

| | | Employee Name | | | | | |
|--|--------------|---------------|----------|---------|-----------------|--|--|
| | | | | | | | |
| | | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Maintenance Manual | | | | | | | |
| Introduction | | | | | | | |
| List of Revisions | | | | | | | |
| List of Publications | | | | | | | |
| List of Chapters | | | | | | | |
| Chapter 4 Airworthiness Limitations | | | | | | | |
| a. Airworthiness Limitations | | | | | | | |
| b. Typical Inspection Time Limits | | | | | | | |
| c. Severe Inspection Time Limits | | | | | | | |
| d. Replacement Time Limits | | | | | | | |
| Chapter 5 Time Limits/Maintenance Checks | | | | | | | |
| a. Time Limits/Maintenance Checks | | | | | | | |
| b. Inspectioin Time Limits | | | | | | | |
| c. Component Time Limits | | | | | | | |
| d. Progressive Care Program | | | | | | | |
| e. Inspection Operations Review | | | | | | | |
| f. Supplemental Inspection Document | | | | | | | |
| g. Listing of Supplemental Inspections | | | | | | | |
| h. Scheduled Inspection Checks | | | | | | | |
| Corrosion Prevention and Control Program | | | | | | | |
| a. w/o TKS Anti-Ice System | | | | | | | |
| b. w/ TKS Anti-Ice System | | | | | | | |
| Appendix | | | | | | | |
| Unscheduled Maintenance Checks | | | | | | | |



| Alaska Air Carriers Association - Cessna Caravan Training Matrix | | | | | | | | |
|--|--------------|--------------|---------------|--------------------|-----------------|--|--|--|
| | | | Employee Name | | | | | |
| General Training | | | | | | | | |
| | Talk Through | Walk Through | Hands-on | Instructor Initial | Trainee Initial | | | |
| Chapter 6 Dimensions and Areas | | | | | | | | |
| a. Dimensions and Areas - General | | | | | | | | |
| b. Airplane Dimensions and Areas - Description and Op | | | | | | | | |
| c. Airplane Stations - Description and Operation | | | | | | | | |
| d Major Structural Members - Description and Operation | | | | | | | | |
| e. Airplane Zoning - Description and Operation | | | | | | | | |
| f. Access Plates and Panels ID - Description and Op | | | | | | | | |
| Chapter 7 Lifting and Shoring | | | | | | | | |
| a. Dimensions and Areas - General | | | | | | | | |
| b. Jacking - Maintenance Practices | | | | | | | | |
| c. Jacking w/ and w/o cargo pod | | | | | | | | |
| d. Alternate jacking w/ cargo pod | | | | | | | | |
| e. Emergency Lifting - Maintenance Practices | | | | | | | | |
| f. Shoring - Maintenance Practices | | | | | | | | |
| Chapter 8 Leveling and Weighing | | | | | | | | |
| a. Leveling and Weighing - General | | | | | | | | |
| b. Leveling - Maintenance Practices | | | | | | | | |
| Chapter 9 Towing and Taxiing | | | | | | | | |
| a. Towing and Taxiing - General | | | | | | | | |
| b. Towing - Maintenance Practices | | | | | | | | |
| c. Nose Gear Towing | | | | | | | | |
| d. Cold Weather Towing | | | | | | | | |
| | | | | | | | | |



| Alaska Air (| Carriers Association - Ce | essna Caravan Traini | ng Matrix | | |
|--|---------------------------|----------------------|------------------|--------------------|-----------------|
| | | | Employee Name_ | | |
| | | | Airframe and Pow | er Plant No | |
| General Training | Talk Through | Walk Through | Hands-on | Instructor Initial | Trainee Initial |
| Chapter 10 Parking and Mooring | | | | | |
| a. Parking, Mooring, Storage and Return to Service | | | | | |
| b. Parking - Maintenance Practices | | | | | |
| c. Cold Weather Parking Instructions | | | | | |
| d. Storage - Maintenance Practices | | | | | |
| e. Mooring - Maintenance Practices | | | | | |
| f. Temporary Stake Tie-Down Installation | | | | | |
| g. Long Term and Severe Weather Mooring | | | | | |
| e. Temporary Stake Tie-Down Installation | | | | | |
| f. Return to Service - Maintenance Practices | | | | | |
| g. Cold Soaked Airplane Return to Service | | | | | |
| Chapter 11 Placards and Markings | | | | | |
| Placards and Markings - InspectionCheck | | | | | |
| Chapter 12 Servicing | | | | | |
| Servicing - General | | | | | |
| Replenshing - Description and Operation | | | | | |
| a. Hydraulic Fluid - Servicing | | | | | |
| b. Hydraulic Brake System Servicing | | | | | |
| c. Nose Gear Shimmy Dampener Servicing | | | | | |
| d. Nose Gear Strut Servicing | | | | | |
| Fuel and Engine Oil - Description and Operation | | | | | |
| Fuel - Servicing | | | | | |
| a. Fuel Loading | | | | | |
| b. Checking Fuel in Wing Tank | | | | | |



| Alaska Air C | arriers Association - Ce | essna Caravan Traini | ng Matrix | | | |
|---|--------------------------|----------------------|------------------|--------------------|-----------------|--|
| | | | Employee Name | | | |
| | | | Airframe and Pov | ver Plant No | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Instructor Initial | Trainee Initial | |
| Chapter 12 Servicing Continued | | | | | | |
| c. Defueling and Purging | | | | | | |
| Engine Oil System - Servicing | | | | | | |
| a. Checking Engine Oil Level | | | | | | |
| b. Draining/Changing Engine Oil | | | | | | |
| c. Oil Filter Removal/Installation | | | | | | |
| Oxygen System - Servicing | | | | | | |
| a. Charging Oxygen System | | | | | | |
| Tires - Servicing | | | | | | |
| Flooded Lead-Acid Battery - Servicing | | | | | | |
| Sealed Lead-Acid Battery - Servicing | | | | | | |
| Ni-Cad Battery - Servicing | | | | | | |
| Vacuum System Central Air Filter - Servicing | | | | | | |
| Freon Air Conditioning - Servicing | | | | | | |
| a. System Evacuating | | | | | | |
| b. System Discharging/Charging | | | | | | |
| c. Check Compressor Oil w/ Compressor on Airplane | | | | | | |
| d. Functional Leak Check | | | | | | |
| R134A Air Conditioning - Servicing | | | | | | |
| a. Compressor Lubrication | | | | | | |
| b. System Evacuating | | | | | | |
| c. System Discharging/Charging | | | | | | |
| d. Check Compressor Oil w/ Compressor on Airplane | | | | | | |

e. Functional Leak Check



| | | Employee Name | | | | |
|--|--------------|---------------|------------|------------|-----------------|--|
| | | | r Plant No | | | |
| | | | | Instructor | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 12 Servicing Continued | | | | | | |
| Nose Gear Shock Strut - Servicing | | | | | | |
| Scheduled Servicing - Description and Operation | | | | | | |
| Lubricants - Description and Operation | | | | | | |
| Battery Receptacle - Servicing | | | | | | |
| Flight Controls - Servicing | | | | | | |
| Landing Gear - Servicing | | | | | | |
| Propellar (Hartzell) - Servicing | | | | | | |
| Engine Control Rod Ends - Servicing | | | | | | |
| External - Cleaning/Painting | | | | | | |
| Interior - Cleaning/Painting | | | | | | |
| Unscheduled Servicing - Description and Operation | | | | | | |
| a. Extreme Weather Maintenance | | | | | | |
| b. Ground Power Receptacle | | | | | | |
| Deicing/Anti-Icing - Description and Operation | | | | | | |
| Deicing/Anti-Icing - Servicing | | | | | | |
| a. Type I Deicing Preperations | | | | | | |
| b. Type II , Type III, and Type IV Anti-Ice Preperations | | | | | | |
| c. Deicing Procedures | | | | | | |
| d. Do an Anti-Ice Procedure on the Airplane | | | | | | |
| e. Post Application Checks | | | | | | |
| f. Post Flight Clean Up | | | | | | |
| g. Wheel Brake Deicing Procedure | | | | | | |
| h. Deicing Boot Cleaning | | | | | | |



| | | Employee Name Airframe and Power Plant No | | | | | |
|--|--------------|--|----------|---------|-----------------|--|--|
| | | | | | | | |
| | | Instructor | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 12 Servicing Continued | | | | | | | |
| i. Deicing Boot Preservation | | | | | | | |
| TKS Anti-Ice System - Sevicing | | | | | | | |
| a. Servicing | | | | | | | |
| b. TKS Deicing Porous Panel Care | | | | | | | |
| Chapter 20 - Standard Practices - Airframe | | | | | | | |
| Standrad Practices Airframe - General | | | | | | | |
| Material and Tool Cautions - Descriptions and Operations | | | | | | | |
| Torque Data - | | | | | | | |
| Maintenance Practices | | | | | | | |
| Safetying - Maintenance Practices | | | | | | | |
| Bearings - Removal/Installation | | | | | | | |
| Electical Bonding - Maintenance Practices | | | | | | | |
| Solvents/Sealants/Adhesives - Description and Operation | | | | | | | |
| General Solvents/Clearners - Maintenance Practices | | | | | | | |
| Fuel, Weather and High Temperature Sealing | | | | | | | |
| a. Sealant Curing | | | | | | | |
| b. Mixing of Sealants | | | | | | | |
| c. Cleaning | | | | | | | |
| d. Sealing Application | | | | | | | |
| e. Sealant Repair | | | | | | | |
| f. Integral Fuel Tank Sealant | | | | | | | |
| Adhesive and Solvent Bonding - Maintenance Practices | | | | | | | |
| Anaerobic Adhesives - Maintenance Practices | | | | | | | |



| | ilers Association - Ce | Employee Name Airframe and Power Plant No | | | | |
|---|------------------------|---|------------|---------|-----------------|--|
| | | | | | | |
| | | | Instructor | ctor | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 20 - Standard Practices - Airframe cont. | | | | | | |
| Adhesives, Cements and Sealants Shelf Life/Storage | | | | | | |
| Interior and Exterior Finish - Cleaning/Painting | | | | | | |
| Conversion Data - Description and Operation | | | | | | |
| Chapter 21 Air Conditioning | | | | | | |
| Air Conditioning - General | | | | | | |
| Distribution - Description and Operation | | | | | | |
| Fresh Air Distribution - Maintenance | | | | | | |
| a. Inlet Door Removal/Installation | | | | | | |
| b. Cabin Air Vent System Valves & Controls Removal/Instal | | | | | | |
| c. Cabin Air Outlet Valves Remova/Install (Model 208) | | | | | | |
| d. Cabin Air Outlet Valves Removal/Install (Model 208B) | | | | | | |
| e. Cabin Ventilation Fans and Switches Removal/Installation | | | | | | |
| (Model 208 and 208B Passenger) | | | | | | |
| Heating and Defrosting Air Dist - Descr and Operation | | | | | | |
| Heating and Defrosting Air Distribution - Troubleshooting | | | | | | |
| Heating and Defrosting Air Distribution - Maintenance | | | | | | |
| a. Deater Valve Removal/Installation | | | | | | |
| b. Defroster Valve Removal/Installation | | | | | | |
| c. Defroster Nozzle Removal/Installation | | | | | | |
| d. Return Air Duct Removal/Installation | | | | | | |
| Avionics Cooling - Description and Operation | | | | | | |
| Center Console Avionics Cooling - Removal/Installation | | | | | | |
| Compressor Bleed Air Heater - Descr and Operation | | | | | | |



