



TRADE MEDIA BRIEFING 2022

NH90:48 Wing Present And Future

Major Pampliega
Chief 803 SQN



AIRBUS

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803 SQUADRON



402 SQUADRON



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**Primary
missions**

**Secondary
missions**

- **Special Air Operations**
- **Personnel Recovery**
- **Medical Evacuation**
- **Search and Rescue**



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803 SQN ROLES: Special Air Operations

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CAPABILITIES	SUPER PUMA	NH90
CRUISE SPEED	120 KTS	150 KTS
PAYLOAD	2 TN	2.5 TN
MTOW	8300 KG	10600 KG
ENDURANCE	3.5 HOURS	5 HOURS
RANGE	220 NM	430 NM
ICING PROTECTION	ENGINE ANTI-ICING	+ BLADES DE-ICING
SAR CAPABILITIES	3 AP AXES 1 HYD HOIST MANUAL FLOATATION	4 AP AXES 2 ELEC HOIST AUTOMATIC FLOATATION HEELS EOS CAMERA



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AN ALLY OVER
WATER



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OTHER ADVANTAGES:

- Secure comms integrated
- Cargo hook
- Heavy store carriers
- Ramp and hatch
- Cargo Rolling device and cargo floor winch
- Chaff and flares dispenser



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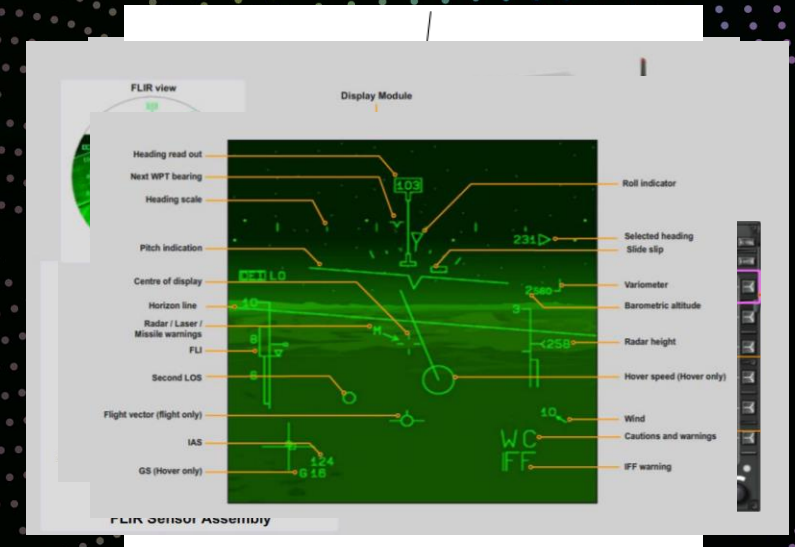
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A400 FLYAWAY

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OTHER ADVANTAGES:

- Tail and main rotor Blades folding
- DTD (Data Transfer Device)
- FLIR system integrated
- HMSD (Helmet Mounted Sight and Display)
- Vibration measurement system



