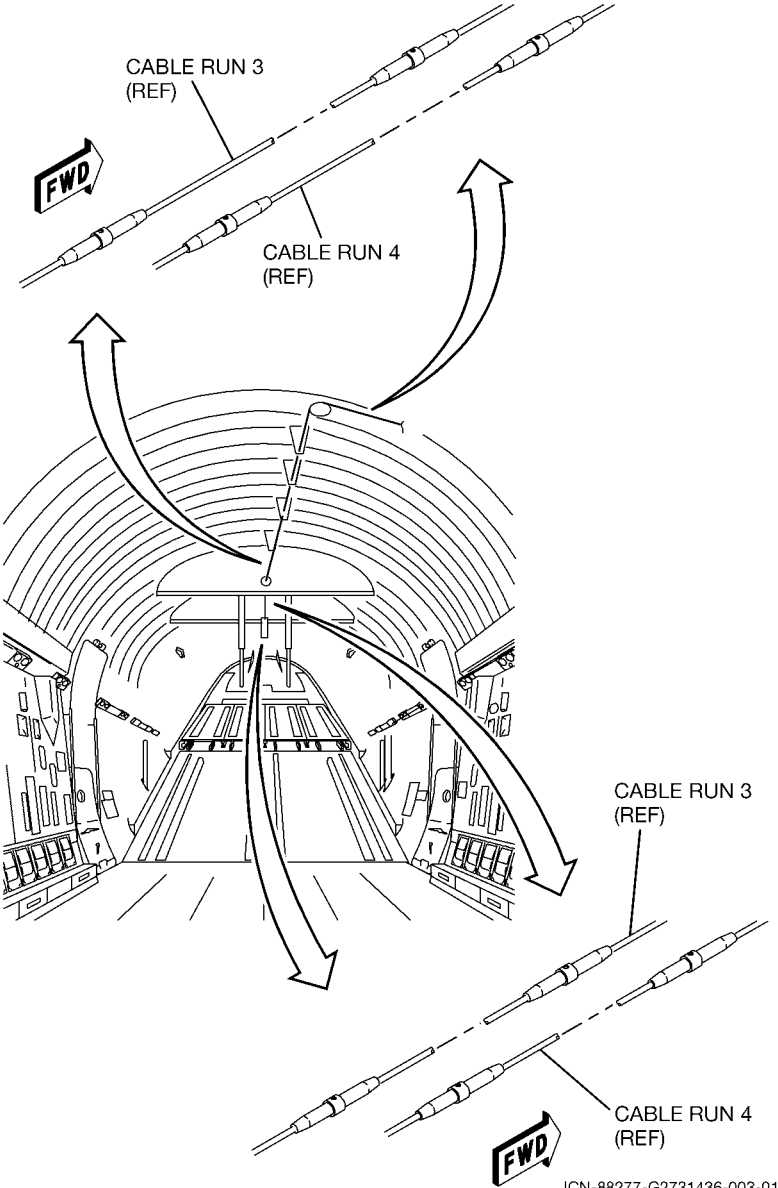


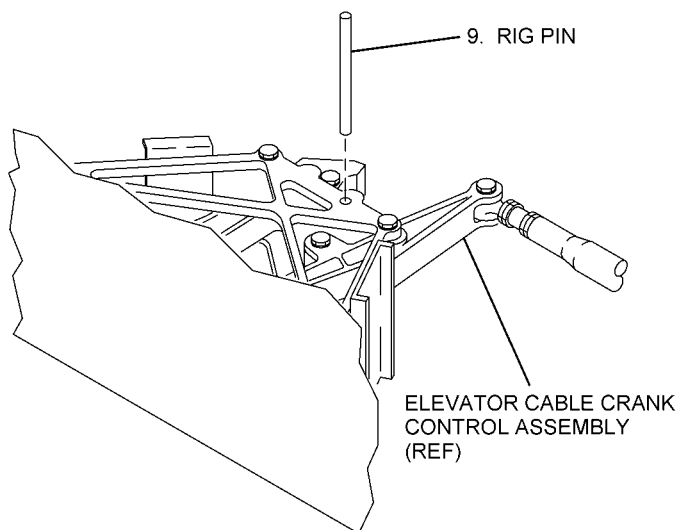
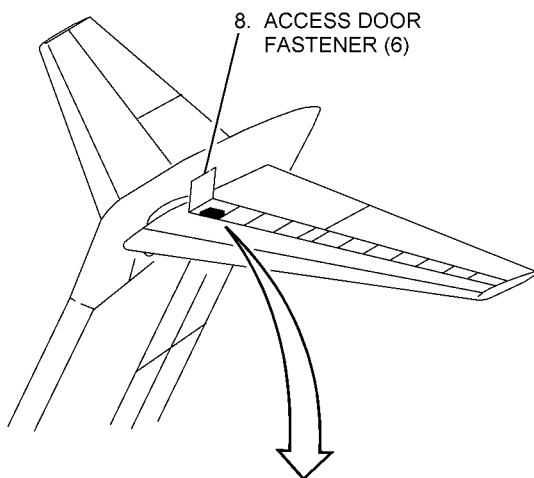
ICN-88277-G2731435-005-01



ICN-88277-G2731436-003-01

TO 1300i-2-27JG-30-1

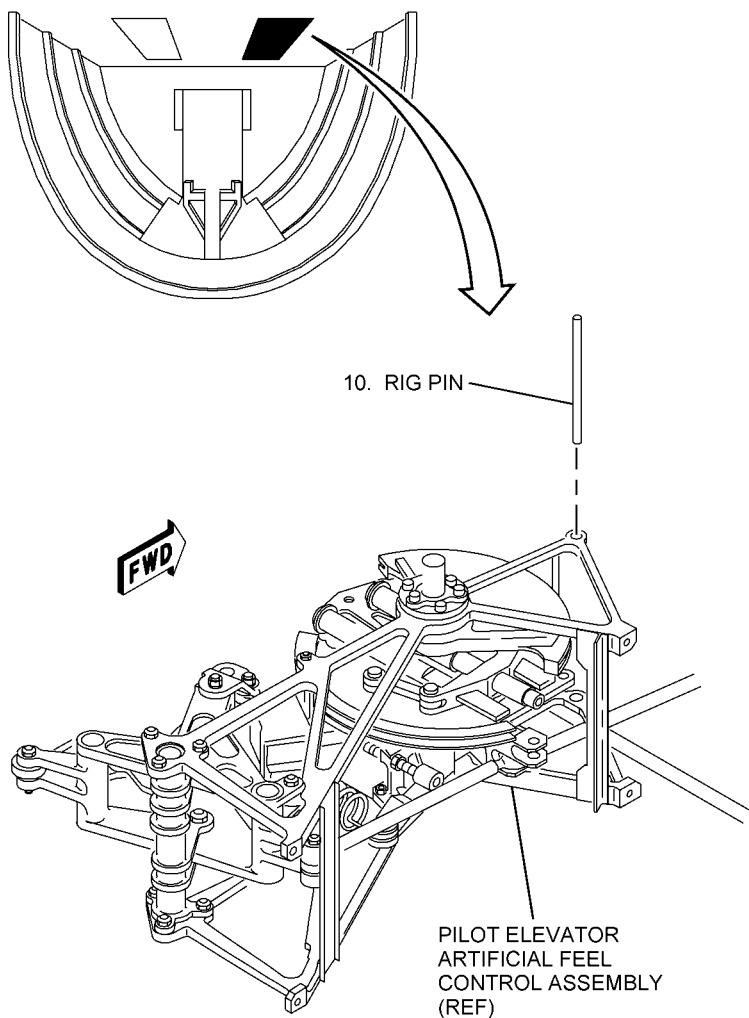
3. DELETED.
4. DELETED.
5. DELETED.
6. DELETED.
7. Enter horizontal stabilizer (00-00-02).
8. (A) Loosen fasteners and open access door (313ATD).
9. (A) Install rig pin 5-5 in elevator cable crank control assembly.



ICN-88277-G2731429-004-01

TO 1300i-2-27JG-30-1

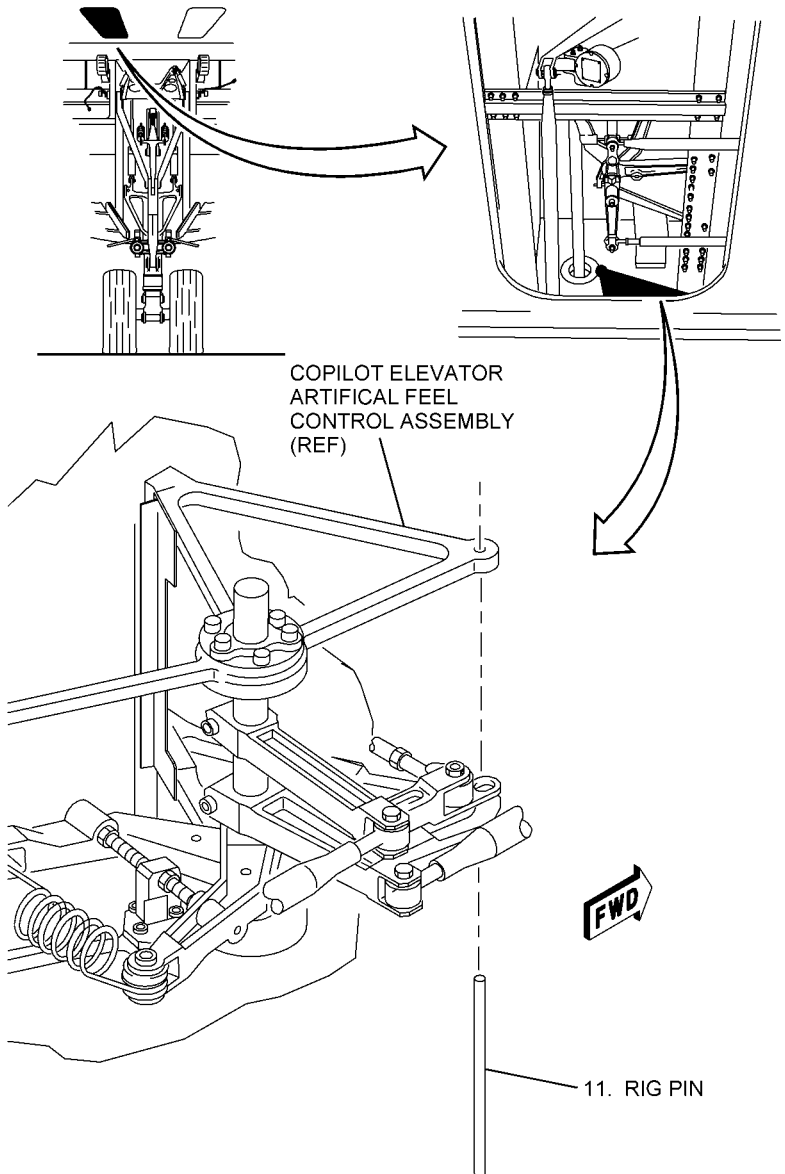
10. (A) Install rig pin 5-10 in pilot elevator artificial feel control assembly.



ICN-88277-G2731542-003-01

TO 1300i-2-27JG-30-1

11. (A) Install rig pin 5-10 in copilot elevator artificial feel control assembly.