| | | Employee Name | | | | |
|---|--------------|---------------|------------|---------|-----------------|--|
| | | | | | | |
| | | | Instructor | uctor | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 21 Air Conditioning continued | | | | | | |
| Compressor Bleed Air Heater - Troubleshooting | | | | | | |
| Compressor Bleed Air Heater - Maintenance Procedures | | | | | | |
| Compressor Bleed Air Heater Components | | | | | | |
| Removal/Installation | | | | | | |
| a. Individual Component Disassembly/Assembly | | | | | | |
| b. Component Cleaning/Servicing | | | | | | |
| c. Cabin Heat Functional Test (Acft s/n specific) | | | | | | |
| d. Heater Output Check | | | | | | |
| Cooling - Description and Operation | | | | | | |
| Air Conditioning System - Description and Operation | | | | | | |
| Freon Air Conditioning - Maintenance Practices | | | | | | |
| a. Compressor Removal/Installation | | | | | | |
| b. Compressor Drive Unit Removal/Installation | | | | | | |
| c. Compressor Drive Unit Disassembly/Assembly | | | | | | |
| g. Reciever/Dryer Removal/Installation | | | | | | |
| h. Pressure Switch Removal/Installation | | | | | | |
| i. Air conditioning Plumbing Removal/Installation | | | | | | |
| j. Wing-Mounted Evaporator Removal/Installation | | | | | | |
| k. Wing-Mounted Return Air Check Valve' | | | | | | |
| Removal/Installation | | | | | | |
| a. Forward Evaporator Return Air Grill | | | | | | |
| b. Tailcone Mounted Evaporator Remove/Installation | | | | | | |
| c. Aft Evap Disto & Return Air System Removal/Install | | | | | | |



| | | Employee Name | | | | | |
|---|--------------|-----------------------------|----------|---------|-----------------|--|--|
| | | Airframe and Power Plant No | | | | | |
| | | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 21 Air Conditioning continued | | | | | | | |
| d. System Operational Test | | | | | | | |
| e. Pressure Switch Functional Test | | | | | | | |
| Temperature Control - Description and Operation | | | | | | | |
| Chapter 22 Auto Flight | | | | | | | |
| Auto Flight - General | | | | | | | |
| KFC-225 Autopilot - Maintenance Practices | | | | | | | |
| a. Roll Servo Removal/Installation | | | | | | | |
| b. Pitch Servo Removal/Installation | | | | | | | |
| c. Yaw Servo Removal/Installation | | | | | | | |
| d. Pitch Trim Servo Removal.Installation | | | | | | | |
| e. Roll/Pitch/Yaw Servo Inspection | | | | | | | |
| f. Pitch Trim Servo Inspection | | | | | | | |
| g. Pitch Trim Rigging Inspection | | | | | | | |
| h. Servo Capstan Clutch Adjustment | | | | | | | |
| i. Set the Autopilot RollNut | | | | | | | |
| King KAP/KFC-150 Autopilot Computer - removal/install | | | | | | | |
| a. Autopilot Computer (Installed in the Center Console) | | | | | | | |
| Removal/Installation | | | | | | | |
| b. Autopilot Computer (Installed in the Radio Panel) | | | | | | | |
| Removal/Installation | | | | | | | |
| King KFC-225 Autopilot Computer - Remove/Install | | | | | | | |
| GFC 700 Autopilot - Maintenance Practices | | | | | | | |
| a. Roll servo Removal/Installation | | | | | | | |



| | | Airframe and Power Plant No | | | | |
|--|--------------|-----------------------------|------------|-----------|-----------------|--|
| | | | Instructor | nstructor | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 22 Auto Flight continued | | | | | | |
| b. Pitch Servo Removal/Installation | | | | | | |
| c. Yaw Servo Removal/Installation | | | | | | |
| d. Pitch Trim Servo Removal/Installation | | | | | | |
| e. Pitch Trim Rigging Inspection | | | | | | |
| f. Servo Capstan Clutch Adjustment | | | | | | |
| Chapter 23 Communications | | | | | | |
| Communication - General | | | | | | |
| Communication - Maintenenance Practices | | | | | | |
| a. Control Wheel Pushbutton Switch Remove/Install | | | | | | |
| b. Control Wheel Pushbutton Switch Button Cleaning | | | | | | |
| Flexcomm 1 Antenna - Removal /Installation | | | | | | |
| Passenger Address Headphone and Cockpit Speaker | | | | | | |
| Amplifier Removal/Installation | | | | | | |
| Garmin GMA 1347 Audio Panel Removal/Installation | | | | | | |
| a. Static Discharge - Removal/Installation | | | | | | |
| b. Discharger Base Removal/Installation | | | | | | |
| c. Static Discharger Inspection/Check | | | | | | |
| d. Electrical Bonding | | | | | | |
| L3 Communications FA2100 Cockpit Voice Recorder - | | | | | | |
| Description and Operation | | | | | | |
| L3 Communications FA2100 Cockpit Voice Recorder - | | | | | | |
| Maintenance Practices | | | | | | |
| a. FA 2100 Cockpit Voice Recorder Removal/Installation | | | | | | |



| | | Employee Name | | | | | |
|---|--------------|---------------|------------|---------|-----------------|--|--|
| Airframe and Power Pla | | | | | | | |
| | | | Instructor | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 23 Communications Continued | | | | | | | |
| b. Impact Switch Test | | | | | | | |
| c. Underwater Locator Device (ULD) Test | | | | | | | |
| d. FA2100 CVR Bulk Erase | | | | | | | |
| Chapter 24 - Electrical Power | | | | | | | |
| Electrical Power - General | | | | | | | |
| Electrical Power - Adjustment/Test | | | | | | | |
| a. Electrical System Adjustment/Test | | | | | | | |
| Direct Current Generation - Description and Operation | | | | | | | |
| Generator Control Unit - Maintenance Practices | | | | | | | |
| a. GCU Removal/Installation | | | | | | | |
| b. GCU Adjustment/Test | | | | | | | |
| Flooded Lead-Acid Battery - Troubleshooting | | | | | | | |
| Flooded Lead-Acid Battery - Maintenance Practices | | | | | | | |
| a. Removal and Installation | | | | | | | |
| Sealed Lead - Acid Battery - Maintenance Practices | | | | | | | |
| a. Removal and Installation | | | | | | | |
| Ni-Cad Battery - Description and Operation | | | | | | | |
| Ni-Cad Battery - Troubleshooting | | | | | | | |
| a. Ni-Cad Battery - Removal/Installation | | | | | | | |
| b. Ni-Cad Battery - Adjustment/Test | | | | | | | |
| c. Ni-Cad Battery - Cleaning/Painting | | | | | | | |
| Battery Overheat Warning - Description and Operation | | | | | | | |
| Battery Overheat Warning - Troubleshooting | | | | | | | |



| | | Employee Name Airframe and Power Plant No | | | | |
|---|--------------|---|----------|---------|------------------------|--|
| | | | | | | |
| | • | Instructor | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 24 - Electrical Power continued | | | | | | |
| Battery Overheat Warning - Maintenance Practices | | | | | | |
| a. Temperature Sensor Removal/Installation | | | | | | |
| b. Adjustment/Test | | | | | | |
| Standby Electrical System - Description and Operation | | | | | | |
| Standby Electrical System - Troubleshooting | | | | | | |
| Standby Electrical System - Maintenance Practices | | | | | | |
| a. Alternator Removal/Installation | | | | | | |
| b. Alternator Control Unit Removal/Installation | | | | | | |
| c. Relay Assembly Removal /Installation | | | | | | |
| d. Output Voltage Adjustment | | | | | | |
| Drive Pulley Assembly/Bearing Housing Inspection | | | | | | |
| Electrical Monitoring - Troubleshooting | | | | | | |
| Electrical Monitoring - Maintenance Practices | | | | | | |
| a. Volt-Ammeter Gage - Removal/installation | | | | | | |
| b. Selector Switch Removal/Installation | | | | | | |
| Battery Contactor - Maintenance Practices | | | | | | |
| a. Contactor Removal/Installation | | | | | | |
| 12-Volt DC Power Outlet System - Description and Op | | | | | | |
| 12-Volt DC Power Outlet System - Maint Practices | | | | | | |
| a. Power Outlet Removal/Installtion | | | | | | |
| b. Power converter Assembly Removal/Installation | | | | | | |
| c. 12VDC Power Outlet System Check | | | | | | |
| External Power - Troubleshooting | | | | | | |



| Alaska Ali Ca | Employee Name | | | | | | |
|--|---------------|--------------|-----------------------------|---------|-----------------|--|--|
| | | | Airframe and Power Plant No | | | | |
| | | Instru | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 24 - Electrical Power continued | | | | | | | |
| External Power - Maintenance Practices | | | | | | | |
| a. Components Removal/Installation | | | | | | | |
| b. Elec Power Box Fireproof Coating Inspection/Repair | | | | | | | |
| Electrical Distribution System - Maintenance Practices | | | | | | | |
| a. Circuit Breaker Removal/Installation | | | | | | | |
| b. Bus Bar Removal/installation | | | | | | | |
| c. Switch Removal/Installation | | | | | | | |
| Electrical Load Analysis -Description and Operation | | | | | | | |
| Chapter 25 - Equipment and Furnishings | | | | | | | |
| Equipment and Furnishings- General | | | | | | | |
| Flight complartment - Maintenance Practices | | | | | | | |
| a. Pilot and Optional Copilot Crew Seat Removal/Install | | | | | | | |
| b. Seat Belt/Shoulder Harness Removal/Install | | | | | | | |
| c. Sunvisors - Maintenance Practices | | | | | | | |
| d. Beverage Cup Holder - Maintenance Practices | | | | | | | |
| Passenger Seats - Maintenance Practices | | | | | | | |
| a. Utility Pass Seats & Restraint System Removal/Install | | | | | | | |
| b. Commuter Pass Seats & Restraint Sys Remove/Install | | | | | | | |
| c. Restraint System Removal and Installation | | | | | | | |
| d. 3-Place Bench Seat & Restraint Sys Remove/Install | | | | | | | |
| Cabin Upholstery - Maintenance Practices | | | | | | | |
| a. Upholstery - Removal/Installation | | | | | | | |
| Rear Compartment Wall - Maintenance Practices | | | | | | | |



| | | Employee Name Airframe and Power Plant No Instructor | | | | |
|--|--------------|--|----------|---------|-----------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 25 - Equipment and Furnishings Continued | | | | | | |
| a. Canvas Wall Removal/Installation | | | | | | |
| b. Padded Rear Wall Removal/Installation | | | | | | |
| Floor Covering/Control Column cover-Maintenance Pract. | | | | | | |
| a. Control Column Cover Removal/Installation | | | | | | |
| b. Floor Covering Removal/Installation | | | | | | |
| Cargo Compartment Components - Maintenance Pract. | | | | | | |
| a. Cargo Tie-Down Straps Removal/Installation | | | | | | |
| b. Cargo Barrier and Access Nets Removal/Install | | | | | | |
| c. Cargo Partition Nets Removal/Install | | | | | | |
| d. Cargo Door Restraint Net Removal/Install | | | | | | |
| Cargo Pod - Maintenance Practices | | | | | | |
| a. Cargo Pod Removal/Install | | | | | | |
| b. Cargo Pod Components Removal/Installation | | | | | | |
| c. Modification Flight without Cargo Pod | | | | | | |
| d. Reinstall Cargo Pod after Flight Without Pod | | | | | | |
| e. Cargo Pod - Approved Repairs | | | | | | |
| f. Cargo Pod Heat Sheilds - Maintenance Practices | | | | | | |
| g. Loading Zone Weight Limits - Cleaning Painting | | | | | | |
| Emergency Locator Transmitter - Description and Op | | | | | | |
| Emergency Locator Transmitter - Troubleshooting | | | | | | |
| Emergency Locator Transmitter - Maintenance Practices | | | | | | |
| a. Transmitter Removal/Installation | | | | | | |
| b. Panel Mounted Rocker Seitch Removal/Install | | | | | | |



| Alaska Ali C | | | | | | |
|---|--------------|-----------------------------|----------|---------|------------------------|--|
| | | Airframe and Power Plant No | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 25 - Equipment and Furnishings continued | | | | | | |
| c. Antenna Removal/Installation | | | | | | |
| d. Battery Pack Removal/Installation | | | | | | |
| e. Battery Locator Transmitter Test | | | | | | |
| Artex C406-2 ELT System - Description and Operation | | | | | | |
| Artex C406-2 ELT System - Maintenance Practices | | | | | | |
| a. ELT Removal/Installation | | | | | | |
| b. ELT Antenna Removal/Installation | | | | | | |
| c. ELT/NAV Interface Unit Removal/Installation | | | | | | |
| d. Mode S Program Module Removal/Install | | | | | | |
| Artex C406-2ELT System - Adjustment Test | | | | | | |
| a. Artex C406-2 ELT Functional Test | | | | | | |
| Artex C406 ELT System - Description and Operation | | | | | | |
| Artex C406 ELT System - Troubleshooting | | | | | | |
| Artex C406 ELT System - Maintenance Practices | | | | | | |
| a. ELT Removal/Installation | | | | | | |
| b. ELT Buzzer Removal/Installation | | | | | | |
| c. Remote Switch Removal/Installation | | | | | | |
| d. Elt Antenna Removal/Installation | | | | | | |
| e. ARTEX ME-406 ELT System - Inspection/Check | | | | | | |
| ARTEX C406-N ELT System - Description and Operation | | | | | | |
| ARTEX C406-N ELT System - Troubleshooting | | | | | | |
| ARTEX C-406-N ELT System - Maintenance Practices | | | | | | |
| a. ELT Removal/Installation | | | | | | |



