NOTICE OF PROPOSED CLASSIFICATION ACTIONS BY
THE HUMAN RESOURCES DIRECTOR

The following actions are being posted in accordance with Civil Service Rule 109. In the absence of a protest addressed to the Human Resources Director, the proposed changes will become final seven (7) calendar days from the posting date.

Posting No: 46
Fiscal Year: 2011/2012
Posted Date: 5/22/2012
Reposted Date: N/A

AMEND THE FOLLOWING JOB SPECIFICATION(S):
(Job specification(s) attached.)

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<th>Item #</th>
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<td>Airport Noise Abatement Specialist</td>
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<td>Senior Airport Abatement Specialist</td>
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For additional information regarding this proposed classification action, please contact Christina Penland, Senior Classification and Compensation Analyst, at (415) 557-4848 or by email at Christina.Penland@sfgov.org.

Protests on an item should be addressed to the Human Resources Director and can be submitted by mail to the City and County of San Francisco, Department of Human Resources, 1 South Van Ness Ave, 4th Floor, San Francisco, CA 94103 or by email to DHR.ClassificationActionPostings@sfgov.org. All protests must be received in writing no later than close of business seven (7) calendar days from the posting date, and must include the posting and item number(s), the basis on which the protest is submitted and identify the effected parties.


cc: All Employee Organizations
    All Departmental Personnel Officers
    DHR – Employee Relations Unit
    DHR – Class and Comp Unit
    DHR – Recruitment and Assessment Unit
    DHR – Support Services
    Anita Sanchez, CSC
    Linda Cosico, DHR
    Maria Newport, SFERS
    E-File
Title: Airport Noise Abatement Specialist  
Job Code: 5264

INTRODUCTION

Under supervision, the Airport Noise Abatement Specialist is responsible for the daily operation and maintenance of the Airport’s noise monitoring system, flight tracking system and responding to citizen’s concerns. The essential functions of this class include: monitoring aircraft noise and airlines’ compliance with FAA, State and Airport noise regulations; troubleshooting and maintaining remote noise monitoring sites and flight tracking equipment; retrieving and correlating data from the Airport’s various noise monitoring sites; compiling data into standardized format; responding to and investigating citizens’ complaints; may attend community meetings to assist in and/or make presentations regarding noise abatement issues; maintaining inventory of spare parts for the systems.

DISTINGUISHING FEATURES

Class 5264 is the journey level in the Noise Abatement class series. Positions at this level perform technical operational duties in the operation and maintenance of the Airport noise and flight tracking systems. This class is distinguished from the Senior Noise Abatement Specialist in that the latter performs more complex technical abatement duties and serves as lead specialist in team or special projects.

SUPERVISION EXERCISED

None

MAJOR, IMPORTANT, AND ESSENTIAL DUTIES

According to Civil Service Commission Rule 109, the duties specified below are representative of the range of duties assigned to this job code/class and are not intended to be an inclusive list.

1. Operates the Airport’s noise monitoring and flight tracking equipment, retrieves and correlates data through the use of customized computer software programs and utilities including routine operation, backing up and archiving data, daily checking the status of the systems, e.g., time, disk capacity, error messages, etc.

2. Troubleshoots & maintains remote noise monitoring sites and flight tracking equipment (e.g., circuit cards; microphones) including identifying defective components, and calibrating and replacing components. Troubleshoots and maintains noise and flight tracking computer components (e.g., printers, modems). Transport and/or retrieves data equipment between the Noise Monitoring Office and storage room to and from remote sites.

3. Monitors aircraft noise, flight operations (including test programs) and other pertinent aviation factors and procedures in the Airport Noise Office utilizing voice logging, noise monitoring, flight tracking, aircraft radios, and other equipment. Monitors Noise Abatement equipment in the field and at private residences through the use of portable noise monitors, hand held receiving radios, cellular phones, and binoculars.

4. Maintains records and logs of spare parts, calibrations, maintenance history, data storage; writes form reports.
Title: Airport Noise Abatement Specialist  
Job Code: 5264

5. Analyzes and evaluates data in monthly airline reports for compliance with Airport noise regulations.

6. Maintains and operates Noise Monitoring Van including fueling, cleaning interior, arranging cleaning of exterior, and maintaining inventory of contents.

