

Sample Military Occupational Classifications

- 2A655 - Aircraft Hydraulic Systems Journeyman (Air Force)
- 67A - General Aircraft Repairer (Army)
- 525 - Aviation Maintenance Technician (Coast Guard)
- 6062 - Aircraft Safety Equipment Mechanic (Marines)
- AMH - Aviation Structural Mechanic, Hydraulic (Navy)

This packet is designed for men and women in Aircraft Maintenance leaving the military and entering into civilian occupations. It identifies and describes the current military occupation, and profiles five related civilian occupations that share many of the same skill requirements. These five related occupations are examples and individuals may have skills and interests that would qualify them for many other jobs.

These profiles can be used to:

- Prepare for resume writing and job interviews.
- Help make training decisions.
- Explore new career options in occupations that require many of the same skills.

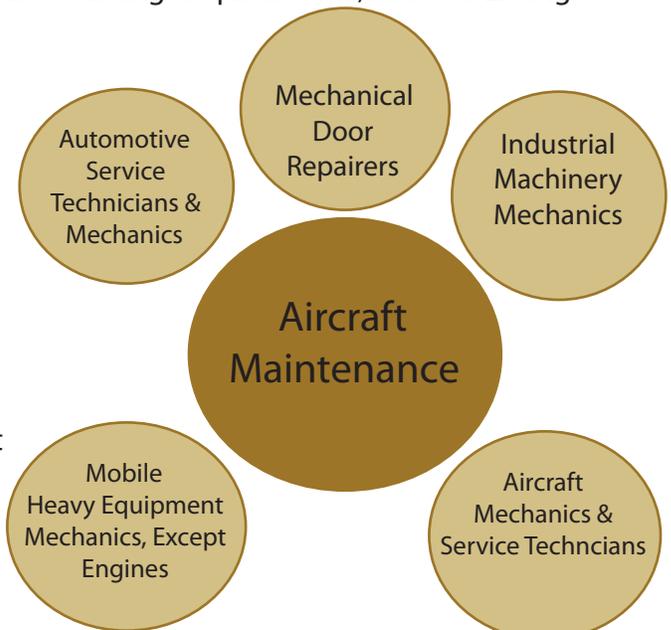
Each Occupation Profile contains the following information:

- Profile of current military occupation, with Top 7 important Duties and Top 3 pertinent Knowledges, Skills, Abilities, and Work Activities.
- Profiles of the most closely related civilian occupations identified, with Top 5 important Tasks; Top 3 pertinent Knowledges, Skills, Abilities, and Work Activities; Labor Market Information; Education and Training Requirements; and Job Listings in your area.

Each information packet is designed to answer questions like "how much can I expect to earn on this job?" and "what's the outlook for this type of work in the next ten years?"

Labor Market Information Division
Workforce Services Branch
Employment Development Department

LaborMarketInfo
www.labormarketinfo.edd.ca.gov



Aircraft Maintenance, cont.

Description

Perform aviation intermediate maintenance (AVIM) on rotary and fixed wing aircraft to include airframe, systems, subsystems and components. Troubleshoot, remove, repair, overhaul, inspect, adjust, install, and test aircraft hydraulic and IFR systems and components, including support equipment (SE). Perform ground handling and servicing of aircraft and conduct routine aircraft inspections and aviation administrative duties.

Important Duties

- Inspect and service aircraft engines, auxiliary power units, propellers, and rotor systems, power train systems and associated airframe and system specific electrical components.
- Maintain, troubleshoot, and repair power train systems and associated airframe and systems specific electrical components.
- Inspect, maintain, and repair aircraft intermediate level hydraulic/pneumatic system components.
- Maintain repair logs, documenting all preventive and corrective aircraft maintenance.
- Conduct routine and special inspections as required by regulations.

Important Knowledge, Skills, Abilities, and Work Activities

Knowledge	Skills
Mechanical	Troubleshooting
Engineering and Technology	Equipment Maintenance
Computers and Electronics	Repairing
Abilities	Work Activities
Finger Dexterity	Repairing and Maintaining Mechanical Equipment
Control Precision	Inspecting Equipment, Structures, or Material
Problem Sensitivity	Evaluating Information to Determine Compliance with Standards

Source: Occupational Information Network ([O*NET](#))

Aircraft Mechanics and Service Technicians

Description

Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.

Sample Job Titles

Aircraft Maintenance Technician, Aircraft Technician, Aircraft Maintenance Director, Aircraft Maintenance Supervisor, Aircraft Restorer, Helicopter Mechanic

Important Tasks

- Read and interpret maintenance manuals, service bulletins, and other specifications to determine the feasibility and method of repairing or replacing malfunctioning or damaged components.
- Inspect completed work to certify that maintenance meets standards and that aircraft are ready for operation.
- Maintain repair logs, documenting all preventive and corrective aircraft maintenance.
- Conduct routine and special inspections as required by regulations.
- Examine and inspect aircraft components, including landing gear, hydraulic systems, and deicers to locate cracks, breaks, leaks, or other problems.

Job Fit

The job of Aircraft Mechanic and Service Technician may appeal to those who enjoy following set procedures and routines. This occupation involves practical, hands-on problems and solutions and working with details.