| Employee Name | | | | | | |
|---|--------------|-----------------------------|----------|---------|------------------------|--|
| | | Airframe and Power Plant No | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 25 - Equipment and Furnishings continued | | | | | | |
| b. ELT Buzzer Removal/Installation | | | | | | |
| c. Remote Switch Removal/Installation | | | | | | |
| d. ELT Antenna Removal/Installation | | | | | | |
| ARTEX C-406-N ELT System - Inspection/Check | | | | | | |
| Soundproofing - Maintenance Practices | | | | | | |
| a. Soundproofing Damping Foam Panel removal/Install | | | | | | |
| b. Fiberglass Batting Removal/Install | | | | | | |
| c. Therma-Sil Removal/Install | | | | | | |
| Chapter 26 - Fire Protection | | | | | | |
| Fire Protection - General | | | | | | |
| Engine Fire Protection - Description and Operation | | | | | | |
| Engine Fire Protection - Troubleshooting | | | | | | |
| Engine Fire Detection System - Maintenance Pract | | | | | | |
| a. Control Box Removal/Installation | | | | | | |
| b. Alarm Assembly Removal/Installatino | | | | | | |
| Hand Fire Extinguisher - Description and Operations | | | | | | |
| Chapter 27 - Flight Controls | | | | | | |
| Flight Controls - General | | | | | | |
| Ailerson and Spoiler System - Description and Operation | | | | | | |
| Ailerson and Spoiler System - Troubleshooting | | | | | | |
| Ailerson and Control Column - Maintenance Practices | | | | | | |
| a. Control Column Removal/Installation | | | | | | |
| b. Control tube Assembly Bearing Removal/Install | | | | | | |



| | Employee Name | | | | | |
|--|---------------|-----------------------------|----------|---------|-----------------|--|
| | | Airframe and Power Plant No | | | | |
| | | Instructor | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 27 - Flight Controls Continued | | | | | | |
| c. Pulleys, Cables, and bellcranks Remove/Install | | | | | | |
| d. Rigging Aileron System | | | | | | |
| e. Friction Band Requirements | | | | | | |
| Aileron Trim System - Description and Operation | | | | | | |
| Aileron Trim System - Troubleshooting | | | | | | |
| Ailerson Trim System - Maintenance Practices | | | | | | |
| a. Aileron Trim System Removal/Installation | | | | | | |
| b. Aileron Trim System Rigging | | | | | | |
| c. Aileron Trim System Lubrication | | | | | | |
| d. Aileron Trim System Tab Free Play Inspection | | | | | | |
| e. Aileron Trim Tab Actuator Disassembly (p/n specific) | | | | | | |
| f. Inspection and Repair of Aileron Tri Tab Actuator | | | | | | |
| g. Lube & Assy of Aileron Trim Tab Actuator (p/n specific) | | | | | | |
| h. Inspection and rigging Procedures - Aileron Trim Tab | | | | | | |
| Actuator (p/n specific) | | | | | | |
| Aileron - Adjustment Test | | | | | | |
| a. Aileron Rigging - 400 | | | | | | |
| b. Aileron Friction Band - 400 | | | | | | |
| c. Slip Clutch Adjustment, Values and Capstan - King | | | | | | |
| d. Slip Clutch Torque Adjustment - King | | | | | | |
| e. Aileron Rigging - King | | | | | | |
| f. Friction Band - King | | | | | | |
| Rudder System - Description and Operation | | | | | | |



| | | Employee Name | | | | | |
|--|--------------|-----------------------------|----------|---------|------------------------|--|--|
| | | Airframe and Power Plant No | | | | | |
| | | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 27 - Flight Controls Continued | | | | | | | |
| Rudder System - Troubleshooting | | | | | | | |
| Rudder - Maintenance Practices | | | | | | | |
| a. Rudder Pedals, Pulleys, and Cables Remove/Install | | | | | | | |
| b. Rudder System Rigging | | | | | | | |
| Yaw Danper - Adjust/Test | | | | | | | |
| a. Yaw Damper Rigging | | | | | | | |
| Rudder Trim - Description and Operation | | | | | | | |
| Rudder Trim - Troubleshooting | | | | | | | |
| Rudder Trim maintenance Practices | | | | | | | |
| a. Rudder Trim System Removal/Install | | | | | | | |
| b. Rudder Trim System Rigging | | | | | | | |
| Elevator System - Description and Operation | | | | | | | |
| Elevator System - Troubleshooting | | | | | | | |
| Elevator - Maintenance Practices | | | | | | | |
| a. Elevator System Removal/Installation | | | | | | | |
| b. Elevator System Rigging | | | | | | | |
| c. Friction Band Check | | | | | | | |
| Elevator - Adjustment/Test | | | | | | | |
| a. Elevator Rigging (400) | | | | | | | |
| b. Elevator Friction Band (400) | | | | | | | |
| c. Slip Clutch Adjustment Valves and Capstan - King | | | | | | | |
| d. Slip Clutch Torque Adjustment - King | | | | | | | |
| e. Elevator Rigging - King | | | | | | | |



| | | Employee Name | | | | |
|--|--------------|--|----------|---------|-----------------|--|
| | | Airframe and Power Plant No Instructor | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 27 - Flight Controls Continued | | | | | | |
| f. Elevator Friction Band - King | | | | | | |
| Elevator Trim - Description and Operation | | | | | | |
| Elevator Trim - Troubleshooting | | | | | | |
| Elevator Trim - Maintenance Practices | | | | | | |
| a. Elevator Trim System Removal/Installation | | | | | | |
| b. Elevator Trim System Rigging | | | | | | |
| c. Elevator Trim Tab Free Play Inspection | | | | | | |
| d. Elevator Trim Tab Actuator Disassembly (p/n specific) | | | | | | |
| e. Elevator Trim Tab Actuator Inspection/Repair | | | | | | |
| f. Elevator Trim Tab Actuator Lube & Assy *p/n specific) | | | | | | |
| g. Elevator Trim Tab Actuator Inspect & Rig (p/n specific) | | | | | | |
| Electric Elevator Trim - Description and Operation | | | | | | |
| Electric Elevator Trim - Troubleshooting | | | | | | |
| Electric Elevator Trim - Maintenance Practices | | | | | | |
| a. Electric Elevator Trim System Removal/Instal | | | | | | |
| b. Electrc Elevator Trim System Operational Check | | | | | | |
| Electric Elevator Trim - Adjustment/Test | | | | | | |
| a. Elevator Trim Rigging - 400 | | | | | | |
| b. Elec Elevator Trim clutch Torque System check -400 | | | | | | |
| c. Elec Trim Rigging - 400 | | | | | | |
| Stall Warning System - Troubleshooting | | | | | | |
| Stall Warning System - Maintenance Practices | | | | | | |
| a. Stall Warning Detector Removal/Installation | | | | | | |



| | | Employee Name Airframe and Power Plant No | | | | |
|---|--------------|---|----------|---------|-----------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 27 - Flight Controls | | | | | | |
| b. Stall Warning Thermostat Removal/Installation | | | | | | |
| c. Stall Warning Horm Removal/Installation | | | | | | |
| d. Stall Warning Horm Disconnect Switch Removal/Install | | | | | | |
| (aircraft p/n specific) | | | | | | |
| e. Stall Warning Operational Check | | | | | | |
| f. Stall Warning Detector Adjust (aircraft s/n specific) | | | | | | |
| g. Lift Transducer Oeprational Check | | | | | | |
| h. Audio Alert Removal/Install - King | | | | | | |
| Flap System - Description and Operation | | | | | | |
| Flap System - Troubleshooting | | | | | | |
| Flap System - Maintenance Practices | | | | | | |
| a. Flap Actuator Worm Gear Assembly Removal/Install | | | | | | |
| b. Flap Transmission Removal/Install | | | | | | |
| c. Flap Control Lever and Pointer Removal/Install | | | | | | |
| d. Flap Switch Actuator Removal/Install | | | | | | |
| e. Flap Auctuator Tube Removal/Install | | | | | | |
| f. Flap Wing-to-Wing Interconnect Rod Assy Remove/Install | | | | | | |
| g. Flap Interconnect Rods Removal/Install | | | | | | |
| h. Flap Connecting Rods Remove/Install | | | | | | |
| i. Flap Pushrods Removal/Install | | | | | | |
| j. Flap Cables and Pulleys Removal/Install | | | | | | |
| k. Flap inboard Forward Bell Cranks Removal/install | | | | | | |
| I. Flap Inboard Aft Bell Cranks Remove/Install | | | | | | |



| | | Employee Name Airframe and Power Plant No | | | | |
|---|--------------|---|----------|---------|-----------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 27 - Flight Controls Continued | | | | | | |
| m. Flap Outboard Bell Cranks Removal/Install | | | | | | |
| n. Flap Actuator Removal/Install | | | | | | |
| o. Flap Switch Actuator Disassembly/Assembly | | | | | | |
| p. Standby Flap Motor Switches Remove/Install (aircraft s/n | | | | | | |
| specific) | | | | | | |
| q. Flap Switch Actuator and Standby Flap Motor | | | | | | |
| Adjustment/Test | | | | | | |
| r. Flap Switch Actuator Adjustment | | | | | | |
| s. Standby Flap Motor Operational Check | | | | | | |
| Flap Rigging Guide - Adjustment/Test | | | | | | |
| a. Pre-Rigging Component Inspection | | | | | | |
| b. Operation Check | | | | | | |
| c. Flap Rigging | | | | | | |
| Rudder Gustlock - Maintenance Practices (aircraft s/n | | | | | | |
| specific | | | | | | |
| a. Description and Operation | | | | | | |
| b. Rudder Gustlock Removal/Installation | | | | | | |
| c. Rudder Gustlock Rigging | | | | | | |
| d. Rudder Gustlock Inspection | | | | | | |
| Chapter 28 - Fuel | | | | | | |
| Fuel - General | | | | | | |
| Fuel System - Description and Operation | | | | | | |
| | | | | | | |



| | | Employee Name | | | | |
|---|--------------|---------------|--------------------|------------|-----------------|--|
| | | | Airframe and Power | Plant No | | |
| | | | | Instructor | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 28 - Fuels Continued | | | | | | |
| Fuel System - Troubleshooting | | | | | | |
| Fuel System - Maintenance Practices | | | | | | |
| a. Defueling | | | | | | |
| b. Fuel Bay Purging | | | | | | |
| Fuel Storage - Description and Operation | | | | | | |
| Fuel Tanks - Maintenance Practices | | | | | | |
| a. Fuel Drain Valve Removal/Installation | | | | | | |
| b. Fuel Drain Valve Popper Removal/Installation | | | | | | |
| c. Float-Type Fuel Quantity Transmitters and Low Fuel Level | | | | | | |
| Switches Removal/Install | | | | | | |
| d. CAN Bus Fuel Level Sensor Removal/Installation | | | | | | |
| e. Filter Adapter Removal/Installation | | | | | | |
| f. Filler Cap Leak Tet | | | | | | |
| g. Fuel Reservoir Tank and Wing Fuel Bay Primer Adhesion | | | | | | |
| Inspection and Repair | | | | | | |
| h. Wing Fuel Tank Primer Adhesion Inspection & Repair | | | | | | |
| i. Fuel Tanks - Adjustment/Test | | | | | | |
| j. Fuel Quantity System Calibration and Check Setup | | | | | | |
| (Airplanes with CAN bus type fuel level sensors) | | | | | | |
| k. Fuel Quantity System Calibration (Airplane with CAN bus | | | | | | |
| type fuel level sensors) | | | | | | |
| I. Fuel Quantity System Check (Airplanes with CAN bus type | | | | | | |
| fuel level sensors) | | | | | | |



