

ANNEX IV

Part A:

Requirements for the verification of systems carried out under Article 5(1)

1. The verification of systems implementing flight message transfer protocol shall demonstrate the conformity of these systems with the interoperability requirements of this Regulation in a simulated environment that reflects the operational context of these systems.
2. The verification of systems implementing flight message transfer protocol shall be conducted in accordance with appropriate and recognised testing practices.
3. Test tools used for the verification of systems implementing flight message transfer protocol shall have appropriate functions to secure comprehensive coverage of the tests.
4. The verification of systems implementing flight message transfer protocol shall produce the elements of the technical file required by Annex IV(3) to Regulation (EC) No 552/2004 and the following elements:
 - (a) description of the implementation of flight message transfer protocol;
 - (b) the report on inspections and tests conducted before putting the system into service.
5. The air navigation service provider shall manage the verification activities and shall in particular:
 - (a) determine the appropriate simulated operational and technical environment reflecting the operational environment;
 - (b) verify that the test plan describes the integration of flight message transfer protocol in the system tested in a simulated operational and technical environment;
 - (c) verify that the test plan provides full coverage of the interoperability requirements of this Regulation;
 - (d) ensure the consistency and quality of the technical documentation and the test plan;
 - (e) plan the test organisation, staff, installation and configuration of the test platform;
 - (f) perform the inspections and tests as specified in the test plan;
 - (g) write the report presenting the results of the inspections and tests.
6. The air navigation service provider shall ensure that the implementation of flight message transfer protocol, integrated in systems operated in a simulated operational environment, meets the interoperability requirements of this Regulation.
7. Upon satisfactory completion of verification of compliance, air navigation service providers shall draw up the EC declaration of verification of system and submit it to the national supervisory authority together with the technical file, as required by Article 6 of Regulation (EC) No 552/2004.

Part B:

Requirements for the verification of systems carried out under Article 5(2)

1. The verification of systems implementing flight message transfer protocol shall demonstrate the conformity of these systems with the interoperability requirements of this Regulation in a simulated environment that reflects the operational context of these systems.
2. The verification of systems implementing flight message transfer protocol shall be conducted in accordance with appropriate and recognised testing practices.
3. Test tools used for the verification of systems implementing flight message transfer protocol shall have appropriate functions to secure comprehensive coverage of the tests.
4. The verification of systems implementing flight message transfer protocol shall produce the elements of the technical file required by Annex IV(3) to Regulation (EC) No 552/2004 and the following elements:
 - (a) description of the implementation of flight message transfer protocol;
 - (b) the report on inspections and tests conducted before putting the system into service.
5. The air navigation service provider shall determine the appropriate simulated operational and technical environment reflecting the operational environment and shall have verification activities performed by a notified body.
6. The notified body shall manage the verification activities and shall in particular:
 - (a) verify that the test plan describes the integration of flight message transfer protocol in the system tested in a simulated operational and technical environment;
 - (b) verify that the test plan provides full coverage of the interoperability requirements of this Regulation;
 - (c) ensure the consistency and quality of the technical documentation and the test plan;
 - (d) plan the test organisation, staff, installation and configuration of the test platform;
 - (e) perform the inspections and tests as specified in the test plan;
 - (f) write the report presenting the results of the inspections and tests.
7. The notified body shall ensure that the implementation of flight message transfer protocol, integrated in systems operated in a simulated operational environment, meets the interoperability requirements of this Regulation.
8. Upon satisfactory completion of verification tasks, the notified body shall draw up a certificate of conformity in relation to the tasks it carried out.
9. Then, the air navigation service provider shall draw up the EC declaration of verification of systems and submit it to the national supervisory authority together with the technical file, as required by Article 6 of Regulation (EC) No 552/2004.