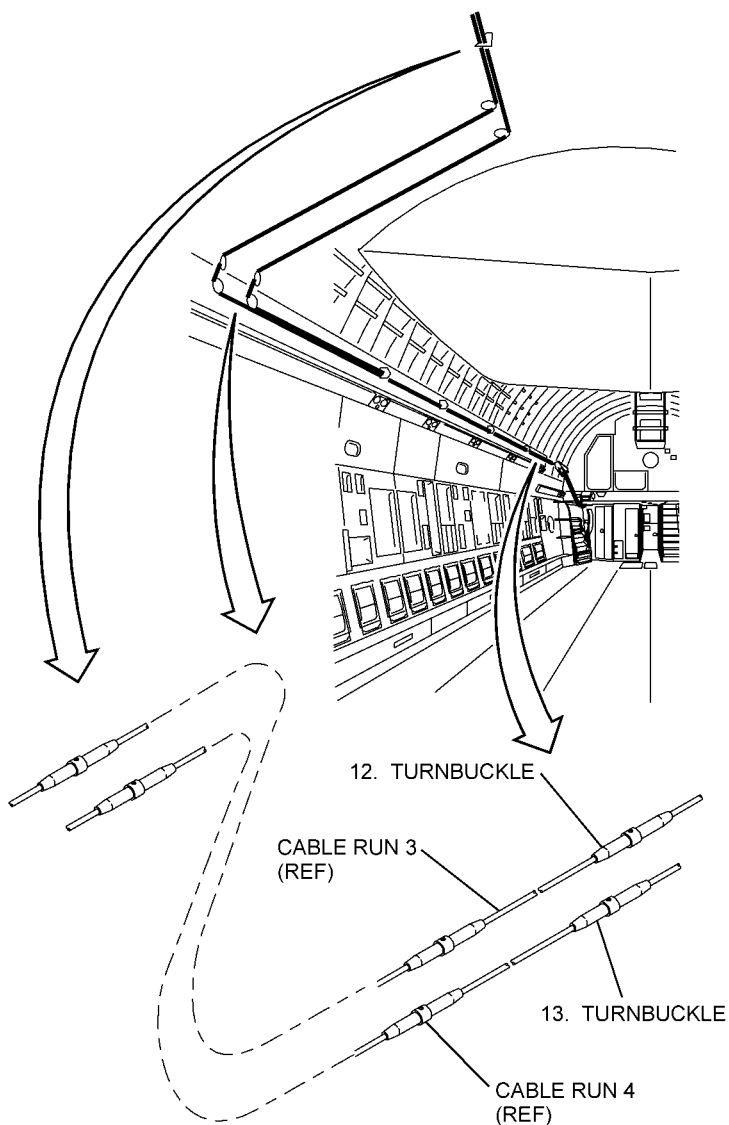


ICN-88277-G2731543-004-01

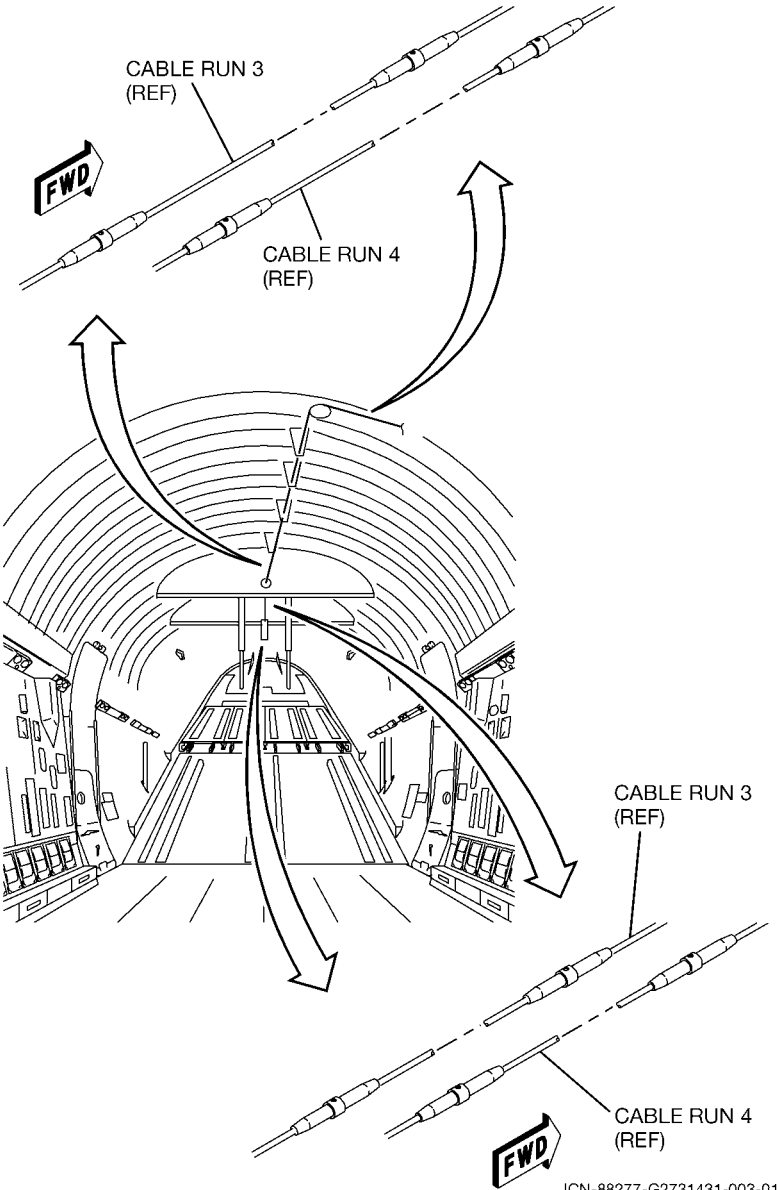


A maximum of three cable terminal threads are allowed to be exposed at each end of turnbuckle barrel after adjusting cable tension. Failure to comply may cause damage to aircraft or equipment.

12. (A) Adjust turnbuckle on cable run 3.
13. (A) Adjust turnbuckle on cable run 4.



ICN-88277-G2731430-004-01



ICN-88277-G2731431-003-01

14. (A,B) Observe pilot elevator artificial feel control assembly compensation scale for correct tension (para. 1-15).
 - Compensation scale reading is 14 1/2 to 15 1/2 unit @ 70° F.

NOTE

Rig pin can be removed freely without any binding or resistance.

15. (A) Remove rig pin 5-10 in pilot elevator artificial feel control assembly.

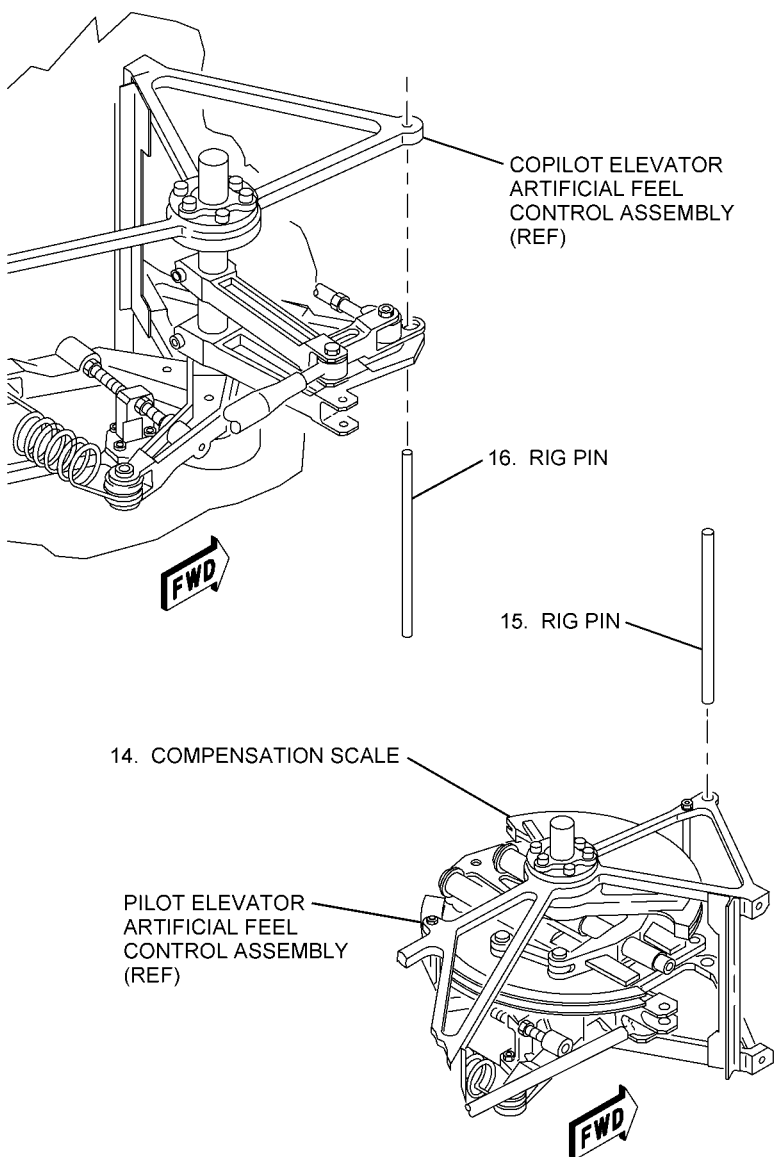
SPECIAL INSTRUCTION. When rig pin cannot be removed freely reinstall rig pin and repeat steps 12 through 14 as required.

NOTE

Rig pin can be removed freely without any binding or resistance.

16. (A) Remove rig pin 5-10 in copilot elevator artificial feel control assembly.

SPECIAL INSTRUCTION. When rig pin cannot be removed freely reinstall rig pin and repeat steps 12 through 14 as required.



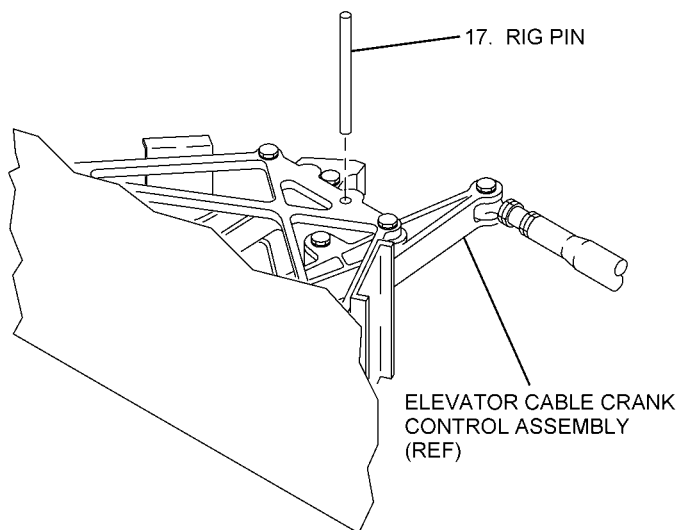
ICN-88277-G2731544-003-01

NOTE

Rig pin can be removed freely without any binding or resistance.

17. (A) Remove rig pin 5-5 in elevator cable crank control assembly.

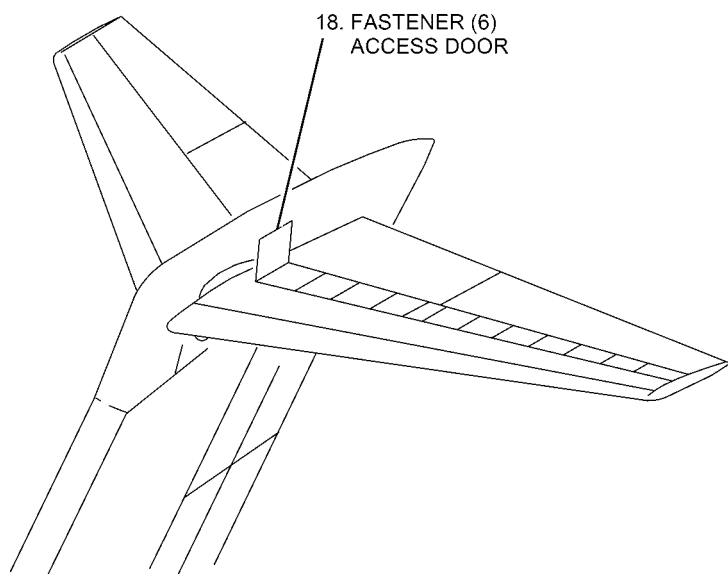
SPECIAL INSTRUCTION. When rig pin cannot be removed freely reinstall rig pin and repeat steps 12 through 14 as required.



ICN-88277-G2731545-003-01

TO 1300i-2-27JG-30-1

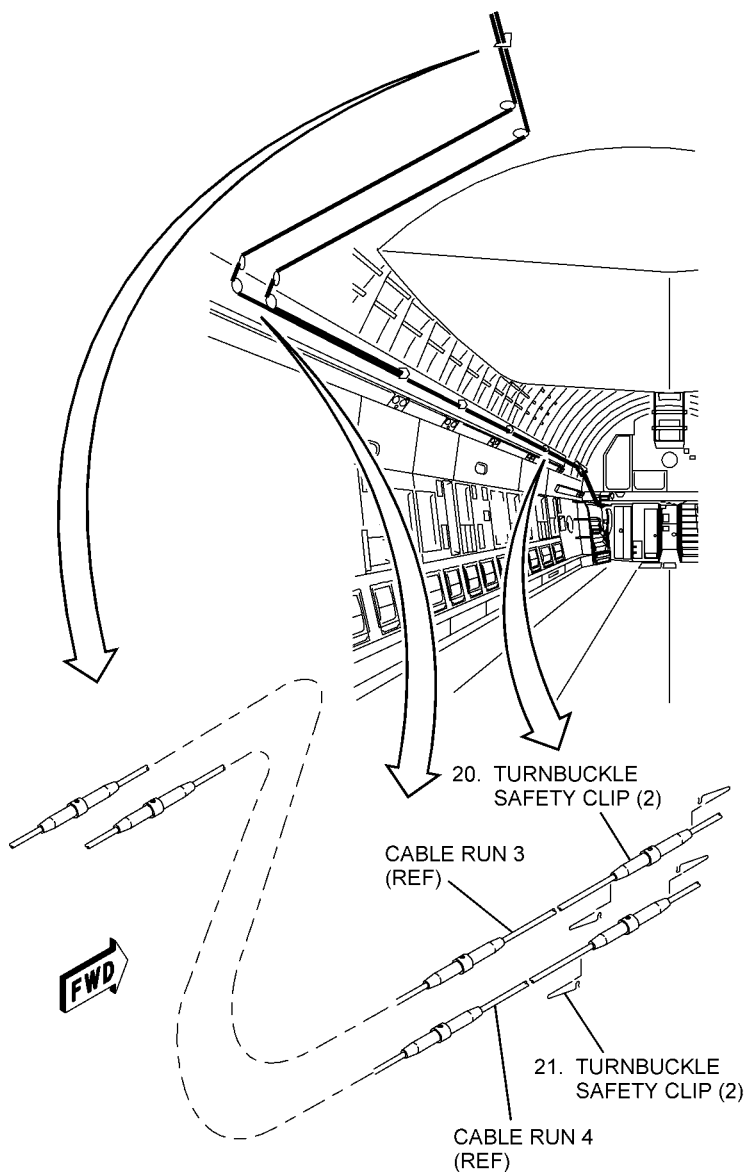
18. (A) Close access door and tighten fasteners (313ATD).
19. Exit horizontal stabilizer (00-00-02).



