

## FLIGHT GUIDANCE CONTROLLER - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to remove/install the Flight Guidance Controller (GC-550).
- B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
22-11-01-000-801-A	FLIGHT GUIDANCE CONTROLLER (GC-550) - REMOVAL	ALL
22-11-01-400-801-A	FLIGHT GUIDANCE CONTROLLER (GC-550) - INSTALLATION	ALL

TASK 22-11-01-000-801-A

*EFFECTIVITY: ALL*

## 2. FLIGHT GUIDANCE CONTROLLER (GC-550) - REMOVAL

### A. General

(1) This task gives the procedures to remove the Flight Guidance Controller (GC-550).

### B. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
223	223AZ	Glareshield panel

### C. Tools and Equipment

Not Applicable

### D. Auxiliary Items

Not Applicable

### E. Consumable Materials

Not Applicable

### F. Expandable Parts

Not Applicable

### G. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Glareshield panel

### H. Preparation

#### *SUBTASK 841-002-A*

(1) Open these circuit breakers and attach a DO-NOT-CLOSE tag to them.

(a) PUSH BUTTONS (Location Tip: DC BUS 2 / LIGHTS).

(b) PILOT PANEL (Location Tip: ESSENTIAL DC BUS 1 / LIGHTS).

(c) AP 1 (Location Tip: DC BUS 1 / FLIGHTS CONTROLS).

### I. Removal (Figure 401)

#### *SUBTASK 020-002-A*

(1) Loosen the Dzus fasteners (1) (4 positions).

(2) Carefully pull GC-550 (2) from its housing to get access to the electrical connector (3).

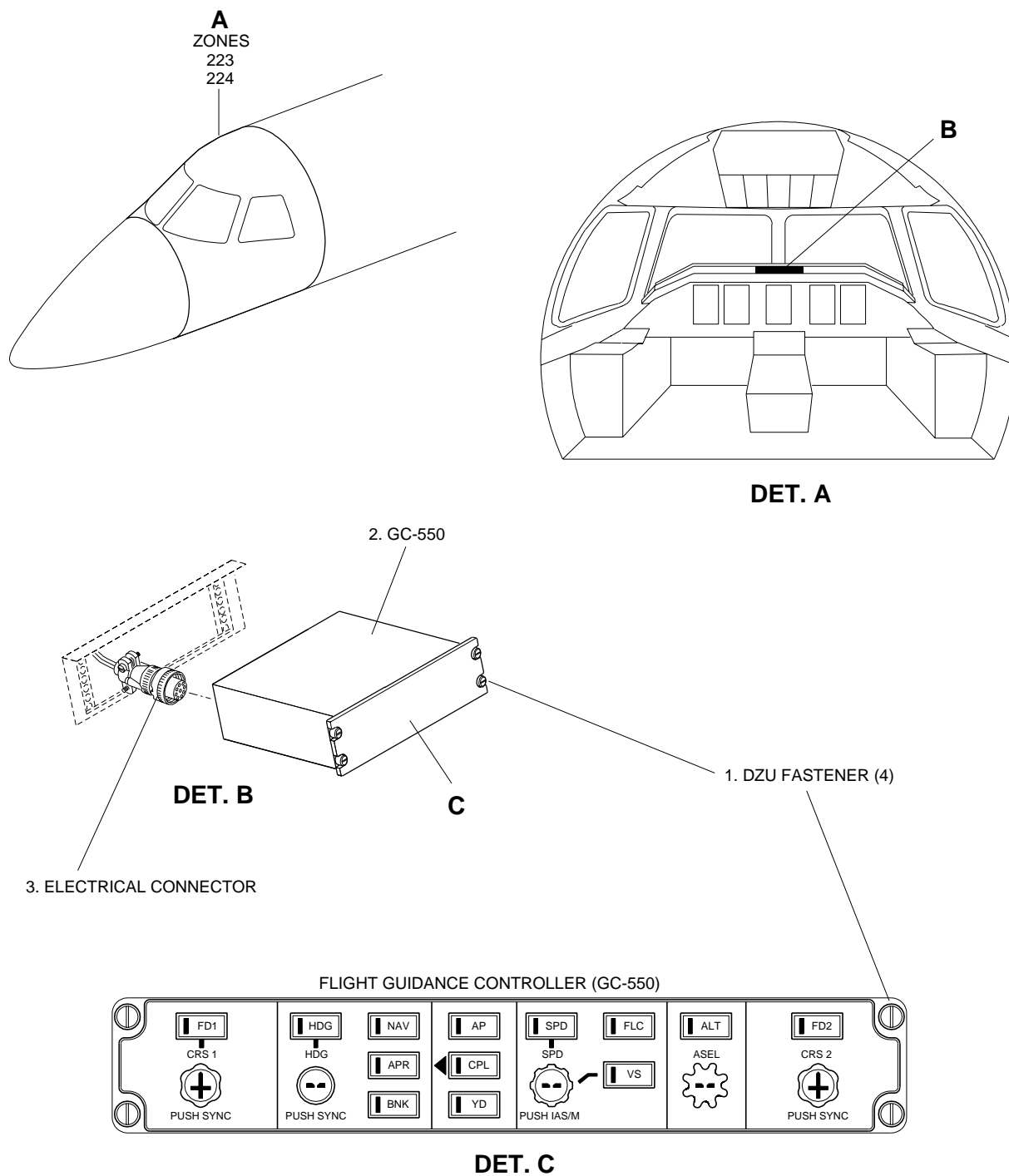
(3) Disconnect the electrical connector (3) from GC-550 (2).

(4) Install protection caps on the electrical connector (3).

EFFECTIVITY: ALL

Flight Guidance Controller (GC-550) - Removal/Installation

Figure 401



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TASK 22-11-01-400-801-A

EFFECTIVITY: ALL

### 3. FLIGHT GUIDANCE CONTROLLER (GC-550) - INSTALLATION

#### A. General

(1) This task gives the procedures to install the Flight Guidance Controller (GC-550).

#### B. References

REFERENCE	DESIGNATION
AMM TASK 22-11-00-700-801-A/500	AUTOPILOT GO-AROUND MODE - OPERATIONAL CHECK

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223AZ	Glareshield panel

#### D. Tools and Equipment

Not Applicable

#### E. Auxiliary Items

Not Applicable

#### F. Consumable Materials

Not Applicable

#### G. Expandable Parts

Not Applicable

#### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Glareshield panel

#### I. Installation (Figure 401)

##### SUBTASK 420-002-A

- (1) Remove the protection caps from the electrical connector (3).
- (2) Hold GC-550 (2) and connect the electrical connector (3).
- (3) Carefully install GC-550 (2) in its housing.
- (4) Tighten the Dzus fasteners (1) (4 positions).

#### J. Follow-on

##### SUBTASK 842-002-A

- (1) Close these circuit breakers and remove the DO-NOT-CLOSE tag from them.
  - (a) PUSH BUTTONS (Location Tip: DC BUS 2 / LIGHTS).

- (b) PILOT PANEL (Location Tip: ESSENTIAL DC BUS 1 / LIGHTS).
- (c) AP 1 (Location Tip: DC BUS 1 / FLIGHTS CONTROLS).
- (2) Do the operational check of the Autopilot Go-Around Mode ( [AMM TASK 22-11-00-700-801-A/500](#)).