Education and Training Requirements

Typical Education Level: Postsecondary non-degree award.

Certification: Link to America's Career InfoNet Certification Finder at www.careerinfonet.org and type in the keywords "aircraft mechanic" to find certification programs related to this occupation.

Aircraft Mechanics and Service Technicians, cont.

2013 Median Wages

	Hourly	Annual
California	\$29.51	\$61,390
Oakland-Fremont-Hayward	\$29.99	\$62,372
San Jose-Sunnyvale-Santa Clara	\$31.02	\$64,536
Sacramento-Arden Arcade-Roseville	\$27.78	\$57,787
Redding	\$22.71	\$47,236

Source: [Occupational Employment Statistics Survey 2013 1st Q](#)

Projections of Employment - California Long-Term

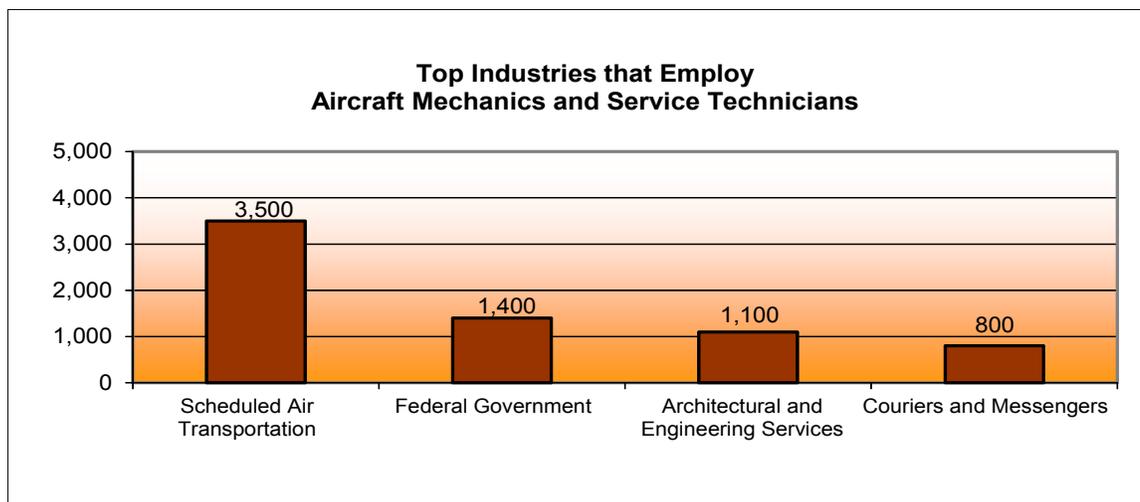
Est. # of Workers (2010-2020)		Numeric Change	Percent Change	Average Annual Job Openings
12,000	12,700	700	5.8	430

Projections of Employment - California Short-Term

Est. # of Workers (2012-2014)		Numeric Change	Percent Change	Average Annual Job Openings
12,600	13,000	400	3.2	550

Source: [EDD/LMID Projections of Employment by Occupation](#)

Top Industries that Employ this Occupation



Source: [CA Staffing Patterns](#)

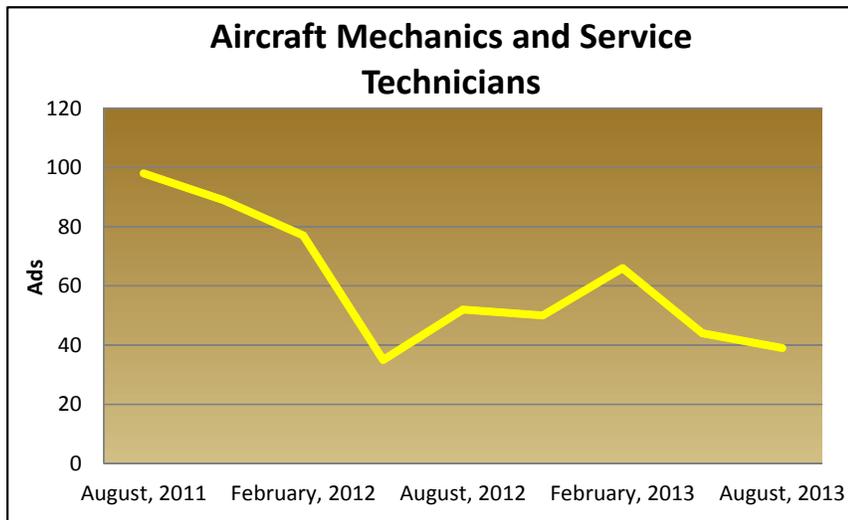
Aircraft Mechanics and Service Technicians, cont.

Recent Job Openings for this Occupation

Month	Total Job Listings	Top Counties Reported	Sample of Employers
July 2013	39	<ul style="list-style-type: none"> Alameda San Joaquin 	<ul style="list-style-type: none"> Aerotek Army National Guard
August 2013	39	<ul style="list-style-type: none"> San Francisco Sacramento 	<ul style="list-style-type: none"> Aerotek Belcan
September 2013	36	<ul style="list-style-type: none"> San Francisco Alameda 	<ul style="list-style-type: none"> Army National Guard Belcan

Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional 2-Year Online Job Ad Trend for this Occupation



Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional Supply and Demand for this Occupation

Estimated Candidate Supply	3,700
Employers Hiring	15
# of Employers Who Have Hired in the Past Four Years	107
Average Posting Period	48 days

Source: [WANTED Analytics: Date accessed 9/30/13](#)

Aircraft Mechanics and Service Technicians, cont.

