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| **U.S. Radiocommunications Sector****Fact Sheet** |
| **Working Party:** ITU-R WP-5B | **Document No:** USWP5B35-15 |
| **Ref:** Annex 2.5 to Document 5B/315-E | **Date:** 29 August 2025 |
| **Document Title:** **WORKING DOCUMENT TOWARDS A HANDBOOK ITU-R M. [HDBK\_STATUS.SPECTRUM.RPAS\_DAA]** - Handbook on status of availability of spectrum for detect-and-avoid radars [onboard] remotely piloted aircraft. |
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| **Purpose/Objective:** This Handbook is intended as a replacement for Report ITU-R M.2204-0 (11/2010) “Characteristics and spectrum considerations for sense and avoid systems used on unmanned aircraft systems”. Earlier efforts were made to update to Report ITU-R M.2204-0 however, it was decided that a Handbook would be a more appropriate location to catalog the information currently found in the report. This new ITU-R Handbook will provide information on appropriate frequency bands for Detect and Avoid (DAA) radar systems onboard unmanned aircraft or for ground based DAA radar systems to support unmanned aircraft operations. |
| **Abstract:** This contribution continues the process of developing a new ITU-R Handbook for unmanned aircraft DAA system by addressing comments received from other administrations during previous ITU-R WP 5B meetings. This new Handbook will explore the list of frequency bands allocated to the Aeronautical Radionavigation and Radionavigation Services, which could be used for Detect and Avoid radar systems installed on unmanned aircraft or on the ground in support of unmanned aircraft operations. |

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| **Radiocommunication Study Groups** |  |
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| WORKING DOCUMENT TOWARDS A HANDBOOK ITU-R M. [HDBK\_STATUS.SPECTRUM.RPAS\_DAA] |
| Handbook on status of availability of spectrum for detect-and-avoid radars [onboard] remotely piloted aircraft |

**Introduction**

This Handbook was intended as a replacement for Report ITU-R M.2204-0 (11/2010) “Characteristics and spectrum considerations for sense and avoid systems used on unmanned aircraft systems”. Earlier efforts were made to update to Report ITU-R M.2204-0 however, it was decided that a Handbook would be a more appropriate location to catalog the information currently found in the report. This new ITU-R Handbook was intended to provide information on appropriate frequency bands for Detect and Avoid (DAA) radar systems onboard unmanned aircraft or for ground based DAA radar systems to support unmanned aircraft operations.

**Proposal**

Since there is a general consensus that ICAO should decide which of the frequency bands are best suited for aviation use, the United States proposes that we discontinue work on this Handbook and leave the debate over which bands are best suited for DAA systems to ICAO.