| | | Employee Name Airframe and Power Plant No | | | | |
|--|--------------|--|----------|---------|-----------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 28 - Fuel Continued | | | | | | |
| m. Fuel Calibration Data Load | | | | | | |
| Fuel Tank Sealing - Maintenance Practices | | | | | | |
| a. Wing Sealing During Structural Repair | | | | | | |
| b. Integral Fuel Bay Test | | | | | | |
| Fuel Ventilation System - Maintenance Practices | | | | | | |
| a. Vent Lines and Valve Removal/Installation | | | | | | |
| b. Union, Tubes, and Cross Removal/Installation | | | | | | |
| c. Seals and Reservoir Vent Lines Removal/Installation | | | | | | |
| d. Fuel Vent Line Float Valve Test | | | | | | |
| Fuel Lines, Valves and Filters - Maintenance Practices | | | | | | |
| a. Screen and Fuel Shutoff Valve Removal/Installation | | | | | | |
| b. Lines and Filter Removal/Installation | | | | | | |
| c. Lines and Filter Removal/Installation (208B) | | | | | | |
| d. Firewall Mounted Fuel Filler Servicing | | | | | | |
| e. Fuel Filter Disassembly/Assembly | | | | | | |
| Fuel Reservoir - Maintenance Practices | | | | | | |
| a. Reservoir Components Removal/Installation | | | | | | |
| Fuel Selector Controls - Maintenance Practices | | | | | | |
| a. Fuel Selector Controls Removal/Installation | | | | | | |
| Indicating - Description and Operation | | | | | | |
| Fuel Quantity Indicating Systems - Maintenance Practices | | | | | | |
| a. Fuel Quantity Indicator Removal/Installation | | | | | | |
| b. Low Fuel Level Switch Removal/Installation | | | | | | |



| | | | Employee Name | | | |
|--|--------------|--------------|--------------------|---------|-----------------|--|
| | | | Airframe and Power | | | |
| | | | Instructor | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 28 - Fuel Continued | | | | | | |
| c. Reservoir Low Fuel Level Switch Removal/Installation | | | | | | |
| d. Wing and Reservoir Low Fuel Level Switches Test | | | | | | |
| e. Fuel Quantity Indication System Calibration | | | | | | |
| Fuel Selectors off Warning Systems - Mntc. Practices | | | | | | |
| a. Warning Homs Removal/Installation | | | | | | |
| b. Relay assembly Removal/Installation | | | | | | |
| c. Fuel Off Warning Switches Removal/Installation | | | | | | |
| d. Fuel Warning Switches Adjustment | | | | | | |
| e. Fuel Selector Off Warning System Check | | | | | | |
| Chapter 30 - Ice and Rain Protection | | | | | | |
| Ice and Rain Protection - General | | | | | | |
| Pneumatic Surface Deice - Description and Operation | | | | | | |
| Pneumatic Surface Deice - Troubleshooting | | | | | | |
| Pneumatic Surface Deice - Maintenance Practices | | | | | | |
| a. Preperation for Installation of Deice Boot | | | | | | |
| b. Preperation and Application of Fuel Barrier | | | | | | |
| c. Prepartion and Application of Bonding Material | | | | | | |
| d. Pneumatic Deice Boots Removal/Installation | | | | | | |
| e. Pneumatic Deice Flow Control Valve Removal/Installation | | | | | | |
| f. Pneumatic Deice Pressure Switches Removal/Installation | | | | | | |
| g. Pneumatic Deice Timer Remvoal/Installation | | | | | | |
| h. Bleed Air System Pressure Regulator Removal/Installation | | | | | | |
| i. Bleed Air Sys Pressure Regulator Discharge Pressure Check | | | | | | |



| | | Employee Name | | | | |
|--|--------------|---------------|----------|---------|-----------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 30 - Ice and Rain Continued | | | | | | |
| j. Pneumatic Deice System Adjustment/Test | | | | | | |
| k. Cleaning | | | | | | |
| l. Approved Repairs (Cold Patch) | | | | | | |
| m. Pneumatic Deice Boot Winterization Procedure | | | | | | |
| n. Pneumatic Flow Control Valves | | | | | | |
| Disassembly/Cleaning/Assembly Procedure | | | | | | |
| TKS Anti-Ice System - Description and Operation | | | | | | |
| G1000 Avionic & TKS Anti-Ice System-Troubleshooting | | | | | | |
| TKS Anti-Ice Fluid Tank - Maintenance Practices | | | | | | |
| a. TKS Anti-Ice Fluid Removal | | | | | | |
| b. TKS Anti-Ice Fluid Tank Removal/Installation | | | | | | |
| c. Filter Pack Removal/Installation | | | | | | |
| d. Metering Pump Removal/Installation | | | | | | |
| e. Windshield Pump Removal/Installation | | | | | | |
| f. Fluid Level Sender Removal/Installation | | | | | | |
| g. Low Level Switch Removal/Installation | | | | | | |
| h. High Pressure Switch Removal/Installation | | | | | | |
| I. Timer Box and/or Wire Bundle Removal/Installation | | | | | | |
| j. Solenoid Valve Removal/Installation | | | | | | |
| k. Check Valve Removal/Installation | | | | | | |
| I. Sight Glass Removal/Installation | | | | | | |
| m. Drain Valve Removal/Installation | | | | | | |
| n. Fluid Filler Removal/Installation | | | | | | |



| | | Employee Name | | | | |
|--|--------------|---------------|------------|---------|------------------------|--|
| | | | r Plant No | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 30 - Ice and Rain Continued | | | | | | |
| TKS Anti-Ice Fluid Tank Components - Adjustment/Test | | | | | | |
| a. TKS Anti-Ice Fluid Tank Component Test | | | | | | |
| b. TKS Anti-Ice Level Sender Calibration | | | | | | |
| TKS Anti-Ice Leading Edge Porous Panel Maint Practice | | | | | | |
| a. TKS Porous Panel Removal/Installation | | | | | | |
| b. TKS Porous Panel Sealant Procedure | | | | | | |
| TKS Anti-Ice Leading Edge Porous Panel - Adj/Test | | | | | | |
| a. Porous Panel Purge and Test | | | | | | |
| TKS Anti-Ice Fluid Distribution System - Maint Practices | | | | | | |
| a. TKS Propeller Proportioninig Unit Removal/Installation | | | | | | |
| b. TKS Wing Proportioning Unit Removal/Installation | | | | | | |
| c. TKS Stabilizer Proportioning Unit & Low Pressure Switch | | | | | | |
| (Tail Bracket Assembly) Removal/Installation | | | | | | |
| d. Nylon Tubing Repair/Replacement | | | | | | |
| Windshield Anti-Ice - Description and Operation | | | | | | |
| Windshield Anti-Ice - Troubleshooting | | | | | | |
| Windshield Anti-Ice - Maintenance Practices | | | | | | |
| a. Windshield Anti-Ice Panel and Attach Bracket | | | | | | |
| Removal/Installation | | | | | | |
| b. Windshield Anti-Ice Electrical Receptacle Cover | | | | | | |
| Removal/Installation | | | | | | |
| c. Windshield Anti-Ice Controller Removal/Installation | | | | | | |
| d. Windshield Anti-Ice Relay Removal/Installation | | | | | | |



| | | Employee Name | | | | | |
|---|--------------|-----------------------------|----------|---------|-----------------|--|--|
| | | Airframe and Power Plant No | | | | | |
| | | Instructor | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 30 - Ice and Rain Continued | | | | | | | |
| e. Approved Repairs | | | | | | | |
| TKS Anti-Ice Windshield Spray Bar - Maint Practices | | | | | | | |
| a. TKS Anti-Ice Windshield Spray Bar Removal/Install | | | | | | | |
| Propeller Anti-Ice -Description and Operation | | | | | | | |
| Propeller Anti-Ice - Troubleshooting | | | | | | | |
| Propellar Anti-Ice - Maintenance Practices | | | | | | | |
| a. Propeller Anti-Ice Boots (Hartzell) Removal/Installation | | | | | | | |
| b. Propeller Anti-Ice Boots (McCauley) Removal/Installation | | | | | | | |
| c. Slip Ring Assembly (Hartzell) Removal/Rework/Install | | | | | | | |
| d. Sling Ring Alignment Check (Hartzell) | | | | | | | |
| e. Sling Ring Run-Out Test (McCauley) | | | | | | | |
| f. Brush Length Inspection (Hartzell) | | | | | | | |
| g. Brush Length Inspection (McCauley) | | | | | | | |
| h. Brush Block Removal/Installation (Hartzell) | | | | | | | |
| i. Brush Block Removal/Installation (McCauley) | | | | | | | |
| j. Brush Block Assy to Slip Ring Alignment (Hartzell) | | | | | | | |
| k.Brush Block Assy to Slip Ring Alignment (McCauley) | | | | | | | |
| I. Brush Block/Slip Ring Cleaning | | | | | | | |
| m. Propeller Anti-Ice Timer Removal/Installation | | | | | | | |
| n. Propellar Anti-Ice Ammeter Removal/Installation | | | | | | | |
| TKS Anti-Ice Propellar (McCauley) Maint Practices | | | | | | | |
| a. Propellar TKS Anti-Ice Feed Shoes Removal/Installation | | | | | | | |
| b. Slinger Ring and Feed Nozzle Alignment Check | | | | | | | |



| | | Employee Name | | | | |
|---|--------------|---------------|------------|---------|-----------------|--|
| | | | | | | |
| | | | Instructor | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 30 - Ice and Rain Continued | | | | | | |
| c. Feed Tube to Propeller Blade Alignment Check | | | | | | |
| Winshield Ice Indicator Light - Maintenance Practices | | | | | | |
| a. Windshield Ice Indicator Light | | | | | | |
| Flight into Know Icing Conditions Equipment - Description | | | | | | |
| and Operation | | | | | | |
| Chapter 30 - Ice and Rain Continued | | | | | | |
| Indicating/Recording - General | | | | | | |
| Chapter 31 - Indicating/Recording Systems | | | | | | |
| Instrument and Control Panels - Maintenance Practices | | | | | | |
| a. Flight Control Panels Removal/Installation | | | | | | |
| b. Lower Left Switch Panel Removal/Installation | | | | | | |
| Hourmeter - Maintenance Practices | | | | | | |
| a. Hourmeter Removal/Installation | | | | | | |
| b. Hourmeter Switch Removal/Installation | | | | | | |
| Clock - Maintenance Practices | | | | | | |
| a. Standard Clock Removal/Installation | | | | | | |
| b. Optional (Astro Tech) Clock Removal/Installation | | | | | | |
| L3 COMM F1000 Flight Data Recorder Sys - Maint Practices | | | | | | |
| a. Flight Data Recorder Removal/Installation | | | | | | |
| b. Impact Switch (5G) Removal/Installation | | | | | | |
| c. Accelerometer Removal/Installation | | | | | | |
| d. Potentiometer Removal/Installation | | | | | | |
| e. FDR Buffer/Amp Removal/Installation | | | | | | |



| | | Employee Name | | | | |
|---|--------------|---------------|----------|---------|-----------------|--|
| | | | | | | |
| | | Instructor | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 31 - Indicating/Recording Systems - Continued | | | | | | |
| L3 COMM Flight Data Recorder - Adjustment/Test | | | | | | |
| a. Flight Data Recorder Operational Check | | | | | | |
| b. Underwater Locator Device (ULD) Test | | | | | | |
| Master Warning & Annunciator Panel - Description & | | | | | | |
| Operation | | | | | | |
| Master Warning & Annunciator Panel - Maint Practices | | | | | | |
| a. Annunciator Panel Removal/Installation | | | | | | |
| b. Annunciator Panel Lamp(s) Removal/Installation | | | | | | |
| c. Annunciator Indicator Light Lens Removal/Installation | | | | | | |
| d. Annunciator Indicator Light Housing Assy Removal/Install | | | | | | |
| e. Day/Night Switch Removal/Installation | | | | | | |
| f. Lamp Test Switch Removal/Installation | | | | | | |
| g. Fire Dectector Test Switch Removal/Installation | | | | | | |
| Chapter 32 - Landing Gear | | | | | | |
| Landing Gear - General | | | | | | |
| Main Landing Gear - Troubleshooting | | | | | | |
| Maing Landing Gear - Maintenance Practices | | | | | | |
| a. Main Gear Assembly Removal/Installation | | | | | | |
| b. Main Gear Spring Removal/Installation (w/o Cargo Pod) | | | | | | |
| c. Main Gear Spring Removal/Installation (w/ Cargo Pod) | | | | | | |
| d. Main Gear Fairing Removal/Install | | | | | | |
| e. Main Gear Axle Removal/Install | | | | | | |
| f. Main Landing Gear Spring Puller | | | | | | |



