

PASS Article 13 / SME Program Report

Date of Update: February 19, 2020

Program Name: Terminal Flight Data Manager (TFDM)

Program Contact/s: Michael Huffman, Program Manager, Michael.Huffman.FAA.GOV

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Current Program Status: On schedule. IOA team being assembled to assess operability for present software build with minor enhancements at PHX spring of 2020, and continue to assess software updates and new software build for CLT following.

We attended an Operational Try Out for Academy resident training October 2020 . Overall training was sufficient, and made many clerical/housekeeping corrections to the course at that time. The first 2 weeks of March we will attend the First Course Conduct at the Academy. We attended Technical Instruction Book Verification and Validation, SIG 25/44 review and the SLE workshop at the Academy Lab.

During Resiliency Testing we observed potential reliability/resiliency issues and with support of SLE are pursuing remedies. First issue is a lack of a redundant HDD in RAID servers and Controller Workstation Processors. Second issue is the lack of a second power supply in the Controller Workstation Processors.

We are also discussing a need for an ELMS class to provide a basic introduction to Virtual Machine Concepts, due to the fact that TFDM is being deployed to 89 sites with a variety technicians with different disciplines at different locations and various workloads.

Issues Affecting PASS: None at this time, Maintenance Handbook still being developed.

Program Issues: None at this time. Amazingly well funded.

Identify Support Needs:

Other:

Documentation Attached:

Update Guidelines

File Structure: When making your file please identify the program and date of the submission as your file name for example:

File Name - Future_Facilities_03_23_11

Definition - This is the Future Facilities submission for March 23, 2011

Program Name: Identify the Name of the Program you are supporting. Some of you are attached to an umbrella of programs like NextGen or SBS. In those cases you need to identify the Umbrella Program in your program name and then in parenthesis identify which of those programs in your area you are speaking to in your report. This may require more than one submission in your updates back to PASS.

Examples - SBS (ADS-B); NextGen (NVS)

Program Contact/s: Identify the Program Managers, of every specific program, by name, title, email and phone contact information should PASS need this for future reference. There may be multiple contacts for those of you in positions overseeing many programs in your purview.

Current Program Status: Identify the current status of the program since your last submission.

Issues Affecting PASS: Identify any issues you have found that impact the needs of PASS within your program. This may include maintenance philosophy, training, scheduling, deployment, testing and many more. Also include any difficulties you are having performing your duties as our representative on the program. Also identify the steps you have taken to attempt resolution within the program and outside the program to resolve the issue.

Program Issues: Describe any programmatic issues outside of our concerns that are occurring within the program. This may be reduction in funding, schedule slippage or any other program concern that is outside of the issues directly affecting PASS. These will be used to keep PASS apprised of the big picture of your program and where they are heading.

Identify Support Needs: Describe what support you may require as you move along in your program. What we are looking for here is assistance needs when you have exhausted your capability to resolve an issue. These may include the Inspector General (IG), National Officers, Regional Officers or maybe some legislative push to highlight our concerns.

Other: This is a catch all for any other items you need to raise that may not fall into one of the other categories.

Documentation: We want to keep a record of specific documentation that is important to PASS. Such documents may include schedules for the entire program ,training, testing and deployment. We also need any supporting documentation that can be used to further describe our concerns and needs if we have to use inside or outside influence in resolving these specific concerns. Some of the documentation may be quite large so extracting specific areas or highlighting specific areas will be very useful and recommended. There is a myriad of documentation so it will be your interpretation of those documents that decides if it is useful or necessary for inclusion into your report.