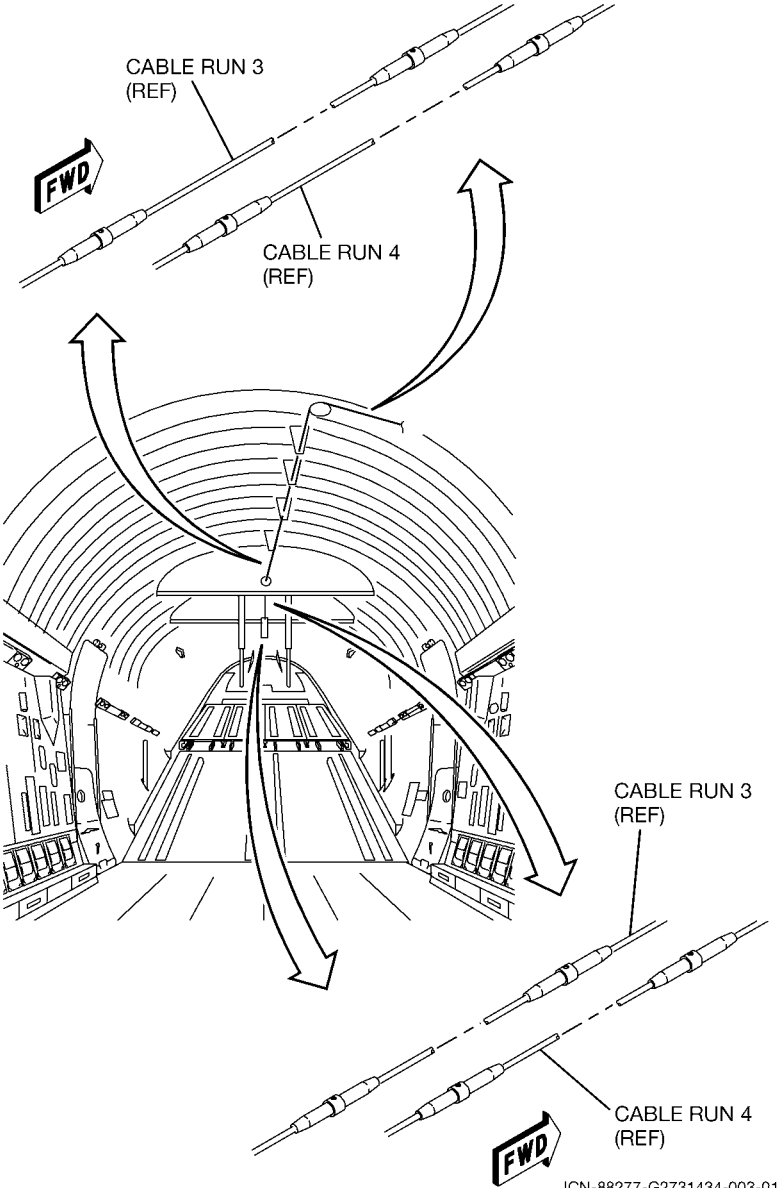
ICN-88277-G2731642-002-01

TO 1300i-2-27JG-30-1

- 20. (A) Align turnbuckle and install safety clips on cable run 3.
 - 21. (A) Align turnbuckle and install safety clips on cable run 4.
 - 22. DELETED.
 - 23. Install horizontal pressure panel access cover assemblies (53-12-10).
- | PANEL NO. | PANEL REF DES |
|-----------|---------------|
| 112AZP | 5312CA001 |
| 112BZP | 5312CA002 |
- 24. DELETED.
 - 25. DELETED.
 - 26. Perform maintenance interphone shutdown (23-41-02, task 02-4).



ICN-88277-G2731433-005-01



ICN-88277-G2731434-003-01

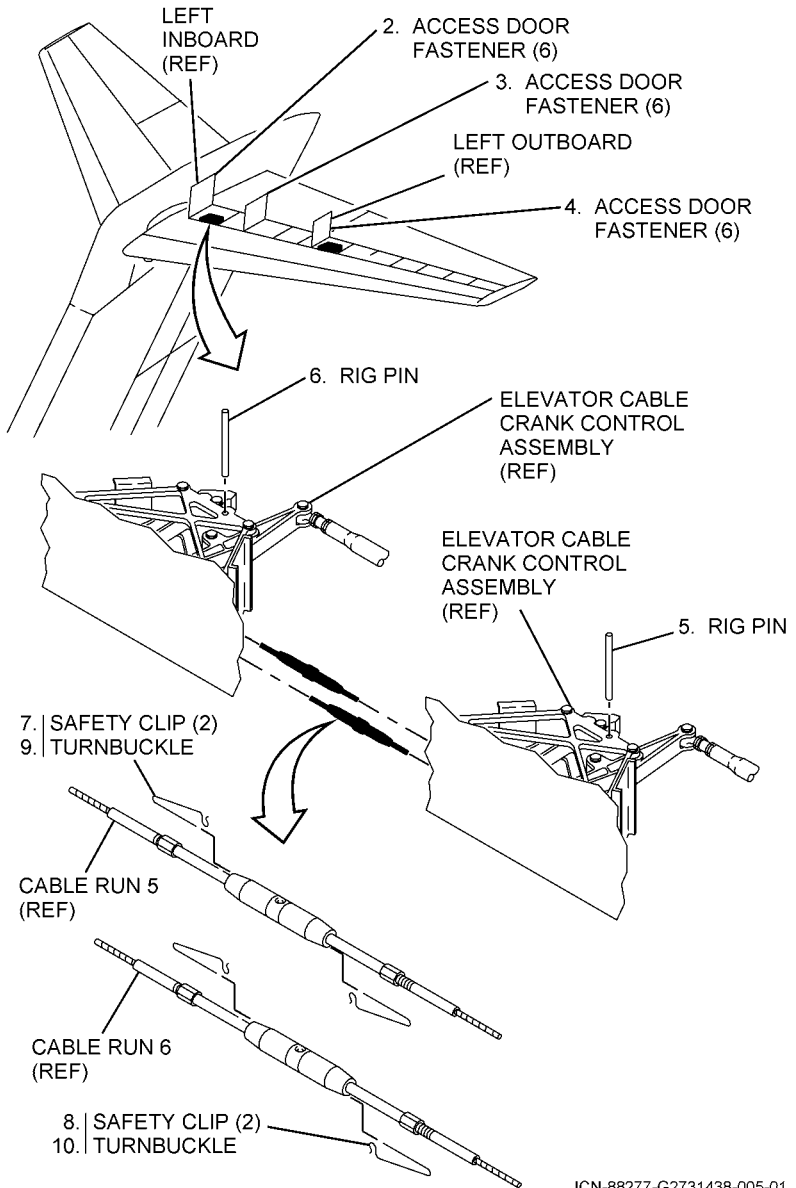
02-5. ELEVATOR CABLE CRANK CONTROL ASSEMBLY TO ELEVATOR CABLE CRANK CONTROL ASSEMBLY CABLE RUNS 5 & 6, ADJUSTMENT.

1. Perform maintenance interphone operation (23-41-02, task 02-3).
- 1A. Enter horizontal stabilizer (00-00-02).
2. Loosen fasteners and open access door (313ATD).
3. Loosen fasteners and open access door (313CTD).
4. Loosen fasteners and open access door (313ETD).
5. Install rig pin 5-5 in left outboard elevator cable crank control assembly.
6. Install rig pin 5-5 in left inboard elevator cable crank control assembly.
7. Remove and discard safety clips; loosen turnbuckle on cable run 5.
8. Remove and discard safety clips; loosen turnbuckle on cable run 6.



A maximum of three cable terminal threads shall be allowed to be exposed at each end of turnbuckle barrel after adjusting cable tension. Failure to comply may cause damage to aircraft or equipment.

9. Adjust turnbuckle on cable run 5.
 - 1/8 inch cable - 75 lb rig @ 70° F.
10. Adjust turnbuckle on cable run 6.
 - 1/8 inch cable - 75 lb rig @ 70° F.



ICN-88277-G2731438-005-01

11. Observe tensiometer for correct tension (para. 1-10).

- 1/8 inch cable - 75 lb rig @ 70° F.

NOTE

Rig pin can be removed freely without any binding or resistance.

12. Remove rig pin 5-5 in left outboard elevator cable crank control assembly.

SPECIAL INSTRUCTION. When rig pin cannot be removed freely reinstall rig pin and repeat steps 5 through 11 as required.

NOTE

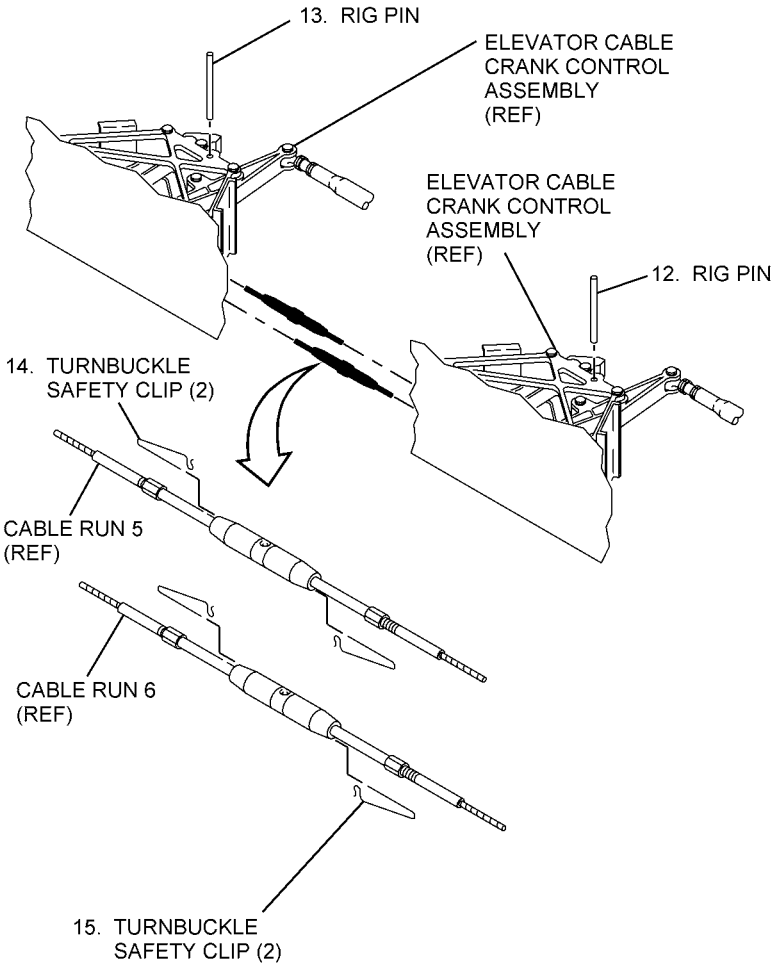
Rig pin can be removed freely without any binding or resistance.

13. Remove rig pin 5-5 in left inboard elevator cable crank control assembly.

SPECIAL INSTRUCTION. When rig pin cannot be removed freely reinstall rig pin and repeat steps 5 through 11 as required.

14. Align turnbuckle and install safety clips on cable run 5.

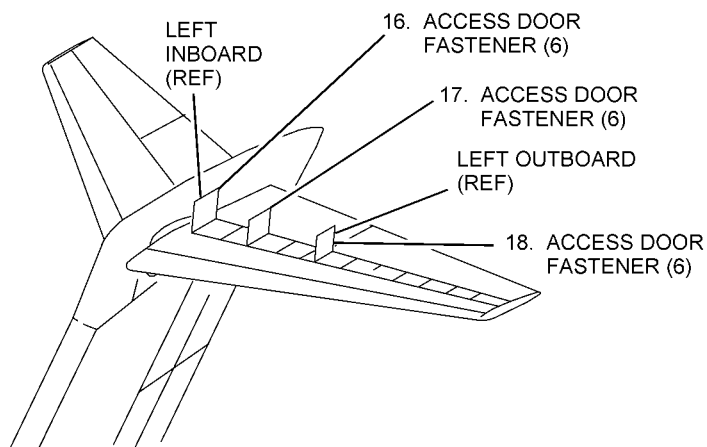
15. Align turnbuckle and install safety clips on cable run 6.