| | | Employee Name | | | | |
|---|--------------|---------------|----------|---------|-----------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 32 - Landing Gear - Continued | | | | | | |
| Main Landing Gear - Adjustment Test | | | | | | |
| a. Wheel Toe-In Check | | | | | | |
| b. Wheel Camber Check | | | | | | |
| Main Landing Gear - Inspection/Check | | | | | | |
| a. Visual Main Gear Inspection | | | | | | |
| b. Main Gear Spring Inspection and Repair | | | | | | |
| c. Center Spring and Main Gear Spring Interface Area | | | | | | |
| Inspection and Repair | | | | | | |
| Main Landing Gear - Cleaning/Painting | | | | | | |
| a. Refinishing High Stressed Steel Shot Peened Surface | | | | | | |
| b. Refinishing Steel, Alum & Magnesium Components | | | | | | |
| Main Gear Spring & Center Spring Interface - | | | | | | |
| Inspection/Check | | | | | | |
| Nose Landing Gear- Troubleshooting | | | | | | |
| Nose Landing Gear - Maintenance Practices | | | | | | |
| a. Drag Link Spring Removal/Installation | | | | | | |
| b. Drag link Spring Support Liner Removal/Installation | | | | | | |
| c. Nose Land Gear Drag Link Spring Inspection/Repair | | | | | | |
| d. Nose Wheel Grease Seal Bore & Cup Backing Bore Surface | | | | | | |
| Rework | | | | | | |
| e. Nose Gear Assembly Replacement Information | | | | | | |
| Nose Landing Gear - Inspection/Check | | | | | | |
| a. Nose Landing Gear and Fairings | | | | | | |



| | | Employee Name | | | | | |
|--|--------------|-----------------------------|----------|------------|-----------------|--|--|
| | | Airframe and Power Plant No | | | | | |
| | | | | Instructor | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 32 - Landing Gear Continued | | | | | | | |
| b. Grease Seal Bore & Cup Backing Bore Surfaces | | | | | | | |
| Nose Landing Gear - Cleaning/Painting | | | | | | | |
| a. Refinished High Stressed Steel Shot Peaned Surfaces | | | | | | | |
| b. Refinished Steel & Aluminum Components | | | | | | | |
| Nose Gear Shock Strut - Maintenance Practices | | | | | | | |
| a. Nose Gear Shock Strut Removal/Installation | | | | | | | |
| b. Nose Gear Shock Strut Disassembly/Assy (s/n specific) | | | | | | | |
| Shimmy Dampener - Maintenance Practices | | | | | | | |
| a. Shimmy Dampener Removal/Installation | | | | | | | |
| b. Shimmy Dampener Disassembly/Assembly | | | | | | | |
| Nose Gear Fairing - Maintenance Practices | | | | | | | |
| a. Nose Gear Fairing Removal/Installation | | | | | | | |
| Wheels & Brakes - Description & Operation | | | | | | | |
| Wheels & Brakes - Troubleshooting | | | | | | | |
| Wheels & Brakes - Maintenance Practices | | | | | | | |
| a. Brake System Bleeding | | | | | | | |
| b. Main Wheel & Tire Removal/Installation | | | | | | | |
| c. Main Wheel, Tire & Tube Disassembly/Reassembly | | | | | | | |
| d. Brake Backplate & Pressure Plate Removal/Installation | | | | | | | |
| e. Brake Caliper Removal/Installation | | | | | | | |
| f. Brake Caliper Disassembly/Reassembly | | | | | | | |
| g. New Brake Burn-In | | | | | | | |
| h. Nose Wheel Removal/Installation | | | | | | | |



| 7,100,100,711, 00. | ASSOCIATION - CE | | Employee Name | | | | |
|---|------------------|---------------|------------------------------|------------|-----------------|--|--|
| | | | Airframe and Power Plant No. | | | | |
| | | | All II allie allu Fowel | Instructor | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| | Taik Tillough | walk fillough | паниз-он | IIIICIAI | Trainee mitiai | | |
| Chapter 32 - Landing Gear Continued | | | | | | | |
| i. Nose Wheel Tire & Tube Disassembly/Reassembly | | | | | | | |
| j. Inspections & Checks | | | | | | | |
| Wheels & Brakes - Cleaning/Painting | | | | | | | |
| a. Wheel Preperation & Painting | | | | | | | |
| Wheels & Brakes - Approved Repairs | | | | | | | |
| a. Approved Repair Methods | | | | | | | |
| Brake Master Cylinder - Maintenance Practices | | | | | | | |
| a. Master Cylinder Removal/Installation | | | | | | | |
| b. Master Cylinder Disassembly/Reassembly | | | | | | | |
| Parking Brake Valve - Maintenance Practices | | | | | | | |
| a. Parking Brake Valve Removal/Installation | | | | | | | |
| Nose Gear Steering - Troubleshooting | | | | | | | |
| Nose Gear Steering - Maintenance Practices | | | | | | | |
| a. Nose Gear System Removal/Installation | | | | | | | |
| Chapter 33 - Lights | | | | | | | |
| Lights - General | | | | | | | |
| Flight Compartment Lighting - Description & Operation | | | | | | | |
| Flight Compartment Lighting - Maintenance Practices | | | | | | | |
| a. Rheostat Control Removal/Installation | | | | | | | |
| b. Transistorized Dimming Assembly Removal/Installation | | | | | | | |
| c. Instrument Panel Post Light Removal/Installation | | | | | | | |
| d. Overhead Console Floodlight Removal/Installation | | | | | | | |
| e. Overhead Console Post Light Removal/Installation | | | | | | | |



| | | Airframe and Power Plant No Instructor | | | | |
|--|--------------|--|----------|---------|-----------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 33 - Lights - Continued | | | | | | |
| f. Fuel Tank Selector & Oxygen Control Annunciator Light | | | | | | |
| Removal/Installation | | | | | | |
| g. Lower Instrument Panel Floodlight Removal/Installation | | | | | | |
| h. Lt. Sidewall Circuit Breaker Pnl Floodlight Rmv/Install | | | | | | |
| (Bottom Lt. Side of Instrument Panel Glaresheild) | | | | | | |
| i. Control Wheel Maplight Removal/Install | | | | | | |
| j. Cargo Dome Light Removal/Install | | | | | | |
| K. Outside Air Temp Gauge Post Light Removal/Install | | | | | | |
| Passenger/Cargo Compart Lighting - Descr. And Oper. | | | | | | |
| Passenger/Cargo Compart Lighting - Maint Practices | | | | | | |
| a. Passenger Reading Light Removal/Install (208) | | | | | | |
| b. Passenger Reading Light Switch Removal/Install (208) | | | | | | |
| c. Passenger Reading Light Removal/Install (208B) | | | | | | |
| d. Passenger Reading Light Switch Removal/Install (208B) | | | | | | |
| e. Passenger Reading Light Removal/Install (208B) | | | | | | |
| f. Passenger Reading Light Switch Removal/Install (208B) | | | | | | |
| g. No smoking/Fasten Seat Belt Annunciator Warning Panel | | | | | | |
| Removal/Installation | | | | | | |
| h. Cargo Entrance Door & Center Aisle Light | | | | | | |
| Removal/Installation | | | | | | |
| j. Passenger Entrance Door & Center Aisle Light | | | | | | |
| Removal/Installation | | | | | | |



| | | Employee Name | | | | |
|---|--------------|---------------|----------|---------|------------------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 33 - Lights Continued | | | | | | |
| k. Door Switch Removal/Installation | | | | | | |
| I. Timer Removal/Installation | | | | | | |
| m. Lower Instrument Panel Passenger Compartment Light | | | | | | |
| Switch Removal/Installation | | | | | | |
| Exterior Lighting - Description & Operation | | | | | | |
| Landing and Taxi Recognition Lights - Maint Practices | | | | | | |
| a. Landing and Taxi Recog Lights Removal/Installation | | | | | | |
| b. Landing and Taxi Recog Lights Adjustment/Test | | | | | | |
| Navigation Lights - Maintenance Practices | | | | | | |
| a. Stinger Navigation Light Removal/Installation | | | | | | |
| b. Wing Tip Navigation Light Removal/Installation | | | | | | |
| Anti-Collision Strobe Lights - Maintenance Practices | | | | | | |
| a. Flash Tube Removal/Installation | | | | | | |
| b. Power Pack Removal/Installation | | | | | | |
| Flashing Beacon - Maintenance Practices | | | | | | |
| a. Flashing Beacon Removal/Installation | | | | | | |
| b. Flasher Removal/Installation | | | | | | |
| c. Resistor Removal/Installation | | | | | | |
| Ice Detector Light - Maintenance Practices | | | | | | |
| a. Ice Detector Light Removal/Installation | | | | | | |
| Courtesy Lights - Maintenance Practices | | | | | | |
| a. Courtesy Lights Removal/Installation | | | | | | |
| b. Timer Removal/Installation | | | | | | |



| | | Employee Name | | | | |
|--|--------------------|---------------|----------|---------|-----------------|--|
| | Airframe and Power | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 33 - Lights Continued | | | | | | |
| External Light Switches - Maintenance Practices | | | | | | |
| a. External Ligth Switches Removal/Installation | | | | | | |
| Chapter 34 - Navigation | | | | | | |
| Navigation - General | | | | | | |
| Flight Enviromental Data - Description & Operation | | | | | | |
| Pitot/Static System - Description & Operation | | | | | | |
| Pitot/Static System - Troubleshooting | | | | | | |
| Pitot/Static System - Maintenance Practices | | | | | | |
| a. Pilot System Purging | | | | | | |
| b. Static System Purging | | | | | | |
| c. Pitot Assembly Removal/Installation | | | | | | |
| d. Pitot Tube Assembly Removal/Installation | | | | | | |
| e. Alternate Static Source Valve Assy Removal/Install | | | | | | |
| f. Static Source Drain Valve Removal/Install | | | | | | |
| g. Overspeed Pressure Switch Removal/Install | | | | | | |
| h. Icing Low Airspeed Awareness Pressure System (110 KIAS) | | | | | | |
| Switch Removal/Installation | | | | | | |
| i. Airspeed Warning Horn Removal/Installation | | | | | | |
| Pitot/Static System - Adjustment/Test | | | | | | |
| a. Overspeed Pressure Switch Operational Test | | | | | | |
| b. Icing Low Airspeed Awareness System (110 KIAS) | | | | | | |
| Operational Test | | | | | | |
| c. Pitot System Inspection & Leak Test | | | | | | |



| | Tiers Association - Ce | Employee Name | | | | |
|---|------------------------|---------------|----------|---------|------------------------|--|
| | | | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 34 - Navigation Continued | | | | | | |
| d. Static Pressure System Inspection & Leak Test | | | | | | |
| Outside Air Temperature Gauge - Maintenance Practices | | | | | | |
| a. Outside Air Temperature Gauge Removal/Installation | | | | | | |
| Vertical Speed Indicator - Troubleshooting | | | | | | |
| Vertical Speed Indicator - Maintenance Practices | | | | | | |
| a. Vertical Speed Indicator Removal/Installation | | | | | | |
| b. Vertical Speed Indicator Adjustment | | | | | | |
| True Airspeed Indicator - Troubleshooting | | | | | | |
| True Speed Indicator - Maintenance Practices | | | | | | |
| a. True Airspeed Indicator Removal/Installation | | | | | | |
| b. True Airspeed Indicator Adjustment | | | | | | |
| Altimeter - Maintenance Practices | | | | | | |
| a. Altimeter Removal/Installation | | | | | | |
| Encoding Altimeter (Type 5035 Series) - Desc & Oper | | | | | | |
| Encoding Altimeter (Type KEA-130A) - Desc & Oper | | | | | | |
| Encoding Altimeter (Type KEA-130A) - Maint Practice | | | | | | |
| Encoding Altimeter (Type EA-401A) - Desc & Oper | | | | | | |
| Encoding Altimeter (Type EA-801A) and Altitude Alerting | | | | | | |
| w/ Preselect - Description & Operation | | | | | | |
| Garmin GDC-74A Air Data Computer - Maint Practices | | | | | | |
| a. GDC-74A Air Data Computer Removal/Installation | | | | | | |
| Radar Altimeter (Type KRA-10A) - Description & Oper | | | | | | |
| Radar Altimeter (Type KRA-405B) - Description & Oper | | | | | | |



