

GOVERNMENT NOTICE NO. 263 published on 18/9/2026

THE CIVIL AVIATION ACT,
(CAP. 80)

REGULATIONS

(Made under section 5)

THE CIVIL AVIATION (AERONAUTICAL RADIO FREQUENCY SPECTRUM
UTILIZATION) (AMENDMENT) REGULATIONS, 2026

Citation
GN. No.
52 of 2017

1. These Regulations may be cited as the Civil Aviation (Aeronautical Radio Frequency Spectrum Utilisation) (Amendment) Regulations, 2026 and shall be read as one with the Civil Aviation (Aeronautical Radio Frequency Spectrum Utilisation), Regulations, 2017, hereinafter referred to as the “principal Regulations”.

Amendment of
regulation 2

2. The principal Regulations are amended in regulation 2 by adding in their appropriate alphabetical order the following new definitions:

““C2 Link” means a data link between the remotely piloted aircraft and the remote pilot station for the purposes of managing the flight;

“Remotely Piloted Aircraft System (RPAS)” means a remotely piloted aircraft, its associated remote pilot station, the required C2 Link(s) and any other component as specified in the type design;”.

Deletion and
substitution of
regulation 35

3. The principal Regulations are amended by deleting regulation 35 and substituting for it the following:

“Utilisation in band 108-117.975 megahertz
35. The block allotment of the frequency band 108 – 117.975 megahertz shall be as follows:

*The Civil Aviation (Aeronautical Radio Frequency Spectrum Utilization)
(Amendment) Regulations*

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(a) for band 108 – 111.975
Megahertz-

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(i) instrument landing
system in accordance
with regulation 36(3)
and the Civil Aviation
(Radio Navigation
Aids) Regulations:

Provided
that, only
frequencies ending
in odd tenths of a
megahertz or odd
tenths plus a
twentieth of a
megahertz are used.

(ii) very high-frequency
omni-directional
range provided that:

(aa) only
frequencies
ending in
either even
tenths plus a
twentieth of
a megahertz
are used; and

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(bb) Global
Navigation
Satellite
Systems
ground –
based
augmentatio
n system in
accordance
with the
Civil
Aviation
(Radio
Navigation

Aids)
Regulations;
and

(b) for band 111.975 – 117.975
Megahertz-

(i) very high frequency
omni-directional
range; and

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(ii) Global Navigation
Satellite Systems
ground-based
augmentation system
in accordance with the
Civil Aviation (Radio
Navigation Aids)
Regulations.”.

Amendment of
regulation 36

4. The principal Regulations are amended in
regulation 36 by-

(a) deleting subregulation (2) and substituting for it
the following:

“(2) Instrument landing system channels
identified by localizer frequencies ending in an
odd tenth plus one twentieth of a megahertz in the
band 108 – 111.975 megahertz shall be permitted
to be utilised on the basis of regional agreement
for general use on or after 1st January 1976; and

(b) deleting subregulation (4) and substituting for it
the following:

“(4) Frequencies for very high frequency
omni-directional range facilities ending in even
tenths plus a twentieth of a megahertz in the band
108 – 111.975 megahertz and all frequencies
ending in 50 kilohertz in the band 111.975 –
117.975 megahertz shall be permitted to be
utilised for general use on the basis of a regional
agreement when they have become applicable in
accordance with the following:

(a) in the band 111.975 – 117.975
megahertz at least one year after the

- approval of the regional agreement concerned; and
- (b) in the band 108 – 111.975 megahertz giving a period of two years or more after the approval of the regional agreement concerned.”.

Addition of
regulation 40B

5. The principal Regulations are amended by adding immediately after regulation 40 the following-

“Utilisation
of
Frequencies
for RPAS C2
Link
Communicati
on Services”

40A. Utilisation of Frequencies for RPAS C2 Link Communication Services shall be as specified in the Sixth Schedule.”.

Addition of
Seventh
Schedule

6. The principal Regulations are amended by adding immediately after the Fifth Schedule the following:

SIXTH SCHEDULE

(Made under regulation 40A)

UTILISATION OF FREQUENCIES FOR RPAS C2 LINK COMMUNICATION SERVICES

1.0 Satellite-based C2 Link systems

1.1 Satellite-based RPAS C2 Link systems shall operate in the following frequency bands:

- (a) frequency bands with an appropriate allocation to aeronautical safety services under the aeronautical mobile-satellite (route) service (AMS(R)S). Frequency bands that meet these criteria and can be used for RPAS C2 Links, subject to the conditions associated with the allocations, are: 1 610 – 1 626.5 MHz and 5 000 – 5 150 MHz;
- (b) frequency bands with an allocation to aeronautical safety services under the mobile-satellite service (MSS) where AMS(R)S operations have priority access. Frequency bands that meet these criteria and can be used for RPAS C2 Links are: 1 545 – 1 555 MHz and 1 646.5 – 1 656.5 MHz.
- (c) frequency bands with an allocation to the fixed satellite service (FSS) where the conditions in ITU Resolution 155 (WRC-15) are met.

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Frequency bands in which this resolution applies are: — 10.95 – 11.2 GHz (space-to-Earth); — 11.45 – 11.7 GHz (space-to-Earth); — 11.7 – 12.2 GHz (space-to-Earth) in Region 2; — 12.2 – 12.5 GHz (space-to-Earth) in Region 3; — 12.5 – 12.75 GHz (space-to-Earth) in Regions 1 and 3; — 19.7 – 20.2 GHz (space-to-Earth); — 14.0 – 14.47 GHz (Earth-to-space); and — 29.5 – 30.0 GHz (Earth-to-space) with an ITU satellite earth station class of “UG”.

Note 1.— UG is an earth station on board an unmanned aircraft communicating with a space station of a geostationary satellite network in the fixed-satellite service for the control and non-payload communications of unmanned aircraft systems in non-segregated airspaces in the frequency bands listed under resolves 1 of ITU Resolution 155 (WRC-15).

Note 2.— Particular note needs to be taken of the timing and order of functions as delineated in ITU Resolution 155 (WRC-15), and in particular the references to necessary actions.

1.2 Remotely piloted aircraft (RPA) and remote pilot station (RPS) earth stations shall operate within the notified and recorded technical parameters of the associated satellite network, including specific or typical earth stations as published by the ITU.

1.3 RPA and RPS earth stations operating in accordance with 5.1.1 c) shall use FSS assignments that have been successfully coordinated under Article 9 of the ITU Radio Regulations and recorded in the Master International Frequency Register (MIFR) with a favourable finding under Article 11 of the ITU Radio Regulations including Nos. 11.31, 11.32 or 11.32A where applicable, and except those assignments that have not successfully completed coordination procedures under No. 11.32 by applying Appendix 5 paragraph 6.d.i of the ITU Radio Regulations.

2.0 Terrestrial C2 Link communication systems

2.1 Terrestrial RPAS C2 Link systems shall operate in bands allocated to the Aeronautical Mobile (Route) Service (AM(R)S). Frequency bands with such allocations include 113.250 MHz and 136.925 MHz (common signalling channels for VDL Mode 4), 960-1164 MHz and 5030-5091 MHz. The operation of the C2 Link within any of these bands shall be implemented so as to be compatible with the systems currently using these allocations. Compatibility shall be ensured through the development and application of necessary requirements and determined on the basis of regional air navigation agreements.

Dodoma,
4th September, 2026

MAKAME M. MBARAWA
Minister for Transport