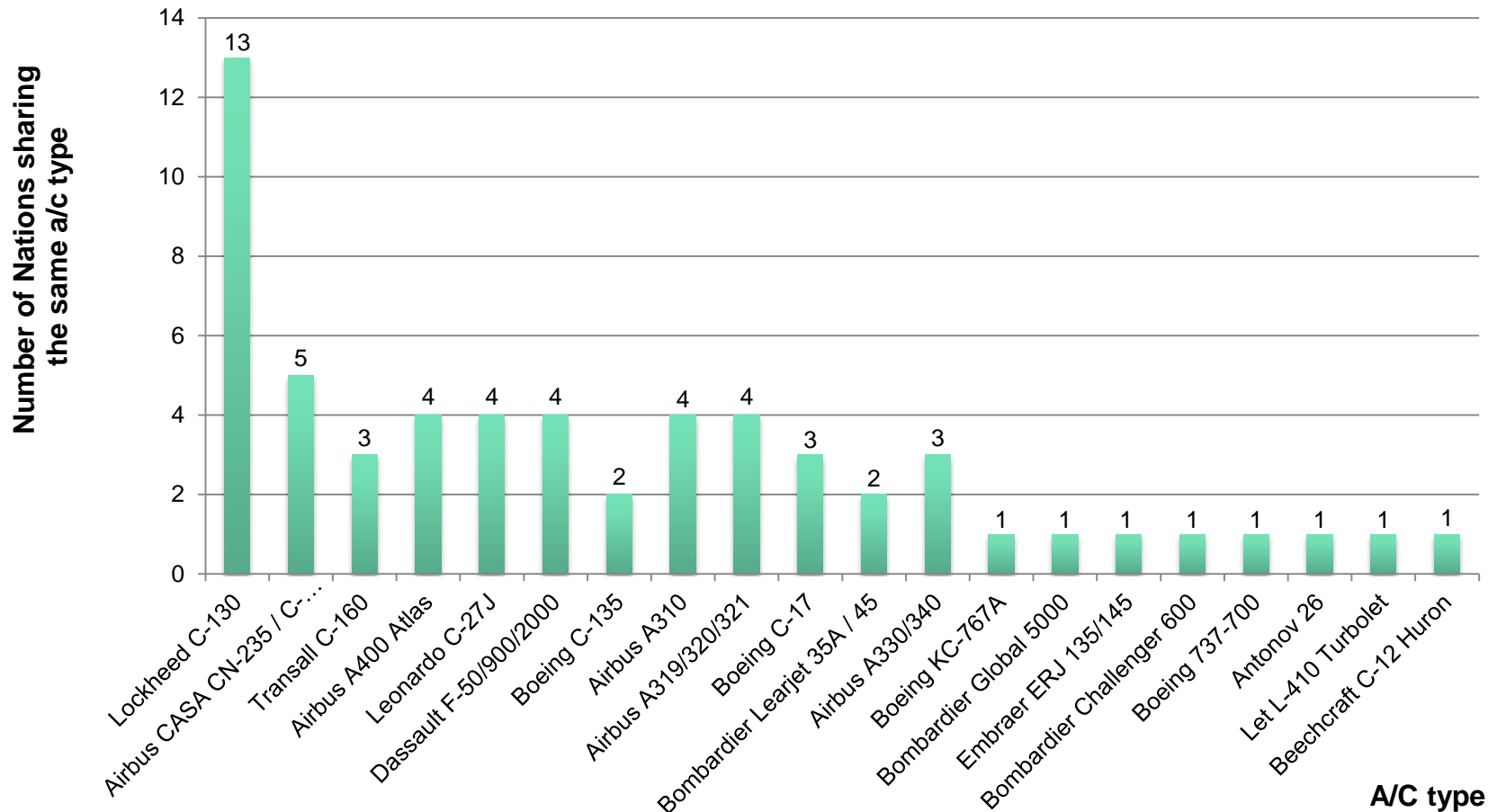
Aeromedical Platforms - Fixed Wing(1)

Type and number of FW a/c potentially available for MedEvac in NATO



Aeromedical Platforms - Fixed Wing(2)