ICN-88277-G2731668-001-01

TO 1300i-2-27JG-30-1

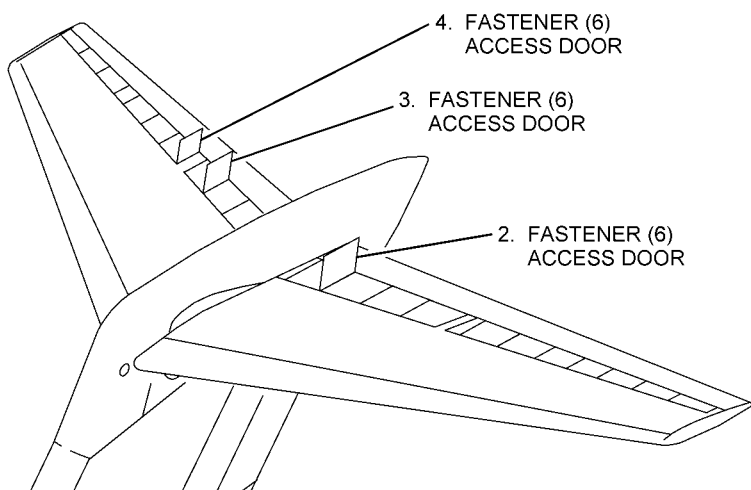
16. Close access door and tighten fasteners (313ATD).
17. Close access door and tighten fasteners (313CTD).
18. Close access door and tighten fasteners (313ETD).
19. Exit horizontal stabilizer (00-00-02).
20. Perform maintenance interphone shutdown (23-41-02, task 02-4).



ICN-88277-G2731645-002-01

**02-6. ELEVATOR CABLE CRANK CONTROL
ASSEMBLY TO ELEVATOR CABLE CRANK
CONTROL ASSEMBLY CABLE RUNS 7 & 8,
ADJUSTMENT.**

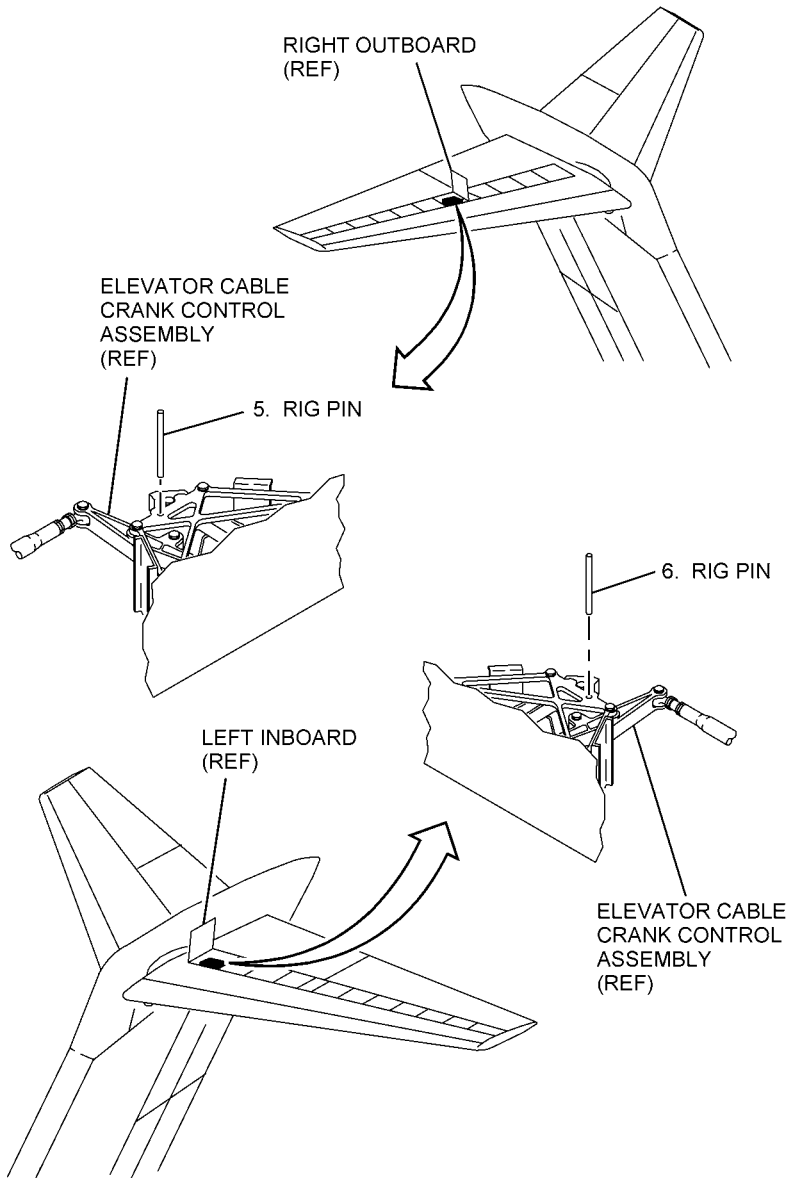
1. Perform maintenance interphone operation (23-41-02, task 02-3).
- 1A. Enter horizontal stabilizer (00-00-02).
2. Loosen fasteners and open access door (313ATD).
3. Loosen fasteners and open access door (323CTD).
4. Loosen fasteners and open access door (323ETD).



ICN-88277-G2731646-001-01

TO 1300i-2-27JG-30-1

5. Install rig pin 5-5 in right outboard elevator cable crank control assembly.
6. Install rig pin 5-5 in left inboard elevator cable crank control assembly.



ICN-88277-G2731548-003-01

7. Remove and discard safety clips; loosen turnbuckle on cable run 7.
8. Remove and discard safety clips; loosen turnbuckle on cable run 8.



A maximum of three cable terminal threads are allowed to be exposed at each end of turnbuckle barrel after adjusting cable tension. Failure to comply may cause damage to aircraft or equipment.

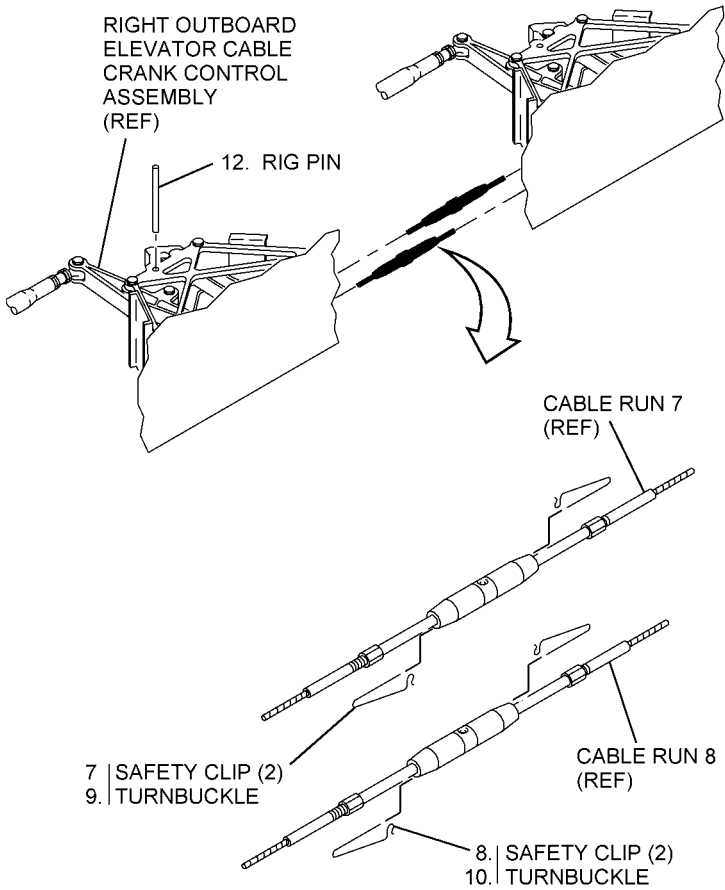
9. Adjust turnbuckle on cable run 7.
 - 1/8 inch cable - 75 lb rig @ 70° F.
10. Adjust turnbuckle on cable run 8.
 - 1/8 inch cable - 75 lb rig @ 70° F.
11. Observe tensiometer for correct tension (para 1-10).
 - 1/8 inch cable - 75 lb rig @ 70° F.

NOTE

Rig pin can be removed freely without any binding or resistance.

12. Remove rig pin 5-5 in right outboard elevator cable crank control assembly.

SPECIAL INSTRUCTION. When rig pin cannot be removed freely reinstall rig pin and repeat steps 5 through 11 as required.



ICN-88277-G2731470-008-01

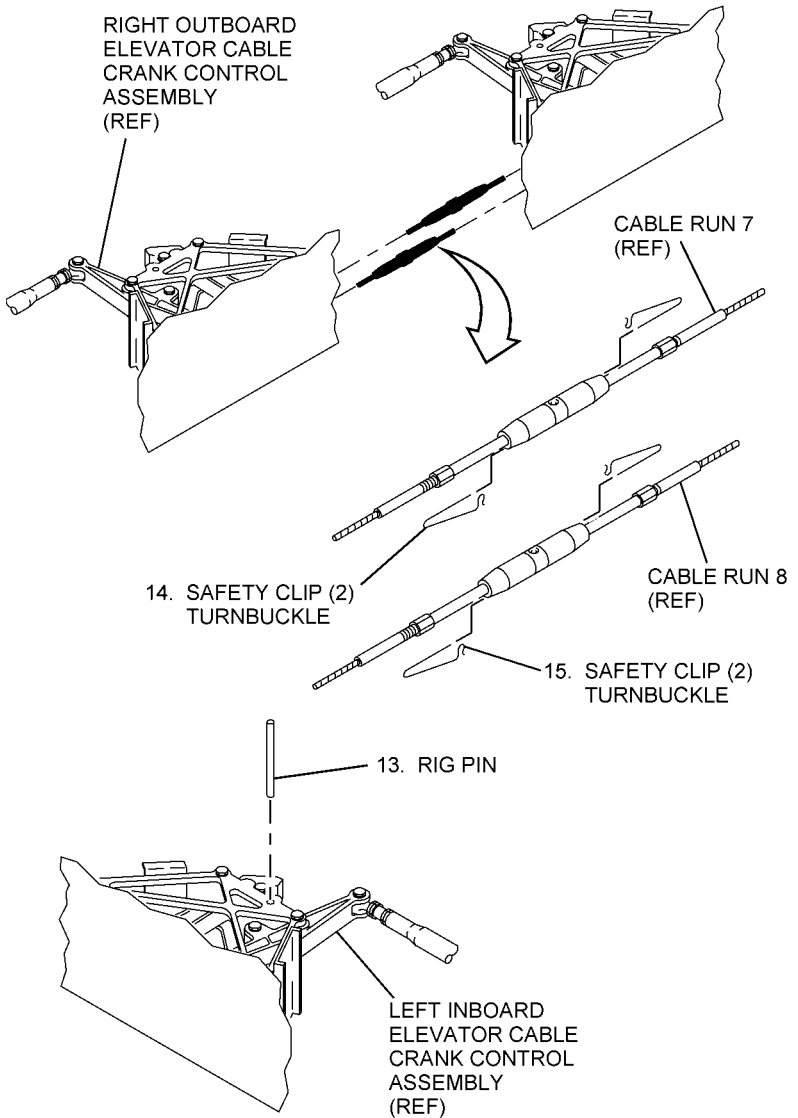
NOTE

Rig pin can be removed freely without any binding or resistance.

13. Remove rig pin 5-5 in left inboard elevator cable crank control assembly.

SPECIAL INSTRUCTION. When rig pin cannot be removed freely reinstall rig pin and repeat steps 5 through 11 as required.

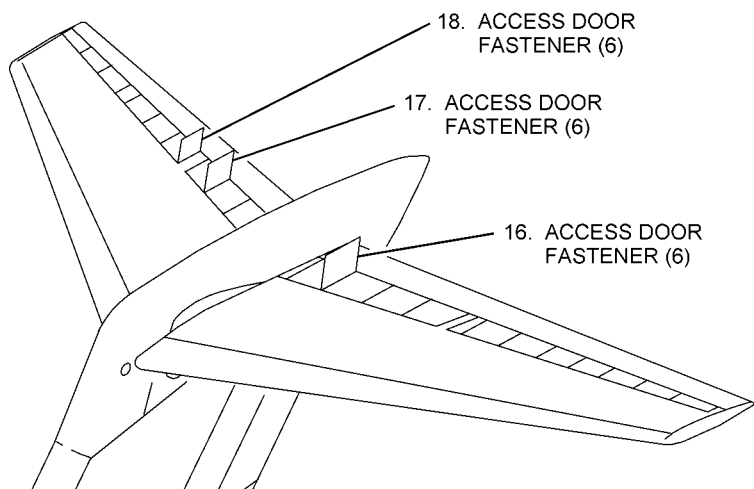
14. Align turnbuckle and install safety clips on cable run 7.
15. Align turnbuckle and install safety clips on cable run 8.



