# Revision History Summary

<table>
<thead>
<tr>
<th>Version Number</th>
<th>Date</th>
<th>Document Description</th>
<th>A M D I</th>
<th>Title or Brief Description</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td></td>
<td>FAA Safety Test Plan</td>
<td>I</td>
<td>FAA Safety Test Plan</td>
<td>FAA Safety Development Team</td>
</tr>
</tbody>
</table>

* Addition, Modification, Deletion, or Initial Release
# TABLE OF CONTENTS

1. Purpose .......................................................................................................................... 5  
2. Scope ............................................................................................................................... 5  
   2.1 In Scope ..................................................................................................................... 5  
3. Background ..................................................................................................................... 5  
4. Related Documentation (find couple of links and add) ..................................................... 6  
5. User Descriptions .......................................................................................................... 6  
   5.1 User Types ............................................................................................................... 6  
      5.1.1 Guest .................................................................................................................. 6  
      5.1.2 User ................................................................................................................... 6  
      5.1.3 Airman .............................................................................................................. 6  
      5.1.4 Instructor ......................................................................................................... 6  
      5.1.5 Lead Representative/Representative ................................................................. 6  
      5.1.6 FAASTeam Program Manager (FPM) ................................................................. 6  
      5.1.7 Regional FAASTeam Manager (RFM) ............................................................... 7  
      5.1.8 Assistant Regional FAASTeam Manager (ARFM) ................................................ 7  
      5.1.9 National FAASTeam Manager (NFM) ............................................................... 7  
      5.1.10 Industry Affiliates/Team Members ..................................................................... 7  
      5.1.11 Employer ......................................................................................................... 7  
      5.1.12 Services Provider ............................................................................................. 7  
      5.1.13 Training Provider ............................................................................................. 7  
      5.1.14 External Course Provider .................................................................................. 7  
      5.1.15 Administrator .................................................................................................. 7  
   5.2 User Roles and Privileges ......................................................................................... 8  
      5.2.1 Airman .............................................................................................................. 8  
      5.2.2 Air Traffic Control (ATC) ................................................................................... 8  
      5.2.3 Instructor ......................................................................................................... 8  
      5.2.4 Lead Representative/Representative ................................................................. 8  
      5.2.5 FAASTeam Program Manager (FPM) ................................................................. 8  
      5.2.6 Regional FAASTeam Manager (RFM) ............................................................... 9  
      5.2.7 Assistant Regional FAASTeam Manager (ARFM) ................................................ 9  
      5.2.8 National FAASTeam Manager (NFM) ............................................................... 9
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.2.9</td>
<td>Industry Affiliates/Team Members</td>
<td>9</td>
</tr>
<tr>
<td>5.2.10</td>
<td>Employer</td>
<td>10</td>
</tr>
<tr>
<td>5.2.11</td>
<td>Services Provider</td>
<td>10</td>
</tr>
<tr>
<td>5.2.12</td>
<td>Training Provider</td>
<td>10</td>
</tr>
<tr>
<td>5.2.13</td>
<td>External Course Provider</td>
<td>10</td>
</tr>
<tr>
<td>5.2.14</td>
<td>Administrator</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>User Stories (Test Case Specifications)</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>Use Cases (Need data)</td>
<td>15</td>
</tr>
<tr>
<td>7.1</td>
<td>Use Case Summary</td>
<td>15</td>
</tr>
<tr>
<td>7.2</td>
<td>Use Case Description</td>
<td>16</td>
</tr>
<tr>
<td>7.3</td>
<td>Business Rules – (Get info from Bryan Neville)</td>
<td>21</td>
</tr>
<tr>
<td>8</td>
<td>Acronyms and Definitions</td>
<td>21</td>
</tr>
</tbody>
</table>
1 Purpose
This document describes the plan for testing the developed software system against the software requirements as defined in the Functional Requirements Document (FRD). The purpose of these system tests is to make sure that the software system developed during a release cycle or a “hot fix” cycle complies with the definition of the software requirements that have been approved in the FRD or an addendum to a previous FRD. The planning of these tests will be conducted as the FRD draft is being created. The design of these tests will be completed after an approved FRD has been accepted. The tests will be executed as required during the Software development life cycle. The System Test Plan (STP) describes plans for qualification testing of Computer Software Configuration Items (CSCIs) and software systems. It describes the test environment to be used for the testing, identifies the tests to be performed and provides approximate timeframes for test activities.

