**Landing Page Information (First page in Qualtrics before proceeding into the survey)**

**OMB Control Number:**

**OMB Expiration:**

|  |  |  |  |
| --- | --- | --- | --- |
| Summary (Annual numbers) | **Reporting** | **Recordkeeping** | **Disclosure** |
| **# of Respondents** | 324 | 0 | 0 |
| **# of Responses per respondent** | 1 | 0 | 0 |
| **Time per Response** | 20 mins (1/3 hr) | 0 | 0 |
| **Total # of responses** | 324 | 0 | 0 |
| **Total burden (hours)** | 108 | 0 | 0 |

This survey is designed to gather information on actions taken by operators in response to the Federal Aviation Administration’s (FAA) Safety Alert for Operators (SAFO) 17007, titled *Manual Flight Operations Proficiency.* Your responses will provide critical informational support to a broader research effort to understand how manual flight operations proficiency is currently addressed and maintained, and how manual flight operations proficiency could be addressed and maintained in the future.

SAFO 17007 *Manual Flight Operations Proficiency* recommends operators use training and line-operation policies which encourage pilots to develop and maintain manual flight operation proficiency. The survey questions are specific to the actions taken by operators in response to the recommendations included in SAFO 17007.

If you would like to review SAFO 17007, it can be accessed by clicking the link below. If accessed, the SAFO will open in a separate window so you can keep it available for reference as you complete the survey.

***SAFO 17007 Manual Flight Operations Proficiency (https://www.faa.gov/other\_visit/aviation\_industry/airline\_operators/airline\_safety/safo/all\_safos/media/2017/SAFO17007.pdf)***

This survey is distributed by the MITRE Corporation under project funding from the Federal Aviation Administration (FAA).

All answers, and personal/organizational information associated with this survey will be de-identified. All information will be coded and summarized so that no individual person or organization can be identified in the results.

If you have any questions or comments about the survey, please do not hesitate to contact the project leader, Dr. Beth Lyall-Wilson at [elyallwilson@mitre.org](mailto:elyallwilson@mitre.org).

We want to make sure we have the best information available, so if you believe there are additional people in the organization that would be appropriate to take this survey, please “reply” to the email with the survey, or email Dr. Lyall-Wilson directly with name(s) and contact information so the survey can be sent directly to them.

**NOTE:** Please do not “forward” the survey to additional people because this link is specific for you.

Do you understand the purpose of this survey?

Yes

No (Please contact [elyallwilson@mitre.org](mailto:elyallwilson@mitre.org) with questions, comments, concerns)

Do you agree to participate in the survey?

Yes

No

(This survey is completely voluntary. If you answer “No” and will not be participating in the survey, you will be directed to a short feedback section and an exit from the survey).

*[A “no” response will branch them to a feedback text block and an exit from the survey at that point. The feedback text block will have this statement above it]*

We would appreciate you letting us know why you will not be participating the survey and any other feedback you would like to provide. We are focused on improving aviation safety through our studies, and any feedback you give us will be used to better implement this survey and improve future survey development.

Feedback\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Survey Content for the Safety Office**

**Each question in the survey will provide a free text area for Additional Feedback if you wish to elaborate further on any question. Please feel free to use this area to provide additional insights or comments. Some question responses may require Additional Feedback.**

1. Are you currently employed by a Part 121 or Part 135 operator?
   1. Part 121
   2. Part 135
   3. Other

Additional Feedback\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What position do you currently hold with the Part 121 or Part 135 operator? (Select all that apply)
   * Director of Operations
   * Director of Standards
   * Director of Training
   * Director of Safety
   * Check Pilot
   * Training Pilot
   * Line Pilot
   * Other (please specify in the Additional Feedback area)

Additional Feedback\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*[A scrolling text box showing 5 lines of text at a time will be used for all free text areas regardless of how they’re labeled.]*

1. If known, which office/department at your operator is responsible for addressing the recommendations in *SAFO 17007* *Manual Flight Operations Proficiency*? (Select all that apply)
   * Training
   * Corporate Safety
   * Flight Safety
   * Operations
   * Standards
   * Do not know
   * Other (please specify in the Additional Feedback area)

Additional Feedback \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If known, please select the actions that Safety implemented in response to *SAFO 17007 Manual Flight Operations Proficiency* (Select all that apply).
   * Updates or revisions to safety policies on Manual Flight Operations
   * Instituted new safety emphasis related to Manual Flight Operations
   * Develop additional safety data analysis (ASAP, FOQA, etc.) on pilot proficiency in manual flight operations
   * Instituted awareness campaign on Manual Flight Operations importance for line pilots
   * Provided input to the development of new/revised training related to SAFO 17007
   * Provided input to new operations and standards initiatives related to SAFO 17007
   * Do not know
   * Other actions (Please specify in the Additional Feedback area if known)
   * No Action (If know, please specify why no action was taken in the Additional Feedback area)

Additional Feedback \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If known, approximately how long did it take to implement and complete *SAFO 17007 Manual Flight Operations Proficiency* recommendations into your safety policies and guidelines? (i.e., approximately how long did it take from the publication date (May 2017))?
   * We were already fully compliant with SAFO 17007 when it was published
   * 1 – 3 months
   * 3 – 6 months
   * 6 – 9 months
   * 9 months to 1 year
   * More than 1 year
   * Do not know
   * Other (please specify in the Additional Feedback area)

Additional Feedback \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If changes were implemented as a result of *SAFO 17007 Manual Flight Operations Proficiency*, what data sources were used to assess the effectiveness of the changes? (***Select all that apply***).

* ASAP data
* FOQA data
* LOSA data (or LOSA equivalent)
* Other data

Additional Feedback \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. For each data source used, please describe the metrics and how they were utilized in the text area provided.

If you used ASAP data, please describe your metrics and how they were utilized.

**Text Box**

If you used FOQA data, please describe your metrics and how they were utilized.

**Text Box**

If you used LOSA data (or LOSA equivalent), please describe your metrics and how they were utilized.

**Text Box**

If you used Other sources of data, please describe your metrics and how they were utilized.

**Text Box**

1. Did *SAFO 17007 Manual Flight Operations Proficiency* recommendations get incorporated into your Safety Management System (SMS)?

* Yes (If appropriate, please elaborate in the Additional Feedback section)
* No
* Do not know

Additional Feedback \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Please add any other information that you think would share related to Manual Flight Operations Proficiency, including policies, procedures, training, or other topics.

Additional Feedback \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_