

**COMPETENCY MODEL FOR
FIRE HELICOPTER PILOT
CLASS CODE 3563**

The following competencies have been identified as those that best separate superior from satisfactory job performance in the class of **FIRE HELICOPTER PILOT**. (Numbers refer to the order of competencies in the Competency Bank.)

- 3. Judgment and Decision-Making
- 8. Safety Focus
- 13. Stress Tolerance
- 20. Job Knowledge
- 23. Equipment Operation
- 36. Emotional Maturity
- 45. Oral Communication
- 53. Leadership

On the following pages are descriptions of each competency, including a definition, the level of the competency required for the class (*italicized, bolded, and underlined*), examples of behavioral indicators, and satisfactory and superior performance levels.

3. JUDGMENT AND DECISION MAKING – Accurately assesses situations, seeks new information if necessary, and applies all available information to reach sound conclusions/formulate effective response.

Level of Competency Required by Job:

Level 1: Training and guidelines needed to respond to immediate situations within very specific function are provided (or supervisor available to assist).

Level 2: General information and guidance to assist in responding to a variety of situations across a range of circumstances are provided.

Level 3: Little guidance available for responding to a wide range of complex situations with far-reaching and/or enduring consequences.

Examples of Behavioral Indicators:

- Effectively responds to atypical situations.
- Asks questions or otherwise obtains additional relevant information to make a decision.
- Formulates a decision and necessary actions based on available facts.
- Correctly infers appropriate response based on information provided and existing policies, personal experience, and/or consultation with others.
- Discusses conclusions/possible responses with others before taking action as necessary.
- Considers impact of decisions on all affected parties.

Performance Levels:

Satisfactory

Correctly assesses routine and unusual situations and reaches appropriate conclusions for actions needed. Obtains additional information and/or consults with others as necessary.

Superior

Evaluates new situations accurately to establish an appropriate response or plan of action. Recognizes the impact on all affected parties, as well as the possible ramifications and/or repercussions of setting a precedent.

8. SAFETY FOCUS – Performs work in a way that minimizes risk of injury to self or others.

Level of Competency Required by Job:

Level 1: Maintain awareness of unsafe conditions and actions to avoid injury.

Level 2: Follow safety rules/procedures; avoid known hazards in the work environment.

Level 3: Carefully follow safety rules and procedures and consistently use all necessary safety equipment.

Examples of Behavioral Indicators:

- Wears seat belt.
- Ensures safe physical work environment by taking actions such as eliminating unstable stacks of materials, closing drawers so filing cabinets will not tip over, and keeping pathways clear of tripping hazards.
- Reviews safety procedures before beginning each job with known hazards.
- Follows safety procedures while performing work even when it takes more time.
- Uses safety equipment such as goggles, gloves, and earplugs as required or warranted.
- Frequently checks safety equipment for proper condition and operation.

Performance Levels:

Satisfactory

Maintains awareness of personal safety to avoid injury or property damage during all work activities.

Superior

“Safety first.” Places avoidance of injury or property damage above all other job requirements. Mentions the need to follow safe work practices to co-workers. Actively seeks ways to avoid injury.

13. STRESS TOLERANCE – Maintains effective performance when under pressure, confronted with opposition or criticism, and/or when the situation is dangerous.

Level of Competency Required by Job:

Level 1: Assignment may include varied or heavy workload; new tasks may need to be learned; members of the public and, at times, co-workers may be rude.

Level 2: Insufficient staff or resources may be available to accomplish work. Priorities/objectives may be unclear and/or direction uncertain. Role ambiguity regarding responsibilities may exist. May encounter disagreement or criticism when performing job activities.

Level 3: *Presentation and defense of position in a public forum, which at times entails facing opposition, may be required. Work environment may be fast-paced and one in which urgent decisions must be made. Making life-or-death decisions may be necessary.*

Examples of Behavioral Indicators:

- Remains composed and focused on the task at hand in the presence of obvious stressors.
- Understands that rudeness or opposition is not typically personal attacks.
- Continues to make good decisions under urgent circumstances or when in danger.
- Soothes others who are more adversely affected by stress.

Performance Levels:

Satisfactory

Continues to perform effectively under stressful circumstances.

Superior

Acknowledges stress, but appears to be unaffected by it. Concentrates extra effort on accomplishing the task at hand. Assists others with effective coping.

20. JOB KNOWLEDGE – Knows information required to perform a specific job. Includes both widely available courses of study (for example, chemistry, human resources management, graphic arts) and City-specific information (parking regulation and ticketing practices; purchasing procedures; provisions of the City Charter).

Level of Competency Required by Job:

Level 1: Knowledge acquired after hire in a brief orientation, short training program, or through on-the-job training.