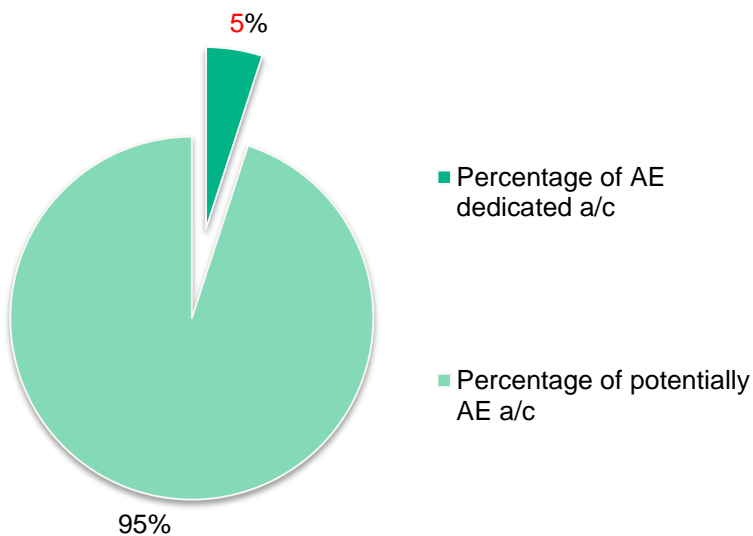
The most widespread a/c type within NATO



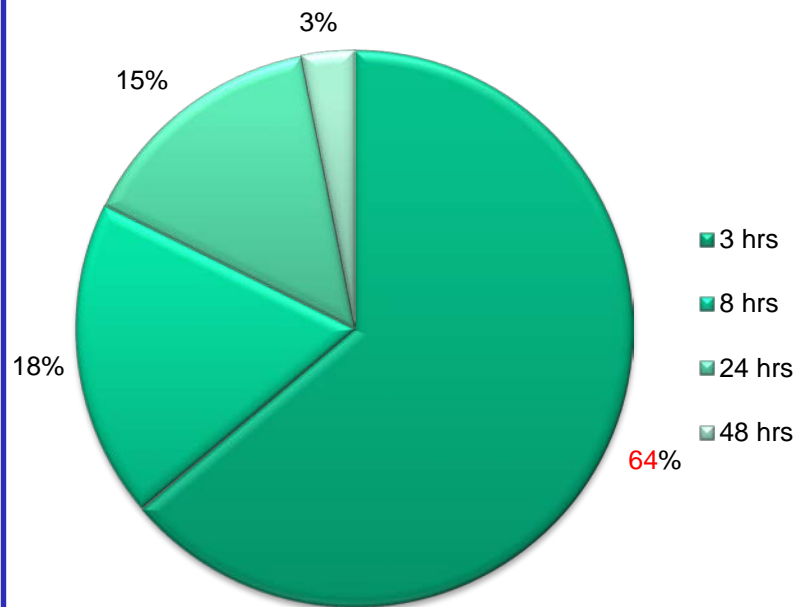
Aeromedical Platforms - Fixed Wing(4)



