## QUALITY GATE

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<tr>
<th>Quality Gate</th>
<th>Name and Title</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>Prepared By</td>
<td>Manasi Shitut, Lead Business Analyst</td>
<td>06/19/2015</td>
</tr>
<tr>
<td>Approved By</td>
<td>Sung Oh, Project Manager</td>
<td>06/19/2015</td>
</tr>
</tbody>
</table>
# REVISION HISTORY

<table>
<thead>
<tr>
<th>VERSION</th>
<th>DATE</th>
<th>* A, M, D</th>
<th>TITLE OR BRIEF DESCRIPTION</th>
</tr>
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<tbody>
<tr>
<td>0.1</td>
<td>06/19/2015</td>
<td>A</td>
<td>Initial Draft</td>
</tr>
</tbody>
</table>

* Legend: A = Added, M = Modified, D = Deleted
Table of Contents

1  Supplemental Information for AMCS v4.0.0.0 ................................................................. 4

1.1  AMCS Login.................................................................................................................. 4

1.2  Pending Exams.............................................................................................................. 5

1.3  Search Applicant........................................................................................................... 6

1.4  Search Applicant – Found Applicants Screen .............................................................. 6

1.5  Search Applicant – Founds Exams ............................................................................... 7

1.6  Import Application ........................................................................................................ 8

1.7  Import Applicant........................................................................................................... 8

1.8  Form 8500-8: Page 1 .................................................................................................... 9

1.9  Form 8500-8: Page 2 ................................................................................................... 11

1.10 Form 8500-8: Page 2 – Certification Issue Status ...................................................... 13

1.11 Form 8500-8: AME Actions ....................................................................................... 14

1.12 Form 8500-8: Comments ............................................................................................ 15

1.13 From 8500-8 – Page 3: Certificate Issued ................................................................. 16

1.14 From 8500-8 – Page 3: No Certificate Issued ............................................................ 17

1.15 Form 8500-8 – Page 3: Exam Submission Confirmation ............................................. 18
1 Supplemental Information for AMCS v4.0.0.0

The current version of AMCS, Version v3.0.0.0, is written in an outdated version of the Delphi programming language. Optimized AMCS Version v4.0.0.0 provides the same functionality as AMCS v3.0.0.0; however, it has been rewritten in a newer, modern, sustainable language, .Net.

Notable updates:

- The print certificate button is now available on every data entry screen
- AMCS has now been designed for use with multiple web browsers

1.1 AMCS Login

The login screen has been improved for better user experience and new branding. MedXPress link is provided to redirect the users to MedXPress login page.
1.2 Pending Exams

Pending Exams screen has been updated for better user experience and usability. The actions icons have been provided to guide users to different actions users can take for each exam.
1.3 Search Applicant

Search Applicant screen has been updated for better user experience and usability.

1.4 Search Applicant – Found Applicants Screen

Found Applicants section provides the details about applicants found in Search Results.
1.5 Search Applicant – Founds Exams

Found Exams section provides the details about found exams for selected applicant in Search Results.
1.6 Import Application

Import Applicant screen has been updated for better user experience and usability.

1.7 Import Applicant

Import Applicant section has been updated for better user experience and usability.
1.8 Form 8500-8: Page 1

The exam has been successfully imported from FAA MedXPress and can now be processed in AMCS.

- Display Summary Report
  - select here to display the imported application in PDF format for viewing or printing.
- Open Data Entry Screen
  - select here to view the imported application and complete the form.
- FAA Examination History
  - select here to view the Pre-exam Report.
- Import Another Application
  - select here to import another application.

MedXPress Imported application  
Pilot (non FAA) - Airman, Student Pilot, Non-FAA Air Traffic Controller, etc.  
Application For: Airman Medical Cert.  
Class of Medical Cert.: 3rd  
Name: Hal R. Jordan  
SSN: ****1444  

- Attach ECG  
- Print Certificate  
- Display Summary  
- Check for Errors  

Ok ExamType: Pilot (non FAA) - Airman, Student Pilot, Non-FAA Air Traffic Controller, etc.

