

TABLE OF CONTENTS

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-10-00/400 AILERON - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-10-00-000-801-A AILERON - REMOVAL | U | Oct 30/15 |
| 27-10-00-400-801-A AILERON - INSTALLATION | U | Oct 30/15 |
| 27-10-00/500 AILERON - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-10-00-700-801-A AILERON ADJUSTMENT AND CHECK | U | Oct 30/15 |
| 27-11-00/300 AILERON PRIMARY MECHANICAL CONTROL - SERVICING | U | Oct 30/15 |
| 27-11-00-600-801-A CONTROL WHEEL CHAIN - LUBRICATION | U | Oct 30/15 |
| 27-11-00/500 AILERON PRIMARY MECHANICAL CONTROL - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-11-00-700-801-A AILERON PRIMARY-MECHANICAL CONTROL BACKLASH - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-11-00/600 AILERON PRIMARY MECHANICAL CONTROL - INSPECTION/CHECK | U | Oct 30/15 |
| 27-11-00-200-801-A AILERON PRIMARY MECHANICAL CONTROL FROM CONTROL WHEEL TO AILERON PCAS CHECKING CABLES PULLEYS NRUS QUADRANTS DISCONNECT SYSTEM AND MECHANICAL LINKS - DETAILED VISUAL INSPECTION | R | Oct 29/18 |
| 27-11-01/400 AILERON CONTROL CABLES - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-01-000-801-A CONTROL CABLES - REMOVAL | U | Oct 31/17 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 1 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|---|----------------------------|--------------------------|
| 27-11-01-400-801-A CONTROL CABLES - INSTALLATION | U | Oct 31/17 |
| 27-11-01-000-802-A AUTOPILOT CONTROL CABLE - REMOVAL | U | Oct 30/15 |
| 27-11-01-400-802-A AUTOPILOT CONTROL CABLE - INSTALLATION | U | Oct 30/15 |
| 27-11-01/500 CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> AILERON CONTROL CABLES - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-11-01-700-801-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> TENSION OF AILERON CONTROL CABLES - FUNCTIONAL CHECK | U | Oct 31/17 |
| 27-11-01-700-802-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> TENSION OF THE AILERON AUTOPILOT-SERVO CABLES | U | Oct 30/15 |
| 27-11-01/500 CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> AILERON CONTROL CABLES - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-11-01-700-801-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> TENSION OF AILERON CONTROL CABLES - FUNCTIONAL CHECK | U | Oct 31/17 |
| 27-11-01-700-802-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> AILERON AUTOPILOT-SERVO CABLES TENSION - FUNCTIONAL CHECK AND ADJUSTMENT | U | Oct 30/15 |
| 27-11-03/400 TORQUE TUBE QUADRANTS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-03-000-801-A TORQUE TUBE QUADRANT - REMOVAL | U | Oct 30/15 |
| 27-11-03-400-801-A TORQUE TUBE QUADRANT - INSTALLATION | U | Oct 30/15 |
| 27-11-04/400 WING SECTORS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-04-000-801-A WING SECTOR - REMOVAL | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 2 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-11-04-400-801-A WING SECTOR - INSTALLATION | U | Oct 30/15 |
| 27-11-05/400 AILERON INTERMEDIARY SECTORS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-05-000-801-A INTERMEDIARY SECTOR - REMOVAL | U | Oct 31/17 |
| 27-11-05-400-801-A INTERMEDIARY SECTOR - INSTALLATION | U | Oct 31/17 |
| 27-11-06/400 ARTIFICIAL FEEL UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-06-000-801-A ARTIFICIAL FEEL UNIT - REMOVAL | U | Oct 30/15 |
| 27-11-06-400-801-A ARTIFICIAL FEEL UNIT - INSTALLATION | U | Oct 30/15 |
| 27-11-06/500 ARTIFICIAL FEEL UNIT - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-11-06-700-801-A ARTIFICIAL FEEL UNIT - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-11-07/400 AILERON NEUTRAL RECOVERY UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-07-000-801-A AILERON NEUTRAL RECOVERY UNIT - REMOVAL | U | Oct 30/15 |
| 27-11-07-400-801-A AILERON NEUTRAL RECOVERY UNIT - INSTALLATION | U | Oct 30/15 |
| 27-11-08/400 CONTROL YOKE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-08-000-801-A CONTROL YOKE - REMOVAL | U | Oct 30/15 |
| 27-11-08-400-801-A CONTROL YOKE - INSTALLATION | U | Oct 30/15 |
| 27-11-08/500 CONTROL YOKE - ADJUSTMENT/TEST | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 3 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-11-08-700-801-A ADJUSTMENT OF THE AILERON SECONDARY BACKSTOPS | U | Oct 30/15 |
| 27-11-08/800 CONTROL YOKE - REPAIR | U | Oct 30/15 |
| 27-11-08-300-801-A CONTROL YOKE - REPAIR | U | Oct 30/15 |
| 27-11-09/400 KNURLED ANTI-SLIP RUBBER STRIP - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-11-09-000-801-A KNURLED ANTI-SLIP RUBBER STRIP - REMOVAL | U | Oct 30/15 |
| 27-11-09-400-801-A KNURLED ANTI-SLIP RUBBER STRIP - INSTALLATION | U | Oct 30/15 |
| 27-12-00/500 CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> AILERON HYDRAULIC ACTUATION - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-12-00-700-801-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> AILERON HYDRAULIC ACTUATION - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-12-00-700-802-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> AILERON PCA HYDRAULIC DAMPING - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-12-00-700-803-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> EXTERNAL LEAKAGE OF AILERON HYDRAULIC ACTUATOR - FUNCTIONAL CHECK | U | Oct 31/17 |
| 27-12-00/500 CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> AILERON HYDRAULIC ACTUATION - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-12-00-700-801-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> AILERON HYDRAULIC ACTUATION - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-12-00-700-803-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> EXTERNAL LEAKAGE OF AILERON HYDRAULIC ACTUATOR - FUNCTIONAL CHECK | U | Oct 31/17 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 4 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|---|----------------------------|--------------------------|
| 27-12-01/400 AILERON ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-12-01-000-801-A AILERON POWER-CONTROL ACTUATOR (PCA) - REMOVAL | U | Oct 30/15 |
| 27-12-01-400-801-A AILERON POWER-CONTROL ACTUATOR (PCA) - INSTALLATION | U | Oct 30/15 |
| 27-12-01/500 <i>EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0062</i> AILERON ACTUATOR - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-12-01-700-801-A <i>EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0062</i> AILERON-ACTUATOR DAMPING COMPONENTS AND MONITORING DEVICES - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-12-01-700-802-A <i>EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0062</i> AILERON ACTUATOR FORCE FIGHT - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-12-01/600 AILERON ACTUATOR - INSPECTION/CHECK | U | Oct 30/15 |
| 27-12-01-200-801-A AILERON PCA HOSES - GENERAL VISUAL INSPECTION | U | Oct 30/15 |
| 27-12-01-200-802-A AILERON PCA ROD ENDS/FITTING LUGS FOR INTEGRITY AND GENERAL CONDITION - GENERAL VISUAL INSPECTION | U | Oct 30/15 |
| 27-12-02/400 MANIFOLD ASSEMBLY - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-12-02-000-801-A MANIFOLD - REMOVAL | U | Oct 30/15 |
| 27-12-02-400-801-A MANIFOLD - INSTALLATION | U | Oct 30/15 |
| 27-12-03/300 <i>EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0063 OR FAA/CTA- CERTIFIED AIRCRAFT</i> AILERON DAMPER - SERVICING | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 5 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|---|----------------------------|--------------------------|
| 27-12-03-870-801-A EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0063 OR FAA/ CTA-CERTIFIED AIRCRAFT AILERON DAMPER BLEEDING | U | Oct 30/15 |
| 27-12-03/400 EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0063 OR FAA/CTA- CERTIFIED AIRCRAFT AILERON DAMPER - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-12-03-000-801-A EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0063 OR FAA/ CTA-CERTIFIED AIRCRAFT AILERON DAMPER - REMOVAL | U | Oct 30/15 |
| 27-12-03-400-801-A EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0063 OR FAA/ CTA-CERTIFIED AIRCRAFT AILERON DAMPER - INSTALLATION | U | Oct 30/15 |
| 27-12-03-040-801-A EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0063 OR FAA/ CTA-CERTIFIED AIRCRAFT AILERON DAMPER - DEACTIVATION | R | Oct 29/18 |
| 27-12-03-440-801-A EFFECTIVITY: ON AIRCRAFT POST-MOD SB 145-27-0063 OR FAA/ CTA-CERTIFIED AIRCRAFT AILERON DAMPER - REACTIVATION | R | Oct 29/18 |
| 27-12-03/500 EFFECTIVITY: POST-MOD SB 145-27-0063 OR FAA/CTA-CERTIFIED AIRCRAFT AILERON DAMPER - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-12-03-700-801-A EFFECTIVITY: POST-MOD SB 145-27-0063 OR FAA/CTA-CERTIFIED AIRCRAFT AILERON-DAMPER DAMPING FORCE - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-12-03-700-802-A EFFECTIVITY: POST-MOD SB 145-27-0063 OR FAA/CTA-CERTIFIED AIRCRAFT EXTERNAL LEAKAGE OF THE AILERON DAMPER - FUNCTIONAL CHECK | U | Oct 30/15 |