Percentage of dedicated FW a/c in NATO



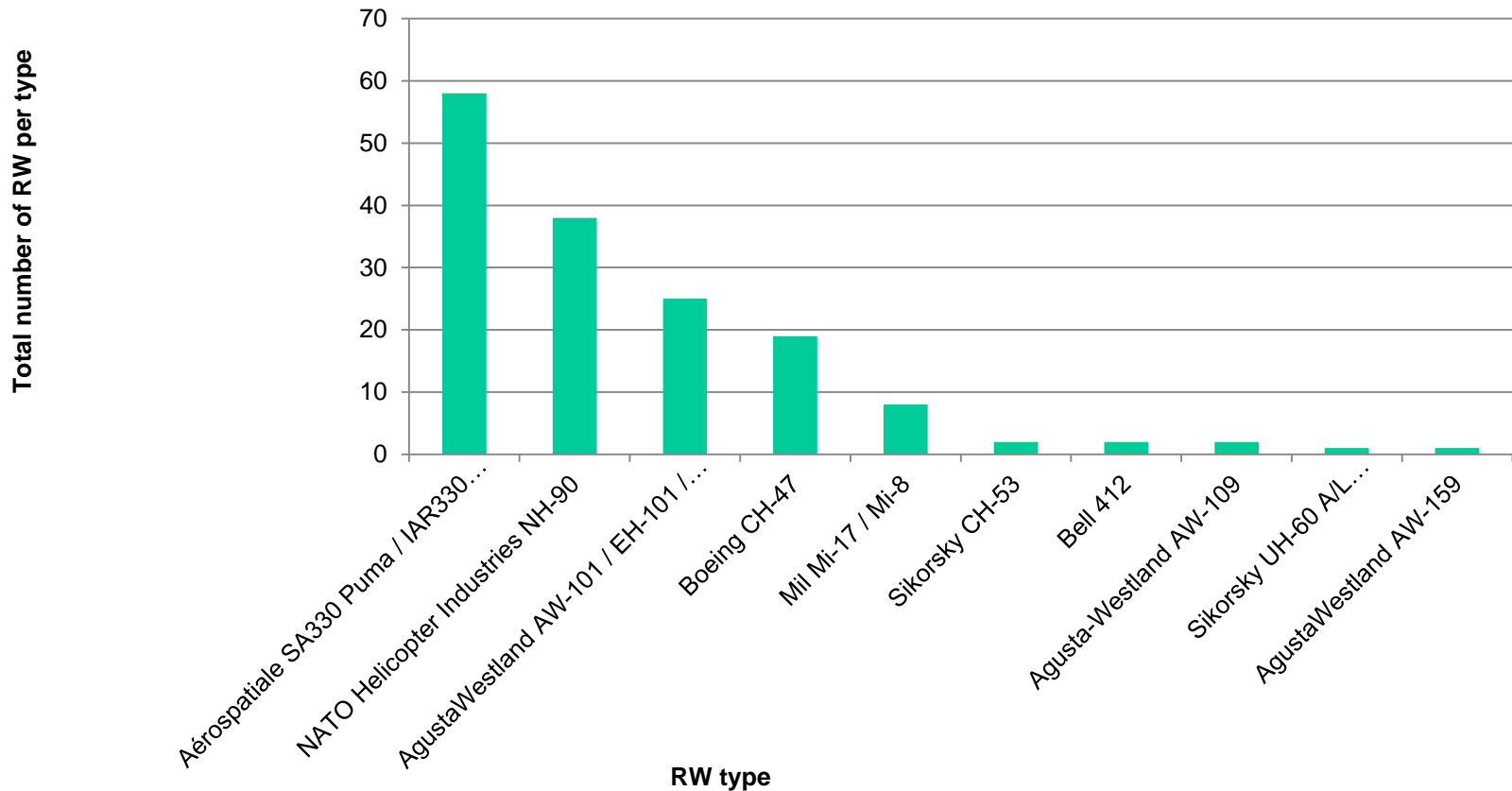
Notice To Move



Aeromedical Platforms - Rotary Wing(1)



