



**EASA**  
European Aviation Safety Agency

# Status of the ECQB

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- Overview of ECQB activities
- Changes made to date to the ECQB
- Transition from “old” to “new” ECQB
  - “old” syllabus: published 2014 (CBIR, EIR) & 2016
  - “new” syllabus: published 2018 and forthcoming subject 090
- Ensuring that the “new” ECQB contains appropriate questions



# Overview of ECQB activities



**ECQB Team @ EASA – process owner**

**25 Question Writers  
selected & contracted by EASA**



**41 active Technical Reviewers  
nominated by the NAAs**

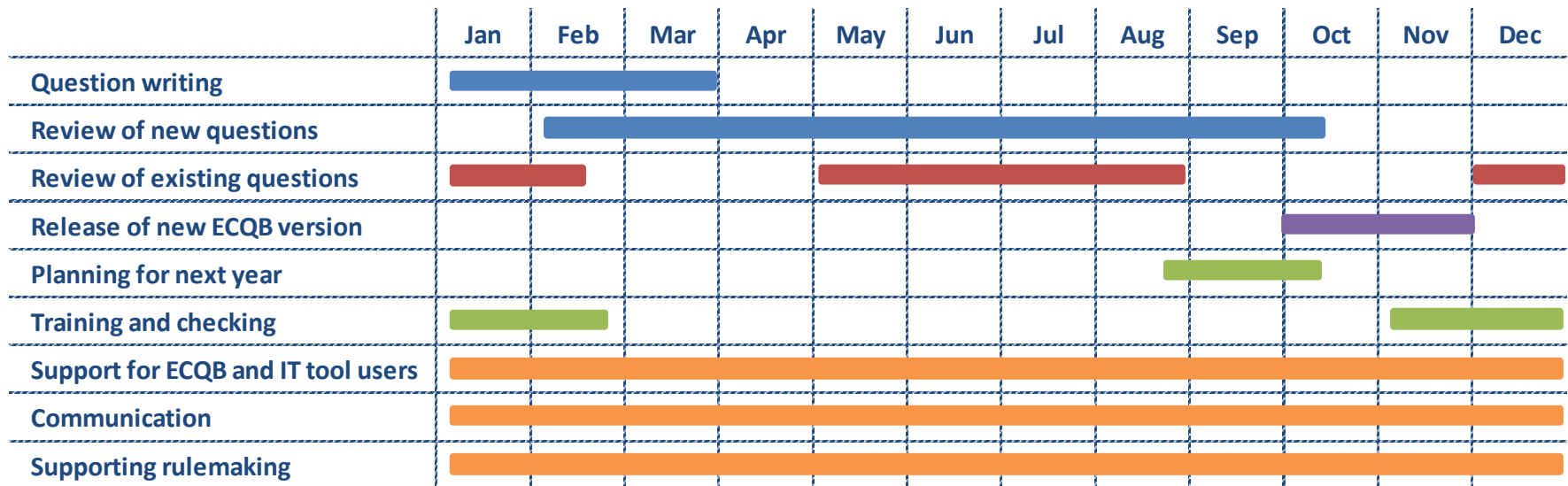
## ➤ Aims of the ECQB process

- To ensure sufficient coverage of the syllabi and LOs
- To ensure that the questions are **accurate, current, relevant & suitable**



# Overview of ECQB activities

- Main delivery is the annual release of the ECQB each November
  - **1500** new questions
  - **2000** of the existing questions reviewed
- Questions **released for exam use** end 2018 will align to the “old” syllabus