2 Scope
The FAA Safety Test plan describes the types of test cases performed for each functional requirement identified in the Functional Requirements document as each release (SDLC) is conducted.

2.1 In Scope
The scope of this document and test plan is test full functionality of the system. We will test the system against the following browsers; Mozilla Firefox, IE 8, 9 & 10, Safari and Chrome. This is considered to be a living document. The timing of the periodic review and update of this document will be determined by the FAA IT PM.

3 Background
The origin of the FSTW is with the Safety Program Airman National Notification System (SPANS), which first fielded in March 2004. The original effort of SPANS was to provide an online event notification system designed to take the place of traditional and more costly paper-based notifications. The SPANS audience was broad and designed for pilots, mechanics and anyone interested in aviation safety events. Anonymous visitors to the site were able to browse the site for information regarding safety events and registered users could receive more detailed event information.

In FY 11, the system name changed from SPANS to the FAA Safety Team Website (FSTW) and SPANS became a component of FSTW.

In August of 2012, during the AQS-270 led annual Security Certification and Accreditation (C&A) it was determined that the FSTW site would be certified for only one year instead of the normal three years. This was due to the large number of Plan of Action and Milestone (POA&M) findings. One of those findings was to assign an AQS-230 IT Project Manager to the project. In March 2013, this assignment was made. Until that time, AFS-800, the General
Aviation and Commercial Division within Flight Standards, had managed and maintained the application. L-3 was selected as the contractor for this system in 2010. from the previous contractor was Gold Systems. (Look in PMP statement) We have just developed this regression plan and will continue to grow and elaborate.

4 Related Documentation (find couple of links and add)

System Design Document
User Manual

5 User Descriptions

5.1 User Types

5.1.1 Guest
A guest user is a person who does not create an account, and uses the free materials and resources available to such users.

5.1.2 User
A user is a person who has created an account without supplying their airman certificate number, or a person who has no airman certificate number. When logged in, their status is shown as User.

5.1.3 Airman
An Airman is a pilot, mechanic, navigator, parachute rigger, flight engineer, repairman, instructor, or other user that has elected to provide their airman certification number for their FAASafety.gov user account. When logged in, their status is shown as Airman, and Administrators are able to see their Airman ID number on the User Management page.

5.1.4 Instructor
An instructor is an airman who has instructor privileges associated with their FAASafety.gov account with their airman registry information. This gives them validation privileges. When logged in, their status is shown as Airman, and Administrators are able to see their Airman ID number on the User Management page.

5.1.5 Lead Representative/Representative
Representatives are volunteers, not FAA employees. When logged in, their status is shown as Lead Representative or Representative, as appropriate.

5.1.6 FAATeam Program Manager (FPM)
FAATeam Program Managers have specific administrative permissions at FAASafety.gov. When logged in, their status is shown as FPM.
5.1.7 Regional FAASTeam Manager (RFM)
Regional FAASTeam Managers have specific administrative permissions at FAASafety.gov. When logged in, their status is shown as RFM.

5.1.8 Assistant Regional FAASTeam Manager (ARFM)
Regional FAASTeam Assistants have specific administrative permissions at FAASafety.gov. When logged in, their status is shown as RFM.

5.1.9 National FAASTeam Manager (NFM)
National FAASTeam Managers are assigned specific administrative permissions at FAASafety.gov. When logged in, their status is shown as NFM.

5.1.10 Industry Affiliates/Team Members
Industry Team Members are individuals or companies who have signed a Memorandum of Understanding (MOU) with the FAASTeam to provide a service, product, or something in exchange for our promise to publish their name on the FAASafety.gov website. This status is not shown when they are logged in.

5.1.11 Employer
An Employer is a user who employs AMTs who participate in the AMT Awards Program. This status is not shown when they are logged in.

5.1.12 Services Provider
This role is under development. This status is not shown when they are logged in.

5.1.13 Training Provider
A Training Provider is a non-FAA individual or organization who provides accredited activities or courses for FAASafety.gov users. This status is not shown when they are logged in.

5.1.14 External Course Provider
The External Course Provider is a person that adds a link to external online courses to the FAASafety.gov website. This status is not shown when they are logged in.