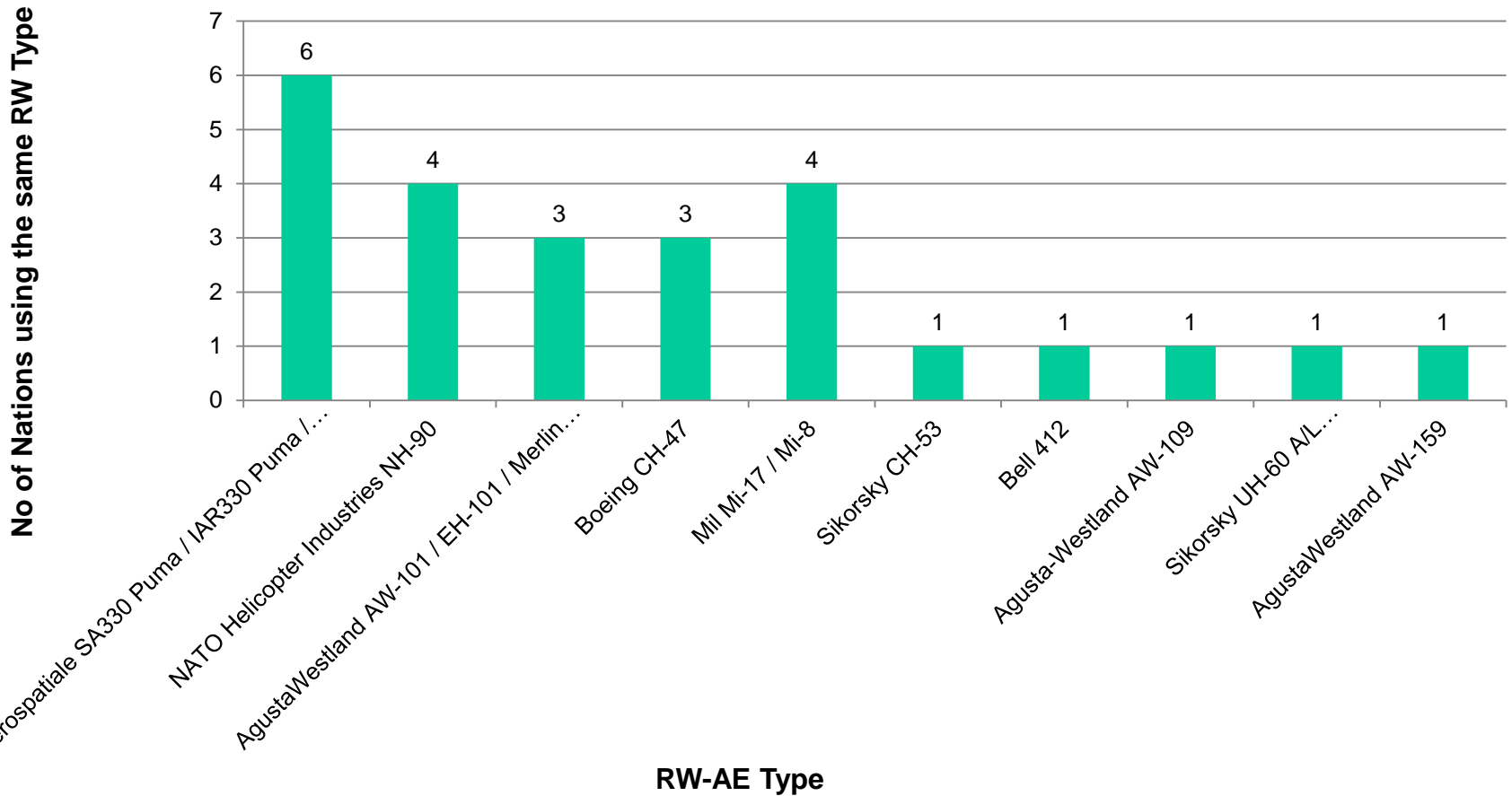
Type and number of RW a/c potentially available for AE in NATO



Aeromedical Platforms - Rotary Wing(2)



Graph 7: The most widespread RW -AE Types in NATO





Aeromedical Equipment (1)

Goal:

1. To discover what equipment is used across countries
2. To identify if any standard equipment or standard model exists
1. To ascertain the rules and regulations of each nation with regards to the usage of medical equipment in aircrafts

BLUF: The Search for potential for interoperability



Aeromedical Equipment (2)

Results:

1. Vast Variety of key medical equipment within the alliance
2. Air-worthiness certificates for each device and each a/c mandatory
3. Mandatory training and certification of medical personnel to allow usage of potential harmful medical equipment