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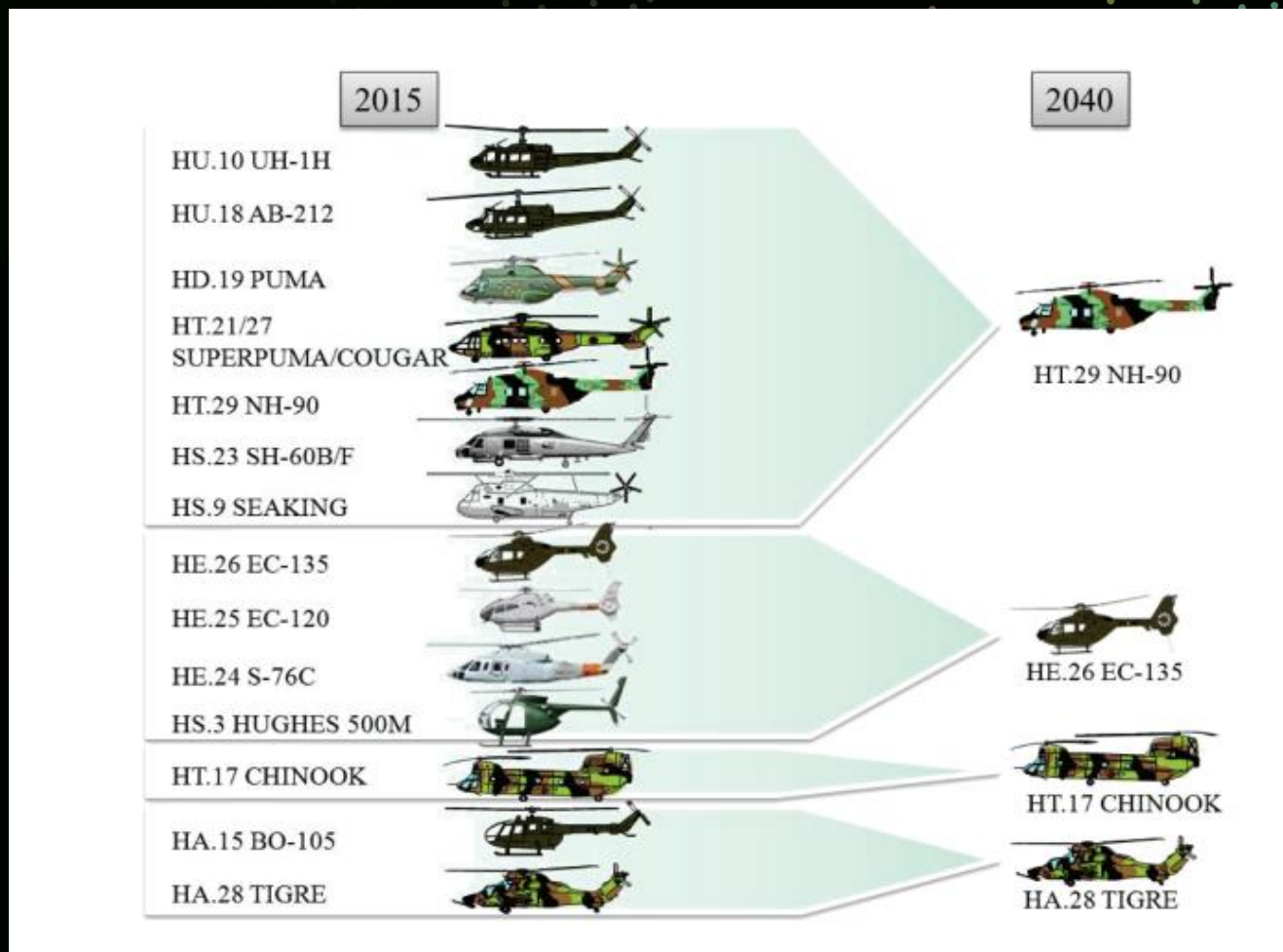
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Standard 1



Standard 2



Standard 3



- FLIR
- EOS
- PR4G + SATURN
- IRIDIUM
- TACAN
- DOUBLE RESCUE HOIST

- NEW IFF
- NEW ELECTRONIC WARFARE SUITE
- DIRCOM



6 NH90 STD 2
2022

6 NH90 STD 3
2026

12 NH90 STD 3



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- EMAR (European Military Airworthiness Requirements): Harmonize the European military airworthiness standards of the Member States by establishing European military airworthiness requirements.
- PERAM (Publicación Española de Requisitos de Aeronavegabilidad Militares): Spanish version of EMAR

NH90: FIRST JOINT HELICOPTER

- Programme Office:
 - Procurement
 - RIFUS distribution
 - Training
 - Warranties
- Common Sustainment Office:
 - Common Spare parts “pool”
 - Maintenance “diagonal”
 - Common engineering
 - Support contracts