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|---|----------------------------|--------------------------|
| 27-12-03/600 EFFECTIVITY: POST-MOD S.B. 145-27-0063 OR FA/CTA-CERTIFIED AIR- CRAFT AILERON DAMPER - INSPECTION/CHECK | U | Oct 30/15 |
| 27-12-03-200-801-A EFFECTIVITY: POST-MOD S.B. 145-27-0063 OR FA/CTA-CERTIFIED AIRCRAFT AILERON DAMPER ROD ENDS/FITTING LUGS - INSPECTION | U | Oct 30/15 |
| 27-12-04/400 AILERON ACTUATOR ROD ENDS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-12-04-000-801-A AILERON POWER-CONTROL ACTUATOR RODS - REMOVAL | U | Oct 30/15 |
| 27-12-04-400-801-A AILERON POWER-CONTROL ACTUATOR RODS - INSTALLATION | U | Oct 30/15 |
| 27-13-00/500 AILERON ELECTRICAL - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-13-00-700-801-A AILERON SOLENOID-MANIFOLD-SHUTOFF FUNCTION - OPERA- TIONAL CHECK | U | Oct 30/15 |
| 27-14-00/400 ROLL TRIM - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-14-00-000-801-A ROLL TRIM ACTUATOR - REMOVAL | U | Oct 30/15 |
| 27-14-00-400-801-A ROLL TRIM ACTUATOR - INSTALLATION | U | Oct 30/15 |
| 27-14-00/500 ROLL TRIM - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-14-00-700-801-A ROLL TRIM - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-14-01/300 EFFECTIVITY: ON ACFT WITH TRIM CONTROL PANEL P/N 145-34177-4XX OR P/N 145-21353-4XX ROLL TRIM SWITCH - SERVICING | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 7 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-14-01-640-801-A EFFECTIVITY: ON ACFT WITH TRIM CONTROL PANEL P/N 145-34177-4XX OR P/N 145-21353-4XX ROLL TRIM SWITCH - LUBRICATION | U | Oct 30/15 |
| 27-14-01/700 ROLL TRIM SWITCH - CLEANING/PAINTING | U | Oct 30/15 |
| 27-14-01-100-801-A ROLL TRIM SWITCH - CLEANING | U | Oct 30/15 |
| 27-15-00/400 AILERON DISCONNECTION - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-15-00-000-801-A AILERON DISCONNECT DEVICE - REMOVAL | U | Oct 30/15 |
| 27-15-00-400-801-A AILERON DISCONNECT DEVICE - INSTALLATION | U | Oct 30/15 |
| 27-15-00/500 AILERON DISCONNECTION - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-15-00-700-801-A OPERATIONAL CHECK OF THE AILERON DISCONNECT SYSTEM | U | Oct 30/15 |
| 27-15-01/400 AILERON ACTUATING KNOB AND PULL CABLE - REMOVAL/INSTAL- LATION | U | Oct 30/15 |
| 27-15-01-000-801-A ACTUATING KNOB AND PULL CABLE ASSEMBLY - REMOVAL | U | Oct 30/15 |
| 27-15-01-400-801-A ACTUATING KNOB AND PULL CABLE ASSEMBLY - INSTALLATION | U | Oct 30/15 |
| 27-15-02/300 AILERON DISCONNECT SYSTEM - SERVICING | U | Oct 30/15 |
| 27-15-02-600-801-A AILERON DISCONNECT SYSTEM - LUBRICATION | U | Oct 30/15 |
| 27-15-03/400 EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS AILERON LOAD CELL - REMOVAL/INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 8 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-15-03-000-801-A EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS AILERON LOAD CELL - REMOVAL | U | Oct 30/15 |
| 27-15-03-400-801-A EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS AILERON LOAD CELL - INSTALLATION | U | Oct 30/15 |
| 27-20-00/500 RUDDER - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-20-00-700-801-A ADJUSTMENT OF THE RUDDER NEUTRAL POSITION AND DEFLEC- TIONS OF RUDDER I AND RUDDER II | U | Apr 28/17 |
| 27-20-00-700-803-A RUDDER SECONDARY BACKSTOP - ADJUSTMENT | U | Oct 30/15 |
| 27-20-02/400 RUDDER II - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-20-02-000-801-A RUDDER II - REMOVAL | U | Oct 30/15 |
| 27-20-02-400-801-A RUDDER II - INSTALLATION | U | Oct 30/15 |
| 27-20-03/400 RUDDER I - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-20-03-000-801-A RUDDER I - REMOVAL | U | Oct 30/15 |
| 27-20-03-400-801-A RUDDER I - INSTALLATION | U | Oct 30/15 |
| 27-21-00/500 EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED) RUDDER PRIMARY MECHANICAL CONTROL - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-21-00-700-801-A EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED) RUDDER MOVABLE PRIMARY STOP MECHANISM - OPERATIONAL CHECK | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 9 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-21-01/400 RUDDER CONTROL CABLES - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-21-01-000-801-A RUDDER CONTROL CABLES - REMOVAL | U | Oct 31/17 |
| 27-21-01-400-801-A RUDDER CONTROL CABLES - INSTALLATION | U | Oct 31/17 |
| 27-21-01-000-802-A AUTOPILOT CONTROL CABLE - REMOVAL | U | Oct 30/15 |
| 27-21-01-400-802-A AUTOPILOT CONTROL CABLE - INSTALLATION | U | Oct 30/15 |
| 27-21-01/500 CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> RUDDER CONTROL CABLES - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-21-01-700-801-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> TENSION OF RUDDER CONTROL CABLES - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-21-01-700-802-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> TENSION OF RUDDER AUTOPILOT-SERVO CABLES - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-21-01/500 CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> RUDDER CONTROL CABLES - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-21-01-700-801-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> TENSION OF RUDDER CONTROL CABLES - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-21-01-700-802-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> TENSION OF RUDDER AUTOPILOT-SERVO CABLES - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-21-01/600 RUDDER CONTROL CABLES - INSPECTION/CHECK | U | Oct 30/15 |
| 27-21-01-200-801-A MECHANICAL LINKAGE IN THE AUTOPILOT TIE-IN - GENERAL VIS- UAL INSPECTION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 10 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-21-01-200-802-A MAIN CONTROL INPUT PATH - GENERAL VISUAL INSPECTION | U | Oct 30/15 |
| 27-21-01-200-803-A RUDDER CONTROL CABLES PULLEYS AND QUADRANTS- DE- TAILED VISUAL INSPECTION | R | Oct 29/18 |
| 27-21-02/600 RUDDER MAIN CONTROL FEEDBACK PATH - INSPECTION/CHECK | U | Oct 30/15 |
| 27-21-02-200-801-A RUDDER MAIN CONTROL FEEDBACK PATH PCU LINKAGE AND MOUNTING POINTS RUDDER ACTUATOR ATTACHMENTS HINGES AND CONNECTING RODS - DETAILED INSPECTION | U | Oct 31/16 |
| 27-21-03/400 RUDDER PEDALS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-21-03-000-801-A RUDDER PEDAL ASSEMBLY - REMOVAL | U | Oct 30/15 |
| 27-21-03-400-801-A RUDDER PEDAL ASSEMBLY - INSTALLATION | U | Oct 30/15 |
| 27-21-03-000-802-A RUDDER TORQUE TUBE - REMOVAL | U | Oct 30/15 |
| 27-21-03-400-802-A RUDDER PEDAL ASSEMBLY - INSTALLATION | U | Oct 30/15 |
| 27-21-03-040-801-A RUDDER PEDAL ASSEMBLY - DEACTIVATION | U | Oct 30/15 |
| 27-21-03-440-801-A RUDDER PEDAL ASSEMBLY - REACTIVATION | U | Oct 30/15 |
| 27-21-05/400 RUDDER FORWARD TORQUE TUBE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-21-05-000-801-A FORWARD TORQUE TUBE - REMOVAL | U | Oct 30/15 |
| 27-21-05-400-801-A FORWARD TORQUE TUBE - INSTALLATION | U | Oct 30/15 |
| 27-21-06/400 RUDDER REAR TORQUE TUBE - REMOVAL/INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 11 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-21-06-000-801-A REAR TORQUE TUBE - REMOVAL | U | Oct 30/15 |
| 27-21-06-400-801-A REAR TORQUE TUBE - INSTALLATION | U | Oct 30/15 |
| 27-21-07/400 RUDDER PEDAL ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-21-07-000-801-A PEDAL ACTUATOR - REMOVAL | U | Oct 30/15 |
| 27-21-07-400-801-A PEDAL ACTUATOR - INSTALLATION | U | Oct 30/15 |
| 27-21-08/200 RUDDER CONTROL ROD - MAINTENANCE PRACTICES | U | Oct 30/15 |
| 27-21-08-910-801-A RUDDER CONTROL RODS - DISASSEMBLY | U | Apr 28/17 |
| 27-21-08-910-802-A RUDDER CONTROL RODS - ASSEMBLY | U | Apr 28/17 |
| 27-21-08/400 RUDDER CONTROL ROD - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-21-08-000-801-A RUDDER-II CONTROL RODS - REMOVAL | U | Oct 31/17 |
| 27-21-08-400-801-A RUDDER-II CONTROL RODS - INSTALLATION | U | Apr 28/17 |
| 27-22-00/300 RUDDER HYDRAULIC ACTUATION - SERVICING | U | Oct 30/15 |
| 27-22-00-870-801-A RUDDER ACTUATOR BLEEDING | U | Oct 30/15 |
| 27-22-00/500 CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> RUDDER HYDRAULIC ACTUATION - ADJUSTMENT/TEST | U | Feb 16/16 |
| 27-22-00-700-801-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> RUDDER BACKLASH - FUNCTIONAL CHECK | U | Feb 16/16 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 12 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-22-00-700-802-A CONFIG-1 <i>EFFECTIVITY: JAA CERTIFIED-AIRCRAFT</i> RUDDER HYDRAULIC DAMPING - FUNCTIONAL CHECK | U | Feb 16/16 |
| 27-22-00/500 CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> RUDDER HYDRAULIC ACTUATION - ADJUSTMENT/TEST | U | Feb 16/16 |
| 27-22-00-700-801-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> RUDDER BACKLASH - FUNCTIONAL CHECK | U | Feb 16/16 |
| 27-22-00-700-802-A CONFIG-2 <i>EFFECTIVITY: JAA CERTIFIED-AIRCRAFT</i> RUDDER HYDRAULIC DAMPING - FUNCTIONAL CHECK | U | Feb 16/16 |
| 27-22-01/500 RUDDER DIFFERENTIAL PRESSURE - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-22-01-700-801-A RUDDER POWER CONTROL UNIT/ACTUATORS DIFFERENTIAL PRESSURE -FUNCTIONAL CHECK | U | Oct 31/17 |
| 27-22-02/400 RUDDER ACTUATORS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-22-02-000-801-A RUDDER ACTUATOR - REMOVAL | U | Oct 30/15 |
| 27-22-02-400-801-A RUDDER ACTUATOR - INSTALLATION | U | Oct 30/15 |
| 27-22-02/500 RUDDER ACTUATORS - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-22-02-700-801-A ADJUSTMENT OF THE RUDDER ACTUATORS | U | Oct 30/15 |
| 27-22-02-700-802-A CHECK OF THE RUDDER ACTUATORS FOR LEAKAGE | U | Oct 30/15 |
| 27-22-02/600 RUDDER ACTUATORS - INSPECTION/CHECK | U | Oct 30/15 |
| 27-22-02-200-801-A RUDDER ACTUATORS - GENERAL VISUAL INSPECTION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 13 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-22-03/400 RUDDER PCU - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-22-03-000-801-A RUDDER PCU - REMOVAL | U | Oct 30/15 |
| 27-22-03-400-801-A RUDDER PCU - INSTALLATION | U | Oct 30/15 |
| 27-22-03/500 RUDDER PCU - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-22-03-700-801-A CHECK OF THE RUDDER POWER CONTROL UNIT FOR LEAKAGE | U | Oct 30/15 |
| 27-22-04/400 <i>EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)</i> RUDDER STOP ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-22-04-000-801-A <i>EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)</i> STOP ACTUATOR - REMOVAL | U | Oct 30/15 |
| 27-22-04-400-801-A <i>EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)</i> STOP ACTUATOR - INSTALLATION | U | Oct 30/15 |
| 27-22-05/400 <i>EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)</i> RUDDER SOLENOID VALVE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-22-05-000-801-A <i>EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)</i> SOLENOID VALVE - REMOVAL | U | Oct 30/15 |
| 27-22-05-400-801-A <i>EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED)</i> SOLENOID VALVE - INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 14 of 39
Rev 55 - Oct 29/18

