



DEPARTMENT OF THE NAVY
BUREAU OF NAVAL PERSONNEL
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MILLINGTON, TN 38055-0000

BUPERSINST 1401.4F
PERS-45E
7 Dec 2015

BUPERS INSTRUCTION 1401.4F

From: Chief of Naval Personnel

Subj: ASTRONAUT CANDIDATE SELECTION PROGRAM

1. Purpose

a. To publish information and provide procedures for application to the National Aeronautics and Space Administration (NASA) Astronaut Candidate Selection Program.

b. Major revisions include the astronaut candidate selection board requirement and convening has been removed. Application for the program must be submitted via USAJOBS Web site. This instruction is a complete revision and should be reviewed in its entirety.

2. Cancellation. BUPERSINST 1401.4E.

3. Background. NASA will periodically select astronaut candidates for future space flight missions. In a memorandum of agreement between the Department of Defense and NASA, a provision was made for highly qualified Navy personnel to participate in the nationwide Astronaut Candidate Selection Program. Successful applicants will be assigned to positions located at Lyndon B. Johnson Space Center in Houston, TX, and be involved in a 2-year training and evaluation program, after which they will enter the Astronaut Corps and be eligible for assignment as astronauts on future missions.

4. General. Interested personnel who desire to become an astronaut candidate and who meet selection criteria are encouraged to submit an application via the NASA vacancy announcement posted at <http://www.usajobs.gov>. All application materials must be submitted electronically by the closing date of the announcement. The application process is vetted entirely through the USAJOBS Web site. Updated and supplemental information is available on the NAVPERSCOM Astronaut Candidate Selection Program Web page, <http://www.public.navy.mil/bupers-npc/boards/administrative/Pages/NASAAstronautCandidate.aspx>.

5. Astronaut Candidate Qualification Requirements. U.S. Navy applicants for the Astronaut Candidate Selection Program must meet the following minimum qualifications:

a. Must be citizens of the United States. Applicants with valid U.S. dual-citizenship are also eligible.

b. Have a bachelor's degree from an accredited institution in engineering, biological or physical science, or mathematics. Quality of academic preparation is important;

c. Degree must be supplemented by at least 3 years relatable experience in engineering, biological or physical science, or mathematics, or a minimum of 1,000 hours of pilot-in-command time in jet aircraft. An advanced degree is desired and can be substituted for experience requirement (master's degree, 1 year; doctorate degree, 3 years); and

d. Be able to pass the NASA long-duration space flight physical, which includes the following specific requirements:

(1) Height:

<u>Minimum</u>	<u>Maximum</u>
62 inches	75 inches

(2) Visual acuity: Distant and near visual acuity must be correctable to 20/20 in each eye. All applicants must complete a cycloplegic refraction examination. The refractive surgical procedures of the eye, photorefractive keratectomy (PRK) and LASIK, are now allowed, providing at least 1 year has passed with no permanent adverse after effects since the date of the procedure.

(3) Blood pressure: Preponderant systolic may not exceed 140 mm Hg, nor diastolic exceed 90 mm Hg, measured in a sitting position.

(4) Auditory Acuity: Any significant hearing loss is disqualifying, as indicated below:

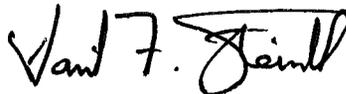
Frequency (HZ)	500	1000	2000	3000	4000
Maximum dB loss (both ears)	30	25	25	35	50

6. Space Application Procedures. The Astronaut Candidate Selection Program is conducted at NASA's discretion and will be advertised via NAVADMIN. Commanders are encouraged to ensure widest dissemination of this program.

a. All applicants must apply for astronaut candidate selection on the USAJOBS Web site at <http://www.usajobs.gov> during the specified timeframe. Candidates will have to create a USAJOBS account and apply for the vacancy by building an electronic resume. Applications will not be accepted via US Postal Service, FEDEX, United Parcel Service, DHL, or fax.

b. Applicants will list their commanding officer as a reference on their electronic USAJOBS resume. Command endorsement of applicants is required. Commanders will be contacted for a personal assessment of applicant as a prospective astronaut and for a recommendation for the requested duty.

7. Records Management. Records created as a result of this instruction, regardless of media and format, must be managed per Secretary of the Navy Manual M-5210.1 of January 2013.



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Deputy Chief of Naval Personnel

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