

Jobs Task List Report

Generates report that lists all project tasks and identifies similar tasks across multiple jobs.

Project: 700 Series Aircraft
 Prepared by: Administrator
 Date: July 26, 2021

Project Tasks	Sub Tasks	Jobs					
		Technician			Supervisor		
		Standards	Conditions	Proficiency	Standards	Conditions	Proficiency
407 - Maintain Aircraft Structures		In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures, the technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS); b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. visually inspecting aircraft structures for condition; d. removing and installing panels for access; e. removing and installing bonding/grounding straps/wires; f. conducting corrosion control measures; g. rectifying unserviceability by replacing non-fixed removable fairings, cowlings, panels etc.; h. raising support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; i. performing close out activities.	(1) approved references (e.g., CFTOs, unit MAP); (2) applicable aircraft and equipment records; (3) assistance as required (e.g. for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable aircraft structures; and (8) test equipment and tools.	Skilled			
	407.01 - Describe Aircraft Structures	In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e., AF 9000 Plus and HPMA), the QL3 AVN technician shall: a. Describe Aircraft	(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.	Skilled			

		Primary and Secondary Structure Construction, b. Describe Aircraft Structure Types.					
	407.02 - Perform Aircraft Structural Inspections	In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e., AF 9000 Plus and HPMA), the QL3 AVN technician shall: a. Describe Aircraft primary & secondary structural inspection requirements and procedures, b. Describe Aircraft structural limits, c. Describe Aircraft alignment & symmetry check procedures.	(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.	Skilled			
408 - Maintain Windows, Doors and Related Components		In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS); b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. inspecting windows and doors; d. rigging and/or adjusting doors; hatches; and windshield wipers/washers; e. troubleshooting by applying theory of system operation to diagnose faults; and f. isolating faults to mechanical and electrical components such as latches/locks, wiring, connectors, switches, fuses, that are part of the system; g. rectifying system faults; h. performing functional checks, i. raising weight and balance amendment entries in the MRS - Servicing Set as required; j. raising CF 349B support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; and k. performing close out activities.	(1) approved references (e.g., CFTOs, unit MAP); (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable components; and (8) test equipment and tools.	Skilled			

	<p>408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components</p>	<p>In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall: a. Describe A/C Personnel Access Doors and Hatches Operation and Construction, b. Describe A/C Personnel Access Doors and Hatches Inspection Requirements and Procedures, c. Describe A/C Personnel Access Doors and Hatches Diagnoses and Repair Procedures, d. Describe A/C Cargo/Ramp System Operation and Construction, e. Describe A/C Cargo Restraint Equipment Types and Uses.</p>	<p>(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.</p>	<p>Skilled</p>			
	<p>408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles</p>	<p>In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall: a. Describe Aircraft Windscreens, Windows, Domes & Bubbles, Operation & Construction, b. Describe Aircraft Windscreens, Windows, Domes and Bubbles, Inspection Requirements and Procedures, c. Describe Aircraft Windscreens, Windows, Domes and Bubbles, Diagnoses and Repair Procedures, d. Describe Aircraft Canopy System / Components Operation and Construction, e. Describe Aircraft Canopy System / Components Inspection Requirements and Procedures, f. Describe Aircraft Windscreens, Windows, Domes and Bubbles, Remove/Install Procedures, g. Describe Aircraft Canopy System / Components Diagnoses and Repair Procedures, h. Perform Aircraft Canopy System / Components Remove/Install Procedures, i. Perform Aircraft Canopy System / Components Functional Check Procedures.</p>	<p>(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.</p>	<p>Skilled</p>			

	<p>408.03 - Maintain Aircraft Rain and Snow Removal Systems</p>	<p>In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall: a. Describe Aircraft Rain/Snow Removal System/Components Operation and Construction, b. Describe Aircraft Windshield Wiper/Washer System/Components Operation and Construction, c. Describe Aircraft Windshield Wiper/Washer System/Components Inspection Requirements and Procedures, d. Describe Aircraft Windshield Wiper/washer System/Components Diagnosis and Repair Procedures, e. Describe Aircraft Windshield Wiper/Washer System/Components Electrical Inspection Requirements and Procedures, f. Describe Aircraft Rain/Snow Removal System/Components Inspection Requirement and Procedures, g. Describe Aircraft Rain/ Snow Removal System/Components Diagnosis and Repair Procedures, h. Perform Aircraft Rain/Snow Removal System/Components Removal and installation Procedures.</p>	<p>(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.</p>	<p>Skilled</p>			
<p>409 - Maintain Aircraft Hydraulic Systems</p>		<p>In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS), b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. visually inspecting hydraulic systems and components for applicable maintenance action; d. connecting and applying external hydraulic power; e. bleeding system; f. replacing time expired components; g. conducting corrosion control measures; h. analyzing hydraulic samples by operating particle counter (e.g. LCM 20 or</p>	<p>(1) approved references (e.g., CFTOs, unit MAP); (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable systems /</p>	<p>Highly Skilled</p>			