Important Knowledge, Skills, Abilities, and Work Activities

Knowledge	Description
Mechanical	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
Design	Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.
Customer and Personal Service	Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.
Skill	Description
Equipment Maintenance	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
Repairing	Repairing machines or systems using the needed tools.
Troubleshooting	Determining causes of operating errors and deciding what to do about it.
Ability	Description
Finger Dexterity	The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects.
Control Precision	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
Problem Sensitivity	The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
Work Activity	Description
Repairing and Maintaining Mechanical Equipment	Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles.
Inspecting Equipment, Structures, or Material	Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.
Getting Information	Observing, receiving, and otherwise obtaining information from all relevant sources.

Source: Occupational Information Network ([O*NET](#))

Automotive Service Technicians and Mechanics

Description

Repair automobiles, trucks, buses, and other vehicles. Master mechanics repair virtually any part on the vehicle or specialize in the transmission system.

Sample Job Titles

Automotive Technician, Mechanic, Automotive Service Technician, Auto Technician, Shop Foreman, Certified ASE Master, Trim Technician, Alignment Specialist

Important Tasks

- Test drive vehicles, and test components and systems, using equipment such as infrared engine analyzers, compression gauges, and computerized diagnostic devices.
- Examine vehicles, compile estimates of repair costs, and secure customers' approval to perform repairs.
- Repair, overhaul, or adjust automobile brake systems.
- Troubleshoot fuel, ignition, and emissions control systems, using electronic testing equipment.

Job Fit

The job of Automotive Service Technician and Mechanic may appeal to those who enjoy activities that involve practical, hands-on problems and solutions. Automotive Technicians occupations satisfy those with realistic interests. Realistic occupations involve technical or mechanical activities.

Education and Training Requirements

Typical Education Level: High school diploma or the equivalent and long-term on-the-job training. This is an occupation in which workers can develop skills needed to attain competency after a period of 12 months or more of combined on-the-job experience and informal training.

Certification: California requires Automotive Service Technicians to be licensed if they specialize as Brake/Lamp Adjusters or Smog Check Technicians. Link to America's Career InfoNet Certification Finder at www.careerinfonet.org and type in the keywords "automotive technician" to find more certification programs related to this occupation.

Automotive Service Technicians and Mechanics, cont.

2013 Median Wages

	Hourly	Annual
California	\$20.11	\$41,835
San Francisco-San Mateo-Redwood City	\$23.45	\$48,774
Oakland-Fremont-Hayward	\$23.97	\$49,844
San Jose-Sunnyvale-Santa Clara	\$23.65	\$49,196
Sacramento-Arden Arcade-Roseville	\$23.46	\$48,795
Redding	\$20.71	\$43,083

Source: [Occupational Employment Statistics Survey 2013 1st Q](#)

Projections of Employment - California Long-Term

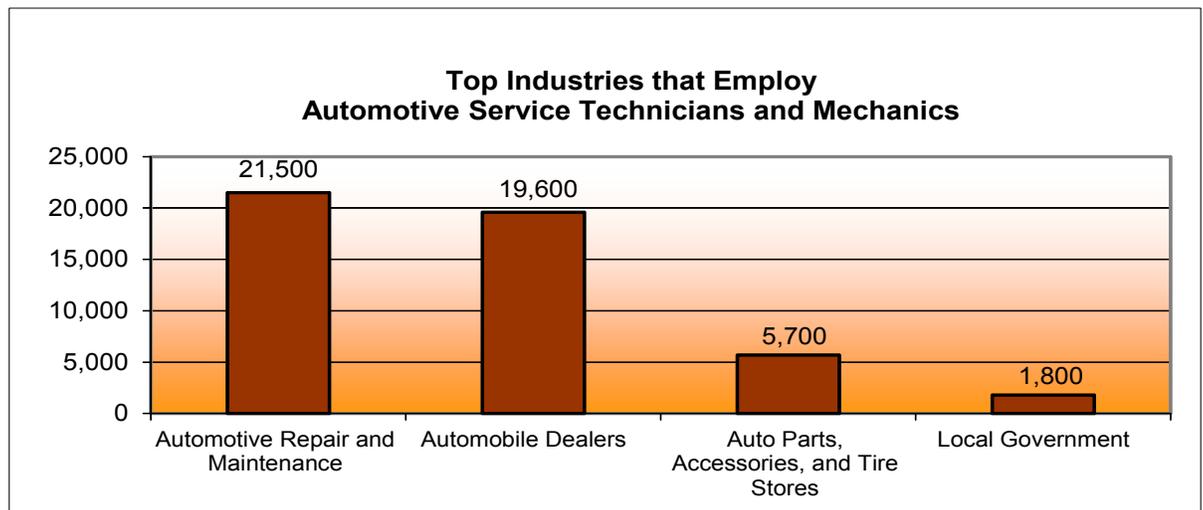
Est. # of Workers (2010-2020)		Numeric Change	Percent Change	Average Annual Job Openings
67,000	80,400	13,400	20.0	3,070

