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| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP-5B | **Document No:** USWP5B26-WW-FS |
| **Ref:** Annex 32 to Document 5B/225-E | **Date:** 29 January 2021 |
| **Document Title:** WORKING DOCUMENT TOWARDS A PRELIMINARY DRAFT NEW REPORT ITU-R M.[UA-AIRBORNE-DAA] - Guidance on suitable frequency bands and services to be used by airborne unmanned aircraft detect-and-avoid non-cooperative systems |
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| **Purpose/Objective:** The purpose of this contribution is to continue to update a new report to identify and provide information on appropriate frequency bands for Detect and Avoid radar systems installed on unmanned aircraft. This report, along with a companion report for ground based radars to support unmanned aircraft operations, will ultimately replace ITU-R Report M.2204-0. |
| **Abstract:** This contribution will continue the process of drafting a new report for Detect and Avoid radar systems installed on unmanned aircraft based on the update to the draft new report found in Annex 32 of the Chairman’s Report of the November 2020 WP-5B meeting. This new report will update 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. The report will also provide information on other systems and services in these bands, coexistence issues, and an evaluation of the suitability of the band for UAS Detect and Avoid radar systems. |