



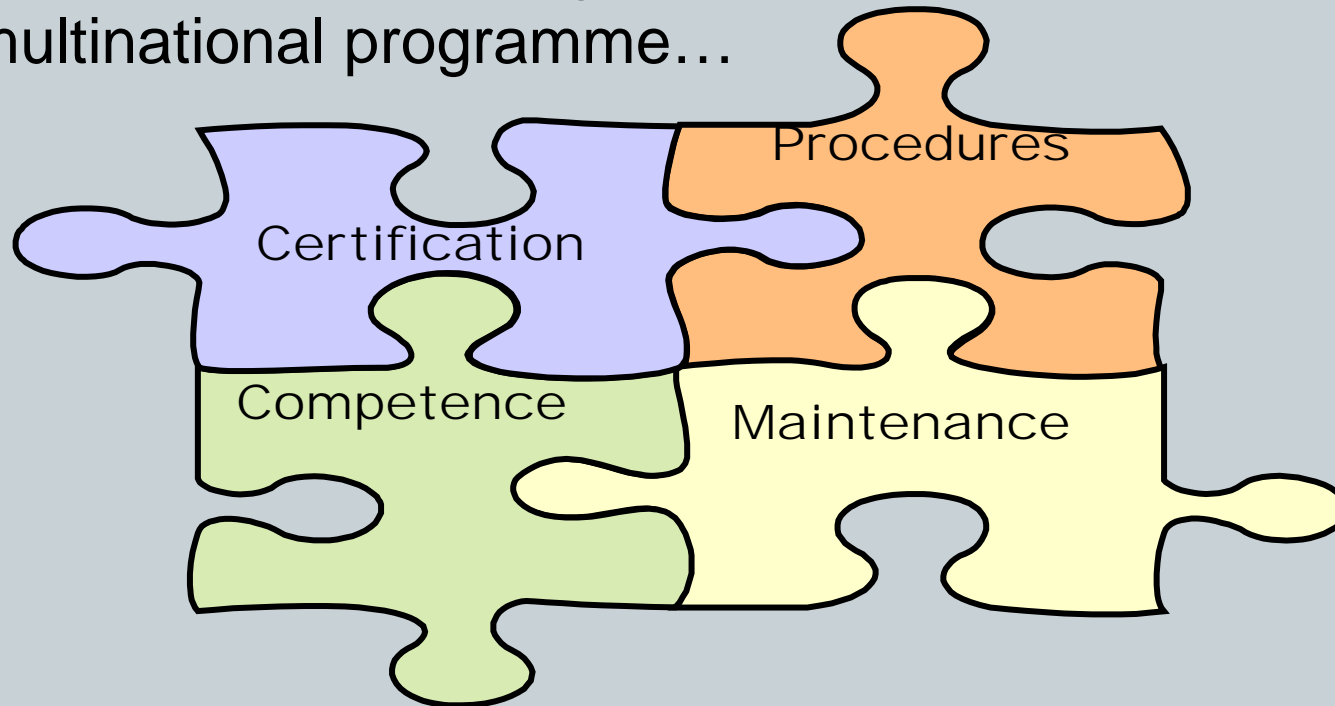
Mutual recognition between regulators

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Head of Analysis & Plans

International Military Aviation Acquisition

Project specific arrangements are tailored for each multinational programme...



This costs a huge amount of time and money!
(& leads to tensions across partner nations and industry)

European Harmonization

- UK obtained pan European ministerial support to form MAWA Forum & develop Roadmap towards European Airworthiness Harmonization – 8 Nov 08.
- EDA identified as administrative body to support harmonization.
- No central regulator. Regulatory responsibility remains a national responsibility.