Projections of Employment - California Short-Term

Est. # of Workers (2012-2014)		Numeric Change	Percent Change	Average Annual Job Openings
71,200	74,200	3,000	4.2	3,340

Source: [EDD/LMID Projections of Employment by Occupation](#)

Top Industries that Employ this Occupation



Source: [CA Staffing Patterns](#)

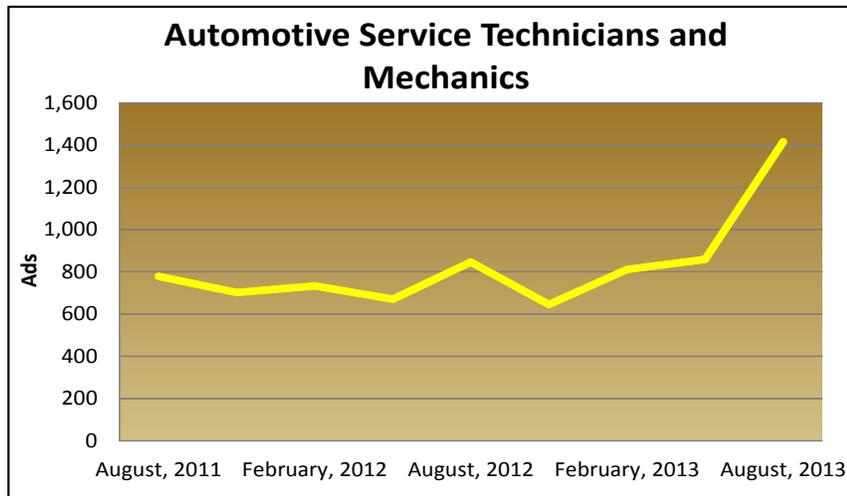
Automotive Service Technicians and Mechanics, cont.

Recent Job Openings for this Occupation

Month	Total Job Listings	Top Counties Reported	Sample of Employers
July 2013	1538	<ul style="list-style-type: none"> • Contra Costa • Alameda 	<ul style="list-style-type: none"> • Bridgestone • Wheel Works
August 2013	1316	<ul style="list-style-type: none"> • San Francisco • Santa Clara 	<ul style="list-style-type: none"> • Bridgestone • Firestone Complete Auto Care
September 2013	1191	<ul style="list-style-type: none"> • Contra Costa • Santa Clara 	<ul style="list-style-type: none"> • Wheel Works • Firestone Complete Auto Care

Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional 2-Year Online Job Ad Trend for this Occupation



Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional Supply and Demand for this Occupation

Estimated Candidate Supply	22,000
Employers Hiring	108
# of Employers Who Have Hired in the Past Four Years	1,016
Average Posting Period	48 days

Source: [WANTED Analytics](#): Date accessed 9/30/13

Automotive Service Technicians and Mechanics, cont.

Important Knowledge, Skills, Abilities, and Work Activities

Knowledge	Description
Mechanical	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
Engineering and Technology	Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
Computers and Electronics	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
Skill	Description
Equipment Maintenance	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
Repairing	Repairing machines or systems using the needed tools.
Troubleshooting	Determining causes of operating errors and deciding what to do about it.
Ability	Description
Arm-Hand Steadiness	The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.
Control Precision	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
Finger Dexterity	The ability to read and understand information and ideas presented in writing.
Work Activity	Description
Getting Information	Observing, receiving, and otherwise obtaining information from all relevant sources.
Operating Vehicles, Mechanized Devices, or Equipment	Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.
Making Decisions and Solving Problems	Analyzing information and evaluating results to choose the best solution and solve problems.

Source: Occupational Information Network ([O*NET](#))

Industrial Machinery Mechanics

Description

Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems.

Sample Job Titles

Maintenance Mechanic, Maintenance Technician, Mechanic, Engineering Technician, Master Mechanic, Industrial Machinery Mechanic, Machine Adjuster, Overhauler

Important Tasks

- Disassemble machinery or equipment to remove parts and make repairs.
- Repair or replace broken or malfunctioning components of machinery or equipment.
- Repair or maintain the operating condition of industrial production or processing machinery or equipment.
- Examine parts for defects, such as breakage or excessive wear.
- Reassemble equipment after completion of inspections, testing, or repairs.

Job Fit

The job of Industrial Machinery Mechanic may appeal to those who enjoy searching for facts and figuring out problems mentally. This occupation involves practical, hands-on problems and solutions and working with details.

Education and Training Requirements

Typical Education Level: High school diploma or the equivalent and long-term on-the-job training. This is an occupation in which workers can develop skills needed to attain competency after a period of 12 months or more of combined on-the-job experience and informal training.

Certification: Link to America's Career InfoNet Certification Finder at www.careerinfonet.org and type in the keywords "industrial mechanic" to find certification programs related to this occupation.

Industrial Machinery Mechanics, cont.