		equivalent); i. troubleshooting by applying theory of system operation to diagnose system faults; k. rectifying system faults; l. performing leak checks (static and pressurized); range of movement checks; pressure/thermal relief checks; flow rate; system selector/isolation control checks; and indication system functions (e.g. low/high pressure lights, gauges). m. raising CF 349B support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; and n. performing close out activities.	components; and (8) test equipment and tools.				
	409.01 - Describe Characteristics and Safe Handling of Hydraulic Fluids	In accordance with, specific equipment manuals and references, and while adhering to all safety precautions, the Trainee shall: a. Describe Hydraulic Fluid Physic and Properties, b. Describe Characteristics of Hydraulic Fluid, c. Describe Safe Handling Procedures for Hydraulic Fluid, (1) Describe types of contaminants, (2) Describe sampling technique, (3) Describe patch testing.	(1) Approved references IAW Para 4.	Skilled			
	409.02 - Describe Hydraulic Hardware and Components	In accordance with specific equipment manuals and references, and while adhering to all safety precautions the Trainee shall: a. Recognize Aircraft Hydraulic Hardware; b. Recognize diverse types of Hydraulic piping; c. Recognize Types of hydraulic system, d. Recognize Aircraft Hydraulic Component and operation; e. Interpret basic schematic of Hydraulic System.	(1) Approved references IAW para 4.	Skilled			
	409.03 - Construct a Basic Hydraulic System (Built and Diagnose)	In accordance with specific equipment manuals and references, and while adhering to all safety precautions, the Trainee shall: a. Assemble a basic hydraulic system using LVSim Hydraulic Trainer to include: (1) Actuators, (2) Reservoir, (3) Pump, (4) Valves, (5) Plumbing and (6) Electrical components, b. Troubleshoot by applying theory of system operation to diagnose system faults; Isolating faults to the following mechanical/electrical assemblies/components: (1) Pumps; (2) Actuators; (3) Valves, c. Rectifying system faults by: (1) Replacing faulty mechanical and electrical components; (2)	(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Supervision.	Skilled			

		Repairing or replacing faulty system wiring, (3) Rigging and/or adjusting system components; d. Performing the following functional; (1) Leak checks (static and pressurized); (2) Range of movement checks (e.g. actuator stroke); (3) Pressure/thermal relief checks; (4) Flow rate; (5) System selector/isolation control checks.					
410 - Maintain Landing Gear Systems		In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures, the AVN technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS); b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. visually inspecting landing gear system and components for applicable maintenance action; d. rigging landing gear system to include doors, actuators, locks, and release mechanisms; e. connecting and applying external electrical and hydraulic power; f. bleeding hydraulic and brake system; g. conducting corrosion control measures; h. troubleshooting by applying theory of system operation to diagnose system faults; j. rectifying system faults; k. performing functional checks; m. raising support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; and n. performing close out activities.	(1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable systems / components; and (8) test equipment and tools.	Skilled	In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures, the AVN technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS); b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. visually inspecting landing gear system and components for applicable maintenance action; d. rigging landing gear system to include doors, actuators, locks, and release mechanisms; e. connecting and applying external electrical and hydraulic power; f. bleeding hydraulic and brake system; g. conducting corrosion control measures; h. troubleshooting by applying theory of system operation to diagnose system faults; j. rectifying system faults; k. performing functional checks; m. raising support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; and n. performing close out activities.	(1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable systems / components; and (8) test equipment and tools.	Highly Skilled

