Job Task Report

Job Master Task List (MTL). Identifies all Tasks and Sub Tasks for a specific Job as well as Standards, Conditions and other key attributes including training requirement and priority.

Job Profile:	Technician
Prepared by:	BNH Director
Date:	September 2017

Task	Sub Tasks	Standards	Conditions	Triggering Action	Task Classification	Task Level of Proficiency	Personnel Safety	Task Training Requirement	Training Priority
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 (i.e. AF 9000 Plus and HPMA), 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 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.	(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. Static or deployed, day or night, in all approved weather conditions.		Individual	Skilled		Train	Not applicable
	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 technician shall: a. Describe Aircraft Primary and Secondary Structure Construction, b. Describe Aircraft Structure Types.	(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision. References for written exam.		Sub Task	Skilled		Train	High
	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 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. (1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision.		Sub Task	Skilled		Train	High
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 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. Static or deployed, day or night, in all approved weather conditions.		Individual	Skilled		Train	Not applicable

	408.01 - Maintain Aircraft Doors, Hatches, Ramp System and Their 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 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.	(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision. References for written exam.		Sub Task	Skilled		Train	High
	408.02 - Maintain Aircraft Windscreens, Windows, Domes and Bubbles	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 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.	(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision. References for written exam.		Sub Task	Skilled		No Train	Not applicable
	408.03 - Maintain Aircraft Rain and Snow Removal 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 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.	(1) Approved references IAW Para 3b, (2) Resources IAW Para 7, (3) Assistance as required, (4) Supervision. References for written exam.		Sub Task	Skilled		Train	Medium

409 - Maintain Aircraft Hydraulic 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 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 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.	(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. Static or deployed, day or night, in all approved weather conditions.		Individual	Highly Skilled		Train	Not applicable
	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. Assistance.		Sub Task	Skilled		Train	High
	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 different 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. Assistance.		Sub Task	Skilled		Train	Low
	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) 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.	(1) Approved references IAW para 4, (2) Resources IAW para 7, (3) Supervision. Assistance. LVSim Hydraulic Classroom, Standard Classroom.		Sub Task	Skilled		Train	Low