

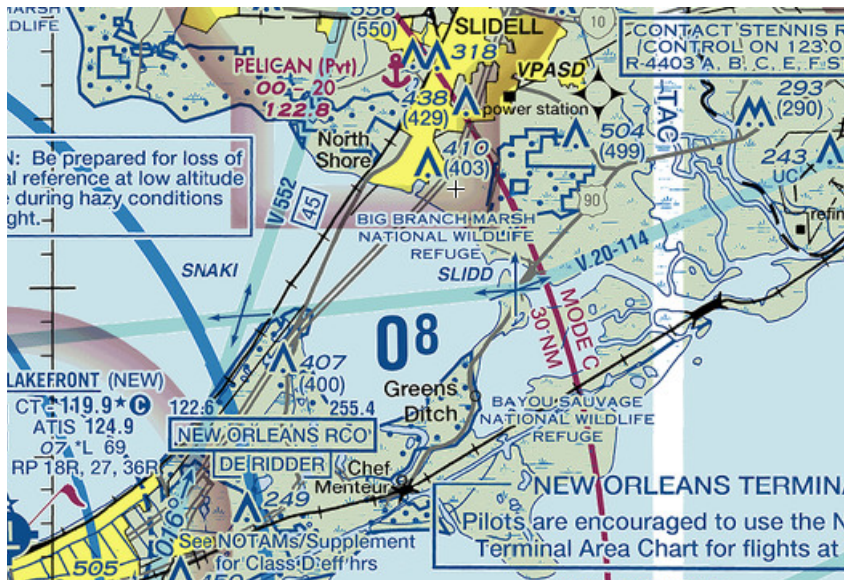
**AERONAUTICAL CHARTING MEETING**  
**Instrument Procedures Group**  
**Meeting 20-02 – October 28 - 29, 2020**

**RECOMMENDATION DOCUMENT**  
**FAA Control #20-02-347**

**Subject:** MODE C or ADS-B VEIL

**Background/Discussion:**

VFR Sectionals and Terminal Area Charts still show “MODE C” on the 30 nm ring despite the new ADS-B requirement.



**Recommendations:**

Update to appropriate terminology, i.e., “MODE C/ADS-B”.

**Comments:**

**Submitted by:** William A. Tuccio

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**Date:** 10/1/2020

Please send completed form and any attachments to:  
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## MEETING 20-02

Bill Tuccio, Garmin, briefed the new topic. Bill explained that this is a recommendation to update the Mode C Airspace label to “Mode C/ADS-B” on FAA Visual Flight Rules (VFR) Sectionals and Terminal Area Charts since ADS-B is now a requirement.

Paul Gallant, FAA/AJV-P210, stated that the Airspace Rules and Regulations Team has no objections to this change. He explained that according to 14 CFR 91.225 and 14 CFR 91.215, the requirements are the same for Mode C and ADS-B Out. For that reason, he suggested that the wording on the chart say “Mode C and ADS-B Out” to ensure pilots understand that both are required. Valerie Watson, FAA/AJV-A250, stated that she agrees with this recommendation and with Paul’s suggested rewording of the note.

John Collins, ForeFlight, said that references to the “Mode C Veil” in the Aeronautical Information Manual (AIM) and Aeronautical Information Publication (AIP) should be updated to reflect this change to the terminology. Bill agreed that the publications need to be aligned with this change. Valerie said that the description need to be updated to include mention of the requirement to be ADS-B out equipped. Paul agreed and said that his office can take the action to update the AIM and AIP. Bill also mentioned a change is needed in Advisory Circular (AC) 90-114A. Rich Boll, NBAA, stated that the AC has already been updated for ADS-B and no action is need. *(Post-meeting update: Paul reported that all references in the AIM and AIP were already updated to require ADS-B Out in the Mode C Veil. No further changes for these documents are necessary.)*

Steve Madigan, Garmin, added that updates will also be needed for the Chart Users’ Guide and the VFR Chart Legends. Valerie said those changes will be made as part of the specification changes.

There was audience consensus to use the label “MODE C & ADS-B – OUT” on the charts.

### STATUS: OPEN

**ACTION:** Valerie Watson, FAA/AJV-A250, to draft an Interagency Air Committee (IAC) specification change to update the Mode C Airspace label on VFR Sectionals, Terminal Area Charts, and to update the Chart Users’ Guide.

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## MEETING 21-01

Samer Massarueh, FAA/AJV-A223, reviewed the issue. At the last ACM, there was audience consensus to update the Mode C Airspace label to include a reference to ADS-B on the VFR Sectionals and Terminal Area Charts. Valerie Watson, FAA/AJV-A250, confirmed that the charting specification has been approved and that “Mode C & ADS-B OUT” will be published on all Mode C Veil boundaries for the 12 August 2021 effective date.

### STATUS: CLOSED