| Hers Association - Ce | essila Caravaii Iralilli | <u> </u> | | |
|-----------------------|--------------------------|-------------------|-------------------|-----------------|
| | | Employee Name | | |
| | | Airframe and Powe | r Plant No | |
| | | | | |
| Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | Airframe and Powe | Employee Name |



| | | | Employee Name | | |
|--|--------------|--------------|--------------------|------------|------------------------|
| | | | Airframe and Power | r Plant No | |
| | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 34 - Navigation Continued | | | | | |
| a. Stormscope Computer Removal & Installation | | | | | |
| b. WX1000/SKY 497 Display Unit Removal & Install | | | | | |
| c. Stormscope Antenna Removal & Install | | | | | |
| BF Goodrich Skywatch (SKY497) Traffic Advisory System - | | | | | |
| Description & Operation | | | | | |
| BF Goodrich Skywatch (SKY497) Traffic Advisory System - | | | | | |
| Removal/Installation | | | | | |
| a. TRC497 Transmit/Receiver/Comp Removal/Installation | | | | | |
| b. Stormscope/Skywatch Maintenance Switch | | | | | |
| Removal/Installation | | | | | |
| c. WX1000/SKY 497 Display Removal & Install | | | | | |
| d. Skywatch NY-164 Antenna Removal/Installation | | | | | |
| Garmin GWX-68 Weather Radar System - Descr & Op | | | | | |
| Garmin GWX-68 Weather Radar System - Maintenance Prac | | | | | |
| a. GWX-68 Weather Radar Removal/Installation | | | | | |
| Garmin GWX-68 Weather Radar Sys - Adjustment/Test | | | | | |
| a. Weather Radar Test | | | | | |
| Dependent Position Determining - Description & Operation | | | | | |
| KN-53 Navigation System - Description & Operation | | | | | |
| KN-53 VHF Navigation System - Description & Operation | | | | | |
| a. KN-53 Transceiver Removal/Installation | | | | | |
| b. KI-204 Nav Indicator Removal/Installation | | | | | |
| King KT-70 Transponder - Removal/Installation | | | | | |



| | | | Employee Name | | |
|--|--------------|--------------|---------------|---------|-----------------|
| | | | r Plant No. | | |
| | | <u>l</u> | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 34 - Navigation Continued | | | | | |
| Bendix/King KT -73 Mode-S Transponder Adjust/Test | | | | | |
| a. KT-73 Self Test | | | | | |
| b. KT-73 Transponder Operational Test | | | | | |
| Garmin GTX 327 Transponder - Maitenance Practices | | | | | |
| a. Garmin Transponder Removal/Installation | | | | | |
| b. Transponder Antenna w/o Cargo Pod Removal/Install | | | | | |
| c. Transponder Antenna w. Cargo Pod Removal/Install | | | | | |
| Garmin GTX 327 Transponder - Adjustment/Test | | | | | |
| a. Garmin GTX 327 Transponder Operational Test | | | | | |
| Garmin GTX 330 Transponder - Maintenance Practices | | | | | |
| a. Garmin Transponder Removal/Installation | | | | | |
| b. Transponder Antenna w/o Cargo Pod Removal/Install | | | | | |
| c. Transponder Antenna w/ Cargo Pod Removal/Install | | | | | |
| Garmin GTX 330 Transponder - Adjustment/Test | | | | | |
| a. Garmin GTX 330 Transponder Operational Test | | | | | |
| GTX-33 Transponder - Maintenance Practices | | | | | |
| a. GTX-33 Transponder Removal/Installation | | | | | |
| b. GTX 33 Diversity Transponder Removal/Installation | | | | | |
| c. Transponder Antenna w/o Cargo Pod Removal/Install | | | | | |
| d. Transponder Antenna w/ Cargo Pod Removal/Install | | | | | |
| GDL- 69A FIS - Description & Operation | | | | | |
| GDL- 69A FIS - Maintenance Practices | | | | | |
| a. GDL-69A XM Weather Data Link Removal/Install | | | | | |



| | | | Employee Name | | | |
|--|--------------|-----------------------------|---------------|---------|-----------------|--|
| | | Airframe and Power Plant No | | | | |
| | | | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 34 - Navigation Continued | | | | | | |
| Garmin Integrated Avionics Unit (GIA 63) Maint Practices | | | | | | |
| a. GIA 63 Intergrated Avionics Unit Removal/Installation | | | | | | |
| Garmin Display Unit (GDU) - Maintenance Practices | | | | | | |
| a. Garmin Display Unit Removal/Installation | | | | | | |
| Chapter 35 Oxygen | | | | | | |
| Oxygen - General | | | | | | |
| Oxygen System - Description & Operation | | | | | | |
| Oxygen System - Troubleshooting | | | | | | |
| Oxygen System - Maintenance Practices | | | | | | |
| a. Oxygen Cylinder-Regulator Removal/Install | | | | | | |
| b. Oxygen Cylinger-Regulator Inspection | | | | | | |
| Oxygen Filler Valve - Maintenance Practices | | | | | | |
| a. Oxygen Filler Valve Removal/Installation | | | | | | |
| High Pressure Oxygen Line & Outlet Valve Assembly - | | | | | | |
| Maintenance Practices | | | | | | |
| a. High Pressure Line Assembly Leak Check | | | | | | |
| b. High Pressure Line Assembly Removal/Installation | | | | | | |
| c . Capillary Line Removal/Installation | | | | | | |
| d. Inspection of High Pressure Oxygen Lines | | | | | | |
| e. Passenger Outlet Valve Assembly Removal/Install | | | | | | |
| f. Crew Outlet Valve Assembly Removal/Installation | | | | | | |
| g. Oxygen Outlet Valves Inspection/Test | | | | | | |
| h. Functional Test Oxygen System | | | | | | |



| | | | Employee Name | | | | |
|---|--------------|--------------|-------------------|------------|-----------------|--|--|
| | | | Airframe and Powe | r Plant No | | | |
| | · | | Instructor | | | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | | |
| Chapter 35 Oxygen Continued | | | | | | | |
| Oxygen Gauge - Maintenance Practices | | | | | | | |
| a. Oxygen Gauge Removal/Installation | | | | | | | |
| b. Inspection of Gauge | | | | | | | |
| Oxygen Masks - Maintenance Practices | | | | | | | |
| a. Oxygen Mask Inspection | | | | | | | |
| b. Oxygen Mask Cleaning | | | | | | | |
| Chapter 36 Pneumatic | | | | | | | |
| Pneumatic System - General | | | | | | | |
| Pneumatic System - Maintenance Practices | | | | | | | |
| a. Pressure Regulator Removal/Installation | | | | | | | |
| b. Pneumatic Distribution Line Removal/Installation | | | | | | | |
| c. Connection Shop Air to Pneumatic System | | | | | | | |
| d. Component Cleaning/Servicing | | | | | | | |
| e. Pressure Regulator Output Adjustment | | | | | | | |
| f. Pressure Regulator Functional Test | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



| | | | Employee Name | | |
|---|--------------|--------------|--------------------|------------|-----------------|
| | | | Airframe and Power | Plant No | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 37 - Vacuum | | | | | |
| Vacuum - General | | | | | |
| Vacuum System - Description & Operation | | | | | |
| Vacuum System - Troubleshooting | | | | | |
| Vacuum Distribution - Maintenance Practices | | | | | |
| a. Vacuum Ejector Removal/Installation | | | | | |
| b. Vacuum Relief Valve Removal/Installation | | | | | |
| c. Connecting Shop Air to Vacuum System | | | | | |
| d. Vaccum Relief Valve Adjustment | | | | | |
| Vacuum Indicating - Maintenance Practices | | | | | |
| a. Vacuum Low Warning Switch Removal/Install (208) | | | | | |
| b. Vacuum Low Warning Switch Removal/Install (208B) | | | | | |
| c. Suction Gauge Removal/Installation | | | | | |
| d. Horizon Gyro Removal/Installation | | | | | |
| e. Directional Gyro Removal/Installation | | | | | |
| | | | | | |
| Chapter 38 - Water/Waste | | | | | |
| Water/Waste - General | | | | | |
| Relief Tube - Maintenance Practices | | | | | |
| a. Relief Tube Assembly Removal/Installation | | | | | |
| b. Relief Tube Servicing & Cleaning | | | | | |
| | | | | | |



| Alaska Air Car | | | | | |
|--|--------------|--------------|-------------------|-------------|-----------------|
| | | | Employee Name | | |
| | | | Airframe and Powe | r Plant No. | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 51 - Standard Practices - Structures | | | | | |
| Structures - General | | | | | |
| Corrosion - Description & Operation | | | | | |
| Corrosion Severity Maps - Description & Operation | | | | | |
| Chapter 52 - Doors | | | | | |
| Doors - General | | | | | |
| Passenger & Crew Doors - Maintenance Practices | | | | | |
| a. Crew Door Removal/Installation | | | | | |
| b. Crew Door Latching Mechanism Removal/Install | | | | | |
| c. Crew Door Seats Installation | | | | | |
| Passenger Doors - Maintenance Practices | | | | | |
| a. Upper Passenger Door Removal/Installation | | | | | |
| b. Upper Passenger Door Latching Mechanism Removal/Instal | I | | | | |
| c. Lower Passenger Door Removal/Installation | | | | | |
| d. Passenger Door Step Disassembly/Assembly | | | | | |
| e. Passenger Entry Door Step Assembly Removal/Installation | | | | | |
| f. Lower Passenger Door Latching Mechanism | | | | | |
| Removal/Installation | | | | | |
| g. Upper & Lower Passenger Doors Adjustment/Test | | | | | |
| h. Gas Spring/Upper Door Test Procedure | | | | | |
| i. Passenger Door Seals Removal/Installation | | | | | |



| | | | Employee Name | | |
|--|--------------|--------------|--------------------|------------|-----------------|
| | | | Airframe and Power | Plant No | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 52 - Doors Continued | | | | | |
| j. Door Seal Cleaning | | | | | |
| Cargo Door - Maintenance Practices | | | | | |
| a. Upper Cargo Door Removal/Installation | | | | | |
| b.Upper Cargo Door Latching Mechanism Removal/Installation | า | | | | |
| c. Lower Cargo Door Removal/Installation | | | | | |
| d. Lower Cargo Door Latching Mechanism Removal/Install | | | | | |
| e. Upper & Lower Cargo Door Adjustment/Test | | | | | |
| f. Upper & Lower Cargo Door Adjustment/Test | | | | | |
| g. Gas Spring Cylinder Disposal | | | | | |
| h. Gas Spring/Upper Door Test Procedure | | | | | |
| In-Flight Movable (Roll-Up) Door - Maintenance Practices | | | | | |
| a. Upper & Lower Door Removal/Installation | | | | | |
| b. Upper & Lower Door Adjustment/Test | | | | | |
| c. Side-Mounted Drive Assembly Removal/Installation | | | | | |
| d. Bottom-Mounted Drive Assembly Removal/Installation | | | | | |
| e. Bottom-Mounted Drive Assembly Motor Removal/Install | | | | | |
| Air Deflector - Maintenance Practices | | | | | |
| a. Upper Cargo Door Removal/Installation | | | | | |
| b. Air Deflector Removal/Installation | | | | | |
| Crew Door Entrance Steps - Maintenance Practices | | | | | |
| a. Crew Door Step Assembly Removal/Installation | | | | | |