Level 2: Knowledge acquired through an apprenticeship or extensive training program, or long duration of job performance.

Level 3: Knowledge acquired through a prolonged external course of study and/or extensive training and experience within the City.

Examples of Behavioral Indicators:

- Performs work correctly/avoids technical (job content related) errors.
- Answers technical questions about work accurately.
- Asks few technical questions about the performance of routine work activities.
- Offers advice (“coaching”) to new employees regarding their work.
- Develops training programs for other employees.

Performance Levels:

Satisfactory

Sufficient job knowledge to perform work correctly independently. Answers technical questions about work correctly.

Superior

Expertise in technical job information sufficient to serve as a resource to others. May develop training manuals/programs and/or give internal and/or external presentations related to work.

Job Knowledge Areas

OPERATION, MAINTENANCE, AND USE OF AIRCRAFT AND EQUIPMENT

1. Knowledge of the components and limitations of helicopters operated by LAFD sufficient to identify the helicopter's readiness for any mission, and to identify if and when maintenance is required.
2. Knowledge of the navigational systems and system operations of helicopters operated by LAFD in order to operate and identify if and when maintenance is needed.
3. Knowledge of aeronautical principles in order to understand the helicopter's capabilities and to be able to determine if the mission or portion of mission can be completed safely.
4. Knowledge of the helicopter's and Department's radios in order to use properly and to identify if and when maintenance is required and equipment is in proper readiness mode.
5. Knowledge of helicopter maintenance requirements sufficient to determine when maintenance or repairs are needed.
6. Knowledge of Air Operations procedures for requesting and conducting maintenance or repairs in order to have the necessary repairs and maintenance completed, such as working with maintenance on troubleshooting mechanical or electronic issues, test flies, and approves aircraft airworthiness per FAA regulations.
7. Knowledge of all the various types of equipment carried on the helicopters, the location for each type, and the purpose of each, so the needed equipment can be accessed quickly when needed, used properly during an emergency, and repaired or replaced if it is broken.
8. Knowledge of how to make entries in logbooks and complete forms necessary to request repairs or maintenance for helicopters or equipment as needed.
9. Knowledge of proper storage places for equipment and tools used for missions, maintenance, etc. in order to keep the hangar clear and to ensure safety for all personnel in the facility.

EMERGENCY & NON-EMERGENCY OPERATIONS

10. Knowledge of Department rules and regulations to conduct Air Operations emergency operations and other department related missions.

11. Knowledge of the Department's Air Operations operational strategy and tactics to perform brush fire operations, transport fire medical personnel and/or patients, swift water rescues, and other emergency/non-emergency missions.
12. Knowledge of Departmental and Federal Aviation Administration (FAA) radio procedures in order to maintain radio communication with pilots, air traffic control towers, and Metropolitan Fire Communications (MFC) during emergency and non-emergency missions in the Flight Operations Room.
13. Knowledge of and ability to use, read, and interpret maps, diagrams, and charts in order to assist in or complete emergency and non-emergency operations.
14. Knowledge of fire characteristics/behavior in order to identify possible threats during brush fires, structure fires, etc.
15. Knowledge of how to consider various factors (e.g., weather, staffing, aircraft readiness) to determine if a mission can be undertaken.

ADMINISTRATION

16. Knowledge of Fire Department company activity reporting procedures, timekeeping, and record keeping procedures and station journal completion.
17. Knowledge of FAA reporting forms and forwarding procedures sufficient to complete and process in the required time frame and for the appropriate reasons.
18. Knowledge of City and Department budget process sufficient to assist with preparation of budget for Air Operations.
19. Knowledge and understanding of the Safety Management System (SMS).

23. EQUIPMENT OPERATION – Operates specialized equipment in performance of job duties.

Level of Competency Required by Job:

Level 1: Operate equipment based on on-the-job training.

Level 2: Operate equipment based on attendance at a training program and practice.

Level 3: Operate equipment for which in-depth, complex training was required and which may require certification.

Examples of Behavioral Indicators:

- Operates equipment proficiently.
- Operates equipment with strict adherence to safety procedures.
- Understands the operation of equipment used on the job and correctly answers questions about it.
- Willingly participates in any training necessary to maintain up-to-date knowledge of equipment operation.

Performance Levels:

Satisfactory

Operates equipment safely and with a high degree of proficiency.

Superior

Operates equipment with extreme proficiency and correctly answers questions about its operation. Trains and/or coaches others in the operation of equipment.