The Roadmap

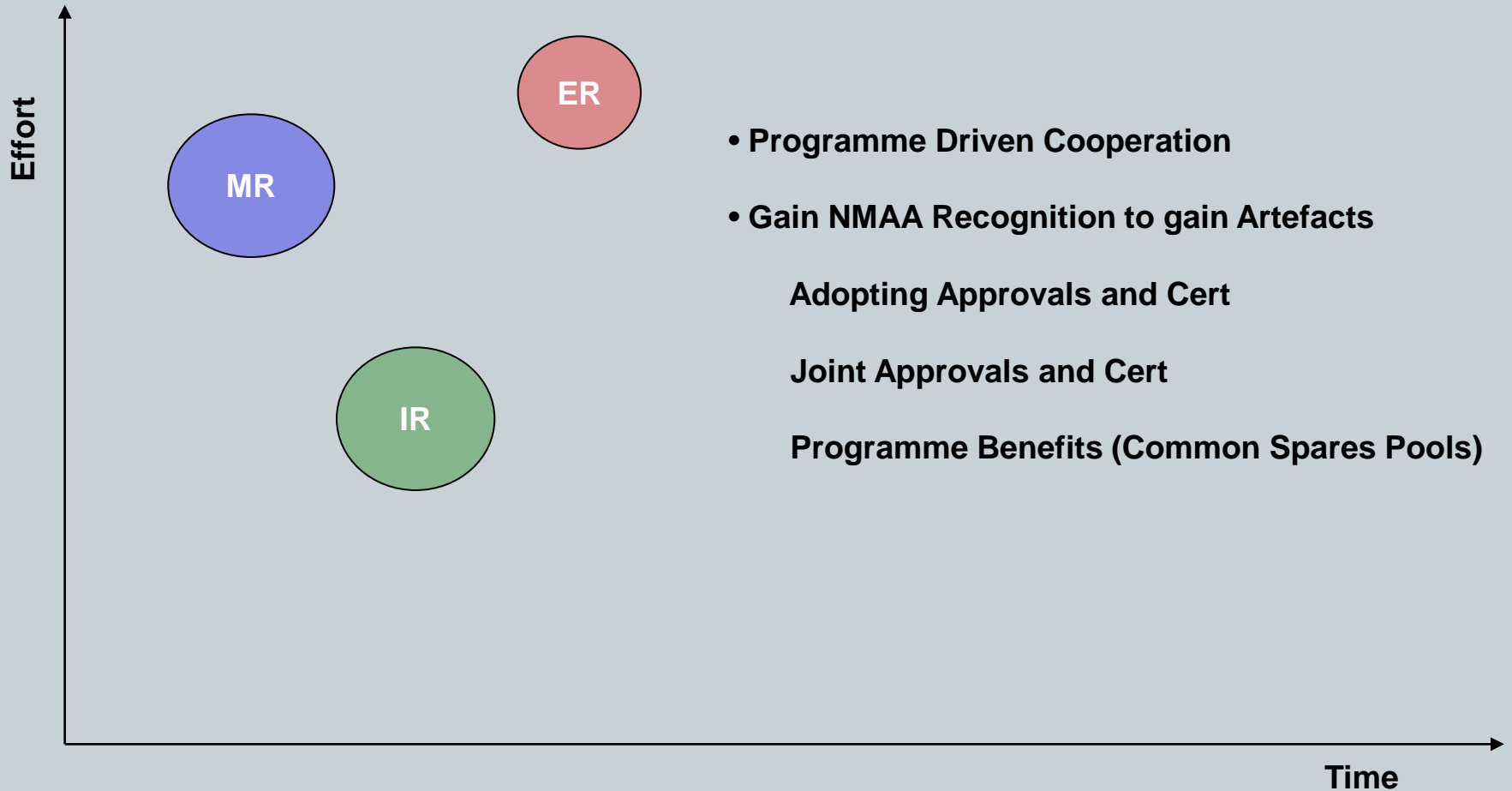
An aerial photograph of a winding asphalt road through a dense forest with vibrant autumn foliage in shades of orange, yellow, and red. A lone cyclist in a red jacket is riding along the road in the lower right quadrant.

- Common Regulatory Framework;
- Common Certification Processes;
- Common approach to Organisational Approvals;
- Common certification/design codes;
- Common approach to preservation of airworthiness;
- Arrangements for mutual recognition;
- Formation of European Military Joint Airworthiness Authorities Organisation.