5.1.15 Administrator
Administrators refer to any user that has privileges above that of an airman, mechanic, Representative, visitor, or user. FAASTeam Program Managers (FPMs), Regional FAASTeam Program Managers (RFPMs), National FAASTeam Managers (NFMs), and “super users” are all considered administrators in this context. When logged in, only a system administrator status is shown as Administrator.
5.2 User Roles and Privileges

5.2.1 Airman

An Airman can be a User/Guest User – Anyone with a FAASafety.gov account that does not have an associated Certificate number.

A User is someone who is registered at FAASafety.gov that has not provided an airman certificate number or an Airman who is awaiting certificate validation from the FAA Airman Registry. Also included in this category are users that open FAASafety.gov but do not log in (Guest User). This user is able to navigate to a limited amount of information available on the site.

5.2.2 Air Traffic Control (ATC)

ATC users have limited permissions. Their job assignment requires that they occasionally send notices to the FAASafety.gov user group. They are similar to a Representative in that they can create a notice, but they cannot create a SPANS event. All notices sent by this user require approval by their assigned RFM. When a notice is created, the system generates an email chain for this approval before the notice is sent to the appropriate user group(s). ATC users can give final acceptance for Notices only. ATCs are official FAA employees.

5.2.3 Instructor

An instructor is an airman who has instructor privileges who has associated their FAASafety.gov account with their airman registry information. This gives them validation privileges.

5.2.4 Lead Representative/Representative

A Lead Representative/Representative can access their Quick WINGS checklist only if their Representative account is also their Airman account. In some cases, a Representative will be able to perform certain specified administrative tasks. Representatives must complete online Representative training before their application is accepted. After appointment, Representatives are required to receive additional training with follow-up training to be received annually.

To become a Representative, a user must complete a FAASTeam application requesting this role. The application is submitted to an FPM for review and pre-acceptance. The FPM will conduct a background check and pre-accept or deny the application. If the application is pre-approved, it then goes to the RFM for final approval. When a representative is approved, a record is created that includes a training record and service notes showing when they were approved. An application may be denied because of missing or incomplete information, or because there is not at that time a need for a Representative in that area, or because the background check resulted in unfavorable information.

5.2.5 FAASTeam Program Manager (FPM)

FAASTeam Program Managers do not have control over all system functionality. They are responsible to review and pre-approve SPANS events and Notices. After SPANS events and Notices are pre-approved, they are forwarded to the FPM’s designated RFM for final
approval. This user has access to the Quick WINGS checklist only if their FPM account is also their Airman account. FPMs are official FAA employees.

To be assigned a FAASTeam Program Manager role, a user must complete a FAASTeam application requesting this role. The application is submitted to an RFM for review and pre-approval. After the application is pre-approved, it then goes to the RFM for final approval. After the application is approved, the RFM must assign their geographic area of responsibility based on districts (one or more FSDOs).

5.2.6 Regional FAASTeam Manager (RFM)

Regional FAASTeam Managers do not have control over all system functionality. RFMs and ARFMs review pre-approved SPANS events and Notices for final approval (The reason for this word choice here and other places in this document is the confusion generated by an earlier misunderstanding of a decision the FAA AGC made regarding Representatives. Their applications are accepted but SPANS events are approved by managers because only managers can approve the expenditure of funds, which can sometimes be the case) before emails and or post cards are sent to the requested geographic and demographic FAASafety.gov user group. ATC and FAA Security users can give final approval for Notices only. This user has access to the Quick WINGS checklist only if their RFM account is also their Airman account. RFMs and ARFMs are official FAA employees.

To be assigned a Regional FAASTeam Manager role, a user must complete a FAASTeam application requesting this role. The application is submitted to an Administrator for review and approval. Because all applications require two approvals, the Administrator must approve this application twice.

5.2.7 Assistant Regional FAASTeam Manager (ARFM)

Assistant Regional FAASTeam Managers do not have control over all system functionality. ARFMs review pre-approved SPANS events and notices for final approval before emails and or post cards are sent to the requested geographic and demographic FAASafety.gov user group. ARFMs are official FAA employees.

5.2.8 National FAASTeam Manager (NFM)

National FAASTeam Managers do not have control over all system functionality, as Administrators do. This user has access to the Quick WINGS checklist only if their NFM account is also their Airman account. NFMs are official FAA employees and can include headquarters staff that requires access for reporting or other purposes.

To be assigned a National FAASTeam Manager role, a user must complete a FAASTeam application requesting this role. The application is submitted to an Administrator for review and approval.

