General Aviation Joint Steering Committee

**Smart Cockpit Technology**

**Outreach Guidance Document**

**2017/8-14-112 (I) PP**

This outreach guidance is provided to all FAA and aviation industry groups that are participating in outreach efforts sponsored by the General Aviation Joint Steering Committee (GAJSC). It is important that all outreach on a given topic is coordinated and is free of conflicts. Therefore, all outreach products should be in alignment with the outline and concepts listed below for this topic.

**Outreach Month: April 2018**

**Topic: Smart Cockpit Technology (GAJSC SCF-SE-39)**

The FAA and industry will conduct a public education campaign on the benefits associated with Scenario-based Emergency Procedures Training.

**Background:**

The GAJSC has determined that *Smart Cockpit Technology* in the form of automated checklists for normal and emergency operations, predictive aircraft performance, and performance monitoring might reduce the number of system/component failure general aviation accidents. This presentation discusses currently available and future technologies that provide information to pilots.

**Teaching Points:**

* Discuss the safety benefits of smart cockpit technology
* Make pilots aware that ADS-B is the first step to smart cockpit technology. Make a case for equipping with ADS-B In and Out to take advantage of data link information streams and collision avoidance information.

**References:**

* ***General Aviation Power Point***

Available on the National FAASTeam Share Point site under [Approved Resources](https://avssp.faa.gov/avs/afsfaast/Pages/Approved-Resources.aspx)

* ***GAJSC System/Component Failure (SCF-PP) Report***

[Available in the GAJSC Document Center](http://www.gajsc.org/document-center/)

**IMPORTANT** – Once you have completed outreach on this topic, please help us track the outreach you have done by entering a PTRS record.

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| PTRS Activity Code | National Use | Primary Area | Key word | Description | Performance Target | Due  Date | LDR  **12XXFAAST** |
| 2685 | NPP14 | K | 032 | Promote “Topic of the Month” within the FSDO area | 1 per FSDO per month | 09/15/18 | OR0100 |