ICN-88277-G2731669-001-01

TO 1300i-2-27JG-30-1

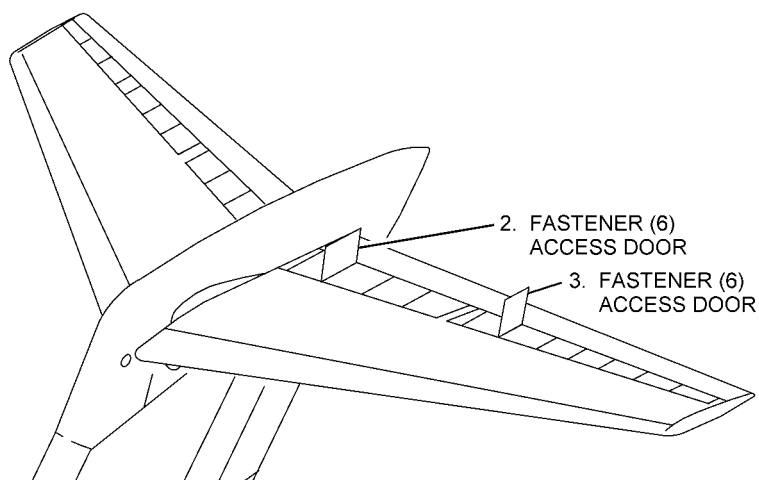
16. Close access door and tighten fasteners (313ATD).
17. Close access door and tighten fasteners (323CTD).
18. Close access door and tighten fasteners (323ETD).
19. Exit horizontal stabilizer (00-00-02).
20. Perform maintenance interphone shutdown (23-41-02, task 02-4).



ICN-88277-G2731648-002-01

**02-7. ELEVATOR CABLE CRANK ASSEMBLY TO
ELEVATOR INTEGRATED FLIGHT CONTROL
MODULE INPUT CONNECTING LINK
ADJUSTMENT.**

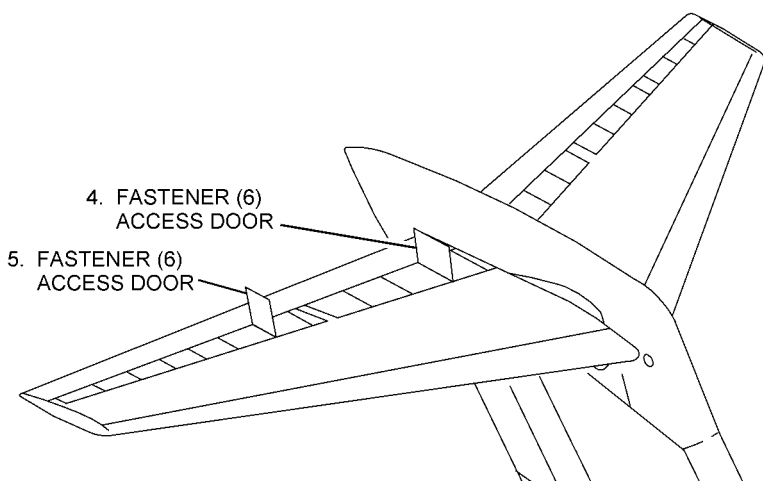
1. Perform maintenance interphone operation (23-41-02, task 02-3).
- 1A. Enter horizontal stabilizer (00-00-02).
2. Loosen fasteners and open access door (313ATD).
3. Loosen fasteners and open access door (313ETD).



ICN-88277-G2731656-001-01

TO 1300i-2-27JG-30-1

4. Loosen fasteners and open access door (323ATD).
5. Loosen fasteners and open access door (323ETD).
6. Operate auxiliary hydraulic system (29-20-01, task 01-1).

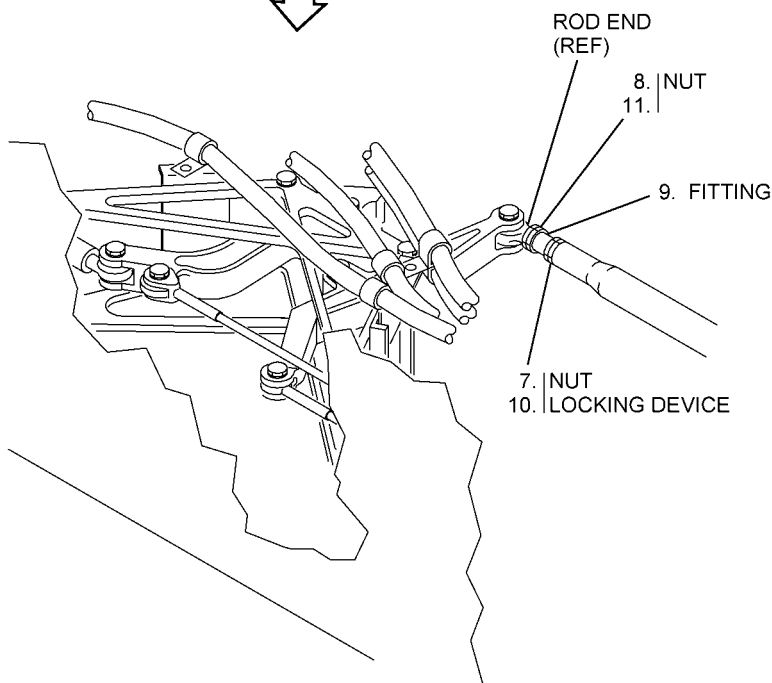
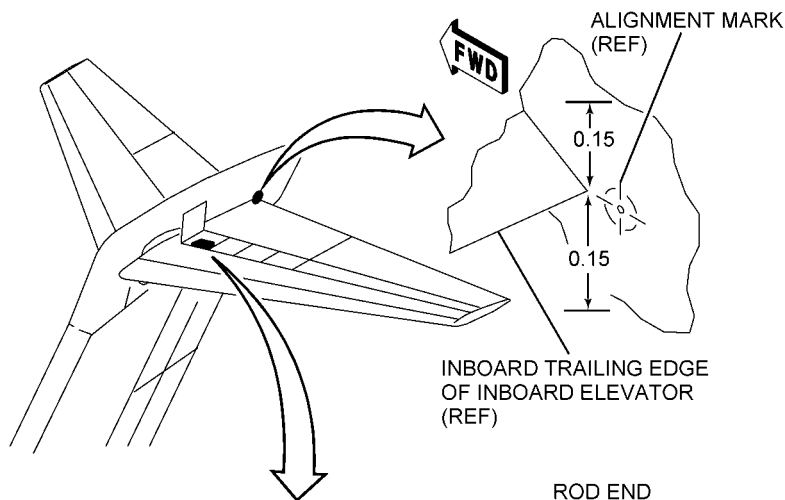


ICN-88277-G2731657-001-01

WARNING

Elevator input connecting link shall not be disconnected to make adjustments. Adjustments shall be made with input link connected to prevent uncontrolled elevator movement. Adjustments with link connected will still cause some movement of flight control surface. Use extreme caution and keep flight control surfaces clear of personnel and equipment while adjusting linkage. Failure to comply may cause injury to personnel and damage to equipment.

7. Remove safety wire; loosen nut and disconnect locking device.
8. Loosen nut on rod end.
9. Adjust fitting until inboard trailing edge of inboard elevator is within 0.15 inch above or below alignment mark.
10. Position locking device and tighten nut; secure with safety wire.
11. Tighten nut on rod end.



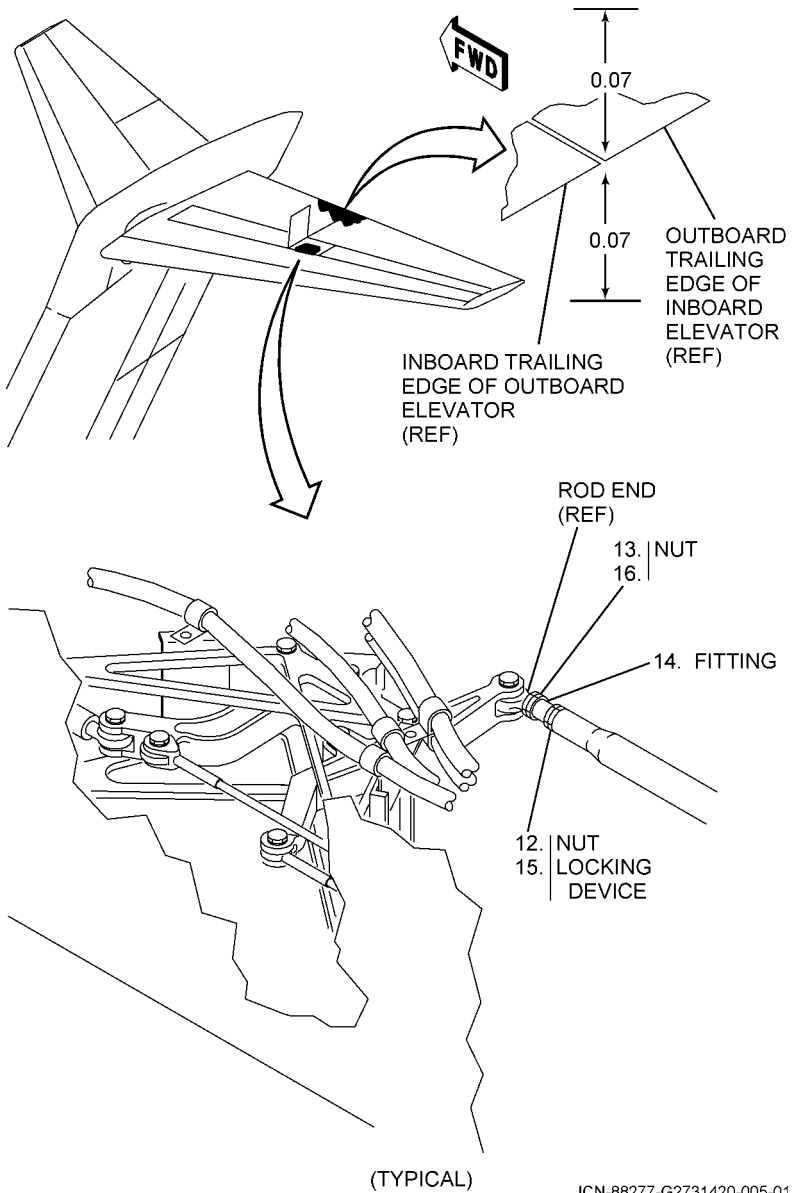
(TYPICAL)

ICN-88277-G2731419-005-01

WARNING

Elevator input connecting link shall not be disconnected to make adjustments. Adjustments shall be made with input link connected to prevent uncontrolled elevator movement. Adjustments with link connected will still cause some movement of flight control surface. Use extreme caution and keep flight control surfaces clear of personnel and equipment while adjusting linkage. Failure to comply may cause injury to personnel and damage to equipment.

12. Remove safety wire; loosen nut and disconnect locking device.
13. Loosen nut on rod end.
14. Adjust fitting until inboard trailing edge of elevator is within 0.07 inch above or below outboard edge of inboard elevator.
15. Position locking device and tighten nut; secure with safety wire.
16. Tighten nut on rod end.

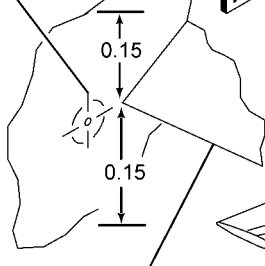


WARNING

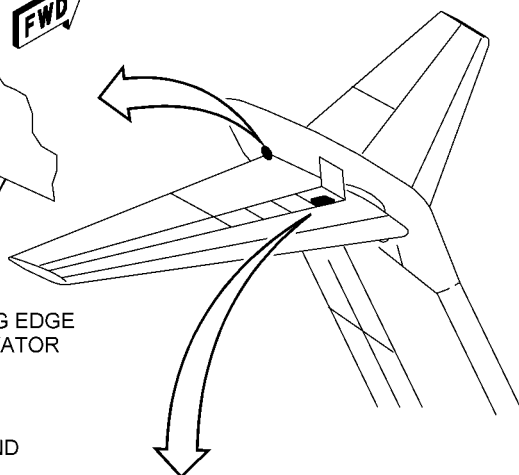
Elevator input connecting link shall not be disconnected to make adjustments. Adjustments shall be made with input link connected to prevent uncontrolled elevator movement. Adjustments with link connected will still cause some movement of flight control surface. Use extreme caution and keep flight control surfaces clear of personnel and equipment while adjusting linkage. Failure to comply may cause injury to personnel and damage to equipment.

17. Remove safety wire; loosen nut and disconnect locking device.
18. Loosen nut on rod end.
19. Adjust fitting until inboard trailing edge of inboard elevator is within 0.15 inch above or below alignment mark.
20. Position locking device and tighten nut; secure with safety wire.
21. Tighten nut on rod end.

