



HANDLE ASSY, KIT MAINTENANCE MANUAL SUPPLEMENT

MODELS: BELL 205, 212, 214B, 214B-1, 412, 412EP, 412CF

Read all of the maintenance manual supplement instructions
thoroughly prior to the inspection of this product



Introduction

The following information defines the instructions for continuing airworthiness, repair allowances and airworthiness limitations for the item(s) referenced within this document.

1. Scheduled inspection for the item(s) referenced within this document shall be accomplished in accordance with (IAW) the Inspection Procedures specified.
2. Repair allowances for the item(s) referenced within this document shall be accomplished IAW the Repair Procedures specified.
3. Refer to Alpine Aerotech LP Handle, Assy Kit Illustrated Parts Breakdown (AAL-290-055-201) for part numbers of replaceable items associated with this modification
4. Limitations for the item(s) referenced within this document are IAW the Airworthiness Limitations specified.
5. If changes to this document are required, Alpine Aerotech LP shall revise all pages and reissue the entire document.
6. Alpine Aerotech LP shall make any subsequent revisions of this document available free of charge upon request. Alpine Aerotech LP also recommends that the end user of this product verify the revision level of this document on a yearly basis.

Description

The following information provides a functional description of the Door Handle Assy, Kit as defined in Alpine Aerotech LP Master Data List AAL-290-054-001.

1. The Door Handle Assy, Kit (AAL-290-050-901) is comprised of four separate handles that attach to the LHS FWD (hinged) passenger door, the LHS AFT (sliding) passenger door, the RHS FWD (hinged) passenger door and the RHS AFT (sliding) passenger door.
2. The Door Handle, Assys are constructed of welded aluminum tubing and attach to the airframe using a combination of bolts, washers and nuts. Additionally, the FWD Door Handle Assys also utilize screws, doublers and spacers in their respective installations.
3. The FWD Door Handle, Assys are used as a handhold to assist in entering the aircraft through the open AFT (sliding) passenger door.
4. The AFT Door Handle, Assys are used to provide a robust handhold from which to open and close the sliding door.



Airworthiness Limitations

The Airworthiness Limitations section is approved by the Minister and specifies maintenance required by any applicable airworthiness or operating rule unless an alternative program has been approved by the Minister.

The Airworthiness Limitations section is FAA approved and specifies maintenance required under Sections 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

Supplement to applicable Maintenance Manual, Chapter 4, Airworthiness Limitations Schedule

Notes

1. Refer to the applicable Maintenance Manual, Chapter 4-3, for general information on airworthiness limitations and airworthiness limitation schedules.
2. Item(s) **not** listed in the Scheduled Airworthiness Limitations section within this document have an unlimited airworthiness life.

Scheduled Airworthiness Limitations

1. There are no airworthiness limitations associated with the item(s) referenced within this document.



Inspection Procedures

Supplement to applicable Maintenance Manual, Chapter 5, Inspection and Component Overhaul Schedule

Notes

1. Refer to the applicable Maintenance Manual, Chapters, for general information on inspections, inspection definitions, inspection intervals, inspection methods and inspection schedules.
2. General Inspections, as indicated within this document, are defined as visual, non-thorough checks.
3. Detailed Inspections, as indicated within this document, are defined as visual and thorough, searching checks.
4. Perform Daily Inspections every day, prior to flight operation. If damage is detected, perform the 600 Hour/12 Month Inspections.
5. Perform 600 Hour/12 Month Inspections every 600 hours or every 12 months, whichever occurs first, prior to flight operation. If damage is detected, refer to the Repair Procedures section within this document.

Scheduled Inspections

1. Daily Inspections
 - i. Perform a General Inspection on the Handle Assy Kit, Installation for general condition.
 - ii. Perform a General Inspection on the Handle Assy Kit, Installation for proper security.

Scheduled Inspections

2. 600 Hour/12 Month Inspections
 - i. Perform a Detailed Inspection on all materials and finishes in the Handle Assy Kit, Installation for evidence of corrosion, cracks and damage.
 - ii. Perform a Detailed Inspection on all materials and finishes in the Handle Assy Kit, Installation for proper integrity and condition.
 - iii. Perform a Detailed Inspection on Handle Assy Kit, Installation for proper security.



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- iv. Perform a Detailed Inspection on all hardware and fasteners in the Handle Assy Kit, Installation for proper security and torque.
 - v. Perform a Detailed Inspection on all gaskets in the Handle, Assy for proper security and general condition.



Repair Procedures

1. Repairs to the item(s) referenced within this document are **not** permitted. Contact Alpine Aerotech LP for further information if repairs are required to the item(s) referenced within this document.

Installation/Removal Procedures

1. Refer to Alpine Aerotech LP Handle, Assy Kit Installation/Removal Instructions (AAL-290-055-001) for additional information regarding this modification.