5.2.9 Industry Affiliates/Team Members

Industry Team Members may provide rewards for FAASafety users when they achieve a WINGS or AMT training level. This role requires a FAASTeam Industry member application to be completed and approved by an NFM or Administrator. When the application is approved, the region must be set to AFS National if it is not the region that was selected by the user on the application. The region must be verified and changed during the approval process when necessary.
Currently the FAASTeam Outreach Program Manager or an authorized NFM contacts the Industry member about their application and gives them the password allowing them to complete their application.

5.2.10 Employer
An Employer user completes a short application which is then automatically approved upon submission. This then permits the Employer to participate in the AMT Awards Program as an Employer. See Advisory Circular 65-25 (AC 65-25) for more details.

5.2.11 Services Provider
This role is under development. The Services Provider is intended to be a FAASTeam member and must complete the FAASTeam application to request this role. Currently this role can be assigned but it has no function. Training is not required for this role. The application is processed in the same manner as a Representative application.

5.2.12 Training Provider
A Training Provider is a non-FAA individual or organization who provides accredited activities or courses for FAASafety.gov users. The Instructor role is different; instructors, or those with instructor ratings, can give training and credit without being a training provider.

A Training Provider must complete an application to be a training provider (Resources, Training Providers). Training Providers must be briefed (trained) before being approved to act in that capacity.

5.2.13 External Course Provider
The External Course Provider is a person who adds a link to external online courses to the FAASafety.gov website. These courses are intended to give credit to a phase of the WINGS program or AMT awards program.

5.2.14 Administrator
Administrators refer to any user that has privileges above that of an airman, mechanic, Representative, visitor, or user. FAASTeam Program Managers (FPMs), Regional FAASTeam Program Managers (RFPMs), National FAASTeam Managers (NFMs), and “super users” are all considered administrators in this context. Super users include the FAASTeam Outreach Program Manager, designated assistant(s), Regional FAASafety.gov Person of Responsibility (POR), and members of the FAASafety.gov development team.

6 User Stories (Test Case Specifications)

<table>
<thead>
<tr>
<th>Story ID</th>
<th>User Stories for External Portal, Homepages, Login</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>User</td>
<td>As an anonymous general user/guest, I want to navigate to the FAASafety.gov website, to start the</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Submit request to create an account</td>
<td></td>
</tr>
</tbody>
</table>

IACRA 8.5 Test Plan
Version 1.0
Not for General Distribution
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>registration process.</td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>As an anonymous general user/guest, I want to complete the application for a user account <strong>with</strong> an Airman certificate.</td>
</tr>
<tr>
<td>1.2</td>
<td>As an anonymous general user/guest, I want to complete the application for a user account <strong>without</strong> an Airman certificate.</td>
</tr>
<tr>
<td>2</td>
<td>As an anonymous general user/guest, application completed and submitted, waiting to become a valid user.</td>
</tr>
<tr>
<td>3</td>
<td>Confirm all links on the Home page work</td>
</tr>
</tbody>
</table>

### Airman

| 3 | WINGS Program | WINGS is an award program for pilots |
| 3.1 | Register for WINGS Program |   |
| 3.2 | Request Credit for Flight Activity |   |
| 3.3 | Enroll for Courses |   |
| 3.4 | Register for Seminars & Webinars |   |
| 3.5 | Complete a Phase of WINGS |   |

### Aviation Maintenance Technicians (AMT)

| 4 | Aviation Maintenance Technicians (AMT) | Awards Program for Mechanics |
| 4.1 | Register for Training Courses in the AMT Awards Program |   |
| 4.2 | View MY AMT Core Courses |   |
| 4.3 | Enter Training Hours |   |
| 4.4 | Review Training History |   |
| 4.5 | Claim AMT Award | This feature is only available in the month of January. |