7. May attend community meetings to assist in and/or make presentations regarding noise abatement issues.

8. Responds to and addresses calls relating to Airport/Airplane noise complaints from the community.

9. Performs related duties and responsibilities as assigned.

IMPORTANT AND ESSENTIAL KNOWLEDGES, SKILLS, AND ABILITIES

Knowledge of: Federal Aviation Regulations, State and Local noise abatement laws and regulations; aircraft performance including noise characteristics; general airport operations and the principles of aviation; acoustics, including frequency response, decibel levels and sound transmission; the principles and procedures of Air Traffic Control Communications, (i.e. translating flight strip data, weather data and interpretation of flight tracks); aviation weather patterns and their effect on airport operations locally and worldwide; modern computer systems and applications related to noise monitoring mitigation (e.g. flight tracking systems, spreadsheets, databases and word processing, and the set up and connection of noise monitoring hardware.)

Ability to: anticipate and identify problems associated with noise and flight tracking systems and develop and make recommendations for solutions; analyze, summarize and compose a variety of noise monitoring and abatement reports for the Airport and State, and Federal agencies; orally communicate effectively and persuasively with staff, airport management, members of the public and government officials; demonstrate sensitivity and concern to the public in regard to noise complaints in the community.

MINIMUM QUALIFICATIONS

Education:
Possession of a baccalaureate degree from an accredited college or university in Aviation, Aeronautical Operations or related field: AND

Experience:
One (1) year of aviation experience, such as working with flight tracking equipment, radar, airport traffic patterns, flight paths, aircraft flight procedures or applying airspace rules, safety procedures.
Title: Airport Noise Abatement Specialist  
Job Code: 5264

navigation techniques and aviation regulations, six (6) months of which must have included performing noise abatement duties responsibilities using a complex commercial noise monitoring system; AND

Substitution:

A baccalaureate degree from an accredited college or university in Aviation, Aeronautical Operations or a related field can substitute for the six (6) months of noise abatement experience.

Additional qualifying experience as described above may be substituted for up to 2 years of the required education degree on a year-for-year basis, up to a maximum of two (2) years. Thirty (30) semester units or forty-five (45) quarter units equal one (1) year; OR

Possession of a Commercial Pilot's license may substitute for the one (1) year of required experience; OR

Possession of a Professional Air Traffic Controller certificate may substitute for the one (1) year of required experience.

LICENSE AND CERTIFICATION

Possession of or ability to obtain and maintain a Class C Driver’s License by the time of appointment.

SUPPLEMENTAL INFORMATION

Ability to climb and work in confined or awkward spaces to install and monitor equipment; strength to lift and maneuver materials and equipment weighing up to 50 lbs.

PROMOTIVE LINES

To: 5271 Senior Noise Abatement Specialist

From: Entrance Examination

ORIGINATION DATE: 9/27/00

AMENDED DATE: 5/xx/2012

REASON FOR AMENDMENT: To accurately reflect the current tasks, knowledge, skills and abilities defined in the most recent job analysis conducted for this job code.

BUSINESS UNIT(S): COMMN SFCCD SFMTA SFUSD
INTRODUCTION

Under direction, the Senior Airport Noise Abatement Specialist performs lead function duties for the daily operation and maintenance of the Airport’s noise monitoring and flight tracking systems and responds to community and citizen’s concerns.

DISTINGUISHING FEATURES

The 5271 Senior Airport Noise Abatement Specialist is the advanced journey-level in the noise abatement specialist job class series. Class 5271 Senior Airport Noise Abatement Specialist is distinguished from class 5264 Airport Noise Abatement Specialist in that the former provides lead function duties to the 5264 Airport Noise Abatement Specialist, performs more complex technical functions and provides technical and administrative assistance to the Assistant Noise Abatement Officer. Class 5271 Senior Airport Noise Abatement Specialist is also distinguished from class 5267 Assistant Noise Abatement Officer in that the latter supervises the overall operations of the Noise Abatement office, develops programs, and assists in the coordination of public relations with environmental agencies and the surrounding communities.

SUPERVISION EXERCISED

May oversee and provide work direction for the Noise Abatement Specialists.

MAJOR, IMPORTANT, AND ESSENTIAL DUTIES

According to Civil Service Commission Rule 109, the duties specified below are representative of the range of duties assigned to this job code/class and are not intended to be an inclusive list.

1. Operates the Airport’s noise monitoring and flight tracking equipment, retrieves and correlates data through the use of customized software programs and utilities on the computer including routine operation, backing up and archiving data, daily checking the status of the systems, e.g., time, disk capacity, error messages, etc.

