Annex I to Decision 2015/010/R¹ ‘AMC and GM to Part ATCO’
Amendment 1

The text of the amendment is arranged to show deleted, new or amended text as shown below:
— deleted text is marked with strike through;
— new or amended text is highlighted in grey; and
— an ellipsis (…) indicates that the remaining text is unchanged in front of or following the reflected amendment.

Annex I to Decision 2015/010/R is hereby amended as follows:

A new AMC1 ATCO.B.020(a) is inserted as follows:

AMC1 ATCO.B.020(a)  Unit endorsements
GENERAL
When aerodrome control service is provided from a remote location, each aerodrome should constitute its own unit endorsement.

A new GM1 ATCO.D.055(a) is inserted as follows:

GM1 ATCO.D.055(a)  Unit training plan
ATC UNIT FOR AERODROME CONTROL FROM A REMOTE TOWER
For the purpose of establishing a unit training plan, a Remote Tower Centre (RTC) may be considered as one Air Traffic Control (ATC) unit.

A new GM3 ATCO.D.060(c) is inserted as follows:

GM3 ATCO.D.060(c)  Unit endorsement course
PERFORMANCE OBJECTIVES FOR AIR TRAFFIC CONTROLLERS PROVIDING AERODROME CONTROL SERVICE FROM A REMOTE TOWER
The performance objectives for air traffic controllers providing aerodrome control service from a remote tower should ensure, through the use of a Remote Tower Module (RTM), that applicants apply ATC procedures in a manner that airspace users are not negatively impacted/affected, providing at least the same level of safety as from a conventional tower.

A new GM4 ATCO.D.060(c) is inserted as follows:

**GM4 ATCO.D.060(c) Unit endorsement course**

**TRAINING FOR AIR TRAFFIC CONTROLLERS PROVIDING AERODROME CONTROL SERVICE FROM A REMOTE TOWER**

For air traffic controllers providing aerodrome control service from a remote tower, the following subjects, subject objectives, topics and subtopics should be integrated into the unit endorsement course:

**Subject 1: REMOTE TOWER OPERATION**

The subject objective is:

Learners shall acquire knowledge of the concept of remote tower operations, the characteristics of the operating environment, as well as the functions and limitations of the equipment.

**TOPIC RTO 1 INTRODUCTION TO REMOTE TOWER OPERATION**

Subtopic RTO 1.1 — Operational applications

Subtopic RTO 1.2 — Remote Tower Modules (RTMs), Remote Tower Centre (RTC)

Subtopic RTO 1.3 — Advanced Visual Features (AVFs) — Technologies, if available, to enhance visual presentation

**TOPIC RTO 2 OPERATING ENVIRONMENT**

Subtopic RTO 2.1 — Configuration of the RTM

Subtopic RTO 2.2 — Visual presentation at the RTM, e.g. layout of the visual presentation, end-to-end delay, orientation, differences in light conditions between the aerodrome and the Out-The-Window (OTW) visual presentation, use of filters, recognition of ‘dead’ pixels

Subtopic RTO 2.3 — Operating methods

Subtopic RTO 2.4 — Set-up and characteristics of the local equipment, including the location of the cameras

Subtopic RTO 2.5 — Familiarisation with the physical aerodrome environment and the different stakeholders via study visit(s)

Subtopic RTO 2.6 — Weather conditions’ impact on the equipment and on the visual presentation

**Subject 2: HUMAN FACTORS**

The subject objective is:

Learners shall appreciate the necessity to consider the specific human factors influence on the remote provision of aerodrome control service.

**Subject 3: ABNORMAL SITUATIONS**

The subject objective is:

Learners shall recognise specific abnormal situations and manage their impact.

**TOPIC ABN 1 LOSS OF VISUAL PRESENTATION**

Subtopic ABN 1.1 — Complete loss of visual presentation, e.g. ‘blank screens’ or frozen presentation

Subtopic ABN 1.2 — Visual presentation not being current

**TOPIC ABN 2 DEGRADED MODES OF VISUAL PRESENTATION**

Subtopic ABN 2.1 — Partial loss of visual presentation (e.g. loss of a screen(s) or camera failure)

Subtopic ABN 2.2 — Loss or degradation of the labelling system, if available

Subtopic ABN 2.3 — Loss or degradation of the zooming functionality and signalling lamp
A new GM1 ATCO.D.080(b) is inserted as follows:

**GM1 ATCO.D.080(b) Refresher training**

**TRAINING FOR AIR TRAFFIC CONTROLLERS PROVIDING AERODROME CONTROL SERVICE FROM A REMOTE TOWER**

For air traffic controllers providing aerodrome control service from a remote tower, the refresher training should include familiarisation with the physical aerodrome environment and the different stakeholders via study visit(s).

A new GM1 ATCO.D.085 is inserted as follows:

**GM1 ATCO.D.085 Conversion training**

**TRAINING FOR AIR TRAFFIC CONTROLLERS PROVIDING AERODROME CONTROL SERVICE FROM A REMOTE TOWER**

When converting from a conventional tower to a remote tower, the conversion training for air traffic controllers providing aerodrome control service from a remote tower should at least include the subjects, subject objectives, topics and subtopics as specified in GM4 ATCO.D.060(c).

When converting from a remote tower to a conventional tower, the training organisation should consider possible additional training needs, if appropriate, required by the change of operational environment.

AMC1 ATCO.B.035(a)(3)(i) is amended as follows:

**AMC1 ATCO.B.035(a)(3)(i) Validity of language proficiency endorsement**

**VALIDITY OF THE LANGUAGE ENDORSEMENT OF PROFICIENCY LEVEL 6 IN ENGLISH LANGUAGE**

When replacing the licences according to Article 8(1) of Regulation (EU) 2015/340, the validity period for the expert level (level six) language proficiency endorsements should be introduced into the new licence.

The nine-year validity period for an expert level (level six) language proficiency endorsement in English acquired before 30 June 2015 should be counted from the date of the issue of the new licence or from the date of the assessment, whichever occurs first.