### Aviation Maintenance Technician - Employer
<table>
<thead>
<tr>
<th>5.1</th>
<th>Register as an AMT Employer</th>
<th>Complete application on Employer Application page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.2</td>
<td>Upload list of employees for AMT Awards Program</td>
<td></td>
</tr>
<tr>
<td>5.3</td>
<td>Claim Award</td>
<td>This feature is only available in the month of February.</td>
</tr>
<tr>
<td>5.4</td>
<td>Submit Employee Training record</td>
<td>Use Individual and Bulk Upload features</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6</th>
<th><strong>Representative</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>6.1</td>
<td>Create, seminars &amp; webinars</td>
</tr>
<tr>
<td>6.2</td>
<td>Close Out Seminars</td>
</tr>
<tr>
<td>6.3</td>
<td>Utilizes Bulk Upload procedure for giving credit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7</th>
<th><strong>Lead Representative</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>On the web site, Lead Reps have exactly the same privileges as Reps. Only “on the ground” do they have other responsibilities.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8</th>
<th><strong>FPM - FAASTeam Program Manager</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>8.1</td>
<td>Reviews and Pre-Approves SPANS events and Notices</td>
</tr>
<tr>
<td>8.2</td>
<td>Reviews and pre-Accepts applications from Representatives</td>
</tr>
<tr>
<td>8.3</td>
<td>Utilizes Bulk Upload procedure for giving credit</td>
</tr>
<tr>
<td>8.4</td>
<td>Enters Rep Training directly and using the Quick Entry feature</td>
</tr>
<tr>
<td>8.5</td>
<td>Modifies User on User Management page</td>
</tr>
<tr>
<td>8.6</td>
<td>Create a new SPANS template</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9</th>
<th><strong>RFM - Regional FAASTeam Manager</strong></th>
</tr>
</thead>
</table>

---

*IACRA 8.5 Test Plan*  
*Version 1.0*  
*Not for General Distribution*
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1</td>
<td>Reviews pre-accepted Representative and Lead Representative applications for final acceptance</td>
</tr>
<tr>
<td>9.2</td>
<td>Approves SPANS events and Notices</td>
</tr>
<tr>
<td>10</td>
<td><strong>NFM - National FAASTeam Manager</strong></td>
</tr>
<tr>
<td>10.1</td>
<td>Reviews pre-accepted Industry Member applications for final acceptance</td>
</tr>
<tr>
<td>11</td>
<td><strong>Administrator</strong></td>
</tr>
<tr>
<td>11.1</td>
<td>Reviews and Approves Training Provider application</td>
</tr>
<tr>
<td>11.2</td>
<td>Creates new External Training Provider</td>
</tr>
<tr>
<td>11.3</td>
<td>As logged in Administrator, performs all activities of an NFM, RFM, and FPM</td>
</tr>
<tr>
<td>11.4</td>
<td>Creates user account using the Airshow Registration feature.</td>
</tr>
<tr>
<td>11.5</td>
<td>Generate all reports found on the Report page. Reports should be generated before a change and after for comparison purposes</td>
</tr>
<tr>
<td>11.6</td>
<td>Finds and Modifies User on User Management page. Changes email address. Use all options for finding a user.</td>
</tr>
<tr>
<td>11.7</td>
<td>Accesses User account. Uses “Impersonate” feature</td>
</tr>
<tr>
<td>11.8</td>
<td>Uses all Admin Tools (as appropriate)</td>
</tr>
<tr>
<td>11.9</td>
<td>Cancels Representative account. Accomplished by Deleting the Directory Application</td>
</tr>
<tr>
<td>11.10</td>
<td>Changes Representative account to a Services Provider account</td>
</tr>
<tr>
<td>11.11</td>
<td>Creates and submits a new Online Course</td>
</tr>
<tr>
<td>11.12</td>
<td>Modifies an Employer account</td>
</tr>
<tr>
<td>11.13</td>
<td>Associates an additional user with an Employer account</td>
</tr>
<tr>
<td>11.14</td>
<td>Creates new Online Content</td>
</tr>
<tr>
<td>11.15</td>
<td>Creates and Modifies Hot Topics</td>
</tr>
<tr>
<td>11.16</td>
<td>Creates new Library content</td>
</tr>
<tr>
<td>11.17</td>
<td>Adds and modifies Master Pilot roster</td>
</tr>
<tr>
<td>11.18</td>
<td>Adds and modifies Master Mechanic roster</td>
</tr>
<tr>
<td>11.19</td>
<td>Modify Marketing Text</td>
</tr>
<tr>
<td>11.20</td>
<td>Use the Region / District / FSDO management tools</td>
</tr>
<tr>
<td>11.21</td>
<td>Create a new News item</td>
</tr>
<tr>
<td>11.22</td>
<td>Modify the Featured Courses list</td>
</tr>
<tr>
<td>11.23</td>
<td>Create and modify a Page Help entry</td>
</tr>
<tr>
<td>11.24</td>
<td>Use the Revoke Credit tool on the Credit page</td>
</tr>
<tr>
<td></td>
<td>Confirm the credit was removed from the user account</td>
</tr>
<tr>
<td>11.25</td>
<td>Create a new Syllabus</td>
</tr>
<tr>
<td>11.26</td>
<td>Add and Modify Airman Certificates, Subject Areas, and Aircraft Categories &amp; Ratings</td>
</tr>
<tr>
<td>11.27</td>
<td>Create a new Team Member</td>
</tr>
<tr>
<td>11.28</td>
<td>Designate a new Core Course</td>
</tr>
<tr>
<td></td>
<td>Confirm it appears in the AMT Program as a Core Course</td>
</tr>
<tr>
<td>11.29</td>
<td>Add and Modify Library Categories</td>
</tr>
<tr>
<td>11.30</td>
<td>Edit FAQs</td>
</tr>
<tr>
<td>11.30</td>
<td>Create New External Course</td>
</tr>
<tr>
<td>11.31</td>
<td>Create a new Notice Type</td>
</tr>
<tr>
<td>12</td>
<td><strong>ATC – Air Traffic Controller</strong></td>
</tr>
<tr>
<td>12.1</td>
<td>Create and submit Notice</td>
</tr>
<tr>
<td>13</td>
<td><strong>Instructor</strong></td>
</tr>
<tr>
<td>13.1</td>
<td>Gives credit for activities</td>
</tr>
</tbody>
</table>
### 7 Use Cases (Need data)

