



AIRCRAFT
MAINTENANCE MANUAL

WING (MAJOR ZONES 500 AND 600) - ACCESS DOORS AND PANELS - COMPONENT LOCATION

EFFECTIVITY: ALL

1. General

- A. This section gives the location of the access panels in major zone 500 (Left wing) and in major zone 600 (Right wing).



**AIRCRAFT
MAINTENANCE MANUAL**

EMB145 – EMB135

WING (MAJOR ZONES 500 AND 600) - ACCESS DOORS AND PANELS - COMPONENT LOCATION

EFFECTIVITY: ALL

2. List of Equipment and Components

- A. Table 101 (Major Zones 500 and 600) gives the equipment and components to which you can get access through the wing access panels.

Table 101 - MAJOR ZONES 500 AND 600

| PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS |
|--------------------------------------|--------------------------------------|---|
| LEFT | RIGHT | |
| 511AL (Figure 102) | 611AR (Figure 104) | Landing light, piccolo pressure-drop switch |
| 512AL (Figure 102) | 612AR (Figure 104) | Piccolo tube coupling |
| 513AL (Figure 102) | 613AR (Figure 104) | Piccolo tube coupling |
| 531AB (Figure 101) | 631AB (Figure 103) | Float valve, Motive flow line, Transfer line, Refuel/Defuel line, Fuel tank vent line, Temperature sensor, Fuel low level sensor, Fuel tank unit, Dump valve ^[1] |
| 531BB (Figure 101) | 631BB (Figure 103) | Motive flow line, Transfer line, Refuel/Defuel line, Fuel tank vent line ^[2] |
| 531CB (Figure 101) | 631CB (Figure 103) | Motive flow line, Transfer line, Refuel/Defuel line, Fuel tank vent line, Ejector pump, Flap valves, Shutoff valve, Fuel measuring stick, Fuel tank unit |
| 531DB (Figure 101) | 631DB (Figure 103) | Refuel line diffuser, Vent line, Pressure switch, Fuel tank unit |
| 531EZ (Figure 101) | 631EZ (Figure 103) | Electrical fuel pumps, Flap valves, Fuel drain valve, Fuel tank unit |
| 532AB (Figure 101) | 632AB (Figure 103) | Pressure transducers, Hydraulic fuses |
| 532BB (Figure 101) | 632BB (Figure 103) | - |
| 532CB (Figure 101) | 632CB (Figure 103) | Main landing gear outboard bearing. |
| 532CZ (Figure 101) | 632CZ (Figure 103) | Ribs, torque box |
| 532DZ (Figure 101) | 632DZ (Figure 103) | Ribs, torque box |
| 541AB (Figure 101) | 641AB (Figure 103) | Vent line |
| 541BB (Figure 101) | 641BB (Figure 103) | Vent line, Fuel measuring stick, Fuel tank unit |
| 541CB (Figure 101) | 641CB (Figure 103) | Vent line, Fuel measuring stick |
| 541DB (Figure 101) | 641DB (Figure 103) | Pilot valve, Vent line, Fuel tank unit, Wing high level exceeding float switch ^[3] |
| 541EB (Figure 101) | 641EB (Figure 103) | Float valve, Vent line |
| 541FT (Figure 101) | 641FT (Figure 103) | Filler cap |
| 541GB (Figure 101) | 641GB (Figure 103) | Flap screwjack actuator 4, Flap velocity sensor |
| 551AB (Figure 101) | 651AB (Figure 103) | Naca air inlet |
| 551BB (Figure 101) | 651BB (Figure 103) | Wing structure |
| 551CB (Figure 101) | 651CB (Figure 103) | Wing structure |
| 551DB (Figure 101) | 651DB (Figure 103) | Wing structure |
| 551EB (Figure 101) | 651EB (Figure 103) | Strobe light power supplies |
| 551FT (Figure 101) | 651FT (Figure 103) | Wing structure |
| 561AL (Figure 102) | 661AR (Figure 104) | Navigation light |
| 571AB (Figure 102) | 671AB (Figure 104) | Fitting, root spar, flaps |
| 571BB (Figure 102) | 671BB (Figure 104) | Ribs/skin attachment, inboard flap, fitting tip |

[1] EMB-145 ER, EP and EU MODELS.

[2] EMB-145 LR and LU MODELS.