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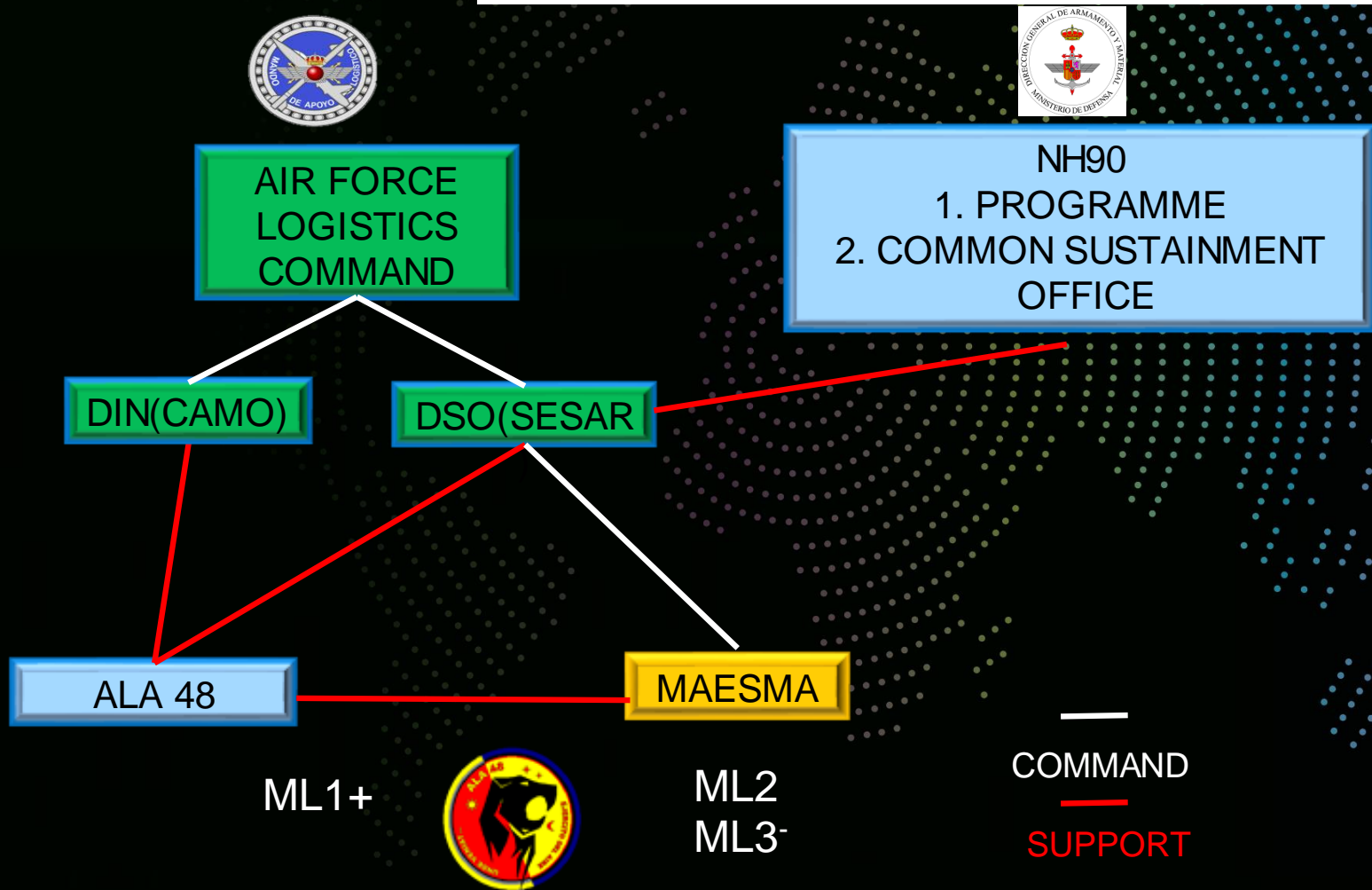
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NH Implementation: Maintenance Chains of Responsibility