Ok AME Serial Number: 00004
MedXPress Imported application
FAA Pilot - Aviation Safety Inspector, Aerospace Engineer, Test Pilot
Application For: Airman Medical Cert. Class of Medical Cert.: 1st
Name: HAL JORDAN
SSN:

<table>
<thead>
<tr>
<th>Ok Exam Type: FAA Pilot - Aviation Safety Inspector, Aerospace Engineer, Test Pilot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ok ME Serial Number:</td>
</tr>
<tr>
<td>1. Ok Application For:</td>
</tr>
<tr>
<td>Airman Medical Cert.  ○ Airman Medical &amp; Student Pilot Cert.</td>
</tr>
<tr>
<td>2. Ok Class of Medical Cert.:</td>
</tr>
<tr>
<td>1st  ○ 2nd  ○ 3rd</td>
</tr>
<tr>
<td>3. Ok Last Name: JORDAN  ○ Ok First Name: HAL  ○ Ok Middle Name:</td>
</tr>
<tr>
<td>○ Ok Suffix:</td>
</tr>
<tr>
<td>4. Ok SSN: 555-87-5309  ○ International/Declined to Submit (An SSN will be generated by the system)</td>
</tr>
<tr>
<td>5. Ok Address: 1 Aa Sector 0  ○ Ok City: Coast City  ○ Ok State: CA  ○ Ok Country: USA  ○ Ok Zip Code: 20814</td>
</tr>
<tr>
<td>○ Ok Telephone Number: 555-875-5309</td>
</tr>
<tr>
<td>6. Ok Date of Birth: 02/20/1970  ○ Ok Citizenship: USA</td>
</tr>
<tr>
<td>7. Ok Hair Color: BROWN  ○ Ok Eye Color: BROWN  ○ Ok Sex: Male  ○ Female</td>
</tr>
<tr>
<td>10. Ok Type of Airman Certificate(s) You Hold:</td>
</tr>
<tr>
<td>○ None  ○ ATC Specialist  ○ Flight Instructor  ○ Recreational</td>
</tr>
<tr>
<td>○ Flight Engineer  ○ Private  ○ Other  ○ Ok Test Pilot</td>
</tr>
<tr>
<td>○ Commercial  ○ Flight Navigator  ○ Student</td>
</tr>
<tr>
<td>11. Ok Occupation:</td>
</tr>
<tr>
<td>12. Ok Employer:</td>
</tr>
<tr>
<td>13. Ok Has Your FAA Airman Medical Certificate Ever Been Denied, Suspended, or Revoked?  ○ Yes  ○ No</td>
</tr>
<tr>
<td>○ If yes, give date:</td>
</tr>
<tr>
<td>14. Ok Total Pilot Time To Date: 99999.99  (Civilian Only)</td>
</tr>
<tr>
<td>15. Ok Total Pilot Time Past 6 months: 4480  (Civilian Only)</td>
</tr>
<tr>
<td>16. Ok Date of Last FAA Medical Application:  ○ Ok  ○ No Prior Application</td>
</tr>
</tbody>
</table>

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1.9 Form 8500-8: Page 2

**Aerospace Medical Certification Subsystem (AMCS)**

![Image of AMCS interface with form 8500-8 details]

**MedXPress Imported application**
- **Pilot (non FAA) - Airman, Student Pilot, Non-FAA Air Traffic Controller, etc.**
- **Application For:** Airman Medical Cert.
- **Class of Medical Cert.:** 3rd
- **Name:** Hel R. Jordan
- **SSN:** ****1444

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FAA CAMI AMCS Version 4 Release Notes

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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Normal</th>
<th>Abnormal</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Ok Height (in.):</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Ok Weight (lb.):</td>
<td>110</td>
<td>0</td>
</tr>
<tr>
<td>23</td>
<td>Ok Statement of Demonstrated Ability (SODA):</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>24</td>
<td>Ok SODA #:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ok Defect Noted:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Physical Findings

- **Item 25**: Ok Head, face, neck, scalps
- **Item 26**: Ok Nose
- **Item 27**: Ok Ears
- **Item 28**: Ok Mouth and throat
- **Item 29**: Ok Eyes, general (Internal and external canals; Hearing under item 49)
- **Item 30**: Ok Ear Drum (perforation)
- **Item 31**: Ok Eyes, general (View under items 29 to 34)
- **Item 32**: Ok Ophthalmoscopic
- **Item 33**: Ok Normal, Abnormal Ok Pupils (Equality and reaction)
- **Item 34**: Ok Normal, Abnormal Ok Gaze mobility (Associated parallel movement, nystagmus)
- **Item 35**: Ok Normal, Abnormal Ok Lungs and chest (Not including chest examination)
- **Item 36**: Ok Normal, Abnormal Ok Heart (Respiratory rate, rhythm, sounds, and murmurs)
- **Item 37**: Ok Normal, Abnormal Ok Vascular system (Pulse, amplitude and character; arms, legs, others)
- **Item 38**: Ok Normal, Abnormal Ok Abdomen and viscera (Including hema)
- **Item 39**: Ok Normal, Abnormal Ok Lower Extremity (Not including digital examination)
- **Item 40**: Ok Normal, Abnormal Ok Skin
- **Item 41**: Ok Normal, Abnormal Ok G-I system (Not including pelvic examination)
- **Item 42**: Ok Normal, Abnormal Ok Upper and lower extremities (Strength and range of motion)
- **Item 43**: Ok Normal, Abnormal Ok Spine, other musculoskeletal
- **Item 44**: Ok Normal, Abnormal Ok Identifying body marks, scars, tattoos (Size and location)
- **Item 45**: Ok Normal, Abnormal Ok Lymphatice
- **Item 46**: Ok Normal, Abnormal Ok Neurologic (Tendon reflexes, equilibrium, senses, cranial nerves, coordination, etc.)
- **Item 47**: Ok Normal, Abnormal Ok Psychiatric (Appearance, behavior, mood, communication, and memory)
- **Item 48**: Ok Normal, Abnormal Ok General systemic

