

TRFD WebEx

January 29, 2020

Proposed FAA AC Summary

The FAA, (john.d.fisher@faa.gov), provided a presentation stating work is underway to write a new Advisory Circular (AC) to support the ICAO Global Aeronautical Distress & Safety System (GADSS) initiative.

The FAA is soliciting industry input for this effort to better ensure the document will be useful accurate and address any industry concerns

Currently the focus of the AC is to:

- Describe and clarify requirements
- Provide best practices or suggested SOPs

John would like to write a version of The AC and, ask industry experts as questions arise. Then periodically present a draft version for group review to gain feedback and input. The hope is repeating this process a few times will create an accurate document that is useful to the industry.

This group and others are encouraged to email or call Mr. Fisher with ideas or questions related to this effort.

The current work timeline is as follows:

- Jan 28 - Begin work
 - Gain industry input, craft useful document
- Jul 28 - Complete work with industry
- Aug 28 - Route for internal coordination (2 months)
- Oct 28 - Public Comment (1 month)
- Nov 28 - Incorporate comments (1 month)
- Dec 28 - Release (from my office)

The current outline for the AC is as follows: (but may change as document begins to take shape)

1. Purpose of This AC. - Boiler plate
2. Audience. - Boiler plate
3. Where You can Find This AC. - Boiler plate
4. What This AC cancels. - Boiler plate
5. Background. - Boiler plate
- 6 GADSS System Overview
- 7 Normal Tracking
 - What it is
 - Relevant documents (and interpretation of)
 - Regs from, US ICAO, EU and others?
- 8 Autonomous Distress Tracking (ARINC report 680?)

- What it is
- Relevant documents (and interpretation of)
- Methods of compliance (current systems)
 - ELT-DT, ADFR, ADS-B, SBA, new and novel
- LADR (GADSS Information Management and Procedures?)
 - What it is
 - Relevant docs (and interpretation of)
 - Roles of Airline operator, ANSP, ICAO, SAR, COSPAS-SARSAT

9 Post Flight Localization and Recovery (ARINC Report 681?)

- What it is
- Relevant documents (and interpretation of)
- Methods of compliance (current systems)
 - ELT-DT, ADFR, others?
- Timely Recovery of Flt Data
 - Satellite Based, ADFR, others
- Standardized method to transfer data from server to Accident Investigation Board

11 Related Documents, Acronyms and Glossary

- Documents, Acronyms used in this AC
- Related Docs NOT used in AC but good to know about