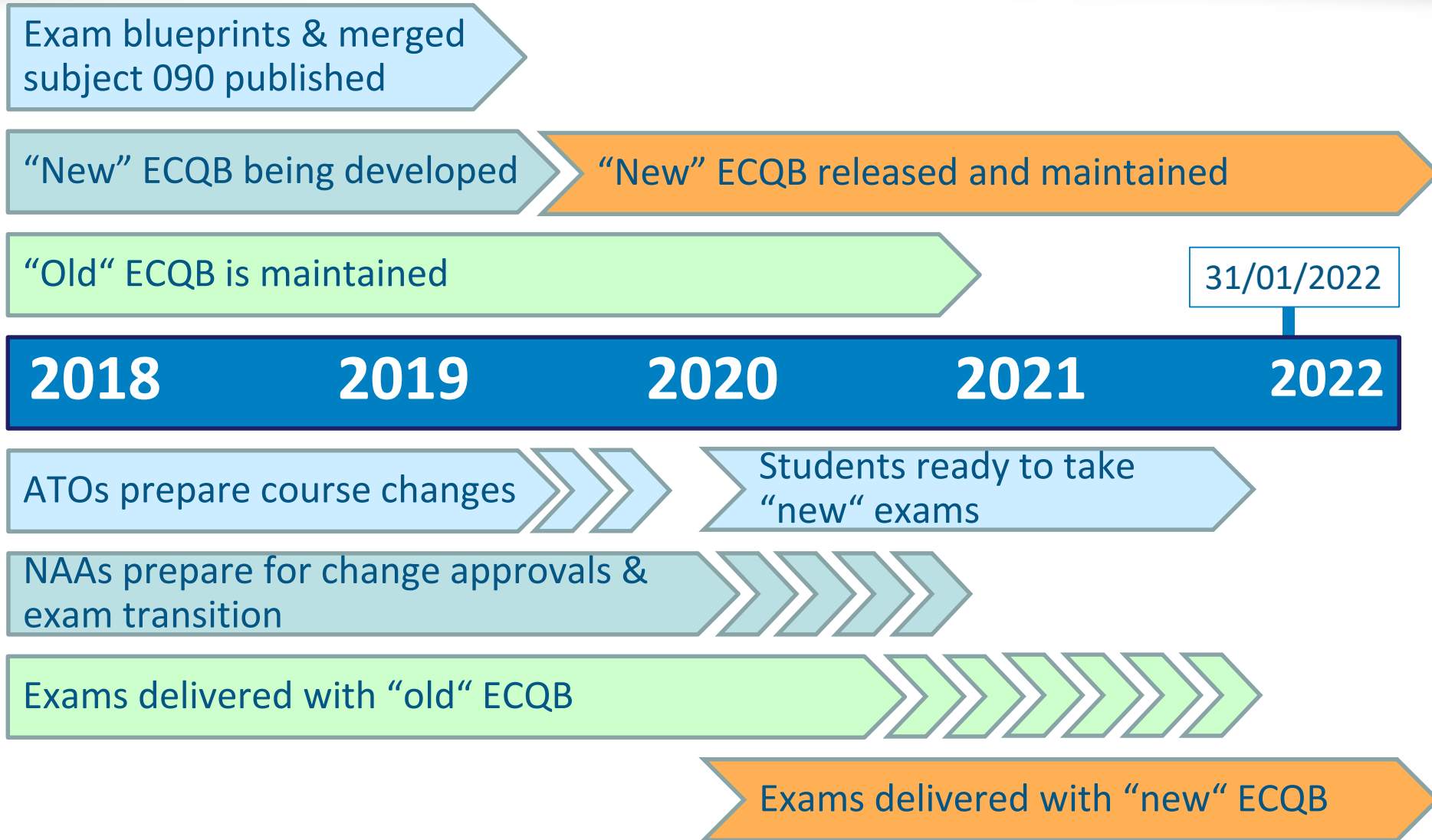


# Changes made to date in the ECQB

- ECQB release 5 from December 2018:
  - **Aeronautical charts** are up-to-date and taken from the Jeppesen **General Student Pilot Route Manual** (2017)
  - Check with your NAA to confirm:
    - If candidates must bring in a manual
    - If yes, then which edition is to be used
  - **Meteorological charts** are also up-to-date
  - **Level of English** used in the questions is based on:
    - **B1** as per CEFR (Common European Framework Reference of Languages)
    - And **vocabulary** used in the **LOs** and **quoted regulations**



# Transition from “old” to “new” ECQB





# Transition from “old” to “new” ECQB

- Maintenance of the “old” ECQB continues
- Drafting of questions on new LOs is underway
  - Building the “new” ECQB based on the “new” syllabus
  - Focusing on **new** and **significantly modified** LOs
  - This intensive engagement with the new LOs has:
    - Identified some **minor errors** – references, terms
    - Led to discussions on a small number of LOs – **how to interpret** these LOs



# Ensuring that appropriate questions are moved to the “new” ECQB

- Complete a detailed comparison of all LOs:
  - Identifying:
    - New, modified and deleted Los
      - And the significance of the modifications
    - LOs that remain unchanged
    - Movement within and between subjects
  - Containing the full text of the “old” and “new” syllabi
- We will share the **Syllabus Comparison Document** with you – Q3 2018