#### 7.1 Use Case Summary
Test cases performed:

<table>
<thead>
<tr>
<th>Use Case</th>
<th>Title</th>
<th>Primary Actors</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-1</td>
<td>Initial Request for User/Guest User ID</td>
<td>External User - Anonymous</td>
</tr>
<tr>
<td>UC-1.1</td>
<td>Registering for User/Guest with an Airman Certificate Number</td>
<td>Airman</td>
</tr>
<tr>
<td>UC-1.2</td>
<td>Request for User/Guest without an Airman Certificate Number</td>
<td>General User</td>
</tr>
<tr>
<td>UC-2</td>
<td>Submit Registration as General User / Airman</td>
<td>General User / Airman</td>
</tr>
<tr>
<td>UC-3</td>
<td>WINGS Program</td>
<td>Airman or General User</td>
</tr>
</tbody>
</table>
7.2 Use Case Description
The test data used for test case execution has been modified from its original state to meet the needs of a specific test.

<table>
<thead>
<tr>
<th>Name</th>
<th>UC – 1: Initial Request for User/Guest User ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Actors</td>
<td>External User – Anonymous</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>External user has navigated to the public FAASafety.gov website</td>
</tr>
<tr>
<td>Post-condition</td>
<td>User accessed a link to the Create Account page</td>
</tr>
<tr>
<td>Basic Course of Events</td>
<td>1. Anonymous external user clicks Create an Account from FAASafety.gov Home page.</td>
</tr>
<tr>
<td>Alternative paths</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>UC – 1.1: Registering for User/Guest with an Airman Certificate Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Actors</td>
<td>Airman</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>User has navigated to the FAASafety.gov Account Registration page</td>
</tr>
<tr>
<td>Post-condition</td>
<td>User has completed application</td>
</tr>
<tr>
<td>Basic Course of Events</td>
<td>1. User enters email address, current airman certificate number</td>
</tr>
<tr>
<td>Alternative paths</td>
<td>None</td>
</tr>
</tbody>
</table>
### UC – 1.2: Request for User/Guest without an Airman Certificate Number

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary Actors</strong></td>
<td>General User</td>
</tr>
<tr>
<td><strong>Pre-condition</strong></td>
<td>User has navigated to the FAASafety.gov Account Registration page</td>
</tr>
<tr>
<td><strong>Post-condition</strong></td>
<td>User has completed application</td>
</tr>
<tr>
<td><strong>Basic Course of Events</strong></td>
<td>1. User enters email address</td>
</tr>
<tr>
<td><strong>Alternative paths</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

