

System Tasks Classification Report

Project: 700 Series Aircraft
 Prepared by: Administrator
 Date: July 23, 2021

Generates report of a list of all system tasks and sub tasks for each system, including standards, conditions and task level proficiency, and quickly identifies common and unique tasks and sub tasks required by each variant for example.

| System Analysis | Reference Code | Tasks | Sub Tasks | Standards | Conditions | Triggering Action | Task Classification | Task Level of Proficiency | Personnel Safety | Aircraft | | |
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| | | | | | | | | | | 600 Series Aircraft | 700 Series Aircraft | 800 Series Aircraft |
| Flight Management Systems | | | | | | | | | | | | |
| | 610-10-00-00 | 610 Operate Flight Management Systems | | IAW references, and using established procedures, the course member shall: a. use appropriate flight management, guidance systems and automation, b. monitor and detect deviations from intended flight path, c. manage flight path safety, d. maintain the intended flight path, e. effectively monitor automation, including engagement and automatic mode transitions, f. selection appropriate level and mode of automation. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | 2 hours prior to take off | Individual | Skilled | Yes | x | x | |

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| | 600-10-01-00 | | 610.01 - Uses appropriate flight management, guidance systems and automation, as installed and applicable to the conditions | IAW references, and using established procedures, the course member shall: a. use appropriate flight management, guidance systems and automation, as installed and applicable to the conditions and make inferences about applicable orders and regulations | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | x | x | |
| | 610-10-02-00 | | 610.02 - Monitors and detects deviations from the intended flight path and takes appropriate action | IAW references, and using established procedures, the course member shall: a. Monitor and detect deviations from the intended flight path and b. Take appropriate action. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | | x | |
| | 610-10-03-00 | | 610.03 - Manages the flight path safely to achieve optimum operational performance | IAW references, and using established procedures, the course member shall: a. Manage the flight path safely, b. Optimize operational performance. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | | x | |
| | 610-10-04-00 | | 610.04 - Maintains the intended flight path during flight using automation while managing other tasks | IAW references, and using established procedures, the course member shall: a. maintain the intended flight path during flight using automation. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | x | x | |

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| | | | and distractions | | | | | | | | | |
| | 610-10-05-00 | | 610.05 - Effectively monitors automation, including engagement and automatic mode transitions | IAW references, and using established procedures, the course member shall: a. effectively monitor automation, including engagement and automatic mode transitions | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | | x | |
| | 610-10-06-00 | | 610.06 - Selects appropriate level and mode of automation in a timely manner considering phase of flight and workload | IAW references, and using established procedures, the course member shall: a. Select appropriate level and mode of automation in a timely manner. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | x | x | |

| Landing Gear | | | | | | | | | | | | |
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| | 410-10-00-00 | 410 - Maintain Landing Gear Systems | | <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</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>Maintenance inspection performed every two days, determines landing gear systems corrective maintenance is required.</p> | Individual | Skilled | No | x | x | |

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| | | | | 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. | | | | | | | | |
| | 410-10-01-00 | | 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 | (1) Approved references IAW Para 14. | | Sub Task | Skilled | No | | | x |

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| | | | | Operation and Construction; d. Describe AC Steering Systems Component and Operation. | | | | | | | | |
| | 410-10-02-00 | | 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. | | Sub Task | Skilled | No | | x | x |
| | 410-10-03-00 | | 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. | (1) Approved references IAW Para 14. | | Sub Task | Skilled | Yes | | x | x |

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| | | | | 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. | | | | | | | | |
| | 410-10-04-00 | | 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. | Assistance. | Sub Task | Skilled | Yes | | x | x |
| | | | | | Hangar Floor. | | | | | | | |

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| | 510-10-00-00 | 510 - Operate 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 pilot shall be capable of performing the following operation activities: a. inspect landing gear and components, within cockpit, b. describe landing gear components, switches, and control, c. Operate landing gear during takeoff and climb, d. Operate landing gear during approach and landing. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | 90 minutes prior to take off and landing | Individual | Skilled | Yes | | | x | x |
| | 510-10-01-00 | | 510.01 Inspect landing gear components within cockpit | 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. Inspect landing gear components within cockpit. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | | | x | x |

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| | 510-10-02-00 | | 510.02 Describe landing gear components, switches, and controls | 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. Describe landing gear components, switches, and controls. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | No | | | x | x |
| | 510-10-03-00 | | 510.03 Operate landing gear during takeoff and climb | 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. Operate landing gear during takeoff and climb. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | | | x | |
| | 510-10-04-00 | | 510.04 Operate landing gear during approach and landing | 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. Operate landing gear during approach and landing. | (1) Approved references; (2) applicable aircraft and equipment records; (3) assistance as required; (4) supervisor; and (5) applicable systems / components | | Individual | Skilled | Yes | | | x | |