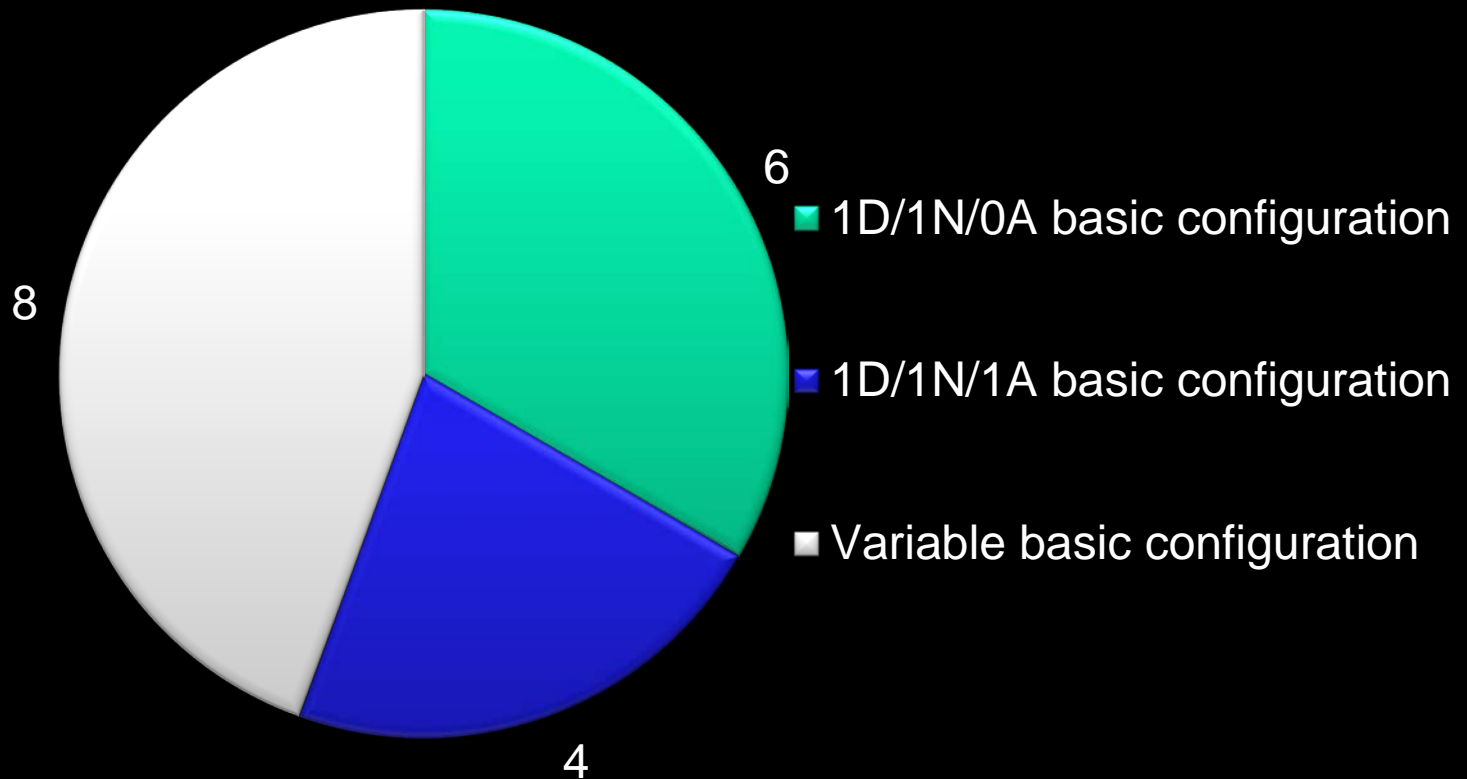


Potential for standardisation with an impact on cost effectiveness through a NATO procurement Agency

