

Federal Aviation Administration
Office of Spectrum Policy and Management
ASR-1
800 Independence Ave., SW.
Washington, DC 20591

Subject: Notification of Intent to File for FCC Certification for TRA-100B Mode S Transponder family

In accordance with FCC Rules and regulations Part 87, paragraph 87.147(d), notification is hereby given from Leonardo S.p.a. to file for FCC Certification for the TRA-100B Mode S Transponder family with the following part numbers:

- TAC-6001/03
- TAC-6003/03
- TAC-6004/03

The TRA-100B has completed the development, has the SOI4 closed and will receive the EASA authorization for the following ETSOs:

- ETSO-C112d - Air Traffic Control Radar Beacon System / Mode Select (ATCRBS / Mode S) Airborne Equipment
- ETSO-C166b - Extended Squitter Automatic Dependent Surveillance – Broadcast (ADS-B) and Traffic Information Service – Broadcast (TIS-B) Equipment Operating on the Radio Frequency of 1090 Megahertz (MHz)

Attachment A lists all the attached documentation to support your evaluation.

If you have any questions or concerns, please contact me by one of the methods below.

Sincerely,



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ATTACHMENT A

1. RF Exposure evaluation test report ref. 16-02556 (10 pages)
2. FCC Test Report ref. 16-02555 (81 pages) including
 - a. EUT External Photografic Documentation (3 pages)
 - b. EUT Internal Photografic Documentation (6 pages)
 - c. Test Setup Photografic Documentation (6 pages)