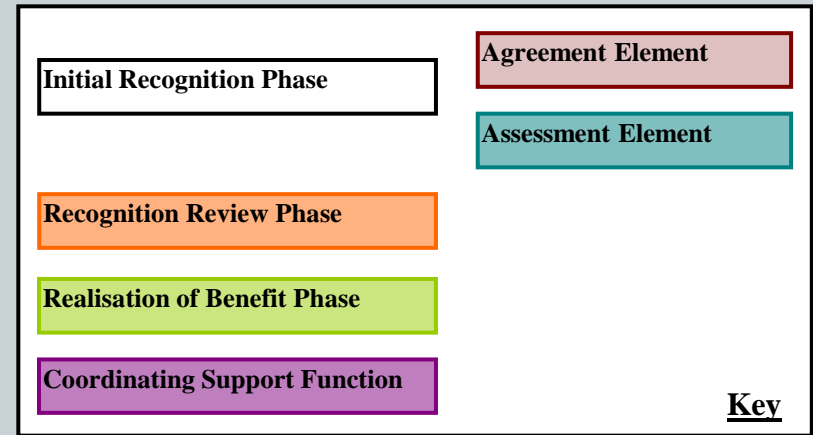
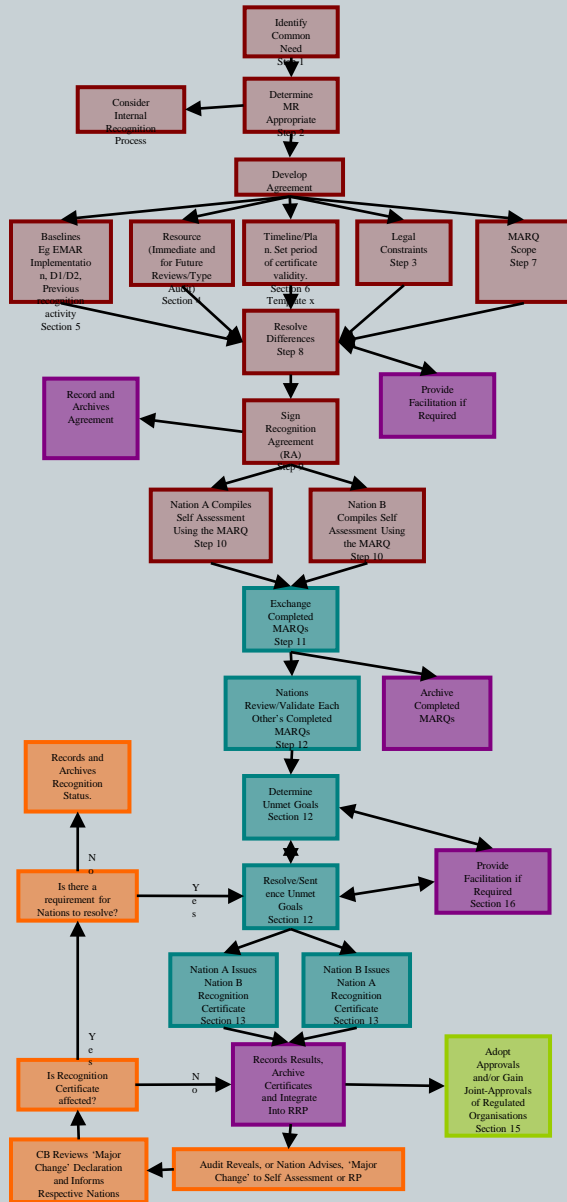
Approach to Mutual Recognition

- **Mil Recognition concept fundamentally different to civil approach.**
- **No EASA document to adapt.**
- **Started from a blank piece of paper.**
- **Workshops Conducted on 5 Oct 11 and 25 Jan 12.**
- **Process developed.**
- **Supporting document drafted.**
- **Pathfinder validated process.**
- **Adaptable for NATO and ASIC.**

Recognition - Principles



The Recognition Process



MARQ - Military Authorities' Recognition Question-set

Sub Sect 1.1 Airworthiness Regulator

Always Invoked

Sub Sect 1.2
Airworthiness
Inspection

Sub Sect 1.3
Production
Oversight

Sub Sect 1.4
Aircraft
Certification

Developed from:

ICAO Doc 9734, Safety Oversight Manual

ICAO Doc 9760, Airworthiness Manual

UK MAA and FR DSAÉ Recognition Agreement

■ The Recognition

Agreement was signed:

- by MAA Technical Director on 17 Oct 2012;
- by DSAÉ Airworthiness Director on 26 Oct 2012.



Lessons from Military Authorities Recognition Question-set

- This is not a pass/fail test.
- The MARQ enables the Authority to paint a picture of its operating model in terms of organisation, regulation and policy.
- The MARQ provides a common template for a recognition partner to determine whether the other is operating in a way that is compatible with its own mandate.
- Sufficient detail should be included to understand arrangements in place. There are no right or wrong answers.
- Only subsections relevant to the scope of recognition are completed.

- **Pathfinder**
 - MARQ sub sects 1.1 and 1.2 were exchanged and assessed.
 - Questions and requests for clarity were sent ahead of validation visits.
 - Validation visits (3 SQEP personnel) were conducted and questions answered. MARQs were revised accordingly where appropriate.
 - Final assessment of revised MARQs were made to ensure scope, and content of Recognition Certificates were appropriate.
 - Recognition Certificate content agreed between MAA and DSAE and signed in Mar/Apr 13. Signatories at 1*/2* level.

Mutual Recognition...