[3] Aircraft with HLEIS

Table 101 - MAJOR ZONES 500 AND 600 (Continued)

| PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS |
|--------------------------------------|--------------------------------------|---|
| LEFT | RIGHT | |
| 571CB (Figure 102) | 671CB (Figure 104) | Root fairing, inboard flap |
| 571DB (Figure 102) | 671DB (Figure 104) | Tip fairing, inboard flap |
| 572AB (Figure 102) | 672AB (Figure 104) | Ribs/skin attachment, outboard flap |
| 572BB (Figure 102) | 672BB (Figure 104) | Ribs/skin attachment, outboard flap, fitting, tip spar, outboard flap |
| 572CB (Figure 102) | 672CB (Figure 104) | Root fairing, outboard flap |
| 572DB (Figure 102) | 672DB (Figure 104) | Tip fairing, outboard flap |
| 573AT (Figure 101) | 673AT (Figure 103) | Wing structure |

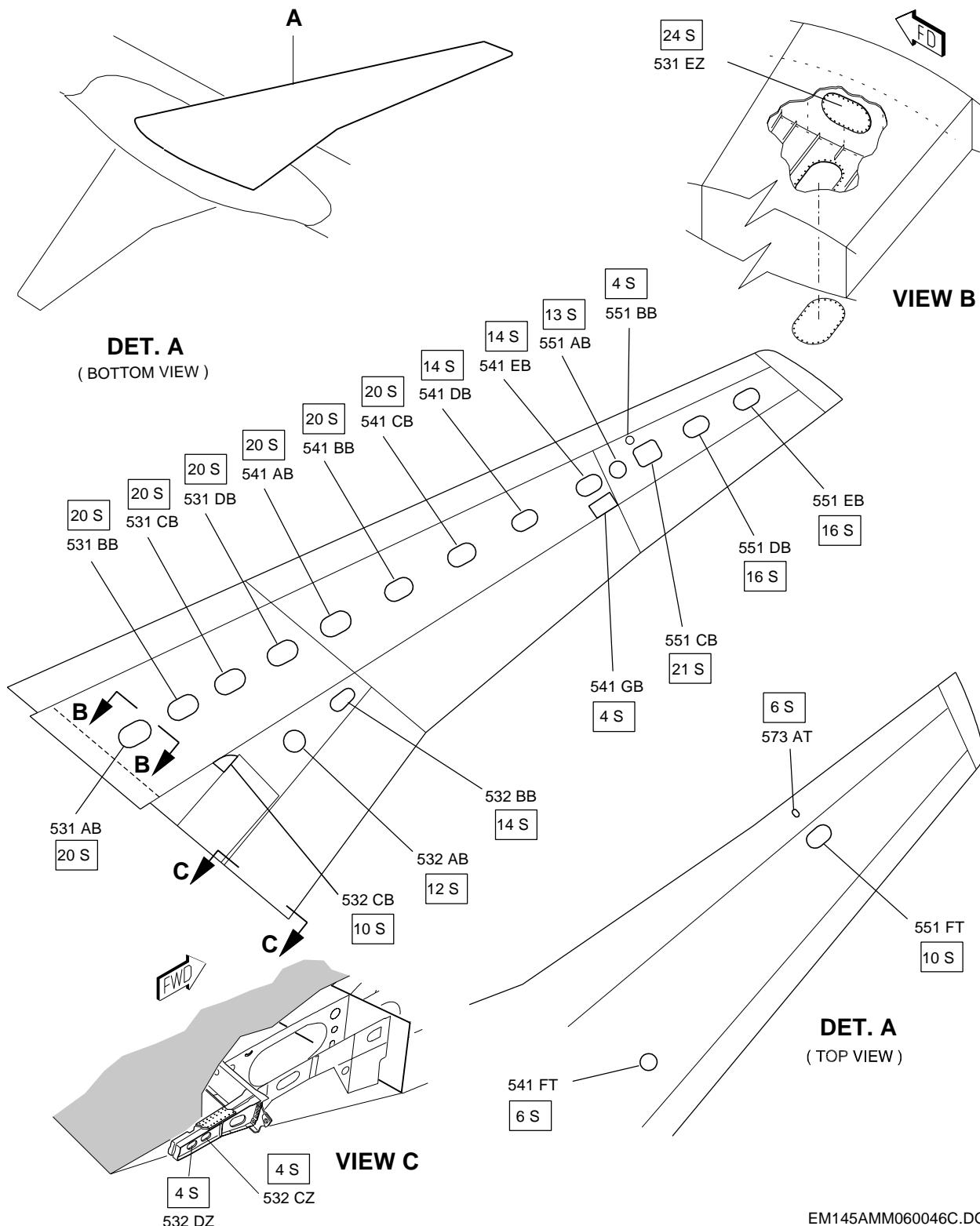
3. Location of the Access Doors and Panels