| Alaska Air Carı | riers Association - Ce | essna Caravan Training | Matrix | | |
|---|------------------------|------------------------|-------------------|------------|-----------------|
| | | | | | |
| | | | Employee Name | | |
| | | | Airframe and Powe | r Plant No | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 52 - Doors Continued | | | | | |
| b. Crew Door Step Disassembly/Assembly | | | | | |
| c. Safety Walk Replacement | | | | | |
| Door Warning - Troubleshooting | | | | | |
| Door Warning - Maintenance Practices | | | | | |
| a. Passenger & Cargo Door Warning Switches Adj/Test | | | | | |
| Chapter 53 - Fuselage | | | | | |
| Fuselage - General | | | | | |
| Fuselage - Description & Operation | | | | | |
| Carry-Thru Bulkhead Fittings - Maintenance Practices | | | | | |
| a. Bolt Replacement | | | | | |
| Floorboards & Access Plates - Maintenance Practices | | | | | |
| a. Floorboard Removal/Installation (Passenger Planes) | | | | | |
| b. Floorboard Removal/Installation (Cargo Airplane) | | | | | |
| c. Access Plate Removal/Installation (Passenger Plane) | | | | | |
| d. Access Plate Removal/Installation (Cargo & Optional 208B | | | | | |
| Passenger) | | | | | |
| Pedestal - Description & Operation | | | | | |
| Plate/Skin - Description & Operation | | | | | |
| Seat Rails - Maintenance Practices | | | | | |
| a. Flight Compartment Seat Rail Removal/Installation | | | | | |
| | | | | | |



| Alaska Air | Carriers Association - Ce | essna Caravan Training | Matrix | | |
|---|---------------------------|------------------------|-------------------|------------|------------------------|
| | | | | | |
| | | | Employee Name | | |
| | | | Airframe and Powe | r Plant No | |
| | • | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 53 - Fuselage Continued | | | | | |
| b. Passenger Seat Rail Removal/Installation | | | | | |
| Tail Stinger - Maintenance Practices | | | | | |
| a. Stinger Removal/Installation | | | | | |
| Chapter 55 - Stabilizers | | | | | |
| Stabilizers - General | | | | | |
| Horizontal Stabilizers - Removal/Installation | | | | | |
| a. Horizontal Stabilizers Removal/Installation | | | | | |
| Stabilizers Abrasion Boots - Removal/Installation | | | | | |
| a. Preperation & Application of Bonding Materials | | | | | |
| b. Stabilizer Abrasion Boots Removal/Install | | | | | |
| Elevator - Removal/Install | | | | | |
| a. Elevator Removal/Install | | | | | |
| b. Trim Tab Removal/Install | | | | | |
| Vertical Stabilizer - Removal/Install | | | | | |
| a. Vertical Stabilizier Removal/Install | | | | | |
| Rudder - Removal/Install | | | | | |
| a. Rudder Removal/Install | | | | | |
| Chapter 56 - Windows | | | | | |
| Windows - General | | | | | |
| | | | | | |



| Alaska Air C | arriers Association - Ce | sena Caravan Training | Matrix | | |
|---|--------------------------|-----------------------|--------------------|-------------|-----------------|
| AldSkd All C | arriers Association - Ce | ssna Caravan Training | IVIALITIX | | |
| | | | Employee Name | | |
| | | | Airframe and Power | · Plant No. | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 56 - Windows Continued | | | | | |
| Windshields & Windows - Description & Operation | | | | | |
| Windshields & Windows - Maintenance Practices | | | | | |
| a. Cleaning Instructions | | | | | |
| b. Windshield & Window Prevention Maintenance | | | | | |
| c. Winshield & Window Installation Techniques | | | | | |
| d. Window Plug Cleaning | | | | | |
| e. Window Rain Repellent | | | | | |
| Windshields & Windows - Inspection/Check | | | | | |
| a. Inspection Procedure w/ a 70-Degree Prism | | | | | |
| b. Procedure Using an AWR P-17 Prism | | | | | |
| Flight Compartment Windows - Removal/Installation | | | | | |
| a. Windshield Removal/Installation | | | | | |
| Cabin Windows - Removal/Installation | | | | | |
| a. Cabin Window Removal/Installation | | | | | |
| Window Plugs - Removal/Installation | | | | | |
| a. Window Plugs Removal/Installation | | | | | |
| b. Spring Clip Removal/Installation | | | | | |
| Door Windows - Removal/Installation | | | | | |
| a. Crew Door Window Removal/Installation | | | | | |
| b. Pitot's Vent Window Removal/Installation | | | | | |
| c. Cargo & Passenger Door Window Removal/Install | | | | | |



| rriers Association - Ce | ssna Caravan Trainir | ng Matrix | | |
|-------------------------|--------------------------|--|---------------|---|
| | | | | |
| | | | | |
| | | Airframe and Power | | |
| | | | | |
| Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | arriers Association - Ce | nrriers Association - Cessna Caravan Trainir | Employee Name | Employee Name Airframe and Power Plant No. Instructor |



| Alaska Air Car | riers Association - Co | essna Caravan Training | Matrix | | |
|--|------------------------|------------------------|--------------------|-------------|-----------------|
| 7 Hadika 7 Hi Gui | | | | | |
| | | | Employee Name | | |
| | | | Airframe and Power | r Plant No. | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 61 - Propellers | - | | | | |
| Propeller - General | | | | | |
| Propeller - Troubleshooting | | | | | |
| Propeller (Hartzell) - Description & Operation | | | | | |
| Propeller (Hartzell) - Maintenance Practices | | | | | |
| a. Propeller Removal/Installation | | | | | |
| b. Adjustment/Checks | | | | | |
| c. Dynamic Balancing (Hartzell) - Adjustment/Test | | | | | |
| Propeller (McCauley) - Description & Operation | | | | | |
| Propeller (McCauley) - Maintenance Practices | | | | | |
| a. Propeller Removal/Installation | | | | | |
| b. Adjustment/Checks | | | | | |
| c. Propeller Blade Damage | | | | | |
| d. Propeller Corrosion | | | | | |
| e. Propeller Grease or Oil Leakage | | | | | |
| f. Dynamic Balancing (McCauley) - Adjustment/Test | | | | | |
| Propeller Control - Maintenance Practices | | | | | |
| a. Propeller Governer Removal/Installation | | | | | |
| b. Propeller Overspeed Governer Removal/Installation | | | | | |
| c. Propeller Overspeed Governer Adjustment/Test | | | | | |
| Propeller Beta Indicating System - Description & Operation | | | | | |
| Propeller Beta Indicating System - Maintenance Practices | | | | | |
| a. Beta Switch Removal/Installation | | | | | |



| Alaska Air Ca | rriers Association - Ce | essna Caravan Training | Matrix | | |
|---|-------------------------|------------------------|-------------------|------------|------------------------|
| | | | | | |
| | | | Employee Name | | |
| | | | Airframe and Powe | r Plant No | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 61 - Propellers Continued | | | | | |
| b. Adjustment/Test | | | | | |
| Composite Propeller - Cleaning/Painting | | | | | |
| a. Composite Propeller Painting | | | | | |
| Chapter 71 - Power Plant | | | | | |
| PowerPlant - General | | | | | |
| PowerPlant - Description & Operation | | | | | |
| PowerPlant - Maintenance Practices | | | | | |
| a. Engine Removal/Installation | | | | | |
| Powerplant - Adjustment/Test | | | | | |
| Hot Section - Inspection Test | | | | | |
| a. Hot Section Inspection/Test | | | | | |
| Engine Cowling & Nose Cap - Maintenance Practices | | | | | |
| a. Upper Cowling Door Removal/Installation | | | | | |
| b. Rub Strip Removal/Installation | | | | | |
| c. Cowling Center Panel Removal/Installation | | | | | |
| d. Lower Cowl Panel Removal/Installation | | | | | |
| e. Nose Cap Removal/Installation | | | | | |
| Engine Mount - Maintenance Practices | | | | | |
| a. Engine Mount Truss Assembly Removal/Installation | | | | | |
| b. Engine Mount Elastomers Removal/Installation | | | | | |
| c. Eng Mnt Brkt to Eng Mnt Ring Bolt Removal/Installation | | | | | |



| Alaska Air Carr | views Associations Co | sana Caravan Trainin | a Matuis | | |
|--|------------------------|-----------------------|--------------------|-------------|-----------------|
| Alaska Air Cari | riers Association - Ce | essna Caravan Trainin | g iviatrix | 1 | |
| | | | Employee Name | | |
| | | | Airframe and Power | r Plant No. | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 71 - Power Plant Continued | | | | | |
| d. Engine Mount Bracket to Engine Bolt Removal/Installation | | | | | |
| Engine Equipment Attach Brackets - Maintenance Practices | | | | | |
| a. Power Control Cable Bracket Removal/Installation | | | | | |
| b. Propeller Control Cable Bracket Removal/Installation | | | | | |
| c. Fuel Condition Control Cable Bracket Removal/Installation | | | | | |
| d. Emergency Power Cable Bracket Removal/Installation | | | | | |
| d. Standby Alternator Adjuster Arm Assy/Mounting Bracket | | | | | |
| Assy Removal/Install (Aircraft Specific) | | | | | |
| Engine Wash Ring - Removal/Installation | | | | | |
| a. Engine Wash Ring Removal/Installation | | | | | |
| Compressor Blade Wash - Maintenance Practices | | | | | |
| a. Engine Motoring Wash | | | | | |
| Turbine Blade Wash - Maintenance Practices | | | | | |
| a. Turbine Blade Wash | | | | | |
| Electrical Wiring Harness - Maintenance Practices | | | | | |
| a. Wiring Harness Removal/Installation | | | | | |
| Inertial Air Seperator - Maintenance Practices | | | | | |
| a. Inertial Air Seperator Control Linkage Removal/Installation | | | | | |
| b Inertial Air Seperator Control Linkage Rigging | | | | | |
| Intertial Seperator Forward & AFT Vane Rivet - Inspection/C | k | | | | |
| a.Intertial Seperator Vans Insp for Loose or Missing Rivets | | | | | |
| Engine Drain Lines - Maintenance Practices | | | | | |



| Alaska Air Carr | sieve Association Co | sana Caravan Trainina | | | |
|--|------------------------|------------------------|--------------------|-------------|-----------------|
| Alaska Air Cari | riers Association - Ce | essna Caravan Training | iviatrix | I | |
| | | | Employee Name | | |
| | | | Airframe and Power | r Plant No. | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 71 - Power Plant Continued | | | | | |
| a. Engine Drain Lines Removal/Installation | | | | | |
| Chapter 73 - Engine Fuel & Control | | | | | |
| Engine Fuel & Control - General | | | | | |
| Fuel Distribution - Description & Operation | | | | | |
| Fuel Scavenge System - Maintenance Practices | | | | | |
| a. EPA Can Removal/Installation | | | | | |
| Fuel Pump - Inspection/Check | | | | | |
| a. Fuel Pump Inspection | | | | | |
| Fuel Flow Indicating - Troubleshooting | | | | | |
| Fuel Flow Indicating - Maintenance Practices | | | | | |
| a. Fuel Flow Indicator Removal/Installation | | | | | |
| b. Fuel Flow Transmitter Removal/Installation | | | | | |
| c. Conical Seal Installation (Fuel Transmitter Line Assy Leakage |) | | | | |
| Fuel Totalizer Indicating System - Troubleshooting | | | | | |
| Fuel Totalizer Indicating System - Maintenance Practices | | | | | |
| a. Signal Conditioner Removal/Installation | | | | | |
| b. Fuel Totalizer Removal/Installation | | | | | |
| Shadin Mini-Flow Fuel Totalizer - Description & Operation | | | | | |
| Shadin Mini-Flow Fuel Totalizer - Removal/Installation | | | | | |
| a. Shadin Mini Flow Fuel Totalizer Removal/Installation | | | | | |
| b. Signal Interface Removal/Installation | | | | | |



| Alaska Air Ca | rriers Association - Ce | essna Caravan Training | Matrix | | | |
|---|-------------------------|--------------------------|--------------------|------------|-----------------|--|
| Alaska Ali Ca | Hiters Association - Co | ssiia Caravaii Traiiiiig | IVIGUIA | | | |
| | | | Employee Name | | | |
| | | | Airframe and Power | Plant No. | | |
| | | | | Instructor | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 74 - Ignition | | | | | | |
| Ignition - General | | | | | | |
| Ignition Exciters - Maintenance Practices | | | | | | |
| a. Ignition Exciter Removal/Installation | | | | | | |
| Ignition Cables - Maintenance Practices | | | | | | |
| a. Ignition Cable Removal/Installation | | | | | | |
| Spark Igniters - Maintenance Practices | | | | | | |
| a. Spark Igniters Removal/Installation | | | | | | |
| b. Spark Igniter Cleaning | | | | | | |
| c. Spark Igniter Inspection | | | | | | |
| | | | | | | |
| Chapter 76 - Engine Controls | | | | | | |
| Engine Controls - Description & Operation | | | | | | |
| Quadrant Assembly & Controls - Maintenance Practices | | | | | | |
| a. Control Quandrant Removal/Installation | | | | | | |
| b. Power Control Cable Removal/Installation | | | | | | |
| c. Fuel Condition Control Cable Removal/Installation | | | | | | |
| d. Propeller Speed Control Cable Removal/Installation | | | | | | |
| e. Emergency Power Control Cable Removal/Install | | | | | | |
| f. Emergecy Power Lever Frangible/Shear Wire | | | | | | |
| Removal/Installation | | | | | | |
| Engine Control Rigging - Adjustment/Test | | | | | | |
| a. Emergency Power Control Annu Light Switch Adjust | | | | | | |



