

Assessment Specification Report

Job Profile: Technician
Prepared by: Administrator
Date: 2021-07-29

Generates list of assessments for all Training Objectives (Performance Objectives). In addition to displaying the assessment title and standard, the report presents the conditions, format of assessment, type of assessment, assessment duration, the performance and enabling objectives covered by the assessment, pass/fail criteria, along with references.

Assessment Number	Assessment Title	Assessment Programming	Format of Assessment (Theory / Practical)	Type of Assessment (Formative / Summative)	Assessment Duration [hours]	TOs Being Assessed	Pass/Fail Criteria	Reference
1	<p>407 - Maintain Aircraft Structures</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:</p> <p>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 unserviceabilities 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.</p>	<p>1. Where: CAF Training Facility</p> <p>2. When: Static or deployed, day or night, in all approved weather conditions.</p> <p>3. With What (Given): (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.</p> <p>4. With Whom: Supervisor</p>	Theory	Summative	1	<p>407 - Maintain Aircraft Structures</p> <p>407.01 - Describe Aircraft Structures</p> <p>407.02 - Perform Aircraft Structural Inspections</p>	80%	<p>CFITES Volume 1</p> <p>CFITES Volume 5</p> <p>700 Series Equipment Manufacturer Maintenance Guide</p>

2	<p>408 - Maintain Windows, Doors and 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 be capable of performing the following maintenance activities:</p> <p>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.</p>	<p>1. Where:</p> <p>CAF Training Facility</p> <p>2. When:</p> <p>Static or deployed, day or night, in all approved weather conditions.</p> <p>3. With What (Given):</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 components; and (8) test equipment and tools.</p> <p>4. With Whom:</p> <p>Supervisor</p>	Theory	Summative	1	<p>408 - Maintain Windows, Doors and Related Components</p> <p>408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their Related Components</p> <p>408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles</p> <p>408.03 - Maintain Aircraft Rain and Snow Removal Systems</p>	80%	<p>CFITES Volume 4</p> <p>700 Series Equipment Manufacturer Maintenance Guide</p>
---	---	---	--------	-----------	---	---	-----	---

3	<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:</p> <p>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 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.</p>	<p>1. Where:</p> <p>CAF Training Facility</p> <p>2. When:</p> <p>Static or deployed, day or night, in all approved weather conditions.</p> <p>3. With What (Given):</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>4. With Whom:</p> <p>Supervisor</p>	Theory	Summative	1	<p>409 - Maintain Aircraft Hydraulic Systems</p> <p>409.01 - Describe Characteristics and Safe Handling of Hydraulic Fluids</p> <p>409.02 - Describe Hydraulic Hardware and Components</p> <p>409.03 - Construct a Basic Hydraulic System (Built and Diagnose)</p>	80%	<p>CFITES Volume 4</p> <p>CFITES Volume 5</p> <p>700 Series Equipment Manufacturer Maintenance Guide</p>
---	---	---	--------	-----------	---	---	-----	--

4	<p>410 - Maintain Landing Gear 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, 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.</p>	<p>1. Where:</p> <p>CAF Training Facility</p> <p>2. When:</p> <p>Static or deployed, day or night, in all approved weather conditions.</p> <p>3. With What (Given):</p> <p>(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.</p> <p>4. With Whom:</p> <p>Supervisor</p>	Theory	Summative	1	<p>410 - Maintain Landing Gear Systems</p> <p>410.01 - Describe the Construction and Operation of the Landing Gear System and Its Components</p> <p>410.02 - Describe Brake and Anti-Skid Systems</p> <p>410.03 - Describe Wheel Assembly Maintenance Procedures</p> <p>410.04 - Perform Maintenance on the Main Landing Gear</p>	80%	<p>CFITES Volume 5</p> <p>700 Series Equipment Manufacturer Maintenance Guide</p>
---	---	--	--------	-----------	---	--	-----	---

5	<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. Where: CAF Training Facility</p> <p>2. When: Static or deployed, day or night, in all approved weather conditions.</p> <p>3. With What (Given): (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>4. With Whom: Supervisor</p>	Theory	Summative	1	<p>411 - Maintain Fixed-Wing Flight Control Systems</p> <p>411.01 - Describe the Fundamental Principles of Fixed Wing Flight</p> <p>411.02 - Service Flight Controls Systems</p>	80%	<p>700 Series Equipment Manufacturer Maintenance Guide</p> <p>CFITES Volume 4</p>
---	--	---	--------	-----------	---	---	-----	---

6	<p>412 - Maintain Aircraft Ancillary 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: 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.</p>	<p>1. Where: CAF Training Facility</p> <p>2. When: Static or deployed, day or night, in all approved weather conditions.</p> <p>3. With What (Given): (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>4. With Whom: Supervisor</p>	Theory	Summative	1	<p>412 - Maintain Aircraft Ancillary Systems</p> <p>412.01 - Describe Aircraft Pressurization System and Components</p> <p>412.02 - Describe Aircraft Air Conditioning, Heating and Cooling Systems and Related Components</p> <p>412.03 - Describe Aircraft De-Ice/Anti-Ice Systems</p> <p>412.04 - Describe Aircraft Galley and Lavatory Equipment</p> <p>412.05 - Perform Maintenance on Aircraft Ancillary Systems</p>	80%	<p>CFITES Volume 2</p> <p>CFITES Volume 3</p> <p>700 Series Equipment Manufacturer Maintenance Guide</p>
---	---	---	--------	-----------	---	---	-----	--

7	<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:</p> <p>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. barrfield 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. Where:</p> <p>CAF Training Facility</p> <p>2. When:</p> <p>Static or deployed, day or night, in all approved weather conditions.</p> <p>3. With What (Given):</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>4. With Whom:</p> <p>Supervisor</p>	Theory	Summative	1	<p>413 - Maintain Aircraft Fuel Systems</p> <p>413.01 - Service CF Aircraft Fuel Electro-Mechanical Systems</p> <p>413.02 - Service Fuel Quantity Indication Systems</p>	80%	<p>CFITES Volume 3</p> <p>CFITES Volume 4</p> <p>700 Series Equipment Manufacturer Maintenance Guide</p>
---	---	---	--------	-----------	---	---	-----	--