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| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP-5B | **Document No:** USWP5B29-XX-FS |
| **Ref:** Annex 14 to Document 5B/531-E | **Date:** 28 April 2022 |
| **Document Title:** PRELIMINARY DRAFT NEW RECOMMENDATION ITU-R M.[15.4-15.7\_GHz\_ARNS] - Characteristics of and protection criteria for radars operating in the aeronautical radionavigation service in the frequency band 15.4-15.7 GHz. |
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| **Purpose/Objective:** The purpose of this contribution is to continue to develop a new recommendation for aeronautical radionavigation systems, including unmanned aircraft systems (UAS) Detect and Avoid (DAA) radar systems, in the 15.4-15.7 GHz band.  |
| **Abstract:** This contribution will continue the process of developing a new recommendation containing characteristics of and protection criteria for systems that operate in the 15.4-15.7 GHz aeronautical radionavigation service allocation including UAS DAA systems. Due to the stability of the technical characteristics data for the airborne and ground based DAA system as well as the technical characteristics data for the landing system, this contribution proposes to upgrade the Working Document into Preliminary Draft New Recommendation. This contribution will be an update to the new report found in Annex 14 of the Chairman’s Report of the 27 April 2022 Document 5B/531-E virtual meeting.  |