Equipment Operation Areas

1. Ability to perform flight maneuvers during emergency and non-emergency operations as pilot-in command of a helicopter.
2. Ability to check levels of fuel, oil, and other applicable fluids necessary to operate a helicopter and ensure the helicopter is in readiness mode for any mission.
3. Ability to read and interpret helicopter's instrumentations sufficient to operate aircraft and to record data in logbooks.
4. Ability to operate fuel tender and fuel pumps in order to refuel helicopters when needed.
5. Ability to operate various equipment such as tug, auxiliary power unit, battery packs, and forklift, in order to position helicopters and start helicopters when needed as well as other equipment necessary to ensure helicopter is in readiness mode for any mission.
6. Ability to operate Night Sun and use night vision goggles for various emergency and non-emergency operations.

36. EMOTIONAL MATURITY – Maintains a calm and task-oriented approach to work even under circumstances of conflict or hostility.

Level of Competency Required by Job:

Level 1: Remain focused on the task at hand when interacting with unpleasant or uncooperative people, circumstances are frustrating, the workload is high, or other conditions of the work environment are less than optimal.

Level 2: Seek effective resolution to complaints/criticisms; recognize that complaints/criticisms often are not personal, but a reflection of frustration or disagreement on the part of others.

Level 3: Maintain neutrality and effective performance even in the face of unjustified challenge or direct criticism in a public forum.

Examples of Behavioral Indicators:

- Maintains a calm and focused demeanor.
- Continues to listen to others with whom conflict or disagreement has occurred.
- Does not display excessive emotionality: yell, shout, scream, cry, or use profanity.
- Does not “act out:” slam doors, throw things, threaten, or assault others.
- Does not engage in inappropriate acts such as telling off-color jokes, name-calling, horseplay, or bullying.

Performance Levels:

Satisfactory

Demonstrates emotional stability and mature behavior appropriate to the workplace even in circumstances of discord or duress.

Superior

Maintains businesslike demeanor and continues to attempt to address the issue at hand even when faced with personal attacks, unjustified accusations, or other inappropriate behavior from others.

45. ORAL COMMUNICATION – Communicates orally in a clear, concise, and effective manner.

Level of Competency Required by Job:

Level 1: Exchange specific, job-related information orally with others in the immediate work environment or via telephone and/or radio.

Level 2: Obtain/provide/present general and/or job-specific information orally to a variety of others in various situations.

Level 3: Obtain/provide/present a diverse array of information orally at varying levels of complexity to a wide range of others across many different situations and circumstances.

Examples of Behavioral Indicators:

- Audience clearly understands the intended message.
- Rarely must repeat information in response to questions.
- Refrains from use of unnecessary words, phrases, or jargon.
- Provides a level of detail appropriate to the situation (avoids too much or too little detail).
- Speaks at a level appropriate to the audience in terms of terminology, sentence structure, and simplicity/complexity of ideas expressed.
- Uses words with precision (vocabulary) to convey exact information.

Performance Levels:

Satisfactory

Speaks clearly and audibly, providing the appropriate information and level of detail. Typically conveys the message on the first attempt. Answers questions accurately and directly.

Superior

Speech is direct and to the point. Speaks convincingly and with authority when appropriate. Maintains sensitivity to the audience while providing thorough information with the appropriate level of detail through the use of precise language.

53. LEADERSHIP – Influences others toward goal accomplishment.

Level of Competency Required by Job:

- Level 1: Assume responsibility for operations or a situation when necessary. Direct the actions of others or otherwise ensure required actions are taken. Remain responsible until relieved or situation is resolved.
- Level 2: Motivate others to continual activity focused on goal accomplishment. Provide clear objectives and articulate individual activities necessary to achieve them; ensure resources necessary to do so are available. Monitor work progress and provide feedback; assess results.
- Level 3: Articulate a vision, convey it to others, and assign responsibilities (or assure they are assigned) for achieving it. Monitor progress, make adjustments as necessary, and evaluate results.**

Examples of Behavioral Indicators:

- Evaluates circumstances, determining what needs to be done, and ensuring individual responsibility for performing specific actions is assigned.
- Follows-up to ensure that specific actions have been taken and overall objective has been accomplished.
- Clearly communicates objectives and responsibility/individual actions necessary to achieve them.
- Monitors work in progress, provides feedback to those involved, and makes adjustments to work plans/processes to ensure goal attainment.
- Evaluates completed work for quality, thoroughness, and effectiveness to determine whether re-work or additional work is required to meet intended objectives and to provide learning for future assignments

Performance Levels:

Satisfactory

Assumes responsibility for work of others when required or necessary. Ensures actions taken to achieve objectives, and evaluates results to determine any follow-up needed.

Superior

Articulates vision/states clear objectives and assigns responsibility/motivates others toward achievement. Monitors progress; gives feedback; evaluates results; ensures follow-up.