**PAGEBLOCK
TASK**

**REVISION
STATUS**

**REVISION
DATE**

[27-22-06/400](#)

U

Oct 30/15

EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015
OR FACTORY-MODIFIED)

RUDDER HYDRAULIC RESTRICTOR - REMOVAL/INSTALLATION

[27-22-06-000-801-A](#)

U

Oct 30/15

EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB
145-27-0015 OR FACTORY-MODIFIED)

HYDRAULIC RESTRICTOR - REMOVAL

[27-22-06-400-801-A](#)

U

Oct 30/15

EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB
145-27-0015 OR FACTORY-MODIFIED)

HYDRAULIC RESTRICTOR - INSTALLATION

[27-22-07/400](#)

U

Oct 30/15

RUDDER BLEED VALVE - REMOVAL/INSTALLATION

[27-22-07-000-801-A](#)

U

Oct 30/15

BLEED VALVE - REMOVAL

[27-22-07-400-801-A](#)

U

Oct 30/15

BLEED VALVE - INSTALLATION

[27-23-00/500](#)

U

Oct 30/15

RUDDER - ELECTRICAL - ADJUSTMENT/TEST

[27-23-00-700-803-A](#)

U

Oct 30/15

ALERTING FUNCTION OF THE RUDDER MOVABLE PRIMARY STOP
- OPERATIONAL CHECK

[27-23-00-700-804-A](#)