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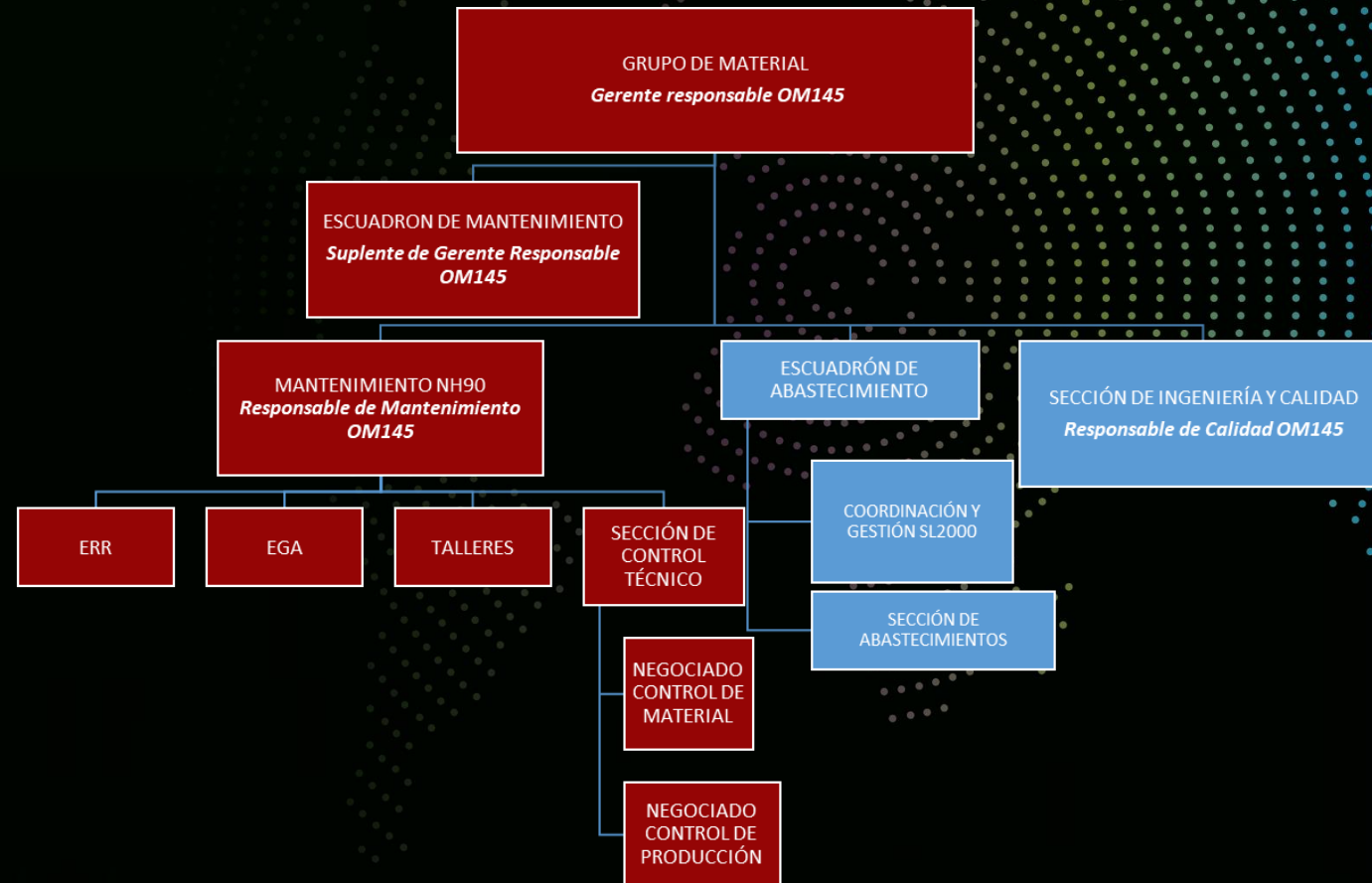
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The NATO Response Force (NRF) is a highly ready and technologically advanced multinational force made up of land, air, maritime and Special Operations Forces (SOF) components that the Alliance can deploy quickly, wherever needed.

It is based on a rotational system where Allied countries commit land, air, maritime or Special Operations Forces (SOF) units for a period of 12 months.

Participation in the NRF is preceded by national preparation, followed by training with other participants in the multinational force.



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- **CERTIFICATE SPANISH AIR FORCE SPECIAL OPERATION FORCES TO LEAD NRF 23**
- **SEVERAL UNITS: RW, FW, CSU, CSSU, COMMAND AND CONTROL UNIT, MEDICAL SUPPORT UNIT**
- **NATIONAL EVALUATORS AND FROM NSHQ**
- **MISSIONS: FAST ROPE, TACTIC TRANSPORT, VERY LOW FLIGHT, AERIAL ASSAULT**
- **DIRECT FLIGHT FROM CANARY ISLAND TO PENINSULA**



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¿Questions?

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