	410.01 - Describe the Construction and Operation of the Landing Gear System and Its Components	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures the Trainee shall: a. Recognize Undercarriage Arrangement; b. Recognize Main Component of a Landing Gear Systems and Types; c. Describe AC Landing Indicating Sys/ Components Operation and Construction; d. Describe AC Steering Systems Component and Operation.	(1) Approved references IAW Para 14.	Skilled			
	410.02 - Describe Brake and Anti-Skid Systems	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures the Trainee shall: a. Recognize Aircraft Type of brake assemblies and their Construction and Function, b. Describe basic Aircraft Brake Sys and Inspection Requirements, c. Describe Anti-Skid Sys Components and Operation.	(1) Approved references IAW Para 14.	Skilled			
	410.03 - Describe Wheel Assembly Maintenance Procedures	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures the Trainee shall: a. Recognize Components and Maintenance of Wheel Assembly; b. Describe Aircraft Wheel, Tires and Tubes Inspection Requirements and Procedures; c. Describe Aircraft wheel, Tires and Tubes Diagnoses and Repair Procedures; d. Describe the procedure of removal and Installation of a Main Wheel.	(1) Approved references IAW Para 14.	Skilled	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures the Trainee shall: a. Recognize Components and Maintenance of Wheel Assembly; b. Describe Aircraft Wheel, Tires and Tubes Inspection Requirements and Procedures; c. Describe Aircraft wheel, Tires and Tubes Diagnoses and Repair Procedures; d. Describe the procedure of removal and Installation of a Main Wheel.	(1) Approved references IAW Para 14.	Highly Skilled
	410.04 - Perform Maintenance on the Main Landing Gear	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures the Trainee shall: a. Perform Removal of Main LDG procedures; b. Perform Inspection on Main LDG procedures; c. Perform Installation of the Main LDG procedures; d. Perform Diagnose and Rigging of Main LDG procedures; e. Perform Functional on the Main LDG Sys procedures.	(1) Approved references IAW para 14, (2) Resources IAW para 17, (3) Supervision.	Skilled	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures the Trainee shall: a. Perform Removal of Main LDG procedures; b. Perform Inspection on Main LDG procedures; c. Perform Installation of the Main LDG procedures; d. Perform Diagnose and Rigging of Main LDG procedures; e. Perform Functional on the Main LDG Sys procedures.	(1) Approved references IAW para 14, (2) Resources IAW para 17, (3) Supervision.	Highly Skilled

<p>411 - Maintain Fixed-Wing Flight Control Systems</p>		<p>In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMa), the QL3 AVN technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS); b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. visually inspecting fixed wing flight control systems and components as required for applicable maintenance action; d. rigging and/or adjusting the flight control surface systems; e. troubleshooting by applying theory of system operation to diagnose system faults; f. isolating faults to mechanical, hydraulic, or electrical components/ assemblies; g. rectifying system faults; h. performing functional checks: j. raising CF 349B support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; k. performing close out activities.</p>	<p>(1) approved references (e.g., CFTOs, unit MAP); (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable systems / components; and (8) test equipment and tools.</p>	<p>Skilled</p>			
	<p>411.01 - Describe the Fundamental Principles of Fixed Wing Flight</p>	<p>In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMa) the Trainee shall: a. Explain the common laws of basic physics, b. Describe the composition and physical properties of the atmosphere, c. Describe the development of lift, d. Describe the purpose of the varied flight control surfaces, e. Describe transonic and supersonic flight regimes.</p>	<p>(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required, (4) Supervision.</p>	<p>Skilled</p>			
	<p>411.02 - Service Flight Controls Systems</p>	<p>In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMa) the Trainee shall: a. Describe inspection practices for flight control systems, b.</p>	<p>(1) C-12-114-OA//MF-000, (2) CT114 aircraft, one per four students, (3) Continuous</p>	<p>Skilled</p>			

		Diagnose and repair flight control systems relating to rigging errors, c. Remove and install flight control surfaces & components, d. Perform functional checks on flight control systems.	supervision during practical Ex and PC, (4) Instructor assistance during practical Ex.				
412 - Maintain Aircraft Ancillary Systems		In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall be capable of performing the following maintenance activities: f. reviewing the Maintenance Record Set (MRS); a. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; b. visually inspecting ancillary systems for applicable maintenance action; c. troubleshooting by applying theory of system operation to diagnose system faults; d. isolating faults in mechanical, pneumatic, or electrical components/assemblies; f. rectifying system faults; g. Perform functional check on aircraft pressurization system; h. raising CF 349B support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; i. performing close out activities.	(1) approved references (e.g., CFTOs, unit MAP); (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable systems / components; and (8) test equipment and tools.	Skilled			
	412.01 - Describe Aircraft Pressurization System and Components	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMA) the Trainee shall: a. Describe Aircraft Pressurization System / Components Operation and Construction, to include; (1) Environmental Requirements, (2) Pressurization, (3) Pressurization Systems, b. Describe Aircraft Pressurization System/Components Electrical Operation and Construction.	(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required, (4) Supervision.	Semi-Skilled			

	<p>412.02 - Describe Aircraft Air Conditioning, Heating and Cooling Systems and Related Components</p>	<p>In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMA) the Trainee shall: a. Describe Aircraft Air Conditioning, Heating and Cooling System/Components Operation and Construction, b. Describe Aircraft Air Conditioning, Heating and Cooling System/Components Electrical Operation and Construction.</p>	<p>(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required, (4) Supervision.</p>	<p>Skilled</p>			
	<p>412.03 - Describe Aircraft De-Ice/Anti-Ice Systems</p>	<p>In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMA) the Trainee shall: a. Describe Aircraft Anti-Ice/De-Ice System/Components Operation and Construction; b. Describe Aircraft Ice Detection System/Components Operation and Construction; c. Describe Aircraft Anti-Ice/De-Ice System/Components Electrical Operation and Construction.</p>	<p>(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required, (4) Supervision.</p>	<p>Skilled</p>			
	<p>412.04 - Describe Aircraft Galley and Lavatory Equipment</p>	<p>In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMA) the Trainee shall: a. Describe Aircraft Galley and Lavatory Equipment Operation and Construction; and b. Describe Aircraft Domestic Systems Servicing, Equipment Operation and Application.</p>	<p>(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required and, (4) Supervision.</p>	<p>Semi-Skilled</p>			