# Ensuring that appropriate questions are moved to the “new” ECQB

## ➤ Example for Meteorology ➔ [\(file will be opened\)](#)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	Index	Old syllabus text	Old syllabus ref	New syllabus ref	New syllabus text	Renumbered	New	Deleted	Text unmodified	Revised, intent the same	Revised, intent modified	Moved to another subject	ATPL(A)	CPL(A)	ATPL(H)/IR	ATPL(H)/VFR	CPL(H)	IR(A/H)	CBIR, EIR	BK
1																				
2	1	METEOROLOGY	050.00.00.00	050.00.00.00	METEOROLOGY															
3	2	THE ATMOSPHERE	050.01.00.00	050.01.00.00	THE ATMOSPHERE				x											
4	3	Composition, extent, vertical division	050.01.01.00	050.01.01.00	Composition, extent, vertical division				x											
5	4	Structure of the atmosphere	050.01.01.01	050.01.01.01	Structure of the atmosphere				x											
6	5	Describe the vertical division of the atmosphere, based on the temperature variations with height.	050.01.01.01.01	050.01.01.01.01	Describe the vertical division of the atmosphere up to flight level (FL) 650, based on the temperature variations with height.					x			X	X	X	X	X	X	X	
7	6	List the different layers and their main qualitative characteristics.	050.01.01.01.02	050.01.01.01.02	List the different layers and their main qualitative characteristics up to FL 650.					x			X	X	X	X	X	X	X	
8	7	Troposphere	050.01.01.02	050.01.01.02	Troposphere				x											
9	8	Describe the troposphere.	050.01.01.02.01	050.01.01.02.01	Describe the troposphere.				x				X	X	X	X	X	X	X	
10	9	Describe the main characteristics of the tropopause.	050.01.01.02.02	050.01.01.02.02	Describe the main characteristics of the tropopause.				x				X	X	X	X	X	X	X	
11	10	Describe the proportions of the most important gases in the air in the troposphere.	050.01.01.02.03	050.01.01.02.03	Describe the proportions of the most important gases in the air in the troposphere.				x				X	X	X	X	X	X	X	
12	11	Describe the variations of the flight level and temperature of the tropopause from the poles to the equator.	050.01.01.02.04	050.01.01.02.04	Describe the variations of the FL and temperature of the tropopause from the poles to the equator.				x				X	X	X	X	X	X	X	
13	12	Describe the breaks in the tropopause along the boundaries of the main air masses.	050.01.01.02.05	050.01.01.02.05	Describe the breaks in the tropopause along the boundaries of the main air masses.				x				X	X	X	X	X	X	X	
14	13	Indicate the variations of the flight level of the tropopause with the seasons and the variations of atmospheric pressure.	050.01.01.02.06	050.01.01.02.06	Indicate the variations of the FL of the tropopause with the seasons and the variations of atmospheric pressure.				x				X		x	x				
15	14	Stratosphere	050.01.01.03	050.01.01.03	Stratosphere				x											
16	15	Describe the stratosphere.	050.01.01.03.01	050.01.01.03.01	Describe the stratosphere up to FL 650.					x			x							
17	16	<del>Describe the main differences of the composition of the air in the stratosphere compared to the troposphere.</del>	<del>050.01.01.03.02</del>					x												
18	17	<del>Mention the vertical extent of the stratosphere up to the stratopause.</del>	<del>050.01.01.03.03</del>					x												



# Ensuring that the “new” ECQB contains appropriate questions

- “Old” ECQB questions will be reviewed for appropriateness in the “new” syllabus:
  - Has the **associated LO** been **modified**?
  - Is there a **different source** reference?
  - **Problematic questions** will be revised or replaced
- Only **appropriate questions** will be moved to the “new” ECQB
- All questions associated with **deleted LOs** will **not** be moved to the “new” ECQB



# Ensuring that the “new” ECQB contains appropriate questions

- The revised blueprints will be published!
- All topics will be filled with a sufficient number of questions to ensure exams can be delivered
  - Number of questions on the exam blueprint at the **topic level x 3** (minimum, **x 5 ideal**)
  - Suitable range of short and longer questions (**1-, 2- and 3-minute** questions) vs. overall **time allowed**

Theoretical knowledge examination - <b>FICTITIOUS SUBJECT</b>														
Exam length, total number of questions and distribution of questions														
	<b>ATPL(A)</b>		<b>CPL(A)</b>		<b>ATPL(H)/IR</b>		<b>ATPL(H)</b>		<b>CPL(H)</b>		<b>IR(A)&amp;(H)</b>		<b>EIR&amp;CB-IR(A)</b>	
Time allowed (hours)	00:45		00:35		00:45		00:35		00:35		-		-	
Distribution of questions with regard to the topics of the syllabus														
xx 01	10	50	8	40	10	50	8	40	8	40	XX	–	XX	–
xx 02	12	60	8	40	12	60	8	40	8	40	XX	–	XX	–
xx 03	5	25	4	20	5	25	4	20	4	20	XX	–	XX	–
xx 04	3	15	3	15	3	15	3	15	3	15	XX		XX	-
Total number of questions	30	150	23	115	30	150	23	115	23	115	-	-	-	-



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**Thank you for your attention**

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