

The background of the slide is a photograph of an airport. In the center, a tall, white control tower with a glass-enclosed top section stands against a blue sky with scattered white clouds. In the foreground, the dark, arched roof of an airport terminal building is visible, with a yellow railing in front of it. The overall scene is brightly lit, suggesting a clear day.

FAA Computerized Application Processing System

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The background of the slide features a photograph of an airport. In the foreground, the roof of a terminal building is visible, characterized by a series of repeating, rounded, vaulted structures. In the background, a tall, cylindrical air traffic control tower stands prominently against a bright blue sky with scattered white clouds. The overall scene is brightly lit, suggesting a clear day.

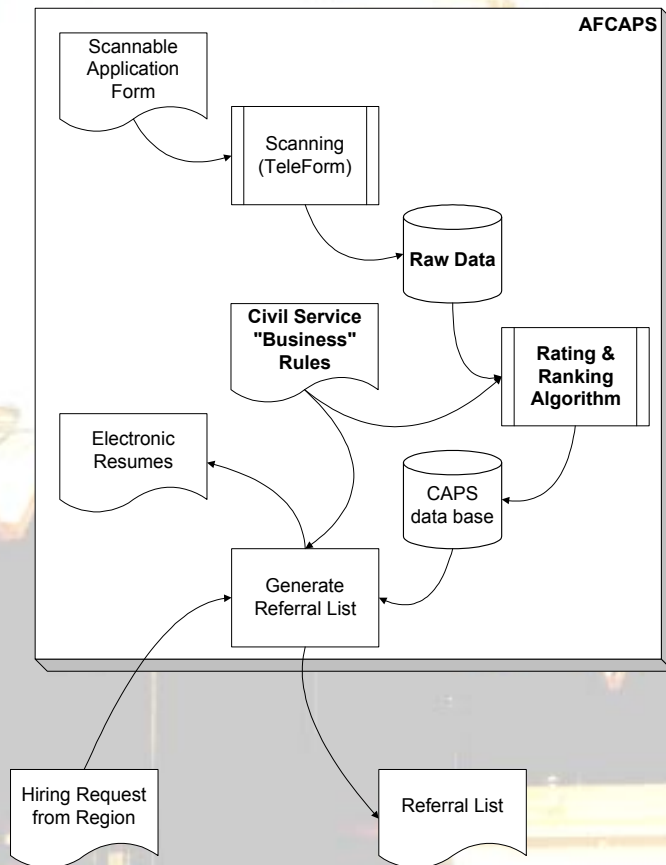
Overview

- Overview of AFCAPS
- AFCAPS innovations
- AFCAPS advantage
- AFCAPS benefits to FAA

Description of AFCAPS

- AFCAPS is a standardized process for evaluating applications for positions in the FAA's technical electronics maintenance & systems management workforce
- AFCAPS is based on existing federal occupational qualification standards
- AFCAPS uses current, state-of-the-art optical scanning & data base management systems

AFCAPS Components



- Application form
- Scanning (TeleForm®)
- Business rules
- Rating & ranking algorithm
- Database
- Referral generation
- Reporting/Notification

AFCAPS Application Form

SSN - -

Section 6: KNOWLEDGE OF BASIC MATHEMATICS

This is defined as the ability to perform mathematical calculations and computations as they pertain to this field of work.

Darken the circle for the response that most accurately describes where you obtained your knowledge of basic mathematics using the following scale:

a. No knowledge.
b. Practical experience.
c. High school or correspondence course.
d. Military or trade school.
e. Formal college training.

a	b	c	d	e		a	b	c	d	e
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1. Algebra	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2. Advanced Algebra	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	3. Trigonometry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	4. Boolean Algebra	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5. Geometry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	6. Integral Calculus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7. Differential Calculus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section 7: EXPERIENCE WITH ELECTRONIC EQUIPMENT

The next section will ask you to describe your experience with electronic equipment and systems. For each piece or type of equipment or system, you will be asked to describe the length, the recency and the highest level of experience you have had on that equipment.

For each individual piece or type of equipment or system, darken the circle for the answer that most accurately describes your experience using the following scales:

Length of experience a. No experience. b. Less than one year. c. One to three years. d. Three to five years. e. More than five years.	Recency of experience a. No experience. b. Within the last year. c. Within the last 1 to 3 years. d. Within the last 3 to 5 years. e. More than five years.	Highest level of experience a. I have not had education, training or experience on this equipment. b. I have had education or training on this equipment, but have no experience. c. I have worked with this equipment and was monitored closely by a supervisor or senior technician. d. I have independently worked on this equipment as a regular part of my job under normal supervision. e. I am considered an expert on this equipment and am normally the person who is consulted to assist because of my expertise.
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FAA Form 3330 76 (6-96)
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- Integrated, scannable booklet with vacancy announcement
- Self-report of relevant training, education, and experience
- Based on occupational qualification standards

AFCAPS Innovations: Integration with TeleForm®

- TeleForm® used to create, modify application booklet
- Can save to PDF for posting booklet to the FAA web site for download
- Can scan faxed and photocopied pages
- Exports applicant data in database format

AFCAPS Innovations:

Tentative grade-level determination

- Decision matrix based on
 - Complexity of equipment worked on
 - Length of experience on equipment
 - Level of experience with equipment
- Critical issue in identifying/grouping civilian equipment relative to FAA-specific equipment/systems

AFCAPS Innovations: Flexible weighting

- Weighting of equipment experience based on selective factors specified by selecting official
 - For example, with a radar maintenance position, and if radar is specified as a selective factor, radar experience would be weighted more heavily
- Pre-determined grid for weights based on combinations of selective factors

AFCAPS Innovations: Job-specific scoring

- Ranking scores computed only when referral list is requested
- Score is based on job-specific selective factors specified by selecting official
- Veteran's preference added appropriately for sorting and referral

AFCAPS Advantage

- Tailored to FAA position requirements
- Open architecture using commercial, off-the-shelf applications (e.g., TeleForm®, Oracle®, TCP/IP)
- Network capability allows delivery of AFCAPS functionality to regions & subordinate sector offices via FAA intranet directly to selecting officials

AFCAPS Benefits

- Reduced time from application to referral list from weeks to days
- De facto model for other high-volume, nationwide FAA applicant screening processes
- Implements “Rule of 3” and other federal selection rules
- Lower cost for development & implementation compared with other tools
- Good user acceptance and credibility