- A. The location of the access doors and panels in major zones 500 and 600 is shown in detail as follows:
- (1) [Figure 101](#) - Major zone 500 - Left Wing.
 - (2) [Figure 102](#) - Major zone 500 - Left Wing Leading Edge.
 - (3) [Figure 103](#) - Major zone 600 - Right Wing.
 - (4) [Figure 104](#) - Major zone 600 - Right Wing Leading Edge.

EFFECTIVITY: ALL

Left Wing (Major Zone 500) Access Panels

Figure 101

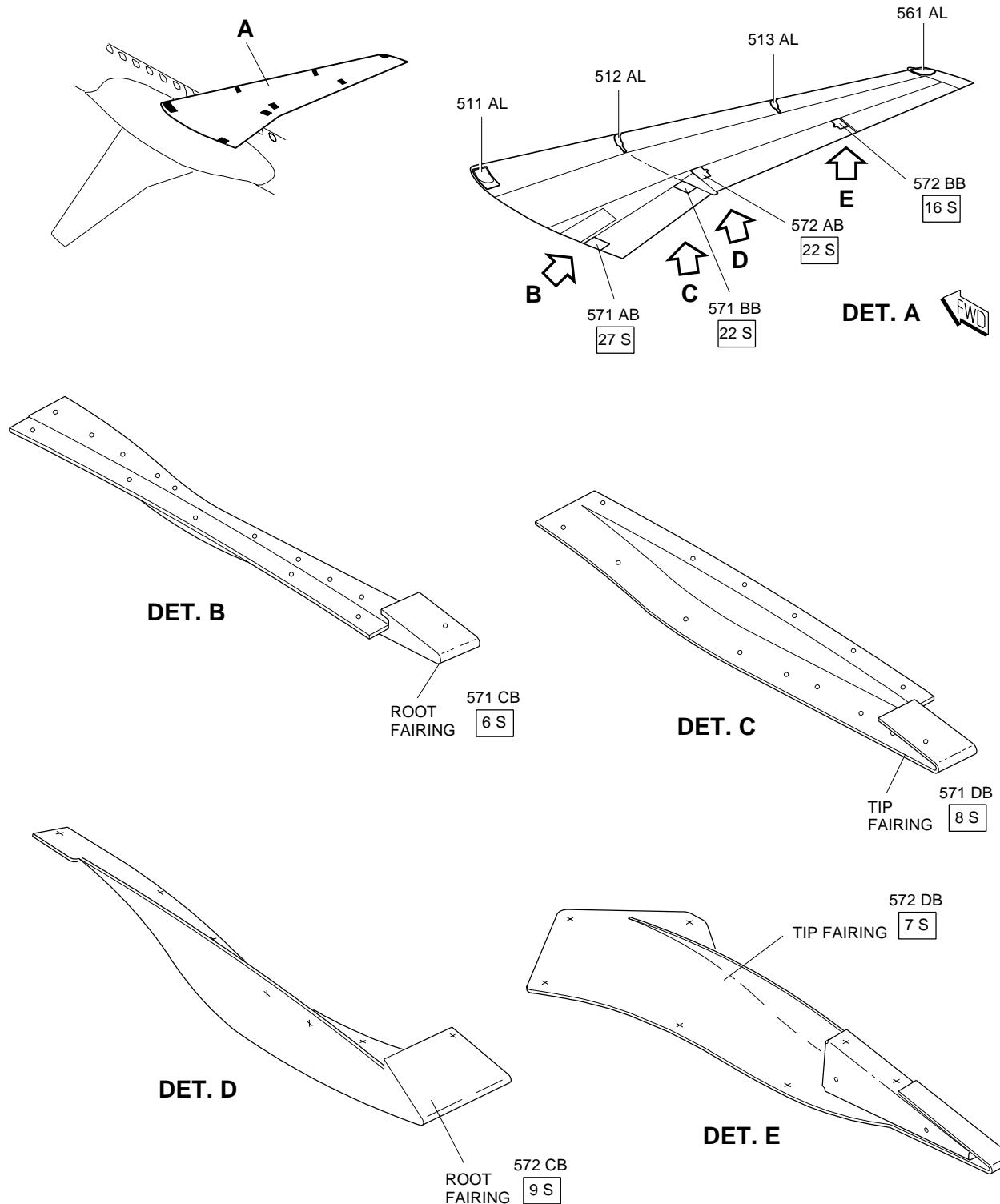


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EFFECTIVITY: ALL

Left Wing Leading Edge (Major Zone 500) Access Panels

Figure 102

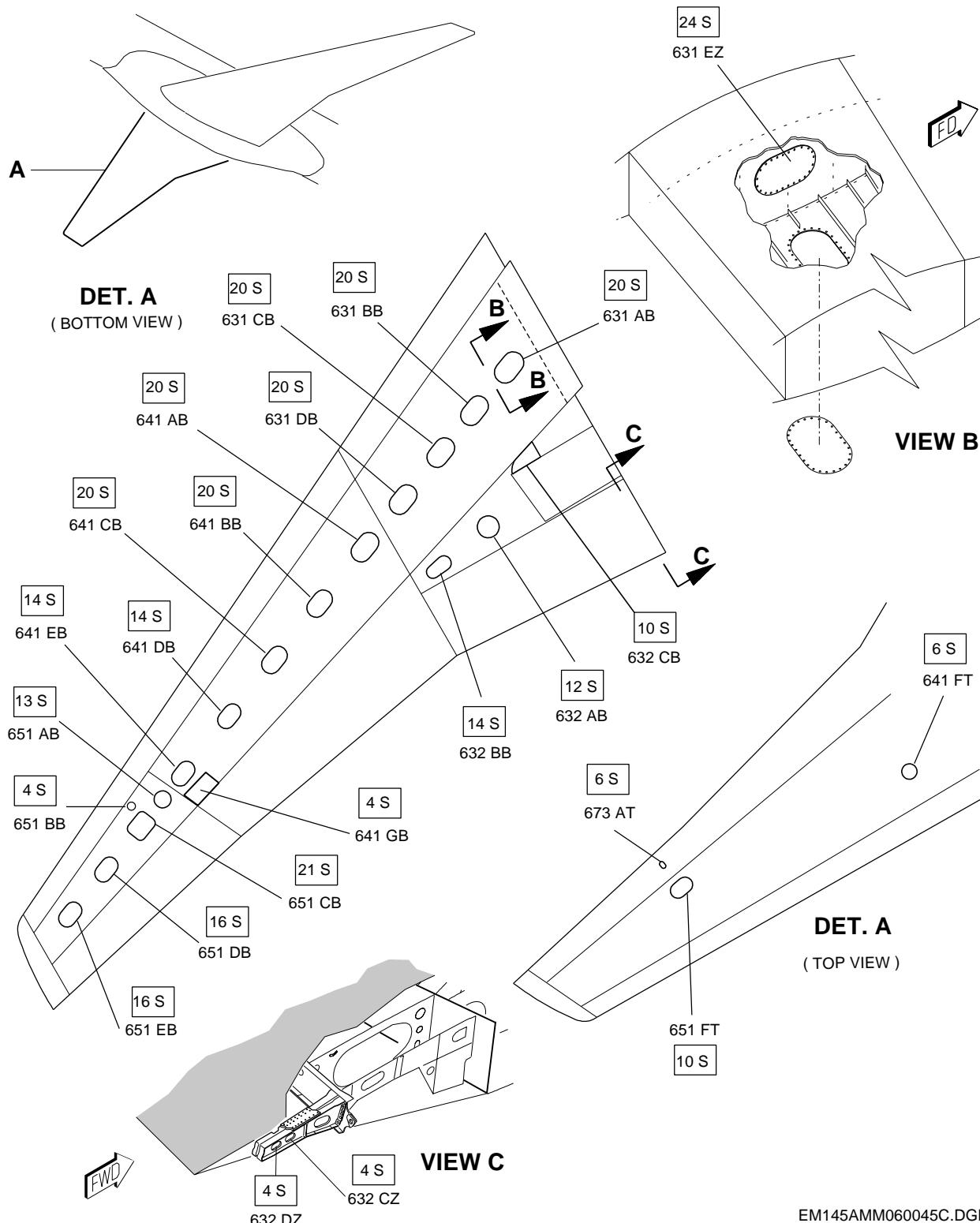