### UC – 2: Submit Registration as General User / Airman

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary Actors</strong></td>
<td>General User / Airman</td>
</tr>
<tr>
<td><strong>Pre-condition</strong></td>
<td>User has completed FAASafety.gov Account Registration page</td>
</tr>
<tr>
<td><strong>Post-condition</strong></td>
<td>User has completed application</td>
</tr>
<tr>
<td><strong>Basic Course of Events</strong></td>
<td>1. FAASafety sends an email to the submitted email address with a temporary password to submitted email address</td>
</tr>
<tr>
<td><strong>Alternative paths</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

### UC – 3: WINGS Program

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary Actors</strong></td>
<td>Airman or General User</td>
</tr>
<tr>
<td><strong>Pre-condition</strong></td>
<td>User registers to participate in the WINGS Program with and without Airman Certificate</td>
</tr>
<tr>
<td><strong>Post-condition</strong></td>
<td>User is registered with WINGS and checklist is now available</td>
</tr>
<tr>
<td><strong>Basic Course of Events</strong></td>
<td>1. User accesses My WINGS from Pilot Tab, launches Profile page 2. Update WINGS Profile, Categories, Classes and Certification information 3. Answer WINGS Participation question 4. Enter Flight Review Date 5. Save</td>
</tr>
<tr>
<td><strong>Alternative paths</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

### UC – 3.1: Register for WINGS Program
<table>
<thead>
<tr>
<th><strong>Primary Actors</strong></th>
<th>Airman or General User</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre-condition</strong></td>
<td>User customizes Checklist in the WINGS Program</td>
</tr>
<tr>
<td><strong>Post-condition</strong></td>
<td>User selects courses of study</td>
</tr>
</tbody>
</table>
| **Basic Course of Events** | 1. User accesses My WINGS from Pilot Tab, to display My WINGS page  
2. Click updated your WINGS Profile link  
3. The system will pre-select Knowledge Activities, Flight Activities, which you can change  
4. From the Checklist “Search” link you can view activities, courses, seminars & webinars available. |
| **Alternative paths** | User may select the Activities, Courses, Seminars & Webinars tab from the Home Page  
1. Activities, Courses, Seminars & Webinars are available from this tab  
**NOTE:** Completing activities will automatically modify the checklist. |

---

<table>
<thead>
<tr>
<th><strong>Name</strong></th>
<th><strong>UC – 3.2: Enroll for Courses</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary Actors</strong></td>
<td>Airman or General User</td>
</tr>
<tr>
<td><strong>Pre-condition</strong></td>
<td>User selects specific courses</td>
</tr>
<tr>
<td><strong>Post-condition</strong></td>
<td>User registered for course of study</td>
</tr>
</tbody>
</table>
| **Basic Course of Events** | 1. From the Pilots tab on Home page select MY WINGS  
2. From category selection made earlier, recommended courses are displayed  
3. Using the Search link under the MORE column, scroll down list and select your choice.  
4. Under STATUS column click Enroll  
5. Read instructions and click 1  
6. click or the course link below button to launch the course  
7. Take Exam  
8. When passed, checklist will be automatically updated |
| **Alternative paths** | User may select the Activities, Courses, Seminars & Webinars tab from the Home Page  
1. Click on Title, system launches Course Overview page  
2. Select Enroll in Course or Preview Course  
3. Read Intro then click 1 which launches the Course link  
4. Click the or the course link below button to launch course  
5. Complete course  
6. Take exam  
7. When passed, checklist will be automatically updated |
<table>
<thead>
<tr>
<th>Name</th>
<th>UC – 3.3: Register for Seminars &amp; Webinars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Actors</td>
<td>Airman or General User</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>User selects specific seminars and/or webinars</td>
</tr>
<tr>
<td>Post-condition</td>
<td>User registered for seminar or webinar</td>
</tr>
</tbody>
</table>
| Basic Course of Events | 1. From the Pilots tab on Home page select MY WINGS  
2. Follow same steps from 3.2 Enroll for Courses, steps 2 thru 7 |
| Alternative paths | User may select the Activities, Courses, Seminars & Webinars tab from the Home Page  
1. Selects the Seminars & Webinars tab  
2. Complete information in Search Seminars and Webinars  
3. Click Search |