U

Oct 30/15

RUDDER SYSTEM - OPERATIONAL CHECK

[27-23-04/400](#)

U

Oct 30/15

RUDDER PRESSURE SWITCH - REMOVAL/INSTALLATION

[27-23-04-000-801-A](#)

U

Oct 30/15

PRESSURE SWITCH - REMOVAL

[27-23-04-400-801-A](#)

U

Oct 30/15

PRESSURE SWITCH - INSTALLATION

[27-23-08/400](#)

U

Oct 30/15

EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015
OR FACTORY-MODIFIED)

RUDDER STOP MICROSWITCH - REMOVAL/INSTALLATION

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 15 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|---|----------------------------|--------------------------|
| 27-23-08-000-801-A EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED) STOP MICROSWITCH - REMOVAL | U | Oct 30/15 |
| 27-23-08-400-801-A EFFECTIVITY: JAA-CERTIFIED AIRCRAFT (POST-MOD SB 145-27-0015 OR FACTORY-MODIFIED) STOP MICROSWITCH - INSTALLATION | U | Oct 30/15 |
| 27-24-00/400 YAW TRIM ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-24-00-000-801-A RUDDER YAW TRIM - REMOVAL | U | Oct 30/15 |
| 27-24-00-400-801-A RUDDER YAW TRIM - INSTALLATION | U | Oct 30/15 |
| 27-24-00/500 YAW TRIM ACTUATOR - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-24-00-700-801-A YAW TRIM - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-25-00/500 RUDDER MANUAL AND AUTO SHUTOFF - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-25-00-700-801-A RUDDER PEDALS AUTOSHUTOFF AND RUDDER MANUAL SHUT- OFF FUNCTIONS- OPERATIONAL CHECK | R | Oct 29/18 |
| 27-25-01/400 SPRING-LOADED CARTRIDGE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-25-01-000-801-A SPRING-LOADED CARTRIDGE - REMOVAL | U | Oct 30/15 |
| 27-25-01-400-801-A SPRING-LOADED CARTRIDGE - INSTALLATION | U | Oct 30/15 |
| 27-25-02/400 RUDDER POSITION MICROSWITCHES - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-25-02-000-801-A RUDDER POSITION MICROSWITCHES - REMOVAL | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 16 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|---|----------------------------|--------------------------|
| 27-25-02-400-801-A RUDDER POSITION MICROSWITCHES - INSTALLATION | U | Oct 30/15 |
| 27-25-02/500 RUDDER POSITION MICROSWITCHES - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-25-02-700-801-A RUDDER POSITION MICROSWITCHES - ADJUSTMENT/TEST | U | Oct 31/16 |
| 27-25-03/400 RUDDER-POSITION MICROSWITCH HOLDER - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-25-03-000-801-A RUDDER POSITION MICROSWITCHES - REMOVAL | U | Oct 30/15 |
| 27-25-03-400-801-A RUDDER POSITION MICROSWITCHES - INSTALLATION | U | Oct 30/15 |
| 27-25-04/400 <i>EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS</i> RUDDER LOAD CELL - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-25-04-000-801-A <i>EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS</i> RUDDER LOAD CELL - REMOVAL | U | Oct 30/15 |
| 27-25-04-400-801-A <i>EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS</i> RUDDER LOAD CELL - INSTALLATION | U | Oct 30/15 |
| 27-30-00/400 ELEVATOR AND TAB - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-30-00-000-801-A ELEVATOR - REMOVAL | U | Oct 30/15 |
| 27-30-00-400-801-A ELEVATOR - INSTALLATION | U | Oct 30/15 |
| 27-30-00/500 ELEVATOR AND TAB - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-30-00-700-801-A ELEVATOR CALIBRATION WITH CONTROL-COLUMN POSITION TRANSDUCERS | U | Apr 27/18 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 17 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-31-00/500 ELEVATOR PRIMARY MECHANICAL CONTROL - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-31-00-700-801-A ELEVATOR PRIMARY MECHANICAL CONTROL BACKLASH - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-31-00-700-802-A ADJUSTMENT OF THE ELEVATOR PRIMARY BACKSTOP AND SECONDARY BACKSTOP | U | Oct 31/17 |
| 27-31-00-700-803-A ELEVATOR - DEFLECTIONS | U | Oct 30/15 |
| 27-31-00-700-804-A ELEVATOR CONNECTING ROD - ADJUSTMENT/CHECK | U | Oct 30/15 |
| 27-31-00-700-805-A TEST OF CLEARANCE BETWEEN ELEVATOR/SPRING TAB AND BOOM FAIRING | U | Oct 30/15 |
| 27-31-01/400 ELEVATOR CONTROL CABLES - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-31-01-000-801-A ELEVATOR TENSION REGULATOR - REMOVAL | U | Oct 30/15 |
| 27-31-01-400-801-A ELEVATOR TENSION REGULATOR - INSTALLATION | U | Oct 30/15 |
| 27-31-01-000-802-A ELEVATOR CONTROL CABLES - REMOVAL | U | Oct 31/17 |
| 27-31-01-400-802-A ELEVATOR CONTROL CABLES - INSTALLATION | U | Apr 27/18 |
| 27-31-01-000-803-A AUTOPILOT CONTROL CABLE - REMOVAL | U | Oct 30/15 |
| 27-31-01-400-803-A AUTOPILOT CONTROL CABLE - INSTALLATION | U | Oct 30/15 |
| 27-31-01/500 ELEVATOR CONTROL CABLES - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-31-01-700-801-A TENSION OF THE ELEVATOR CONTROL CABLES - FUNCTIONAL CHECK | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 18 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-31-01-700-802-A TENSION OF THE ELEVATOR AUTOPILOT-SERVO CABLES | U | Oct 30/15 |
| 27-31-01/600 ELEVATOR CONTROL CABLES - INSPECTION/CHECK | U | Oct 30/15 |
| 27-31-01-200-801-A ELEVATOR DISCONNECT SYSTEM - GENERAL VISUAL INSPEC- TION | U | Oct 30/15 |
| 27-31-01-200-802-A INSPECT (GENERAL VISUAL) STICK PUSHER ACTUATOR MECHAN- ICAL LINKAGE TO FORWARD QUADRANT | U | Oct 30/15 |
| 27-31-01-200-803-A ELEVATOR CONTROL CABLES - DETAILED VISUAL INSPECTION | U | Oct 30/15 |
| 27-31-02/400 TORQUE TUBE QUADRANTS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-31-02-000-801-A TORQUE TUBE QUADRANT - REMOVAL | U | Oct 30/15 |
| 27-31-02-400-801-A TORQUE TUBE QUADRANT - INSTALLATION | U | Oct 30/15 |
| 27-31-03/400 REAR TORQUE TUBES - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-31-03-000-801-A TORQUE TUBE - REMOVAL | U | Oct 30/15 |
| 27-31-03-400-801-A TORQUE TUBE - INSTALLATION | U | Oct 30/15 |
| 27-31-04/400 SERVO TAB - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-31-04-000-801-A SERVO TAB - REMOVAL | U | Oct 30/15 |
| 27-31-04-400-801-A SERVO TAB - INSTALLATION | U | Oct 30/15 |
| 27-31-04/500 SERVO TAB - ADJUSTMENT/TEST | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 19 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|-----------------------------------|---------------------------------|
| 27-31-04-700-801-A SPRING AND SERVO TABS - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-31-04-700-802-A SERVO-TAB - DEFLECTION | U | Oct 30/15 |
| 27-31-05/600 SPRING TAB AND SERVO TAB - INSPECTION/CHECK | U | Oct 30/15 |
| 27-31-05-200-801-A SERVO TAB FAIL-SAFE ACTUATION LINK - DETAILED VISUAL IN- SPECTION | U | Oct 30/15 |
| 27-31-05-200-802-A SPRING TAB ATTACHMENT LINK - DETAILED VISUAL INSPECTION | U | Oct 30/15 |
| 27-31-07/400 CONTROL COLUMN - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-31-07-000-801-A CONTROL COLUMN - REMOVAL | U | Oct 30/15 |
| 27-31-07-400-801-A CONTROL COLUMN - INSTALLATION | U | Oct 30/15 |
| 27-31-08/400 SPRING TAB - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-31-08-000-801-A SPRING TAB - REMOVAL | U | Oct 30/15 |
| 27-31-08-400-801-A SPRING TAB - INSTALLATION | U | Oct 30/15 |