Medical Crew FW (1) Crew Composition



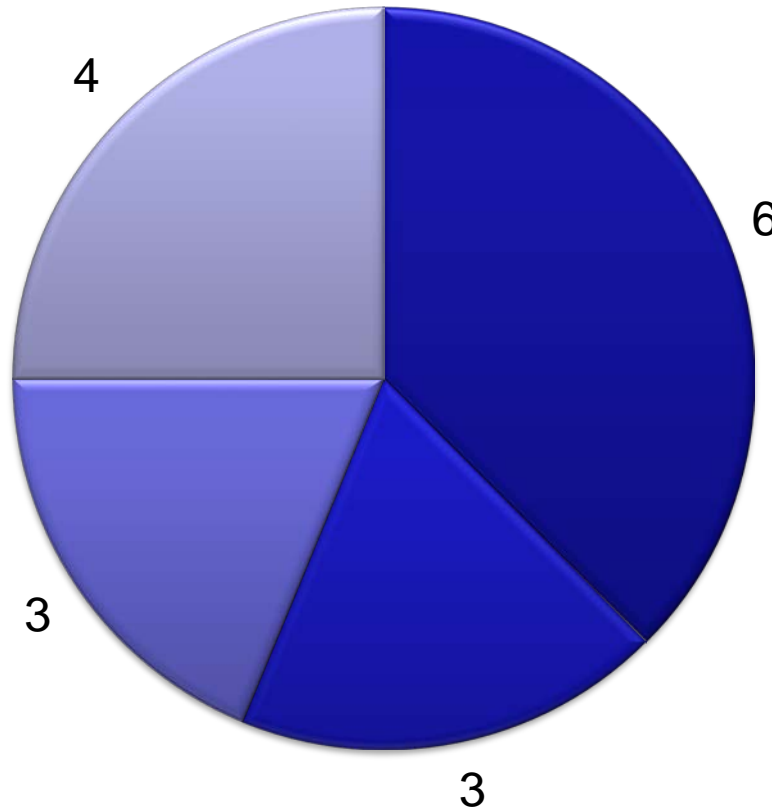
Most common D/N/A configurations



Medical Crew FW (2) International Qualifications



Nations acceptance of international qualifications

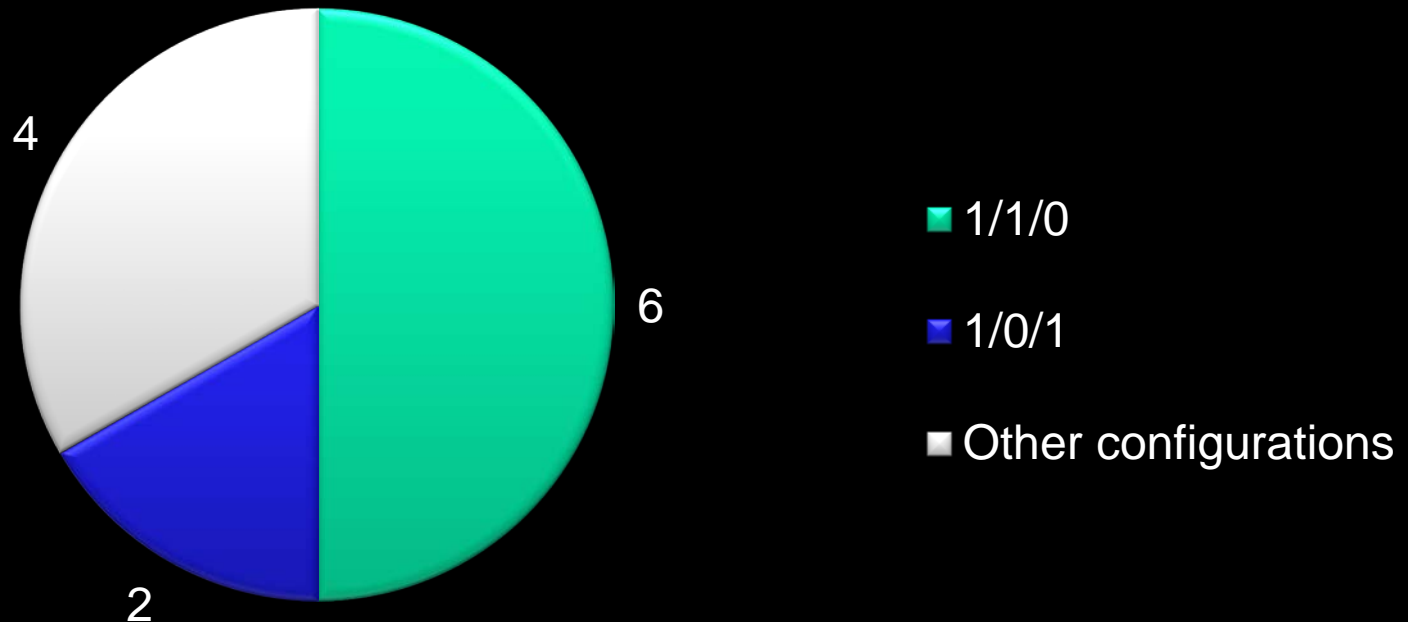


- Generically accept international qualifications
- Accept only European diplomas
- Signed bilateral or multilateral agreements
- Do not accept international qualifications