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### 62. Has Been Issued:
- Medical Certificate
- Medical and Student Pilot Certificate
- No Certificate Issued - Deferred for Further Evaluation
- Has Been Denied - Letter of Denial Issued (Copy Attached)

**FOUR SELECTIONS FOR PILOTS**

### 62. Has Been Issued:
- FAA ATCS Clearance Issued on FAA Form 3900-7
- FAA ATCS Clearance Deferred on FAA Form 3900-7

**TWO SELECTIONS FOR INCUMBENT ATCs (FAA EMPLOYEES)**

### 62. Has Been Issued:
- FAA ATCS Clearance Deferred to FAA

**ONLY ONE SELECTION FOR ATC APPLICANTS**

### 62. Has Been Issued:
- FAA ATCS Clearance and Airman Medical Certificate Issued
- FAA ATCS Clearance and Airman Medical Certificate Deferred

**TWO SELECTIONS FOR ATC/PILOT COMBO**

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FAA CAMI AMCS Version 4 Release Notes

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1.11 Form 8500-8: AME Actions

You must select the choice below that applies to this airman.

**Applicant Previously Assessed**

- 1. Has OSA diagnosis and is on Special Issuance. Reports to follow.
- 2. Has OSA diagnosis and is currently being treated OR has had previous OSA assessment. NOT on Special Issuance. Reports to follow.

**Applicant Not at Risk**

- 3. Determined to NOT be at risk for OSA at this examination.

**Applicant at Risk/Severity to be Assessed**

- 4. Discuss OSA risk with airman and provide educational materials.
- 5. At risk for OSA, AASM sleep apnea assessment required. Reports to follow.

**Applicant Risk/Severity high**

1.12 Form 8500-8: Comments

Comments on Physical Findings (Items 25-48):
AMEs, please provide comments for any abnormal physical findings. Also, check all items to be included in Disqualifying Defects (Item 63).

<table>
<thead>
<tr>
<th>Item</th>
<th>AME Comment</th>
<th>Diag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdomen and viscera (Including hernia)</td>
<td>▲</td>
<td>□</td>
</tr>
</tbody>
</table>

General Notes Pertaining to Physical Findings:

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1.13 From 8500-8 – Page 3: Certificate Issued

UNITED STATES OF AMERICA
Department of Transportation
Federal Aviation Administration

MEDICAL CERTIFICATE: THIRD CLASS

This certifies that (Full name and address):
Hal R. Jordan
1 Qa Drive
Coast City, CA, USA

Date of Birth: 07/15/1951
Height: 79
Weight: 200
Hair: BROWN
Eyes: BLUE
Sex: M

has met the medical standards prescribed in Part 67, Federal Aviation Regulations, for this class of Medical Certificate.

Limitations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>Must have available glasses for near vision.</td>
</tr>
<tr>
<td>2</td>
<td>Must wear corrective lenses.</td>
</tr>
<tr>
<td>3</td>
<td>Must wear corrective lenses for near and distant vision.</td>
</tr>
<tr>
<td>4</td>
<td>Must wear lenses for distant, have glasses for near vision.</td>
</tr>
<tr>
<td>5</td>
<td>Third-Class Letter of Evidence</td>
</tr>
<tr>
<td>6</td>
<td>Must wear prismatic correction.</td>
</tr>
<tr>
<td>9</td>
<td>Must use hearing amplification.</td>
</tr>
<tr>
<td>10</td>
<td>Must wear artificial limb.</td>
</tr>
<tr>
<td>11</td>
<td>Oxygen required when flying above 7,999 feet.</td>
</tr>
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</table>

Date of Examination: 05/28/2015
Examiner's Designation No.: 00034

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The exam was submitted successfully.

<table>
<thead>
<tr>
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<td>12353231343</td>
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<tr>
<td>MID:</td>
<td>200004885132</td>
</tr>
<tr>
<td>DOB:</td>
<td>02/20/1970</td>
</tr>
<tr>
<td>SSN:</td>
<td>555-57-5309</td>
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</tbody>
</table>

HAL JORDAN  
104 Sector O  
Coast City, CA, USA, 20814