| 27-31-08/500 SPRING TAB - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-31-08-700-801-A SPRING TAB - ADJUSTMENT | U | Apr 29/16 |
| 27-31-09/400 NOSE-UP SPRING - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-31-09-000-801-A SPRING NOSE-UP - REMOVAL | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 20 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|---|----------------------------|--------------------------|
| 27-31-09-400-801-A SPRING NOSE-UP - INSTALLATION | U | Oct 30/15 |
| 27-35-00/300 ELEVATOR DISCONNECT SYSTEM - SERVICING | U | Oct 30/15 |
| 27-35-00-600-801-A ELEVATOR DISCONNECT SYSTEM - LUBRICATION | U | Feb 16/16 |
| 27-35-00/400 ELEVATOR DISCONNECT SYSTEM - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-35-00-000-801-A ELEVATOR DISCONNECT DEVICE - REMOVAL | U | Oct 30/15 |
| 27-35-00-400-801-A ELEVATOR DISCONNECT DEVICE - INSTALLATION | U | Oct 30/15 |
| 27-35-00/500 ELEVATOR DISCONNECT SYSTEM - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-35-00-700-801-A OPERATIONAL CHECK OF THE ELEVATOR DISCONNECT SYSTEM | U | Oct 30/15 |
| 27-35-02/400 ELEVATOR ACTUATING KNOB AND PULL CABLE - REMOVAL/INSTAL- LATION | U | Oct 30/15 |
| 27-35-02-000-801-A ACTUATING KNOB AND PULL CABLE ASSEMBLY - REMOVAL | U | Oct 30/15 |
| 27-35-02-400-801-A ACTUATING KNOB AND PULL CABLE ASSEMBLY - INSTALLATION | U | Oct 30/15 |
| 27-35-03/400 <i>EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS</i> ELEVATOR LOAD CELL - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-35-03-000-801-A <i>EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS</i> ELEVATOR LOAD CELL - REMOVAL | U | Oct 30/15 |
| 27-35-03-400-801-A <i>EFFECTIVITY: ONLY FOR AIRCRAFTS WITH LOAD CELLS</i> ELEVATOR LOAD CELL - INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 21 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|---|----------------------------|--------------------------|
| 27-36-00/200 STALL PROTECTION SYSTEM - MAINTENANCE PRACTICES | U | Oct 30/15 |
| 27-36-00-970-801-A STALL PROTECTION SYSTEM - DIAGNOSING AND MONITORING | U | Oct 30/15 |
| 27-36-00-970-802-A STALL PROTECTION COMPUTER - DOWNLOAD | U | Oct 30/15 |
| 27-36-00/500 STALL PROTECTION SYSTEM - ADJUSTMENT/TEST | U | Feb 16/16 |
| 27-36-00-700-801-A STALL PROTECTION SYSTEM - OPERATIONAL CHECK | U | Oct 31/16 |
| 27-36-00-700-802-A ICE/SPS INTERFACE CIRCUIT - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-36-01/400 AOA SENSOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-36-01-000-801-A ANGLE OF ATTACK (AOA) SENSOR - REMOVAL | U | Oct 30/15 |
| 27-36-01-400-801-A ANGLE OF ATTACK (AOA) SENSOR - INSTALLATION | U | Oct 30/15 |
| 27-36-02/400 STALL PROTECTION COMPUTER - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-36-02-000-801-A STALL PROTECTION COMPUTER - REMOVAL | U | Oct 30/15 |
| 27-36-02-400-801-A STALL PROTECTION COMPUTER - INSTALLATION | U | Oct 30/15 |
| 27-36-03/400 STICK SHAKER - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-36-03-000-801-A STICK SHAKER - REMOVAL | U | Oct 30/15 |
| 27-36-03-400-801-A STICK SHAKER - INSTALLATION | U | Oct 30/15 |
| 27-36-04/400 STICK PUSHER ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-36-04-000-801-A STICK PUSHER - REMOVAL | U | Oct 30/15 |
| 27-36-04-400-801-A STICK PUSHER - INSTALLATION | U | Oct 30/15 |
| 27-36-04/500 STICK PUSHER ACTUATOR - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-36-04-700-801-A STICK PUSHER - ADJUSTMENT | U | Oct 30/15 |
| 27-36-05/400 STALL PROTECTION PANEL - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-36-05-000-801-A STALL PROTECTION PANEL - REMOVAL | U | Oct 30/15 |
| 27-36-05-400-801-A STALL PROTECTION PANEL - INSTALLATION | U | Oct 30/15 |
| 27-40-00/500 HORIZONTAL STABILIZER - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-40-00-700-801-A HORIZONTAL STABILIZER BACKLASH - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-40-00-700-802-A HORIZONTAL-STABILIZER ELECTRICAL/ELECTRONIC OPERATION- AL TEST | R | Oct 29/18 |
| 27-40-00-700-803-A BACKUP SYS CUTOFF PUSHBUTTON MAIN SYS CUTOFF SWITCH AND QUICK DISCONNECT SWITCH - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-40-00-700-804-A STABILIZER TIMER CONTROL - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-40-00-700-805-A "TAKEOFF TRIM" AURAL WARNING - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-40-00-700-806-A <i>EFFECTIVITY: POST-MOD. S.B. 145-27-0106</i> LOCKOUT LOGIC TEST | U | Oct 30/15 |
| 27-40-01/400 HORIZONTAL-STABILIZER CONTROL UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 23 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|---|----------------------------|--------------------------|
| 27-40-01-000-801-A HORIZONTAL-STABILIZER CONTROL UNIT - REMOVAL | U | Oct 30/15 |
| 27-40-01-400-801-A HORIZONTAL-STABILIZER CONTROL UNIT - INSTALLATION | U | Oct 30/15 |
| 27-40-02/300 HORIZONTAL-STABILIZER ACTUATOR - SERVICING | U | Oct 30/15 |
| 27-40-02-600-801-A HORIZONTAL-STABILIZER ACTUATOR - GEAR OIL FILLING | R | Oct 29/18 |
| 27-40-02/400 HORIZONTAL-STABILIZER ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-40-02-000-801-A HORIZONTAL STABILIZER ACTUATOR - REMOVAL | U | Oct 30/15 |
| 27-40-02-400-801-A HORIZONTAL STABILIZER ACTUATOR - INSTALLATION | U | Oct 30/15 |
| 27-40-02/500 HORIZONTAL-STABILIZER ACTUATOR - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-40-02-700-801-A ADJUSTMENT OF THE ELECTRICAL ZERO POSITION OF THE HORIZONTAL STABILIZER ACTUATOR | U | Apr 28/17 |
| 27-40-02-700-802-A FUNCTIONAL CHECK OF THE TRAVEL OF THE HORIZONTAL STABILIZER ACTUATOR | U | Oct 30/15 |
| 27-40-02/600 HORIZONTAL-STABILIZER ACTUATOR - INSPECTION/CHECK | U | Oct 30/15 |
| 27-40-02-200-801-A HORIZONTAL STABILIZER ACTUATOR INTEGRITY AND ATTACHMENTS - DETAILED VISUAL INSPECTION | U | Oct 30/15 |
| 27-40-03/300 CONTROL YOKE PITCH TRIM SWITCH - SERVICING | U | Oct 30/15 |
| 27-40-03-640-801-A CONTROL-YOKE PITCH TRIM SWITCHES - LUBRICATION | U | Oct 30/15 |
| 27-40-03/400 CONTROL YOKE PITCH TRIM SWITCH - REMOVAL/INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 24 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-40-03-000-801-A PITCH TRIM SWITCH - REMOVAL | U | Oct 30/15 |
| 27-40-03-400-801-A PITCH TRIM SWITCH - INSTALLATION | U | Oct 30/15 |
| 27-40-04/300 <i>EFFECTIVITY: ON ACFT WITH TRIM CONTROL PANEL P/N 145-34177-4XX OR P/N 145-21353-4XX</i> BACKUP PITCH TRIM SWITCH - SERVICING | U | Oct 30/15 |
| 27-40-04-640-801-A <i>EFFECTIVITY: ON ACFT WITH TRIM CONTROL PANEL P/N 145-34177-4XX OR P/N 145-21353-4XX</i> BACKUP PITCH TRIM SWITCH - LUBRICATION | U | Oct 30/15 |
| 27-40-04/700 BACKUP PITCH TRIM SWITCH - CLEANING/PAINTING | U | Oct 30/15 |
| 27-40-04-100-801-A BACKUP PITCH TRIM SWITCH - CLEANING | U | Oct 30/15 |
| 27-50-00/400 FLAPS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-50-00-000-801-A INBOARD FLAP - REMOVAL | U | Oct 30/15 |
| 27-50-00-400-801-A INBOARD FLAP - INSTALLATION | U | Oct 30/15 |
| 27-50-00-000-802-A OUTBOARD FLAP - REMOVAL | U | Oct 30/15 |
| 27-50-00-400-802-A OUTBOARD FLAP - INSTALLATION | U | Oct 30/15 |