Medical Crew RW (1) Crew Composition



Number of Nations using the same basic D/N/A configuration

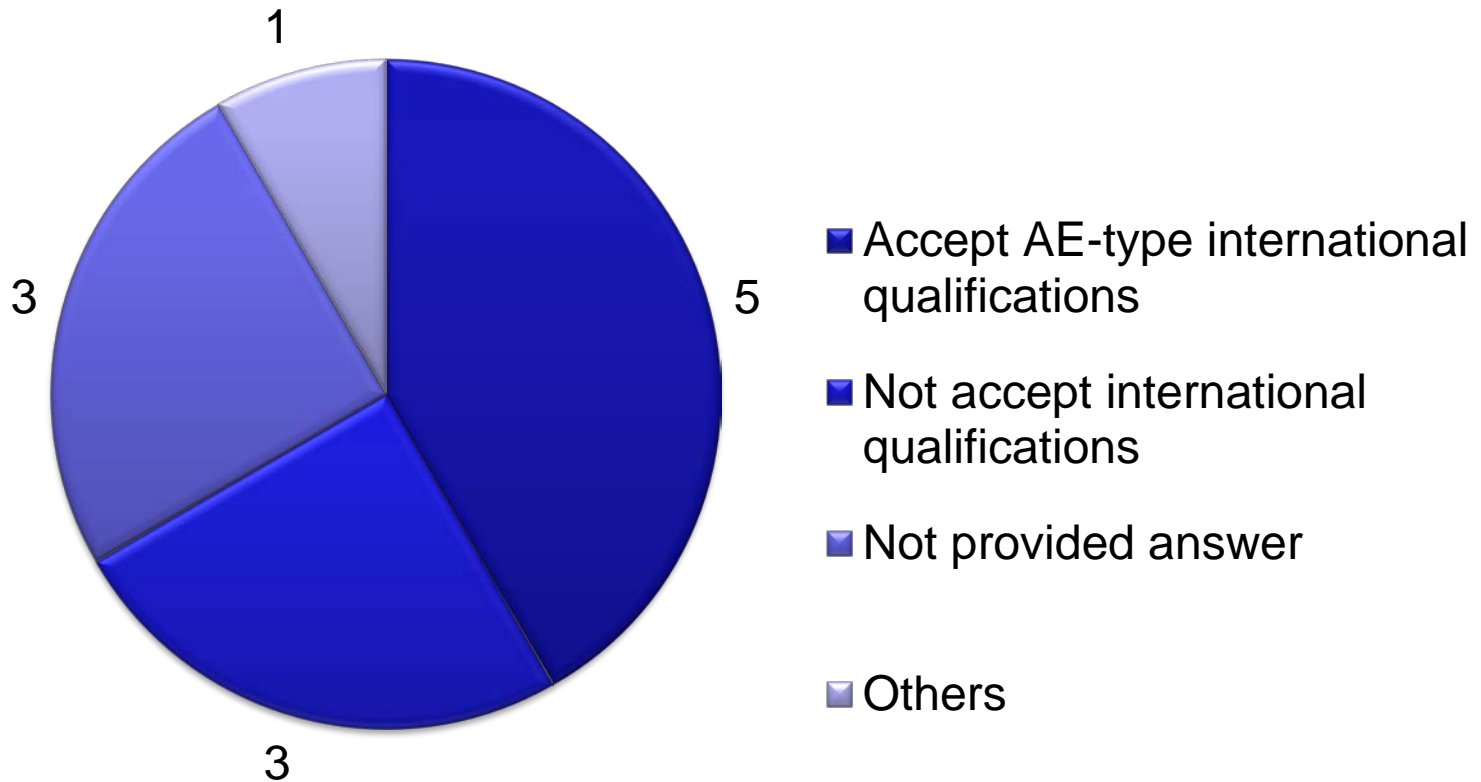


Medical Crew RW (2)

International Qualifications



International qualifications accepted





Crew Management Procedures



- 1. Who is the mission commander?**
- 2. Who is responsible for the mission with the patient/s on board in normal circumstances?**
- 3. Who is in command in case of emergency, when the a/c safety is no more granted?**

Questions