2. Troubleshoots & maintains remote noise monitoring sites and flight tracking equipment (e.g., circuit cards; microphones) including identifying defective components, and calibrating and replacing components. Troubleshoots and maintains noise and flight tracking computer components (e.g., printers, modems) Transports and/or retrieves data and/or equipment between the Noise Monitoring Office and the Noise Monitoring storage room and to and from remote sites.

3. Monitors aircraft noise, flight operations (including test programs) and other pertinent aviation factors and procedures in the Airport Noise Office utilizing voice logging, noise monitoring, flight tracking, aircraft radios, and other equipment. Monitors Noise Abatement equipment in the field and at private residences through the use of portable noise monitors, hand held receiving radios, cellular phones, and binoculars.

4. Maintains records and logs of spare parts, calibrations, maintenance history, data storage;
writes form reports. This requires a knowledge of aviation terms.

5. Analyzes and evaluates data in monthly airline reports for compliance with Airport noise regulations.

6. Maintains and operates Noise Monitoring Van including fueling, cleaning interior, arranging cleaning of exterior, and maintaining inventory of contents.

7. May attend community meetings to assist in and/or make presentations regarding noise abatement issues.

8. Responds and addresses calls relating to Airport/Airplane noise complaints from the community.

9. Provides work direction for 5264 Noise Abatement Specialist in the daily operation, maintenance, troubleshooting and repair of the noise monitoring or flight tracking systems.

10. Performs related duties and responsibilities as assigned.

IMPORTANT AND ESSENTIAL KNOWLEDGES, SKILLS, AND ABILITIES

Knowledge of: Federal Aviation Regulations, State and Local noise abatement laws and regulations; aircraft performance including noise characteristics; general airport operations and the principles of aviation; acoustics, including frequency response, decibel levels and sound transmission; the principles and procedures of Air Traffic Control Communications, (i.e. translating flight strip data, weather data, radio communications correlation and interpretation of flight tracks); aviation weather patterns and their effect on airport operations locally and worldwide; the principles of electronics; modern computer systems and applications related to noise monitoring mitigation (e.g. flight tracking systems, spreadsheets, databases and word processing, and the set up and connection of noise monitoring hardware.)

Ability to: anticipate and identify problems associated with noise and flight tracking systems and develop and make recommendations for solutions; analyze data, summarize and compose a variety of noise monitoring and abatement reports for the Airport, State, and Federal agencies; orally communicate effectively and persuasively with staff, airport management, members of the public and government officials; demonstrate sensitivity and concern to the public in regard to noise complaints in the community.

MINIMUM QUALIFICATIONS

These minimum qualifications establish the education, training, experience, special skills and/or license(s) which are required for employment in the classification. Please note, additional qualifications (i.e., special conditions) may apply to a particular position and will be stated on the exam/job announcement.

Education:

Possession of a baccalaureate degree from an accredited college or university in Aviation.
Title: Senior Airport Noise Abatement Specialist  
Job Code: 5271

Aeronautical Operations or related field; AND

Experience:

Two (2) years of experience performing noise abatement duties using a complex commercial noise monitoring system including monitoring airline and aircraft noise compliance with FAA, State and Airport noise regulations, equivalent to those of class 5264 Airport Noise Abatement Specialist with the City and County of San Francisco.; AND

Substitution:

Additional qualifying aviation experience, such as working with flight tracking equipment, radar, airport traffic patterns, flight paths, aircraft flight procedures or applying airspace rules, safety procedures, navigation techniques and aviation regulations, or in Airport noise abatement may be substituted for up to 2 years of the required education degree on a year-for-year basis, up to a maximum of two (2) years. Thirty (30) semester units or forty-five (45) quarter units equal one (1) year.

LICENSE AND CERTIFICATION

Possession of or ability to obtain and maintain a Class C Driver's License by the time of appointment.

SUPPLEMENTAL INFORMATION

Ability to climb and work in confined or awkward spaces to install and monitor equipment; strength to lift and maneuver materials and equipment weighing up to 50 lbs.

PROMOTIVE LINES

From: 5264 Airport Noise Abatement Specialist

ORIGINATION DATE: 9/27/00

AMENDED DATE: 5/xx/2012

REASON FOR AMENDMENT  To accurately reflect the current tasks, knowledge, skills and abilities defined in the most recent job analysis conducted for this job code.

BUSINESS UNIT(S): COMMN