| 27-50-00/500 FLAPS - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-50-00-700-801-A INBOARD AND OUTBOARD FLAPS - DEFLECTIONS | U | Oct 30/15 |
| 27-51-00/200 FLAP - MECHANICAL LINE - MAINTENANCE PRACTICES | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 25 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|---|----------------------------|--------------------------|
| 27-51-00-960-801-A GREASE FITTING OF THE FLAP ACTUATOR - REPLACEMENT | U | Oct 30/15 |
| 27-51-00/300 FLAP - MECHANICAL LINE - SERVICING | U | Oct 30/15 |
| 27-51-00-600-801-A FLAP SCREWJACK ACTUATOR (FSAS) - LUBRICATION | U | Oct 31/16 |
| 27-51-00-600-802-A FLAP FLEXIBLE SHAFT (FFSS) - LUBRICATION | U | Oct 30/15 |
| 27-51-00-600-803-A FLAP SCREWJACK ACTUATOR GEAR - LUBRICATION | U | Apr 27/18 |
| 27-51-00/500 FLAP - MECHANICAL LINE - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-51-00-700-801-A FLAP CONTROL SYSTEM - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-51-00-700-802-A FLAP SURFACE BACKLASH | U | Oct 30/15 |
| 27-51-00-700-803-A FLAP LATERAL BACKLASH | U | Oct 30/15 |
| 27-51-00/600 FLAP - MECHANICAL LINE - INSPECTION/CHECK | U | Oct 30/15 |
| 27-51-00-200-801-A FLAP MECHANICAL LINE - GENERAL VISUAL INSPECTION | U | Oct 31/17 |
| 27-51-00-200-802-A FLAP FLEXIBLE SHAFT - INSPECTION | U | Oct 31/17 |
| 27-51-01/400 FLAP TRANSMISSION BRAKE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-01-000-801-A FLAP TRANSMISSION BRAKE - REMOVAL | U | Apr 28/17 |
| 27-51-01-400-801-A FLAP TRANSMISSION BRAKE - INSTALLATION | U | Apr 28/17 |
| 27-51-01/500 FLAP TRANSMISSION BRAKE - ADJUSTMENT/TEST | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 26 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-51-01-700-801-A FLAP TRANSMISSION BRAKE - FUNCTIONAL CHECK | R | Oct 29/18 |
| 27-51-02/400 ANGLE GEAR BOX - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-02-000-801-A FLAP ANGLE GEAR BOX - REMOVAL | U | Oct 30/15 |
| 27-51-02-400-801-A FLAP ANGLE GEAR BOX - INSTALLATION | U | Oct 30/15 |
| 27-51-04/400 FLAP FLEXIBLE SHAFT SECTION 1 - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-04-000-801-A FLAP FLEXIBLE SHAFT SECTION 1 - REMOVAL | U | Oct 30/15 |
| 27-51-04-400-801-A FLAP FLEXIBLE SHAFT SECTION 1 - INSTALLATION | U | Oct 30/15 |
| 27-51-05/400 FLAP FLEXIBLE SHAFT SECTION 2 - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-05-000-801-A FLAP FLEXIBLE SHAFT SECTION 2 - REMOVAL | U | Oct 30/15 |
| 27-51-05-400-801-A FLAP FLEXIBLE SHAFT SECTION 2 - INSTALLATION | U | Oct 30/15 |
| 27-51-06/400 FLAP FLEXIBLE SHAFT SECTION 3 - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-06-000-801-A FLAP FLEXIBLE SHAFT SECTION 3 - REMOVAL | U | Oct 30/15 |
| 27-51-06-400-801-A FLAP FLEXIBLE SHAFT SECTION 3 - INSTALLATION | U | Oct 30/15 |
| 27-51-07/400 FLAP FLEXIBLE SHAFT SECTION 4 - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-07-000-801-A FLAP FLEXIBLE SHAFT SECTION 4 - REMOVAL | U | Oct 30/15 |
| 27-51-07-400-801-A FLAP FLEXIBLE-SHAFT SECTION 4 - INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 27 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-51-08/400 FLAP FLEXIBLE SHAFT SECTION 5 - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-08-000-801-A FLAP FLEXIBLE SHAFT SECTION 5 - REMOVAL | U | Oct 30/15 |
| 27-51-08-400-801-A FLAP FLEXIBLE-SHAFT SECTION 5 - INSTALLATION | U | Oct 30/15 |
| 27-51-09/400 INBOARD FLAP ACTUATORS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-09-000-801-A INBOARD FLAP ROOT ACTUATOR (FSA 1) - REMOVAL | U | Oct 30/15 |
| 27-51-09-400-801-A INBOARD FLAP ROOT ACTUATOR (FSA 1) - INSTALLATION | U | Oct 30/15 |
| 27-51-09-000-802-A INBOARD FLAP TIP ACTUATOR (FSA 2) - REMOVAL | U | Oct 30/15 |
| 27-51-09-400-802-A INBOARD FLAP TIP ACTUATOR (FSA 2) - INSTALLATION | U | Oct 30/15 |
| 27-51-10/400 OUTBOARD FLAP ACTUATORS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-10-000-801-A OUTBOARD FLAP ROOT ACTUATOR (FSA 3) - REMOVAL | U | Oct 30/15 |
| 27-51-10-400-801-A OUTBOARD FLAP ROOT ACTUATOR (FSA 3) - INSTALLATION | U | Oct 30/15 |
| 27-51-10-000-802-A OUTBOARD FLAP TIP ACTUATOR (FSA 4) - REMOVAL | U | Oct 30/15 |
| 27-51-10-400-802-A OUTBOARD FLAP TIP ACTUATOR (FSA 4) - INSTALLATION | U | Oct 30/15 |
| 27-51-12/400 FLAP VELOCITY SENSOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-12-000-801-A FLAP VELOCITY SENSOR - REMOVAL | U | Oct 30/15 |
| 27-51-12-400-801-A FLAP VELOCITY SENSOR - INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 28 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-51-15/400 FLAP ROLLERS - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-15-000-801-A ROLLERS - REMOVAL | R | Oct 29/18 |
| 27-51-15-400-801-A ROLLERS - INSTALLATION | R | Oct 29/18 |
| 27-51-15/600 FLAP ROLLERS - INSPECTION/CHECK | U | Oct 30/15 |
| 27-51-15-200-801-A FLAP ROLLERS FOR STRUCTURAL INTEGRITY - DETAILED VISUAL INSPECTION | U | Oct 30/15 |
| 27-51-17/500 MOTOR TRANSMISSION BRAKE - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-51-17-700-801-A MTB (FDMU) HOLDING CAPABILITY - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-51-18/400 ROLLER PLUG - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-51-18-000-801-A PLUG - REMOVAL | U | Oct 30/15 |
| 27-51-18-400-801-A PLUG - INSTALLATION | U | Oct 30/15 |
| 27-53-00/400 FLAPS - ELECTRICAL/ELECTRONIC COMPONENTS - REMOVAL/ INSTALLATION | U | Oct 30/15 |
| 27-53-00-040-801-A FLAP ELECTRICAL/ELECTRONIC DEACTIVATION PROCEDURE | U | Oct 30/15 |
| 27-53-00-440-801-A FLAP ELECTRICAL/ELECTRONIC REACTIVATION PROCEDURE | U | Oct 30/15 |
| 27-53-00/500 CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> FLAPS - ELECTRICAL/ELECTRONIC COMPONENTS - ADJUSTMENT/ TEST | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 29 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|---|-----------------------------------|---------------------------------|
| 27-53-00-700-801-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> FLAP FAIL MESSAGE - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-53-00-700-802-A CONFIG-1 <i>EFFECTIVITY: ACFT MODEL(S) EMB-145</i> "TAKEOFF FLAPS" AURAL WARNING AND NO TAKEOFF CONFIG VISUAL WARNING - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-53-00/500 CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> FLAPS - ELECTRICAL/ELECTRONIC COMPONENTS - ADJUSTMENT/ TEST | U | Apr 28/17 |
| 27-53-00-700-801-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> FLAP FAIL MESSAGE - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-53-00-700-802-A CONFIG-2 <i>EFFECTIVITY: ACFT MODEL(S) EMB-135</i> "TAKEOFF FLAPS" AURAL WARNING AND NO TAKEOFF CONFIG VISUAL WARNING - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-53-01/400 FLAP DRIVE MOTOR UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-53-01-000-801-A FLAP DRIVE MOTOR UNIT (FDMU) - REMOVAL | U | Oct 30/15 |
| 27-53-01-400-801-A FLAP DRIVE MOTOR UNIT (FDMU) - INSTALLATION | U | Oct 30/15 |
| 27-53-02/400 FLAP ELECTRONIC CONTROL UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-53-02-000-801-A FLAP ELECTRONIC CONTROL UNIT - REMOVAL | U | Oct 30/15 |
| 27-53-02-400-801-A FLAP ELECTRONIC CONTROL UNIT - INSTALLATION | U | Oct 30/15 |