2013 Median Wages

	Hourly	Annual
California	\$26.55	\$55,223
San Francisco-San Mateo-Redwood City	\$31.82	\$66,201
Oakland-Fremont-Hayward	\$32.17	\$66,905
San Jose-Sunnyvale-Santa Clara	\$25.62	\$53,294
Sacramento-Arden Arcade-Roseville	\$27.19	\$56,546
Redding	\$38.34	\$79,752

Source: [Occupational Employment Statistics Survey 2013 1st Q](#)

Projections of Employment - California Long-Term

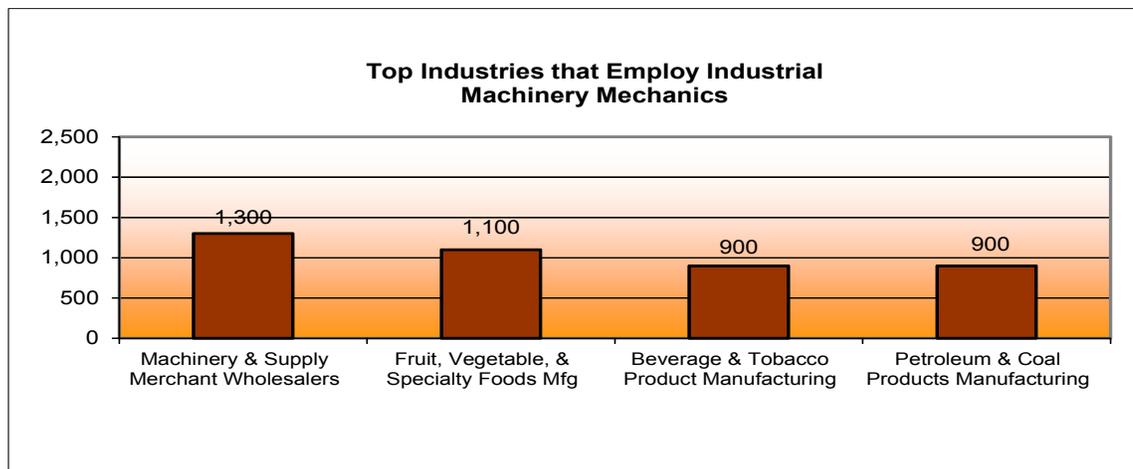
Est. # of Workers (2010-2020)		Numeric Change	Percent Change	Average Annual Job Openings
19,300	24,500	5,200	26.9	880

Projections of Employment - California Short-Term

Est. # of Workers (2012-2014)		Numeric Change	Percent Change	Average Annual Job Openings
20,600	21,100	500	2.4	650

Source: [EDD/LMID Projections of Employment by Occupation](#)

Top Industries that Employ this Occupation



Source: [CA Staffing Patterns](#)

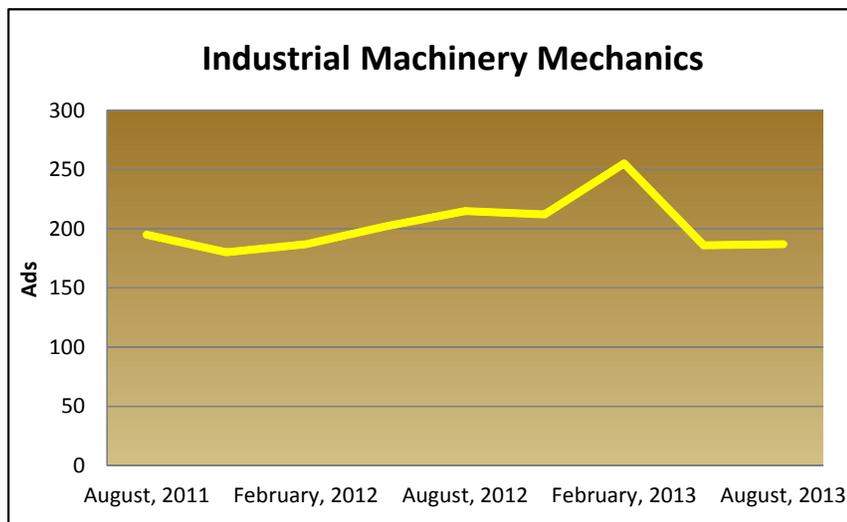
Industrial Machinery Mechanics, cont.

Recent Job Openings for this Occupation

Month	Total Job Listings	Top Regions Reported	Sample of Employers
July 2013	204	<ul style="list-style-type: none"> • Alameda • San Joaquin 	<ul style="list-style-type: none"> • Con Agra • Volt Information Sciences, Inc.
August 2013	183	<ul style="list-style-type: none"> • San Joaquin • Alameda 	<ul style="list-style-type: none"> • ConAgra • Volt Information Sciences
September 2013	162	<ul style="list-style-type: none"> • San Joaquin • Alameda 	<ul style="list-style-type: none"> • ConAgra • Aerotek

Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional 2-Year Online Job Ad Trend for this Occupation



Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional Supply and Demand for this Occupation

Estimated Candidate Supply	6,500
Employers Hiring	48
# of Employers Who Have Hired in the Past Four Years	567
Average Posting Period	41 days

Source: [WANTED Analytics](#): Date accessed 9/30/13

Industrial Machinery Mechanics, cont.

Important Knowledge, Skills, Abilities, and Work Activities

Knowledge	Description
Mechanical	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
Mathematics	Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
Engineering and Technology	Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
Skill	Description
Repairing	Repairing machines or systems using the needed tools.
Equipment Maintenance	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
Operation Monitoring	Watching gauges, dials, or other indicators to make sure a machine is working properly.
Ability	Description
Reaction Time	The ability to quickly respond (with the hand, finger, or foot) to a signal (sound, light, picture) when it appears.
Control Precision	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
Manual Dexterity	The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.
Work Activity	Description
Repairing and Maintaining Mechanical Equipment	Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles.
Inspecting Equipment, Structures, or Material	Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.
Handling and Moving Objects	Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.

Source: Occupational Information Network ([O*NET](#))

Mechanical Door Repairers

Description

Install, service, or repair opening and closing mechanisms of automatic doors and hydraulic door closers. Includes garage door mechanics.

Sample Job Titles

Door Installer, Service Technician, Garage Door Installer, Commercial Door Installer, Garage Door Technician, Installation Technician, Residential Door Installer

Important Tasks

- Adjust doors to open or close with the correct amount of effort or make simple adjustments to electric openers.
- Wind large springs with upward motion of arm.
- Inspect job sites, assessing headroom, side room, or other conditions to determine appropriateness of door for a given location.
- Collect payment upon job completion.
- Complete required paperwork, such as work orders, according to services performed or required.

Job Fit

The job of Mechanical Door Repairer may appeal to those who enjoy working independently outdoors with tools and machinery. This occupation involves practical, hands-on problems and solutions and working with details.

Education and Training Requirements

Typical Education Level: High school diploma or the equivalent and moderate-term on-the-job training. This is an occupation in which workers can develop skills needed to attain competency after a period of between 1 and 12 months of combined on-the-job experience and informal training.

Certification: Link to America's Career InfoNet Certification Finder at www.careerinfonet.org and type in the keywords "door repairer" to find certification programs related to this occupation.

Mechanical Door Repairers, cont.

2013 Median Wages

	Hourly	Annual
California	\$22.69	\$47,190
Oakland-Fremont-Hayward	\$26.20	\$54,482
San Jose-Sunnyvale-Santa Clara	\$23.59	\$49,080
San Francisco-San Mateo-Redwood City	\$18.33	\$38,134

Source: [Occupational Employment Statistics Survey 2013 1st Q](#)

Projections of Employment - California Long-Term

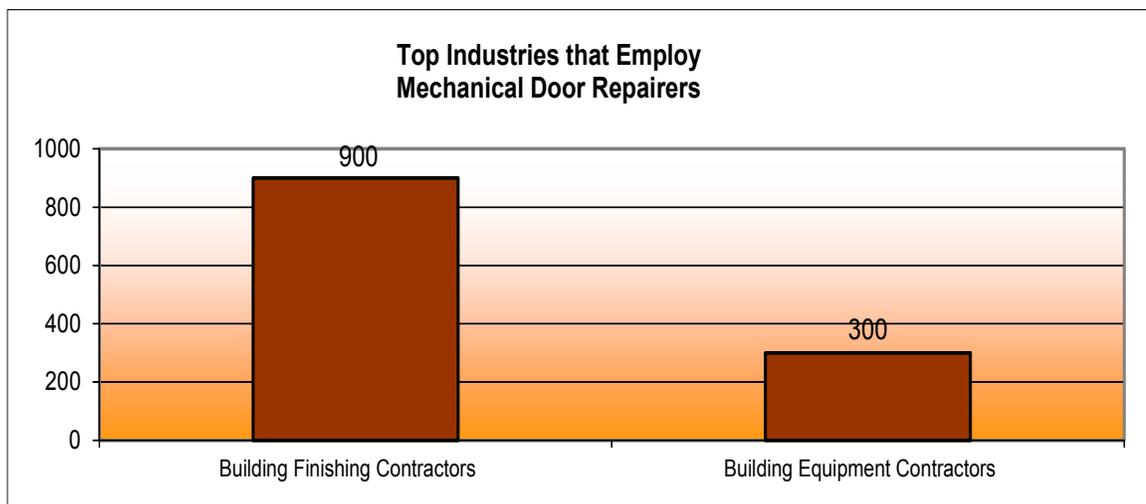
Est. # of Workers (2010-2020)		Numeric Change	Percent Change	Average Annual Job Openings
1,300	1,600	300	23.1	50

Projections of Employment - California Short-Term

Est. # of Workers (2012-2014)		Numeric Change	Percent Change	Average Annual Job Openings
1,300	1,500	200	15.4	90

Source: [EDD/LMID Projections of Employment by Occupation](#)

Top Industries that Employ this Occupation



Source: [CA Staffing Patterns](#)

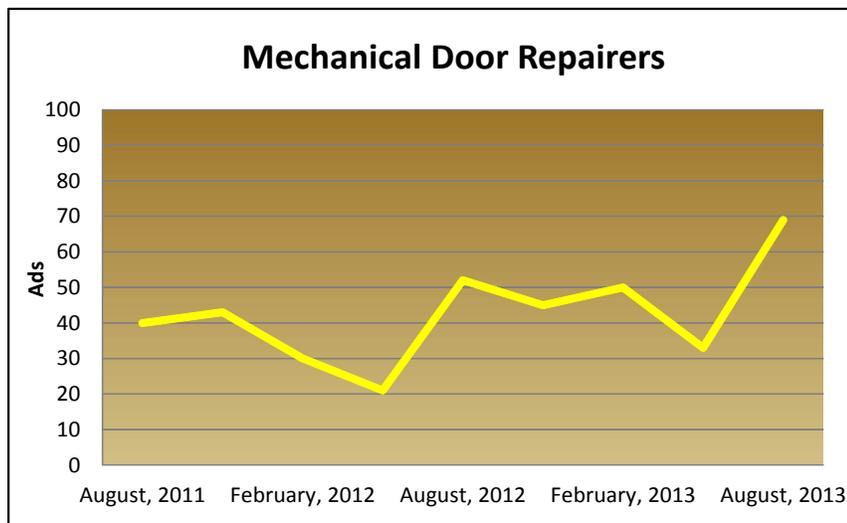
Mechanical Door Repairers, cont.

Recent Job Openings for this Occupation

Month	Total Job Listings	Top Counties Reported	Sample of Employers
July 2013	76	<ul style="list-style-type: none"> Alameda San Francisco 	<ul style="list-style-type: none"> Alcal Specialty Contracting, Inc. JKH Door Service Company
August 2013	48	<ul style="list-style-type: none"> San Francisco Sacramento 	<ul style="list-style-type: none"> SHS Services Management Alcal Specialty Contracting, Inc.
September 2013	44	<ul style="list-style-type: none"> San Francisco Alameda 	<ul style="list-style-type: none"> SHS Services Management Get2Work Staffing

Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional 2-Year Online Job Ad Trend for this Occupation



Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional Supply and Demand for this Occupation

Estimated Candidate Supply	100
Employers Hiring	1
# of Employers Who Have Hired in the Past Four Years	34
Average Posting Period	41 days

Source: [WANTED Analytics](#): Date accessed 9/30/13

Mechanical Door Repairers, cont.

Important Knowledge, Skills, Abilities, and Work Activities

Knowledge	Description
Mechanical	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
Customer and Personal Service	Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.
Building and Construction	Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.
Skill	Description
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
Active Listening	Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
Installation	Installing equipment, machines, wiring, or programs to meet specifications.
Ability	Description
Manual Dexterity	The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.
Near Vision	The ability to see details at close range (within a few feet of the observer).
Problem Sensitivity	The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
Work Activity	Description
Performing General Physical Activities	Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.
Operating Vehicles, Mechanized Devices, or Equipment	Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.

Source: Occupational Information Network ([O*NET](#))

Mobile Heavy Equipment Mechanics, Except Engines

Description

Diagnose, adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment, such as cranes, bulldozers, graders, and conveyors, used in construction, logging, and surface mining.

Sample Job Titles

Field Service Technician, Field Mechanic, Equipment Technician, Field Technician, Mobile Heavy Equipment Mechanic, Construction Equipment Mechanic

Important Tasks

- Repair and replace damaged or worn parts.
- Dismantle and reassemble heavy equipment using hoists and hand tools.
- Operate and inspect machines or heavy equipment to diagnose defects.
- Test mechanical products and equipment after repair or assembly to ensure proper performance and compliance with manufacturers' specifications.
- Clean, lubricate, and perform other routine maintenance work on equipment and vehicles.

Job Fit

The job of Mechanical Door Repairer may appeal to those who enjoy working independently outdoors with tools and machinery. This occupation involves following set procedures and routines.

Education and Training Requirements

Typical Education Level: High school diploma or the equivalent and long-term on-the-job training. This is an occupation in which workers can develop skills needed to attain competency after a period of 12 months or more of combined on-the-job experience and informal training.

Certification: Link to America's Career InfoNet Certification Finder at www.careerinfonet.org and type in the keywords "mobile equipment mechanic" to find certification programs related to this occupation.

Mobile Heavy Equipment Mechanics, Except Engines, cont.

2013 Median Wages

	Hourly	Annual
California	\$25.82	\$53,700
San Francisco-San Mateo-Redwood City	\$21.80	\$45,341
Oakland-Fremont-Hayward	\$30.88	\$64,231
San Jose-Sunnyvale-Santa Clara	\$29.20	\$60,726
Sacramento-Arden Arcade-Roseville	\$26.00	\$54,082
Redding	\$25.23	\$52,476

Source: [Occupational Employment Statistics Survey 2013 1st Q](#)