ALIGNMENT MARK
(REF)



INBOARD TRAILING EDGE
OF INBOARD ELEVATOR
(REF)

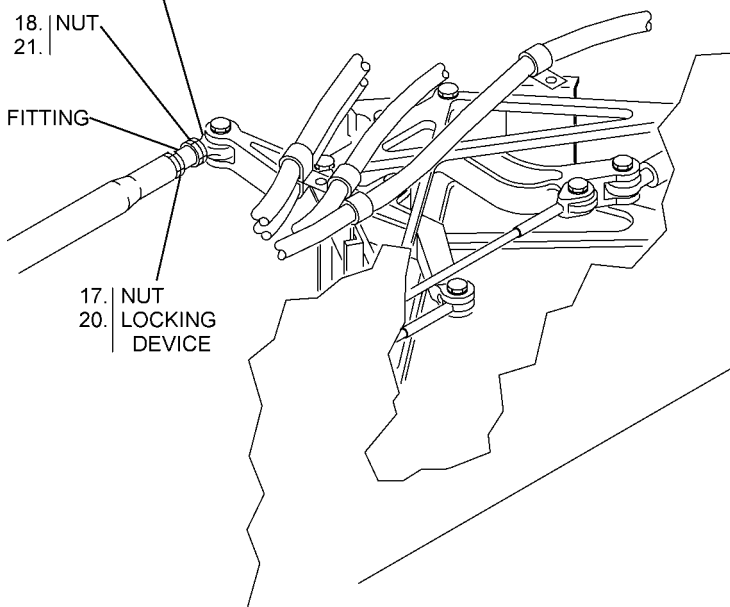


ROD END
(REF)

18. NUT
21.

19. FITTING

17. NUT
20. LOCKING
DEVICE



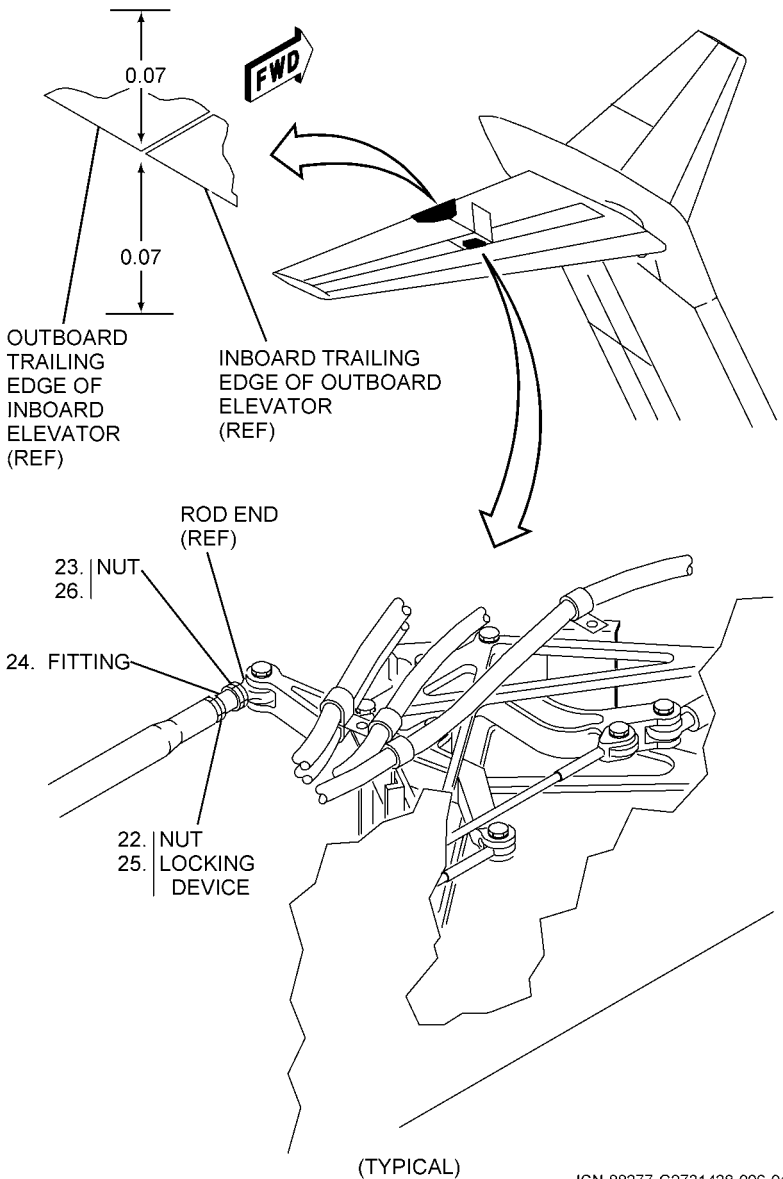
(TYPICAL)

ICN-88277-G2731421-005-01

WARNING

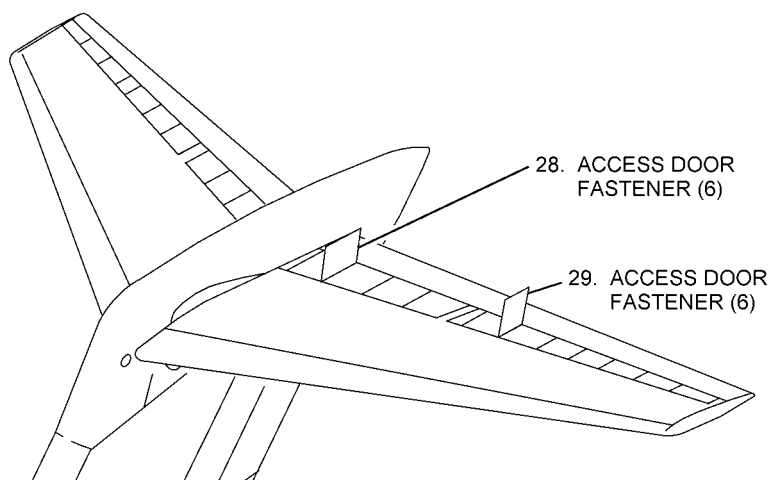
Elevator input connecting link shall not be disconnected to make adjustments. Adjustments shall be made with input link connected to prevent uncontrolled elevator movement. Adjustments with link connected will still cause some movement of flight control surface. Use extreme caution and keep flight control surfaces clear of personnel and equipment while adjusting linkage. Failure to comply may cause injury to personnel and damage to equipment.

22. Remove safety wire; loosen nut and disconnect locking device.
23. Loosen nut on rod end.
24. Adjust fitting until inboard trailing edge of elevator is within 0.07 inch above or below outboard edge of inboard elevator.
25. Position locking device and tighten nut; secure with safety wire.
26. Tighten nut on rod end.
27. Shutdown auxiliary hydraulic system (29-20-01, task 01-2).



TO 1300i-2-27JG-30-1

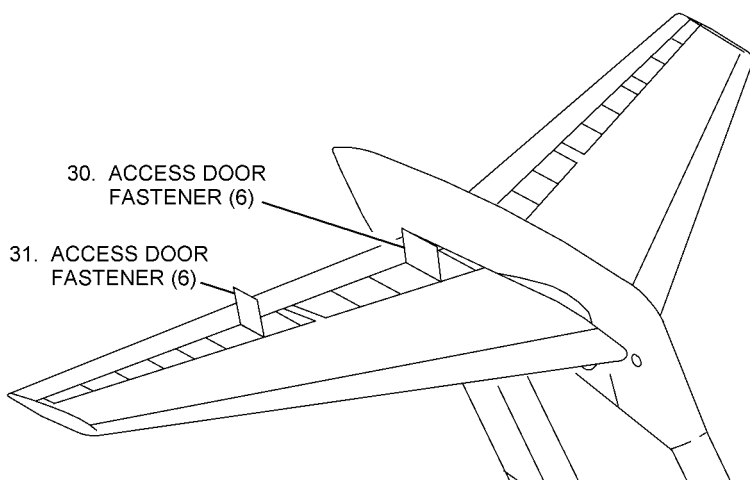
28. Close access door and tighten fasteners (313ATD).
29. Close access door and tighten fasteners (313ETD).



ICN-88277-G2731654-001-01

TO 1300i-2-27JG-30-1

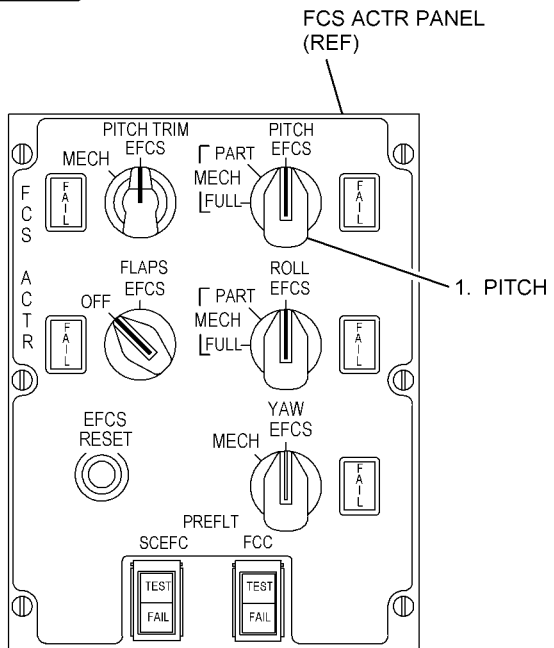
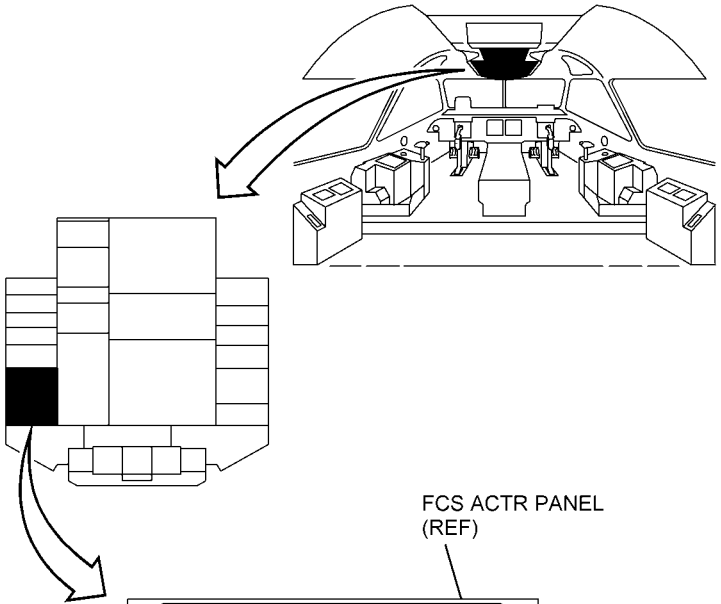
30. Close access door and tighten fasteners (323ATD).
31. Close access door and tighten fasteners (323ETD).
32. Exit horizontal stabilizer (00-00-02).
33. Perform maintenance interphone shutdown (23-41-02, task 02-4).



ICN-88277-G2731655-001-01

02-8. FOLLOW-ON MAINTENANCE.

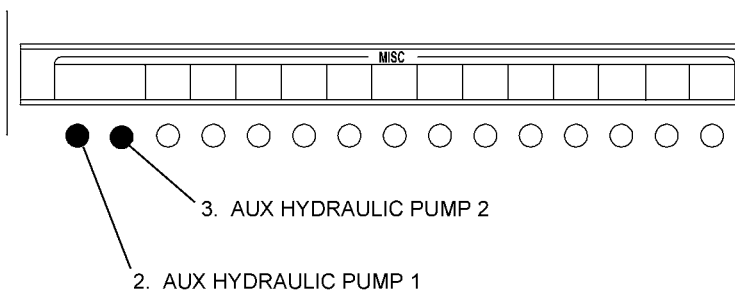
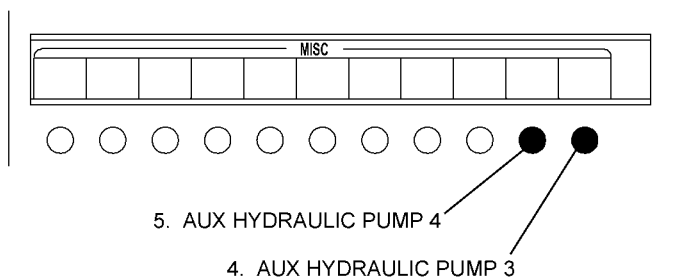
1. Rotate **PITCH** switch on **FCS ACTR** panel to **EFCS**.