	<p>412.05 - Perform Maintenance on Aircraft Ancillary Systems</p>	<p>In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMA) the Trainee shall: a. Inspect, diagnose, remove/install and repair (when applicable) Aircraft Pressurization System Components; b. Inspect, diagnose, remove/install and repair (when applicable) Aircraft Air Conditioning ,Heating and Cooling System Components; and c. Inspect, diagnose, remove / install and repair (when applicable) Aircraft De Ice/ Anti-Ice System Components.</p>	<p>(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required, (4) Supervision, (5) Support equipment.</p>	<p>Semi-Skilled</p>			
<p>413 - Maintain Aircraft Fuel Systems</p>		<p>In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS); b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. visually inspecting aircraft fuel system and components for applicable maintenance action; d. troubleshooting by applying theory of system operation to diagnose faults; e. isolating faults in mechanical, hydraulic, or electrical components/ assemblies; f. rectifying system faults, g. performing fuel quantity indication functional checks (e.g. Barfield tester); h. raising independent check entries in the MRS-servicing set as required; i. raising weight and balance amendment entries in the MRS - Servicing Set as required; j. raising CF 349B support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; k. performing close out activities.</p>	<p>(1) approved references (e.g., CFTOs, unit MAP); (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable systems / components; and (8) test equipment and tools.</p>	<p>Skilled</p>	<p>In accordance with airworthiness directives, specific equipment manuals and references, either alone and/or in a first line team environment, while adhering to all safety precautions, quality system policies and procedures (i.e. AF 9000 Plus and HPMA), the QL3 AVN technician shall be capable of performing the following maintenance activities: a. reviewing the Maintenance Record Set (MRS); b. physically inspecting the aircraft to ensure it is safe prior to commencing the planned maintenance activity/activities; c. visually inspecting aircraft fuel system and components for applicable maintenance action; d. troubleshooting by applying theory of system operation to diagnose faults; e. isolating faults in mechanical, hydraulic, or electrical components/ assemblies; f. rectifying system faults, g. performing fuel quantity indication functional checks (e.g. Barfield tester); h. raising independent check entries in the MRS-servicing set as required; i. raising weight and balance amendment entries in the MRS - Servicing Set as required; j. raising CF 349B support work entries to capture other critical junctures and uncompleted work or uncompleted procedures prior to handing over the maintenance activity to another person, crew, team, or shift; k. performing close out activities.</p>	<p>(1) approved references (e.g., CFTOs, unit MAP); (2) applicable aircraft and equipment records; (3) assistance as required (e.g., for lifting, holding, signalling etc.); (4) facilities and support equipment; (5) PPE; (6) level A supervisor; (7) applicable systems / components; and (8) test equipment and tools.</p>	<p>Highly Skilled</p>

	413.01 - Service CF Aircraft Fuel Electro-Mechanical Systems	In accordance with the P-series, TR Series and type-specific CFTOs, the Trainee shall: a. Describe CF aircraft fuel cell system basic operation, b. Describe CF fuel system components, c. Describe preparation for tank maintenance, to include safety procedures; venting and intrinsically safe equipment, d. Describe fuel tank sealing methods, e. Describe functional tests of tank systems.	(1) Approved references IAW Para 4, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.	Skilled	In accordance with the P-series, TR Series and type-specific CFTOs, the Trainee shall: a. Describe CF aircraft fuel cell system basic operation, b. Describe CF fuel system components, c. Describe preparation for tank maintenance, to include safety procedures; venting and intrinsically safe equipment, d. Describe fuel tank sealing methods, e. Describe functional tests of tank systems.	(1) Approved references IAW Para 4, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.	Highly Skilled
	413.02 - Service Fuel Quantity Indication Systems	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMA) the Trainee shall: a. Describe the basic operating principles of capacitance style fuel qty indicating systems, b. Troubleshoot fuel qty indicating systems with GTF6 (or equivalent) test set, c. Conduct functional checks of fuel qty indicating system.	(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required, (4) Supervision.	Skilled	In accordance with Airworthiness Directives, specific equipment manuals and references, and while adhering to all safety precautions, quality system policies and procedures (AF9000 Plus and HPMA) the Trainee shall: a. Describe the basic operating principles of capacitance style fuel qty indicating systems, b. Troubleshoot fuel qty indicating systems with GTF6 (or equivalent) test set, c. Conduct functional checks of fuel qty indicating system.	(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Assistance as required, (4) Supervision.	Highly Skilled