| Alaska Air Car | riers Association - Ce | essna Caravan Training | Matrix | | | |
|---|------------------------|------------------------|-------------------|------------|-----------------|--|
| | | | | | | |
| | | | Employee Name | | | |
| | | | Airframe and Powe | r Plant No | | |
| | | | | Instructor | or | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 76 - Engine Controls Continued | | | | | | |
| b. Emergency Power Control Rigging | | | | | | |
| c. Power Control Lever Reverse Gas Generator Ng P/U Adj. | | | | | | |
| d. Fuel Control Lower Idle Adjustment | | | | | | |
| e. Propeller Speed Control Lever Adjustment | | | | | | |
| f. Engine Operating Limits | | | | | | |
| PT6A-114/-144A Engine Rigging - Adjustment/Test | | | | | | |
| a. Rig Engine | | | | | | |
| | | | | | | |
| Chapter 77 - Engine Indicating | | | | | | |
| Engine Indicating - General | | | | | | |
| Wet Torque Indicating System - Description & Operation | | | | | | |
| Wet Torque Indicating System - Troubleshooting | | | | | | |
| Wet Torque Indicating System - Maintenance Practice | | | | | | |
| a. Torque Indicator Removal/Installation | | | | | | |
| b. Oil Seperator Breather Pad Removal/Installation | | | | | | |
| c. Torque Indicator Vent Line Leak Test | | | | | | |
| d. Torque Indicator Pressure Line Leak Test | | | | | | |
| e. Torque Indicator Functional Test | | | | | | |
| Electrical Torque Indicating System - Troubleshooting | | | | | | |
| Electrical Torque Indicating System - Maintenance Practices | | | | | | |
| a. Torque Indicator Removal/Installation | | | | | | |
| b. Torque Pressure Transmitter Removal/Installation | | | | | | |



| Alaska Air Car | riers Association - Co | essna Caravan Training | Matrix | | |
|--|------------------------|------------------------|--------------------|------------|-----------------|
| | | | | | |
| | | | Employee Name | | |
| | | | Airframe and Power | | |
| | | | _ | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 77 - Engine Indicating Continued | | | | | |
| c. Torque Transmitter Vent Line Leak Test | | | | | |
| d. Torque Transmitter Pressure Line Leak Test | | | | | |
| e. Torque Transmitter Functional Test | | | | | |
| f. Torque System Functional Test | | | | | |
| g. Electrical Torque System Calibration | | | | | |
| Propeller RPM Indicator - Troubleshooting | | | | | |
| Propeller RPM Indicator - Maintenance Practices | | | | | |
| a. Propeller RPM Indicator Removal /Installation | | | | | |
| b. Tach Generator Removal/Installation | | | | | |
| c. Propeller RPM Indicator Functional Check | | | | | |
| Gas Generator RPM Indicator - Maintenance Practices | | | | | |
| a. Gas Generator RPM Indicator Removal/Installation | | | | | |
| b. Tach Generator Removal/Installation | | | | | |
| c. Gas Generator RPM Indicator Functional Check | | | | | |
| Interturbine Temp Indicator - Maintenance Practices | | | | | |
| a. Interturbine Temp Indicator Removal/Installation | | | | | |
| Interturbine Temp Indicator - Adjustment/Test | | | | | |
| a. Interturbine Temperature Indicator Bench Test | | | | | |
| b. Interturbine Temperature Indicator Airplane Check | | | | | |
| c. Insulation Check | | | | | |
| Altair Engine Trend Monitoring - Description & Operation | | | | | |
| Engine Trend Monitoring System - Troubleshooting | | | | | |



| Alaska Air Carr | riers Association - Co | essna Caravan Training | Matrix | | |
|--|------------------------|------------------------|-------------------|------------|------------------------|
| | | 8 | | | |
| | | | Employee Name | | |
| | | | Airframe and Powe | r Plant No | |
| | | 1 | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 77 - Engine Indicating Continued | | | | | |
| Altair ADAS+ Engine Trend Monitoring System - Maint Prac | | | | | |
| a. Processor Removal/Installation | | | | | |
| b. Outside Air Temperature (OAT) Sensor Removal/Installation | 1 | | | | |
| c. Annunciator Removal/Installation | | | | | |
| d. Ice Vane Installation Removal/Installation | | | | | |
| e. Pitot & Static Transducers Removal/Installation | | | | | |
| Altair ADAS+ Engine Trend Monitoring System - Adj/Test | | | | | |
| a. ADAS+ Processor Test | | | | | |
| b. Pitot and Static Sensor Calibration Test | | | | | |
| c. Pitot and Static Sensors Calibrating Procedures | | | | | |
| d. OAT Sensor Calibration Test | | | | | |
| e. Torque Sensor Calibrating Procedures | | | | | |
| f. Discrete Switch Tests | | | | | |
| g. Live Data Sensor Test - Engine Ground Run | | | | | |
| Altair Engine Trend Monitoring Torque Transducer - | | | | | |
| Maintenance Practice | | | | | |
| a. Torque Transducer Removal/Installation | | | | | |
| Atair ADASd Engine Trend Monitoring - Descr & Operation | | | | | |
| a. Retrieving Data from ADASd Processor | | | | | |
| b. Uploading Data | | | | | |
| Altair ADASd Engine Trend Monitoring - Maint Practices | | | | | |
| a. Processor Removal/Installation | | | | | |



| Alaska Air Carı | riers Association - Ce | essna Caravan Training | Matrix | | |
|--|------------------------|------------------------|--------------------|------------|-----------------|
| | | | | | |
| | | | Employee Name | | |
| | | | Airframe and Power | Plant No | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 77 - Engine Indicating Continued | | | | | |
| Altair ADASd Engine Trend Monitoring System - Adj/Test | | | | | |
| a. ADASd Processor Test | | | | | |
| b. Live Data Sensor Test - Engine Off | | | | | |
| c. Live Data Sensor Test - Engine Ground Run | | | | | |
| GEA-71 Engine/Airframe Unit - Maitenance Practices | | | | | |
| a. GEA-71 Engine/Airframe Unit Removal/Installation | | | | | |
| Chapter 78 - Exhaust | | | | | |
| Exhaust - General | | | | | |
| Primary & Secondary Exhaust Duct - Maintenance Procedure | S | | | | |
| a. Primary Exhaust Duct Removal/Installation | | | | | |
| b. Secondary Exhaust Duct Removal/Install (w/o Cargo Pod) | | | | | |
| c. Primary Exhaust Duct Inspection | | | | | |
| d. Secondary Exhaust Duct Inspection | | | | | |
| e. Primary & Secondary Exhaust Duct Inspection & Alignment | | | | | |
| f. Field Installation of New Secondary Exhaust Duct | | | | | |
| | | | | | |
| Chapter 79 - Oil | | | | | |
| Oil- General | | | | | |
| Oil Distribution - Maintenance Practices | | | | | |
| a. Oil Cooler Removal/Installation | | | | | |
| b. Large Oil Cooler Removal/Installation | | | | | |



| Alaska Air Carri | ers Association - Co | essna Caravan Training | Matrix | | | |
|--|----------------------|------------------------|--------------------|------------|-----------------|--|
| | | | | | | |
| | | | Employee Name | | | |
| | | | Airframe and Power | Plant No | | |
| | | | | Instructor | | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial | |
| Chapter 79 - Oil Continued | | | | | | |
| c. Vernatherm Removal/Installation | | | | | | |
| d. Vernatherm Functional Test | | | | | | |
| Oil Indicating - Troubleshooting | | | | | | |
| Oil Indicating - Maintenance Practices | | | | | | |
| a. Oil Filler Cap & Dipstick | | | | | | |
| b. Oil Pressure/Oil Temperature Indicator Removal/Installation | | | | | | |
| c. Oil Temperature Bulb Removal/Installation | | | | | | |
| d. Oil Pressure Switch Removal/Installation | | | | | | |
| Oil Temperature Indicating System - Adjustment/Test | | | | | | |
| a. Oil Temperature Indicating System Test | | | | | | |
| Chip Dectectors - Maintenance Practices | | | | | | |
| a. Chip Detector Removal/Installation | | | | | | |
| b. Chip Detector Inspection/Check | | | | | | |
| c. Chip Detector Cleaning | | | | | | |
| d. Chip Detector Functional Test | | | | | | |
| | | | | | | |
| Chapter 80 - Starting | | | | | | |
| Starting - General | | | | | | |
| Starter/Generator - Description & Operation | | | | | | |
| Starter/Generator - Troubleshooting | | | | | | |
| Starter/Generator - Maintenance Practices | | | | | | |
| a. Starter/Generator Removal/Installation | | | | | | |



| Alaska Air Car | riers Association - C | — — essna Caravan Training | Matrix | | |
|---|--|--------------------------------------|-------------------|------------|-----------------|
| | | | | | |
| | | | Employee Name_ | | |
| | | | Airframe and Powe | r Plant No | |
| | | | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Chapter 80 - Starting Continued | | | | | |
| b. Starter/Generator Cleaning | | | | | |
| c. Starter/Generator Inspection and Checks | | | | | |
| Starter/Generator Brushes - Maintenance Practices (Lear | | | | | |
| Siegler/Lucas Aerospace Model 23081-023 Only) | | | | | |
| a. Brush Removal/Installation | | | | | |
| b. Brush Inspection/Check | | | | | |
| c. Starter/Generator Brush Seating and Run-In | | | | | |
| d. Course Brush Pre-Seating | | | | | |
| e. Final Brush Seating | | | | | |
| Starter/Generator Cooling Air Blast Tube - Maint Practice | | | | | |
| a. Blast Tube Removal/Installation | | | | | |
| 300 Amp Starter/Gen Cooling Air Duct - Maint Practice | | | | | |
| a. Cooling Air Duct Removal/Installation | | | | | |
| Caravan Inpsection Training | | | | | |
| Mini-Check | Individual is | S Authorized to Perform | n Inspection | | |
| Phase 1 | | s Authorized to Perform | • | | |
| Phase 2 | Individual is Authorized to Perform Inspection | | | | |
| Phase 3 | Individual is | s Authorized to Perform | n Inspection | | |
| Phase 4 | Individual is | s Authorized to Perform | n Inspection | | |
| Phase 5 | Individual is | s Authorized to Perform | n Inspection | | |
| Phase 6 | Individual is | s Authorized to Perform | n Inspection | | |



| Alaska Air (| Carriers Association - Ce | essna Caravan Training | Matrix | | T |
|---|---------------------------|--------------------------|---------------------|------------|-----------------|
| | | | Employee Name | | |
| | | | Airframe and Power | Plant No. | |
| | | <u>l</u> | | Instructor | |
| General Training | Talk Through | Walk Through | Hands-on | Initial | Trainee Initial |
| Caravan Inpsection Training Continued | | | | | |
| Phase 7 | Individual is | Authorized to Perform | Inspection | | |
| Phase 8 | Individual is | Authorized to Perform | Inspection | | |
| Phase 9 | Individual is | Authorized to Perform | Inspection | | |
| Phase 10 | Individual is | Authorized to Perform | Inspection | | |
| Phase 11 | Individual is | Authorized to Perform | Inspection | | |
| Phase 12 | Individual is | Authorized to Perform | Inspection | | |
| Taxi-Training | Individu | al is Authorized to Taxi | Aircraft | | |
| STCs and Special Inspections | Individual is | Authorized to Perform | Inspection | | |
| Pre and Post-Run Operations | Individual is Au | thorized to Conduct Pr | e and Post-Run | | |
| Phase Card Instruction and our Paperwork | Individual has been in | nstructed in the Phase (| Cards and Paperwork | | |
| Other Caravan Specific Training not Noted Elsewhere | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |