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| **WK** | **M** | **TU** | **W** | **TH** | **F** | **Hours** |
| **1** | **March 31**Class IntroductionHistory/TheorySafety Video**Lab 01-05 Issued** | April 1Hydraulic fluids, seals and hoses**Q1 Safety** | 2Hydraulic linesConnections/fittings**Q2 Theory** | 3Hydraulic systemsTest review**Q3 Fluids** | 4No Class | 12.0/12.0 |
| **2** | 7Hydraulic systems**Test A2 B-TT1****Hydraulic Theory****Lab 01-05 Due** | 8Hydraulic filters**Lab 06-08 Issued** | 9Hydraulic Reservoirs**Q4 Systems and Lines** | 10Hydraulic pumps**Test Review****Q5 Filters and Reservoirs** | 11No Class | 12.0/24.0 |
| **3** | 14Flow Control valvesSelector valvesCheck valvesTest Review**Q6 Pumps** | 15Sequencing/PriorityValves**Test A2-TT2** **Reservoirs, Filters,****Pumps****Lab 06-08 Due** | 16Flow control valvesQuick disconnectsHydraulic fusesLab 09- | 17Pressure control and relief valvesPressure regulators | 18No Class | 12.0/36.0 |
| **4** | 21ActuatorsHydraulic motorsAccumulators**Q7 Flow control valves** | 22Hydraulic system projectsSymbols and schematics | 23Hydraulic system projectsSymbols and schematics**Symbol quiz 1** | 24Hydraulic system projectsSymbols and schematics**Symbol quiz 2** | 25No Class | 12.0/48.0 |
| **5** | 28Pneumatic systems pumps**Q8 Pressure control valves** | 29Pneumatic systemscheck, relief, and shuttle valves | 30Pneumatic systemsrestrictors, filters,dessicant, and moisture | May 1Pneumatic systems**Test Review****Q8.5 Pneumatic systems** | 2**No School** | 12.0/60.0 |
| **6** | 5Landing gear types and configurations**Test A2-B-TT3 Hydraulic components and pneumatic systems** | 6Landing gear components | 7Aircraft jacking and hoisting | 8Wheel AlignmentShimmy dampers**Q9 Landing gear** | 9No Class | 12.0/72.0 |
| **7** | 12Landing gear electric retraction systems | 13Landing gear hydraulic retraction systems | 14Shock struts components and operation**Q10 Retractable gear** | 15Shock strut servicingTest Review**Q11 Air/Oil struts** | 16No Class | 12.0/84.0 |
| **8** | 19Aircraft wheels**Test A2-A-TT1** | 20Wheel maintenanceInspection, bearings, and balance | 21Steering systems | 22Aircraft tire types and nomenclatureTire removal and installation | 23No Class | 12.0/96.0 |
| **9** | 26**No School** | 27Tire inspection and wear patternsTires | 28Aircraft brakes and brake system types and components**Q12 Wheels and tires** | 29Brake actuator systems, inspection and servicing/troubleshooting | 30No Class | 9.0/105 |
| **10** | **June** 2Anti-skid braking system operation and components | 4Anti-skid braking system operation and components | 5Position warning systems introduction**Test A2-A-TT2 Tire/Wheel/Brakes** | 6Stall warning and angle of attack indicators | 7No Class | 12/117 |
| **11** | 10Configuration warning systems. Take off/Landing/Mach speed, ect. | 11Engine indicating and crew alert systems**Q13 Position and warning systems** | 12Year end clean-upTest Review | 13Year end clean-up**Test A3-5-TT-3** | 14**No School** | 12/129 |