RTCA, Inc.
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CHANGE NO. 1
(For the addition of Hijack Mode Operations)

-TO-

RTCA/DO-181C

MINIMUM OPERATIONAL PERFORMANCE STANDARDS FOR AIR TRAFFIC CONTROL RADAR BEACON SYSTEM/MODE SELECT (ATCRBS/MODE S) AIRBORNE EQUIPMENT

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Prepared by SC-187

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Change Transmittal

This Change 1 to DO-181C forwards revised text for Section 2.1 – General Requirements for All Equipment, Section 2.2 – Minimum Performance Standards – Standard Conditions and Signals, Section 2.5.4 – Test Procedures and appropriate paragraphs of Section 3 – Installed Equipment Performance.

- Add Section 2.1.7, Flight Crew Control Functions
- Add Section 2.1.10.1, Antenna/Transponder Configurations
- Add Section 2.2.21, Mode S Transponder Hijack Mode
- Add Section 2.5.4.40, Procedure #40 Mode S Transponder Hijack Mode (2.2.21)
- Add Section 3.1 revisions:
  - Paragraphs 3.14 - Aircraft Power Source, 3.1.41. – Normal Equipment Operations and 3.1.4.2 – Hijack Mode Equipment Operations
  - Paragraph 3.1.8 – Single Operational Transponder at One Time
  - Paragraphs 3.3.16 – Singe Operational Transponder at One Time and
  - 3.3.17 – Hijack Mode Operations

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Transponder Hijack Mode Operation Requirements

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