ICN-88277-G2731663-001-01

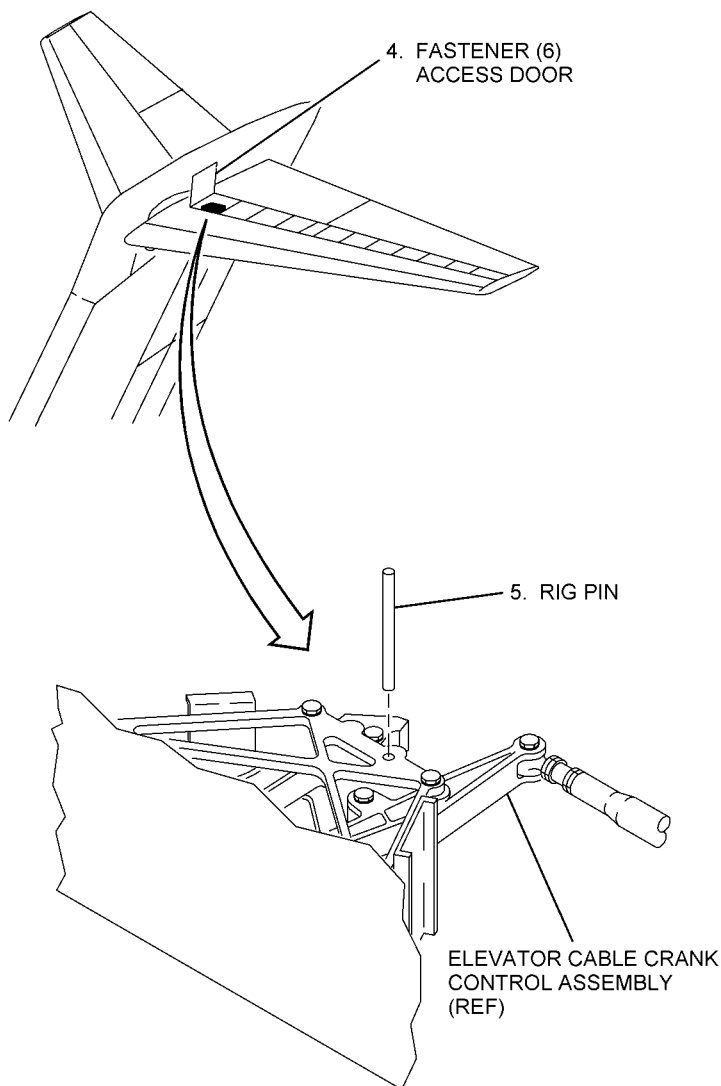
TO 1300i-2-27JG-30-1

2. Remove warning tag and close **AUX HYDRAULIC PUMP 1** circuit breaker on Electrical Power Center (EPC), row **LL**, column **68**.
3. Remove warning tag and close **AUX HYDRAULIC PUMP 2** circuit breaker on EPC, row **LL**, column **69**.
4. Remove warning tag and close **AUX HYDRAULIC PUMP 3** circuit breaker on EPC, row **LL**, column **11**.
5. Remove warning tag and close **AUX HYDRAULIC PUMP 4** circuit breaker on EPC, row **LL**, column **10**.
6. Perform mechanical controls and surfaces system operational checkout (27-31-01, task 01-1).



02-9. CABLE TENSION REGULATOR CHECK AND VERIFICATION FOR CABLE RUNS 3 AND 4.

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "General Maintenance Input Conditions" page for task specific safety conditions.
3. Enter horizontal stabilizer (00-00-02).
4. (A) Loosen fasteners and open access door (313ATD).
5. (A) Install rig pin 5-5 in elevator cable crank control assembly.



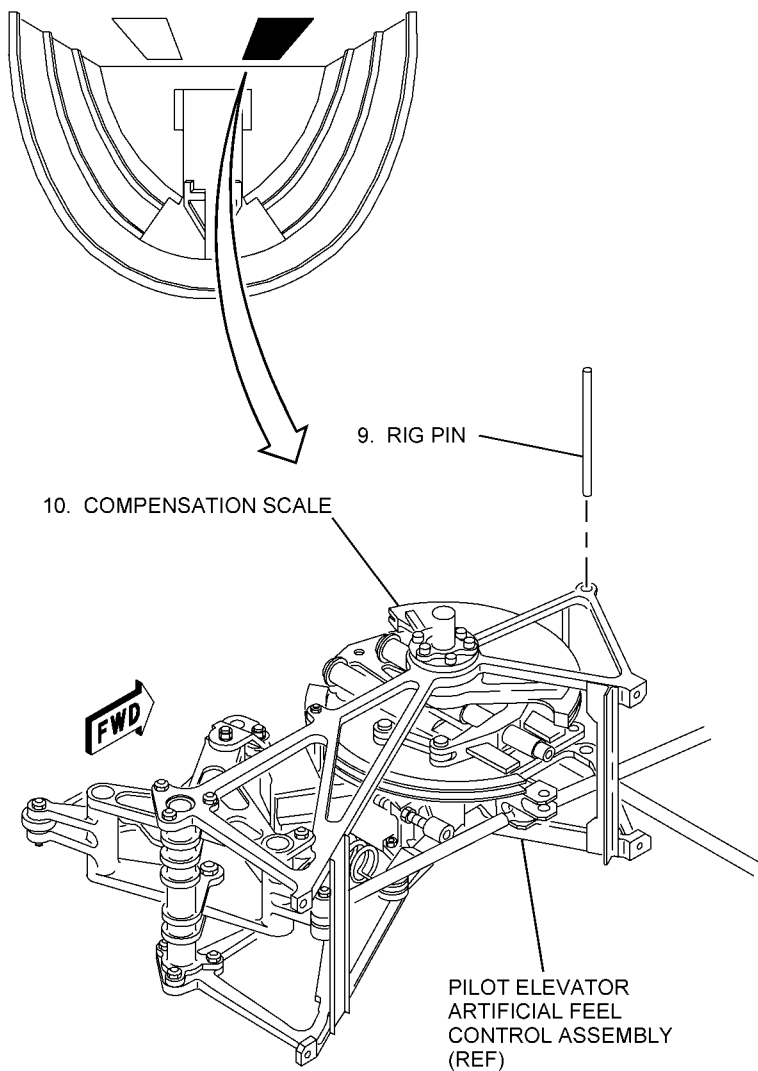
ICN-88277-G2731532-005-01

TO 1300i-2-27JG-30-1

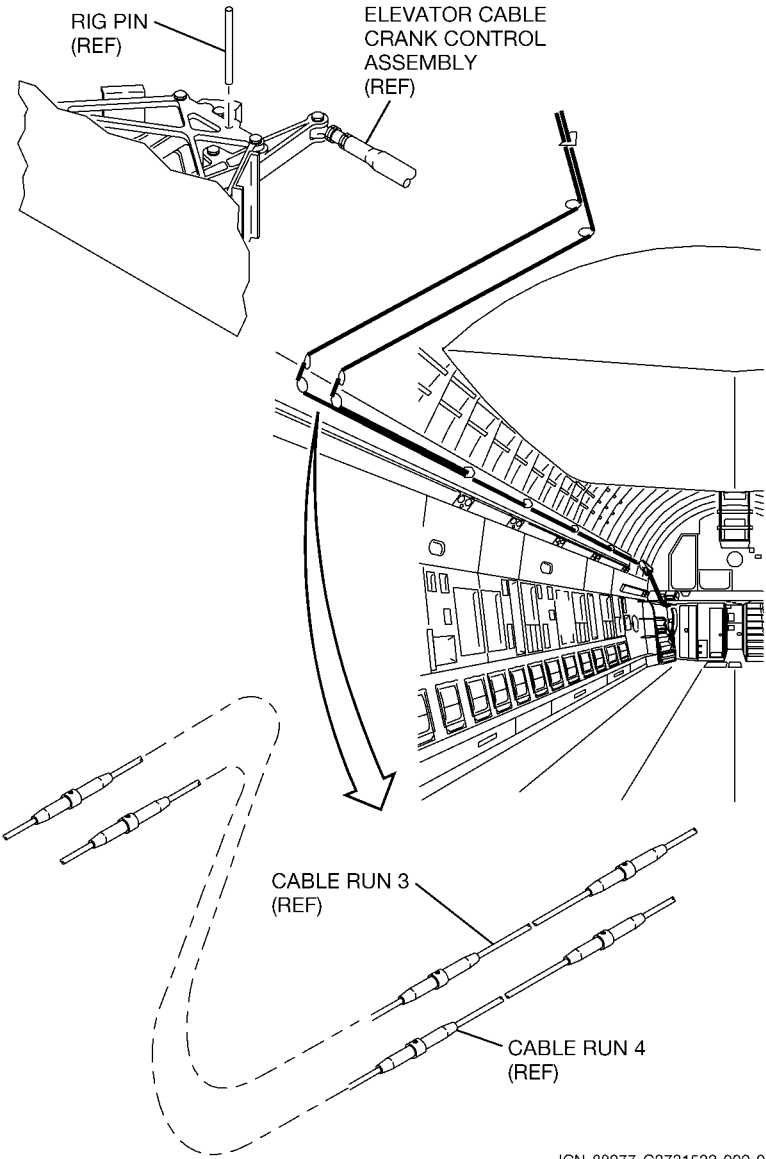
6. Remove horizontal pressure panel access cover assemblies (53-12-10).

PANEL NO.	PANEL REF DES
112AZP	5312CA001
112BZP	5312CA002

7. DELETED.
8. DELETED.
9. (A) Install rig pin 5-10 in pilot elevator artificial feel control assembly.
10. (A,B) Observe cable tension regulator compensation scale on pilot elevator artificial feel control assembly (para. 1-15).



ICN-88277-G2731432-008-01



ICN-88277-G2731533-002-01

NOTE

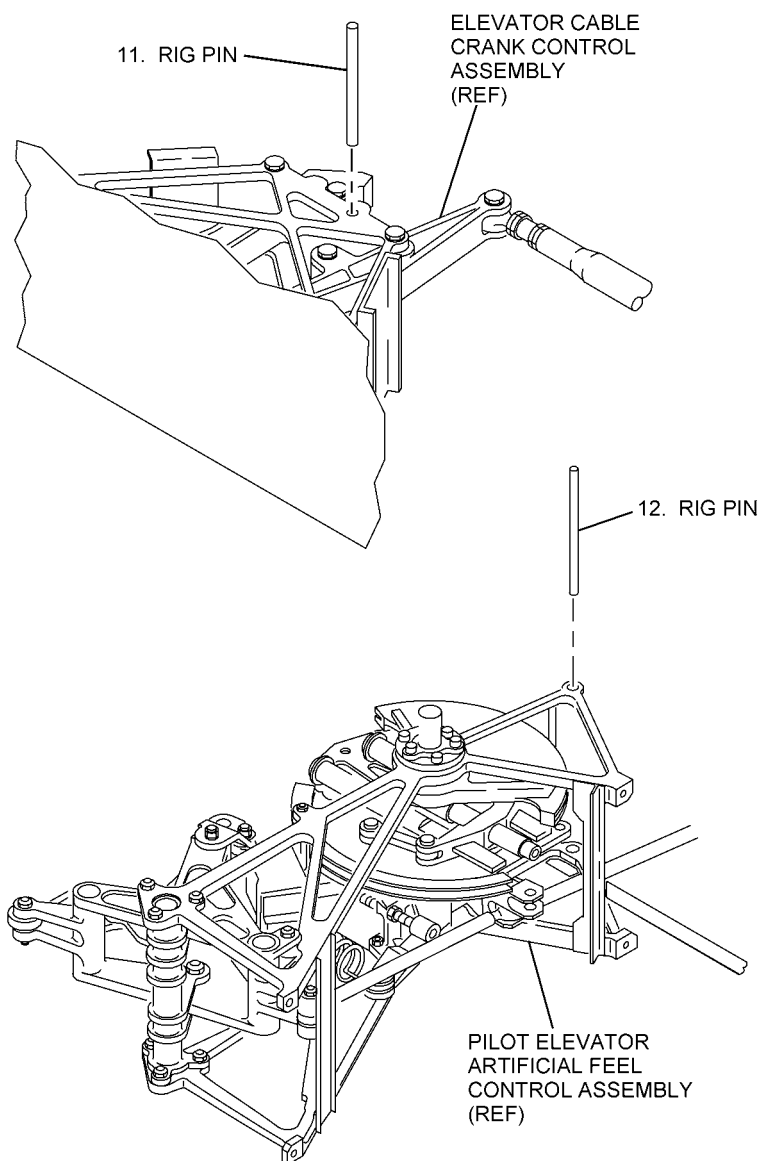
Rig pin can be removed freely. When rig pin cannot be removed freely perform task 02-4.

11. (A) Remove rig pin 5-5 from elevator cable crank control assembly.

NOTE

Rig pin can be removed freely. When rig pin cannot be removed freely perform task 02-4.

12. (A) Remove rig pin 5-10 in pilot elevator artificial feel control assembly.