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EFFECTIVITY: ALL

Right Wing (Major Zone 600) Access Panels

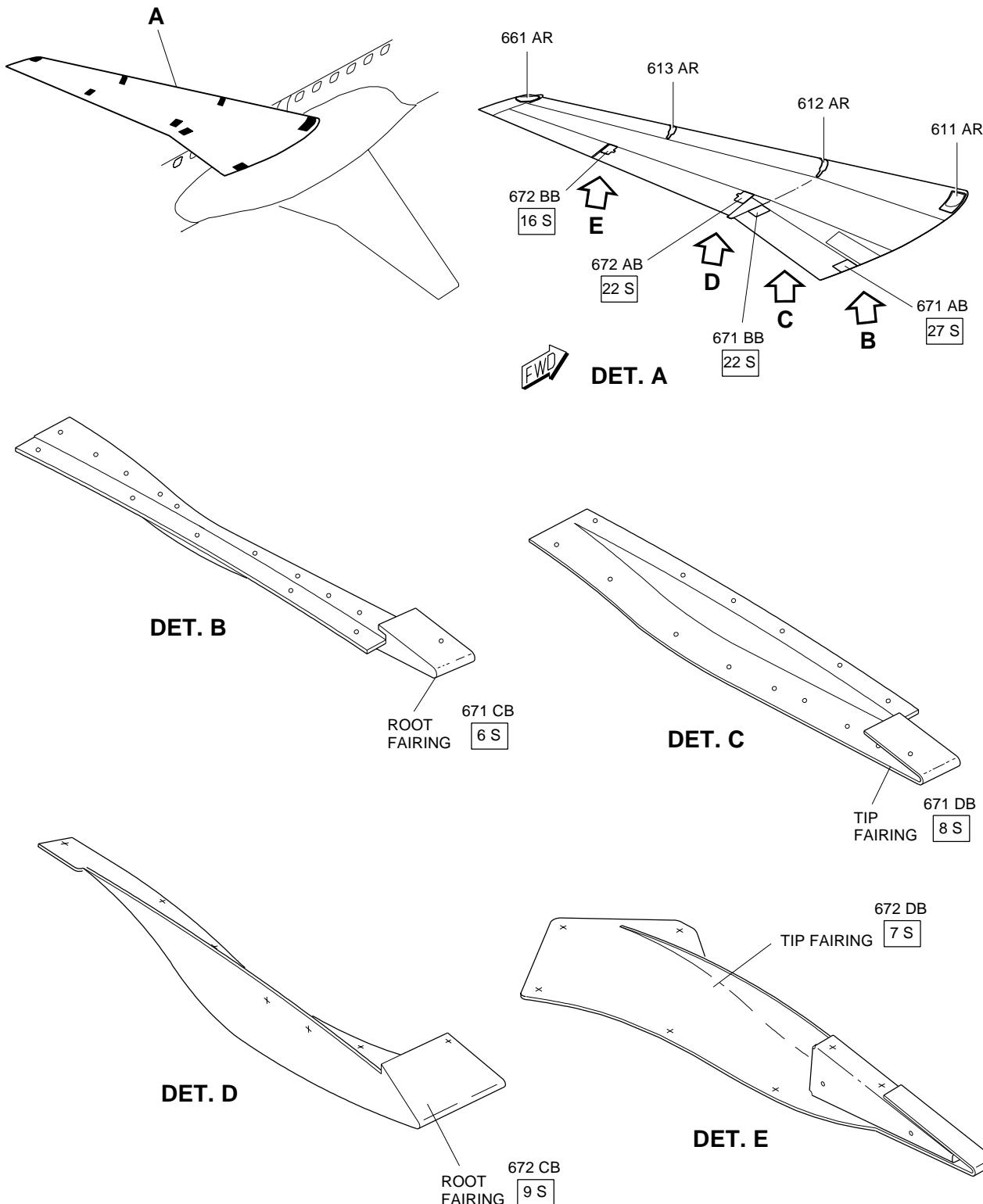
Figure 103



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EFFECTIVITY: ALL

Right Wing Leading Edge (Major Zone 600) Access Panels
Figure 104



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