Certificate of Recognition

of

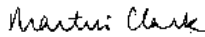
Direction de la Sécurité
Aéronautique D'Etat
(France)

in the field of

Continuing Airworthiness
Assurance

by

Military Aviation Authority
(United Kingdom)



Air Vice-Marshal Martin Clark

26th MARCH 2013

Date

Certificate of Recognition

of

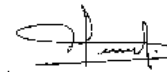
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General Guy-Daniel Mary

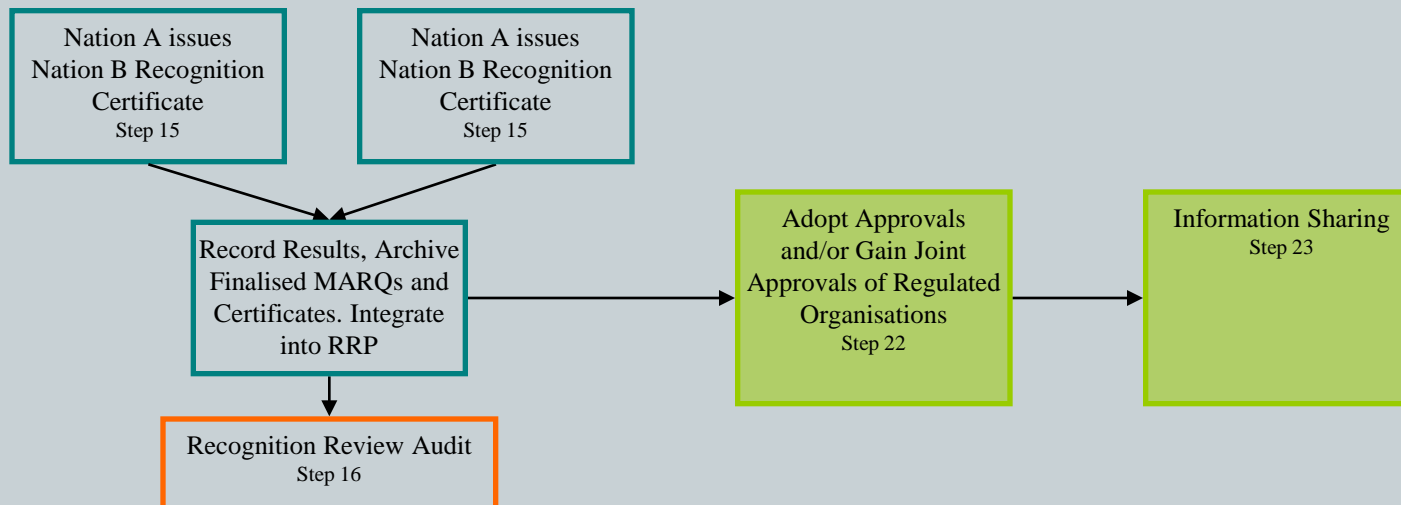
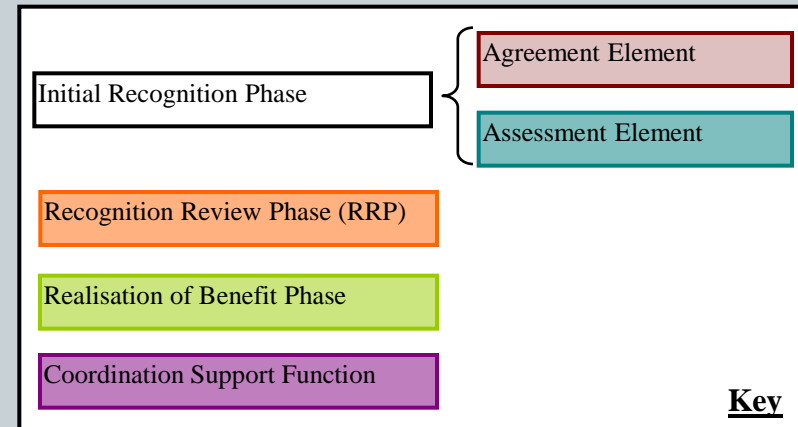
8th April 2013

Date

Authority

MAA

Realisation of Benefits Phase



Current Status

- EMAD-R published Jan 2013 to support future recognition. Agreed at MAWA Forum (26 pMS).
- Further Recognition activities already underway.
- UK MAA & French DSAÉ mutual recognition in place.
 - Enabler for A400M pooling of spares
- Realisation of benefits: Sharing artefacts including approvals, certifications, & licensing.

Other Harmonization Initiatives

NATO Airworthiness Policy -

All work associated with the airworthiness process shall be performed by authorized individuals employing approved processes within organizations accredited/approved by a NATO **recognized** airworthiness authority



Goals -

Develop a Standard Question Set, based on MAWA.
Will be maintained as an ASIC Air Standard.
Establish Major Constituent Parts to Airworthiness.
Develop a high level 'Process of **Recognition**'.
Employment of Question Set.





Questions?

THE NIMROD REVIEW