| 27-53-03/400 FLAP SELECTOR LEVER - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-53-03-000-801-A FLAP SELECTOR LEVER - REMOVAL | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 30 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-53-03-400-801-A FLAP SELECTOR LEVER - INSTALLATION | U | Oct 30/15 |
| 27-53-04/400 FLAP POWER DRIVE UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-53-04-000-801-A FLAP POWER DRIVE UNIT (FPDU) - REMOVAL | U | Oct 30/15 |
| 27-53-04-400-801-A FLAP POWER DRIVE UNIT (FPDU) - INSTALLATION | U | Oct 30/15 |
| 27-53-04/500 FLAP POWER DRIVE UNIT - ADJUSTMENT/TEST | U | Oct 31/16 |
| 27-53-04-700-801-A FLAP ZERO-DEGREE RIGGING | U | Apr 27/18 |
| 27-53-05/400 FLAP POSITION TRANSDUCER UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-53-05-000-801-A FLAP POSITION TRANSDUCER UNIT - REMOVAL | U | Oct 31/17 |
| 27-53-05-400-801-A FLAP POSITION TRANSDUCER UNIT - INSTALLATION | U | Oct 31/17 |
| 27-62-00/500 SPOILER HYDRAULIC ACTUATION - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-62-00-700-801-A GROUND SPOILER/SPEED BRAKE VALVES CONTROL CIRCUIT AND RELATED MESSAGES - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-62-00-700-802-A EXTERNAL LEAKAGE AT THE SPOILER ACTUATORS - FUNCTION- AL CHECK | U | Oct 30/15 |
| 27-62-00/600 SPOILER HYDRAULIC ACTUATION - INSPECTION/CHECK | U | Oct 30/15 |
| 27-62-00-200-801-A SPOILER SURFACE HINGE POINTS - GENERAL VISUAL INSPEC- TION | U | Oct 30/15 |
| 27-62-01/400 GROUND SPOILER ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 31 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-62-01-000-801-A GROUND SPOILER ACTUATOR - REMOVAL | U | Oct 31/17 |
| 27-62-01-400-801-A GROUND SPOILER ACTUATOR - INSTALLATION | U | Oct 31/17 |
| 27-62-02/400 SPEED BRAKE ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-62-02-000-801-A SPEED BRAKE ACTUATOR - REMOVAL | U | Oct 31/17 |
| 27-62-02-400-801-A SPEED BRAKE ACTUATOR - INSTALLATION | U | Oct 31/17 |
| 27-62-03/400 GROUND SPOILER VALVE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-62-03-000-801-A GROUND SPOILER VALVE - REMOVAL | U | Oct 30/15 |
| 27-62-03-400-801-A GROUND SPOILER VALVE - INSTALLATION | U | Oct 30/15 |
| 27-62-04/400 SPEED BRAKE VALVE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-62-04-000-801-A SPEED BRAKE VALVE - REMOVAL | U | Oct 30/15 |
| 27-62-04-400-801-A SPEED BRAKE VALVE - INSTALLATION | U | Oct 30/15 |
| 27-62-05/400 GROUND SPOILER PANEL - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-62-05-000-801-A GROUND SPOILER PANEL - REMOVAL | U | Oct 30/15 |
| 27-62-05-400-801-A GROUND SPOILER PANEL - INSTALLATION | U | Oct 30/15 |
| 27-62-06/400 SPEED BRAKE PANEL - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-62-06-000-801-A SPEED BRAKE PANEL - REMOVAL | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 32 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|---|----------------------------|--------------------------|
| 27-62-06-400-801-A SPEED BRAKE PANEL - INSTALLATION | U | Oct 30/15 |
| 27-62-07/400 <i>EFFECTIVITY: FOR AIRCRAFT WITH SPEED BRAKE PRESSURE REDUCER INSTALLED</i> SPEED BRAKE PRESSURE REDUCER - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-62-07-000-801-A <i>EFFECTIVITY: FOR AIRCRAFT WITH SPEED BRAKE PRESSURE REDUCER INSTALLED</i> PRESSURE REDUCER - REMOVAL | U | Oct 30/15 |
| 27-62-07-400-801-A <i>EFFECTIVITY: FOR AIRCRAFT WITH SPEED BRAKE PRESSURE REDUCER INSTALLED</i> PRESSURE REDUCER - INSTALLATION | U | Oct 30/15 |
| 27-62-08/400 <i>EFFECTIVITY: JAA CERTIFIED AIRCRAFT</i> SPEED BRAKE SOLENOID VALVE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-62-08-000-801-A <i>EFFECTIVITY: JAA CERTIFIED AIRCRAFT</i> SOLENOID VALVE - REMOVAL | U | Oct 30/15 |
| 27-62-08-400-801-A <i>EFFECTIVITY: JAA CERTIFIED AIRCRAFT</i> SOLENOID VALVE - INSTALLATION | U | Oct 30/15 |
| 27-63-01/500 SPOILERS - ADJUSTMENT/TEST | U | Feb 16/16 |
| 27-63-01-700-801-A SPOILER SYSTEM - OPERATIONAL CHECK | U | Oct 31/16 |
| 27-63-01-700-802-A SPOILER SURFACE - ADJUSTMENT | U | Feb 16/16 |
| 27-63-01-700-803-A SPOILER SYSTEM (LOGIC) - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-63-02/400 SPOILER CONTROL UNIT - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-63-02-000-801-A SPOILER CONTROL UNIT - REMOVAL | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 33 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|----------------------------|--------------------------|
| 27-63-02-400-801-A SPOILER CONTROL UNIT - INSTALLATION | U | Oct 30/15 |
| 27-63-03/400 SPEED BRAKE COMMAND LEVER - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-63-03-000-801-A SPEED BRAKE COMMAND LEVER - REMOVAL | U | Oct 30/15 |
| 27-63-03-400-801-A SPEED BRAKE COMMAND LEVER - INSTALLATION | U | Oct 30/15 |
| 27-63-04/400 PROXIMITY SENSOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-63-04-000-801-A PROXIMITY SENSOR - REMOVAL | U | Oct 30/15 |
| 27-63-04-400-801-A PROXIMITY SENSOR - INSTALLATION | U | Oct 30/15 |
| 27-70-00/400 <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> GUST LOCK - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-70-00-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> GUST LOCK - REMOVAL | U | Oct 30/15 |
| 27-70-00-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> GUST LOCK - INSTALLATION | U | Oct 30/15 |
| 27-70-00/500 <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> GUST LOCK - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-70-00-700-801-A <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> GUST LOCK SYSTEM - ADJUSTMENT | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 34 of 39
Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-70-00-700-802-A <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> GUST LOCK MECHANISM - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-70-00-700-803-A <i>EFFECTIVITY: POST-MOD S.B.145-27-0039</i> GAP OF THE ELEVATOR SECONDARY STOP - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-70-04/400 <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> TORQUE TUBE - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-70-04-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> TORQUE TUBE - REMOVAL | U | Oct 30/15 |
| 27-70-04-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH MECHANICAL GUST LOCK (PRE-MOD S.B. 145-27-0086)</i> TORQUE TUBE - INSTALLATION | U | Oct 30/15 |
| 27-71-00/500 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL GUST LOCK SYSTEM - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-71-00-700-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL GUST LOCK - OPERATIONAL CHECK | U | Oct 30/15 |
| 27-71-00-700-802-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL GUST LOCK SOLENOID - OPERATIONAL CHECK | U | Apr 29/16 |
| 27-71-00-700-803-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL GUST LOCK SYSTEM - OPERATIONAL CHECK | U | Oct 31/17 |
| 27-71-00/600 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL GUST LOCK SYSTEM - INSPECTION/CHECK | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