Projections of Employment - California Long-Term

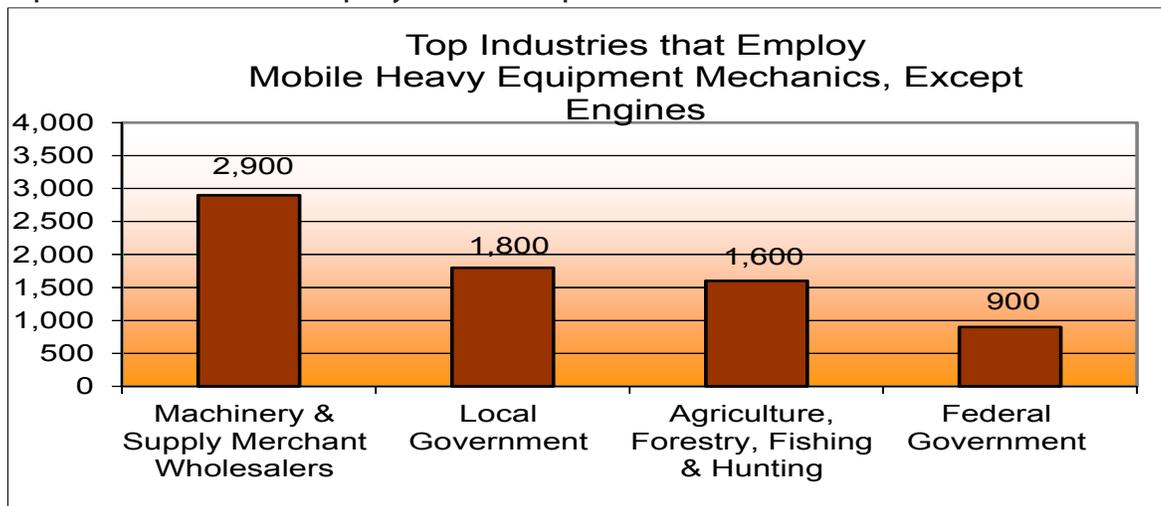
Est. # of Workers (2010-2020)		Numeric Change	Percent Change	Average Annual Job Openings
13,500	15,300	1,800	13.3	540

Projections of Employment - California Short-Term

Est. # of Workers (2012-2014)		Numeric Change	Percent Change	Average Annual Job Openings
14,200	14,700	500	3.5	590

Source: [EDD/LMID Projections of Employment by Occupation](#)

Top Industries that Employ this Occupation



Source: [CA Staffing Patterns](#)

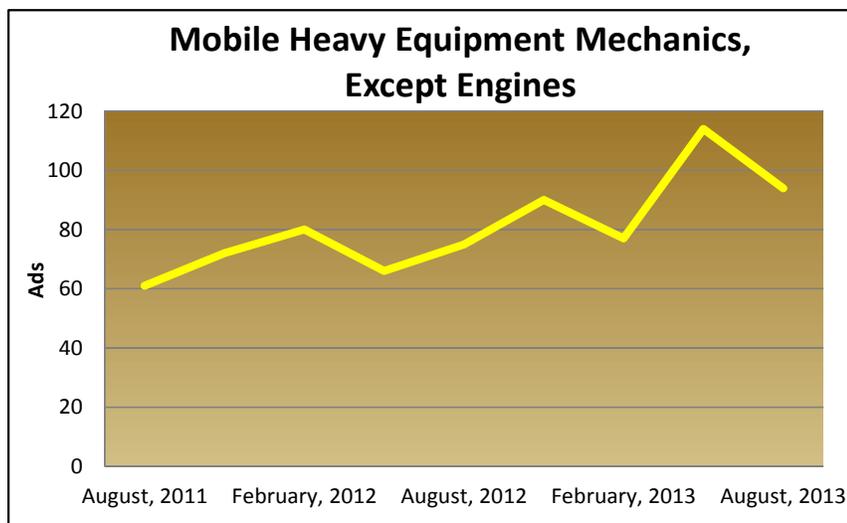
Mobile Heavy Equipment Mechanics, Except Engines, cont.

Recent Job Openings for this Occupation

Month	Total Job Listings	Top Regions Reported	Sample of Employers
July 2013	99	<ul style="list-style-type: none"> Alameda Sacramento 	<ul style="list-style-type: none"> Altec Industries Raymond Handling
August 2013	88	<ul style="list-style-type: none"> San Joaquin San Francisco 	<ul style="list-style-type: none"> Raymond Handling Altec
September 2013	99	<ul style="list-style-type: none"> Alameda San Joaquin 	<ul style="list-style-type: none"> Raymond Handling Sovereign Staffing Group

Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional 2-Year Online Job Ad Trend for this Occupation



Source: [The Conference Board Help Wanted Online™ \(HWOL\) data series - Hiring Demand Dashboard](#)

Regional Supply and Demand for this Occupation

Estimated Candidate Supply	3,800
Employers Hiring	25
# of Employers Who Have Hired in the Past Four Years	245
Average Posting Period	42 days

Source: [WANTED Analytics](#): Date accessed 9/30/13

Mobile Heavy Equipment Mechanics, Except Engines, cont.

Important Knowledge, Skills, Abilities, and Work Activities

Knowledge	Description
Mechanical	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
Customer and Personal Service	Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.
Computers and Electronics	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
Skill	Description
Troubleshooting	Determining causes of operating errors and deciding what to do about it.
Equipment Maintenance	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
Repairing	Repairing machines or systems using the needed tools.
Ability	Description
Control Precision	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
Manual Dexterity	The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.
Arm-Hand Steadiness	The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.
Work Activity	Description
Repairing and Maintaining Mechanical Equipment	Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles.
Inspecting Equipment, Structures, or Material	Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.
Operating Vehicles, Mechanized Devices, or Equipment	Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.

Source: Occupational Information Network ([O*NET](#))