<table>
<thead>
<tr>
<th>Name</th>
<th>UC – 3.4: Request Credit for Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Actors</td>
<td>Airman or General User</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>User takes exam for courses, seminars and/or webinars</td>
</tr>
<tr>
<td>Post-condition</td>
<td>Pass exam – view courses, seminar and/or webinars completed</td>
</tr>
</tbody>
</table>
| Basic Course of Events | 1. From the Pilots tab on Home page select MY WINGS  
2. From category selection made earlier, recommended courses are displayed  
3. Search for other courses, seminars and/or webinars. Select your choice  
4. Under status click Enroll  
5. Read instructions and click 1 and then continue to course  
6. Click link to see / print certificate, email certificate or return to courses page  
7. View courses completed |
| Alternative paths | User may select the Activities, Courses, Seminars & Webinars tab from the Home Page  
1. Enter Keyword if known  
2. Select Activity Type  
3. Program  
4. Perform Search  
5. Select Activity  
6. Continue with steps 2 through 5 on Basic Course of Events 3.4 |

<table>
<thead>
<tr>
<th>Name</th>
<th>UC – 3.5: Complete a Phase of WINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Actors</td>
<td>Airman or General User</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>Complete Courses for Basic WINGS - Phase 1</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Post-condition</td>
<td>Completed 3 courses for Basic WINGS – Phase 1</td>
</tr>
</tbody>
</table>
| Basic Course of Events | 1. From the Pilots tab on Home page select MY WINGS  
2. From category selection made earlier, recommended courses are displayed  
3. Search for other courses, seminars and/or webinars. Select your choice  
4. Under status click Enroll  
5. Read instructions and click 1 and then continue to course |
| Alternative paths | User may select the Activities, Courses, Seminars & Webinars tab from the Home Page  
1. Activities, Courses, Seminars & Webinars are available from this tab  
2. Courses can be accessed by clicking the Title |

<table>
<thead>
<tr>
<th>Name</th>
<th>UC – 4: Aviation Maintenance Technician Program (AMT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Actors</td>
<td>Mechanic Technician</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>User registers to participate in the AMT Awards Program with and without FAASafety account</td>
</tr>
<tr>
<td>Post-condition</td>
<td>User is registered in AMT Awards Program</td>
</tr>
</tbody>
</table>
| Basic Course of Events | 1. User accesses My AMT from Maintenance Hangar Tab, to display My AMT page  
2. Click Enroll in AMT button  
3. Click Enroll as an individual AMT link  
4. Select certificates  
5. Save |
| Alternative paths | Under Activities, Courses, Seminars & Webinars tab on the home page click Awards  
1. Click The Aviation Maintenance Technician Awards Program link  
2. Click Individual Aviation Maintenance Technicians link  
3. Click enroll in AMT Awards Program link |

<table>
<thead>
<tr>
<th>Name</th>
<th>UC – 4.1: Register for Training Courses in the AMT Awards Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Actors</td>
<td>Mechanic Technician</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>User registers to participate in the AMT Awards Program with and without FAASafety account</td>
</tr>
<tr>
<td>Post-condition</td>
<td>User is registered in AMT Awards Program</td>
</tr>
</tbody>
</table>
| Basic Course of Events | 1. User accesses My AMT from Maintenance Hangar Tab, to display My AMT page  
2. Click Core Training Courses tab. Based on what categories you selected in the |
registration process, course have been pre-selected
3. Click Enroll link under the Status heading
4. Read information about this course, then click 1 the arrow at bottom of page to start the course
5. Save

Alternative paths
Under Activities, Courses, Seminars & Webinars tab on the home page click Awards
1. Click The Aviation Maintenance Technician Awards Program link
2. Click Individual Aviation Maintenance Technicians link
3. Click enroll in AMT Awards Program link

Test cases performed:

### 7.3 Business Rules – (Get info from Bryan Neville)
- The user has to be an FAA employee to view Airman ID or Airman Certificate confirmation.

**Instructors**
- If a user has elevated privileges, they should have two accounts. They should use their FAA account for Admin info and their private account for WINGS programs.

### 8 Acronyms and Definitions

AC 61-91 – Advisory Circular 61-91
AC 65-25 – Advisory Circular 65-25
ATC – Air Traffic Control
AMT – Aviation Maintenance Technicians
ARFM – Assistant Regional FAASTeam Manager
CSCIs – Computer Softer Configuration Items
FSDO – Flight Standards District Office
FPMs – FAAST Team Program Managers
MOU - Memorandum of Understanding
NFM – National FAASTeam Managers
POR - Person of Responsibility
RFPM – Regional FAAST Team Program Manager
SPANS – Safety Program Airman Notification System
STP – System Test Plan
WINGS – Pilot Proficiency Program