 Chapter 27
 Page 35 of 39
 Rev 55 - Oct 29/18

| PAGEBLOCK TASK | REVISION STATUS | REVISION DATE |
|--|----------------------------|--------------------------|
| 27-71-00-200-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL GUST LOCK MECHANISM - DETAILED VIS- UAL INSPECTION | U | Apr 28/17 |
| 27-71-01/400 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL ACTUATOR - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-71-01-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL ACTUATOR - REMOVAL | U | Oct 30/15 |
| 27-71-01-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL ACTUATOR - INSTALLATION | U | Oct 30/15 |
| 27-71-01/500 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL ACTUATOR - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-71-01-700-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> ELECTROMECHANICAL ACTUATOR - FUNCTIONAL CHECK | U | Oct 30/15 |
| 27-71-02/400 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> BELLCRANK ASSEMBLY - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-71-02-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> BELLCRANK ASSEMBLY - REMOVAL | U | Oct 30/15 |
| 27-71-02-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> BELLCRANK ASSEMBLY - INSTALLATION | U | Oct 30/15 |
| 27-71-03/400 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> SPRING CARTRIDGES - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-71-03-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> SPRING CARTRIDGES - REMOVAL | U | Oct 30/15 |
| 27-71-03-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> SPRING CARTRIDGES - INSTALLATION | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 36 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|--|-----------------------------------|---------------------------------|
| 27-71-03/500 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SPRING CARTRIDGES - ADJUSTMENT/TEST</i> | U | Oct 30/15 |
| 27-71-03-700-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SPRING-CARTRIDGE FRICTION FORCE - TEST</i> | U | Oct 30/15 |
| 27-71-03-700-802-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SPRING CARTRIDGE ALIGNMENT</i> | U | Oct 30/15 |
| 27-71-06/400 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SOLENOID - REMOVAL/INSTALLATION</i> | U | Oct 30/15 |
| 27-71-06-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SOLENOID - REMOVAL</i> | U | Oct 30/15 |
| 27-71-06-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SOLENOID - INSTALLATION</i> | U | Oct 30/15 |
| 27-71-06/500 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SOLENOID - ADJUSTMENT/TEST</i> | U | Oct 30/15 |
| 27-71-06-700-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SOLENOID - ADJUSTMENT</i> | U | Apr 27/18 |
| 27-71-06-900-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK SOLENOID - MANUAL OPERATION</i> | U | Oct 30/15 |
| 27-71-07/400 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK ACTUATOR LOCKING DEVICE - REMOVAL/INSTALLATION</i> | U | Oct 30/15 |
| 27-71-07-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK ACTUATOR LOCKING DEVICE - REMOVAL</i> | U | Oct 30/15 |
| 27-71-07-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK ACTUATOR LOCKING DEVICE - INSTALLATION</i> | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 37 of 39
Rev 55 - Oct 29/18

| <u>PAGEBLOCK TASK</u> | <u>REVISION STATUS</u> | <u>REVISION DATE</u> |
|---|----------------------------|--------------------------|
| 27-71-11/400 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> CONTROL-COLUMN POSITION SWITCH - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-71-11-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> CONTROL-COLUMN POSITION SWITCH - REMOVAL | U | Oct 30/15 |
| 27-71-11-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> CONTROL-COLUMN POSITION SWITCH - INSTALLATION | U | Oct 30/15 |
| 27-71-11/500 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> CONTROL-COLUMN POSITION SWITCH - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-71-11-700-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> CONTROL-COLUMN POSITION SWITCH - ADJUSTMENT | U | Oct 30/15 |
| 27-71-12/500 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> GUST LOCK COMMAND SWITCHES - ADJUSTMENT/TEST | U | Oct 30/15 |
| 27-71-12-700-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> GUST LOCK COMMAND SWITCHES - ADJUSTMENT | U | Oct 30/15 |
| 27-71-14/400 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> SPRING-CARTRIDGE POSITION MECHANISM - REMOVAL/INSTALLATION | U | Oct 30/15 |
| 27-71-14-000-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> SPRING-CARTRIDGE POSITION MECHANISM - REMOVAL | U | Oct 30/15 |
| 27-71-14-400-801-A <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> SPRING-CARTRIDGE POSITION MECHANISM - INSTALLATION | U | Oct 30/15 |
| 27-71-14/500 <i>EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK</i> SPRING-CARTRIDGE POSITION MECHANISM - ADJUSTMENT/TEST | U | Oct 30/15 |

Revision Status: U - Unchanged, R - Revised, N - New, D - Deleted

EMB-145 - AMM 1285

TOC

Chapter 27
Page 38 of 39
Rev 55 - Oct 29/18

PAGEBLOCK
TASK

REVISION
STATUS

REVISION
DATE

[27-71-14-700-801-A](#)

U

Oct 30/15

EFFECTIVITY: AIRCRAFT WITH ELECTROMECHANICAL GUST LOCK
SPRING-CARTRIDGE POSITION MECHANISM - ADJUSTMENT