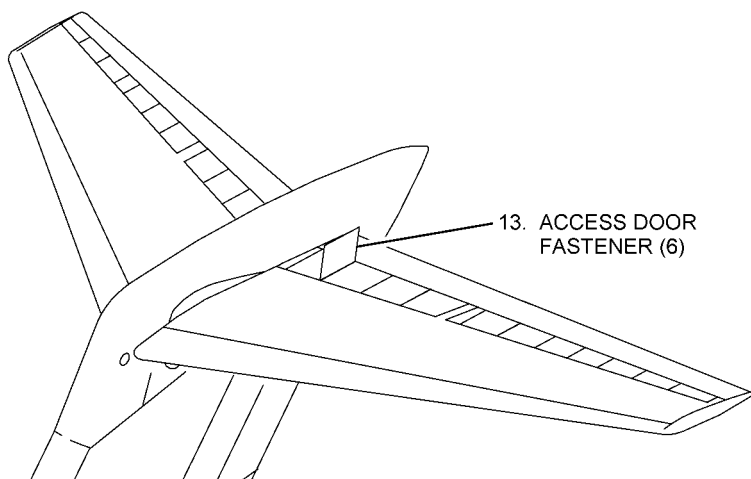
ICN-88277-G2731534-005-01

TO 1300i-2-27JG-30-1

- 13. (A) Close access door and tighten fasteners (313ATD).
- 14. Exit horizontal stabilizer (00-00-02).
- 15. DELETED.
- 16. Install horizontal pressure panel access cover assemblies (53-12-10).

PANEL NO.	PANEL REF DES
112AZP	5312CA001
112BZP	5312CA002

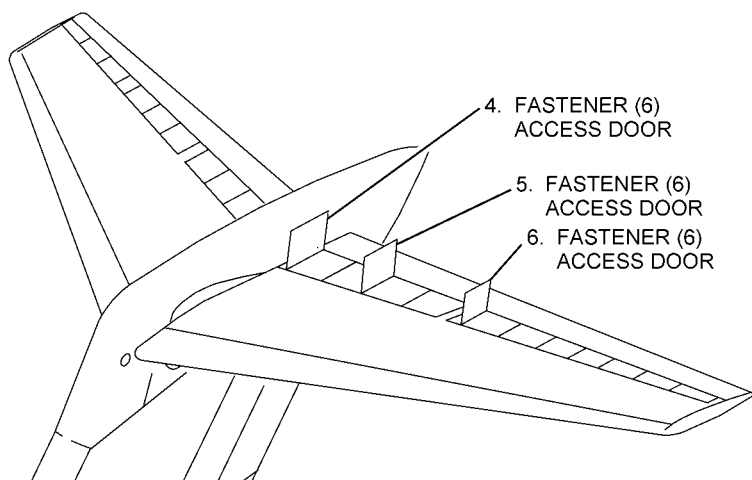
- 17. DELETED.
- 18. DELETED.



ICN-88277-G2731660-001-01

**02-10. CABLE TENSION CHECK AND
VERIFICATION FOR CABLE RUNS 5 AND 6.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "General Maintenance Input Conditions" page for task specific safety conditions.
3. Enter horizontal stabilizer (00-00-02).
4. (A) Loosen fasteners and open access door (313ATD).
5. (A) Loosen fasteners and open access door (313CTD).
6. (A) Loosen fasteners and open access door (313ETD).



ICN-88277-G2731665-001-01

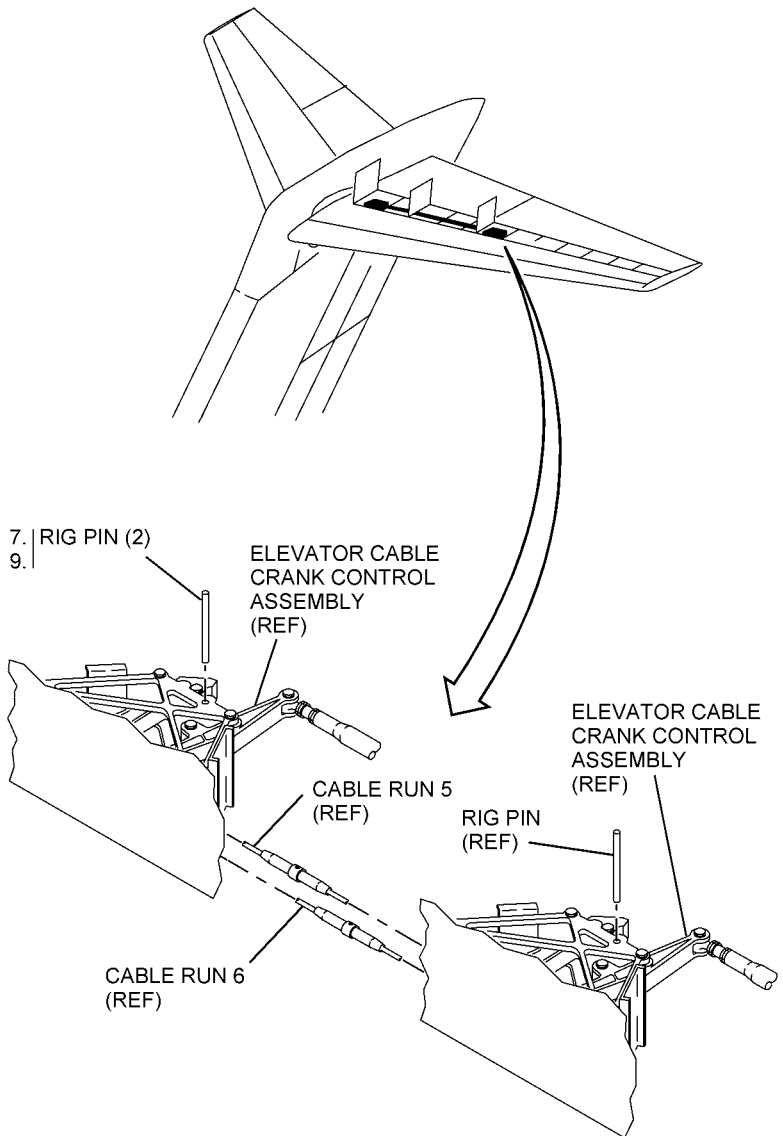
TO 1300i-2-27JG-30-1

7. (A) Install rig pins 5-5 in elevator cable crank control assembly.
8. Observe tensiometer for correct tension (para. 1-10).
 - 1/8 inch cable - 75 lb rig @ 70° F.

NOTE

Rig pin can be removed freely. When rig pin cannot be removed freely perform task 02-5.

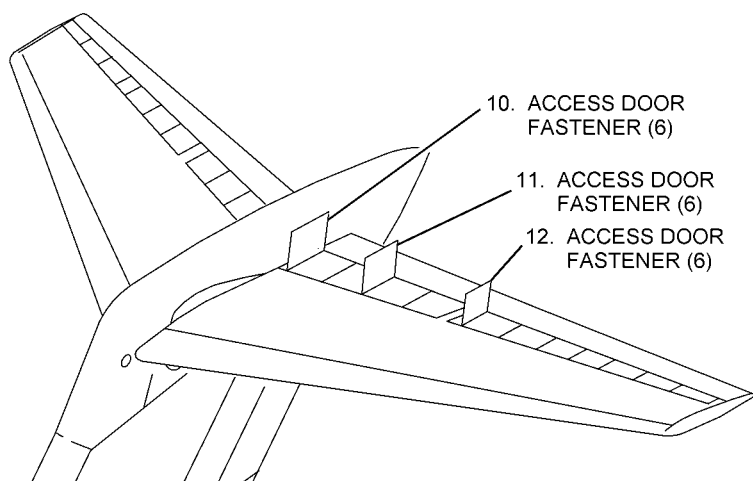
9. (A) Remove rig pins 5-5 from elevator cable crank control assembly.



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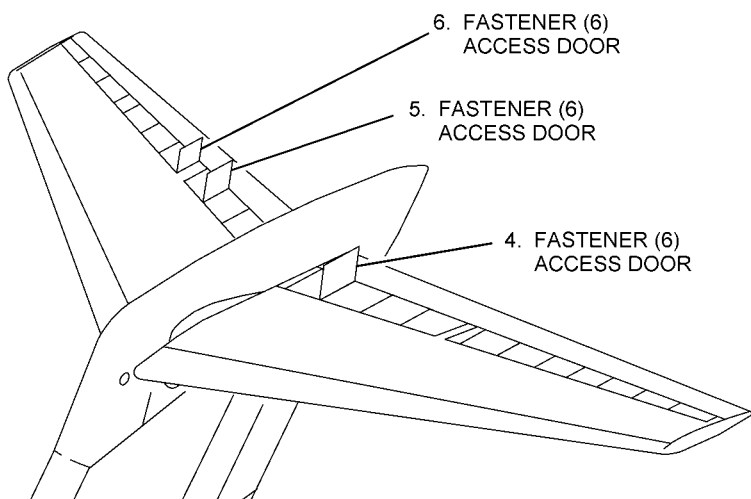
10. (A) Close access door and tighten fasteners (313ATD).
11. (A) Close access door and tighten fasteners (313CTD).
12. (A) Close access door and tighten fasteners (313ETD).
13. Exit horizontal stabilizer (00-00-02).



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02-11. CABLE TENSION CHECK AND VERIFICATION FOR CABLE RUNS 7 AND 8.

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "General Maintenance Input Conditions" page for task specific safety conditions.
3. Enter horizontal stabilizer (00-00-02).
4. (A) Loosen fasteners and open access door (313ATD).
5. (A) Loosen fasteners and open access door (323CTD).
6. (A) Loosen fasteners and open access door (323ETD).



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7. (A) Install rig pin 5-5 in right outboard elevator cable crank control assembly.
8. (A) Install rig pin 5-5 in left inboard elevator cable crank control assembly.
9. Observe tensiometer for correct tension (para. 1-10).
 - 1/8 inch cable - 75 lb rig @ 70° F.

NOTE

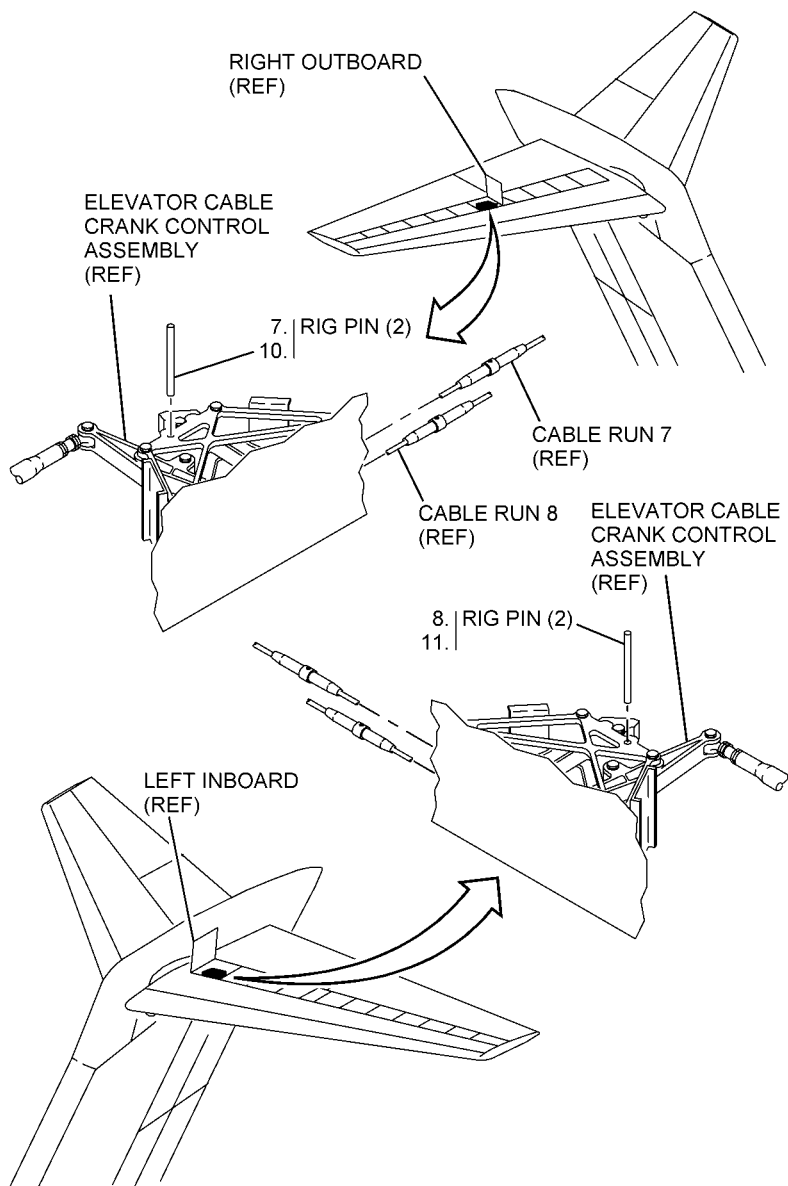
Rig pin can be removed freely. When rig pin cannot be removed freely perform task 02-6.

10. (A) Remove rig pin 5-5 from right outboard elevator cable crank control assembly.

NOTE

Rig pin can be removed freely. When rig pin cannot be removed freely perform task 02-6.

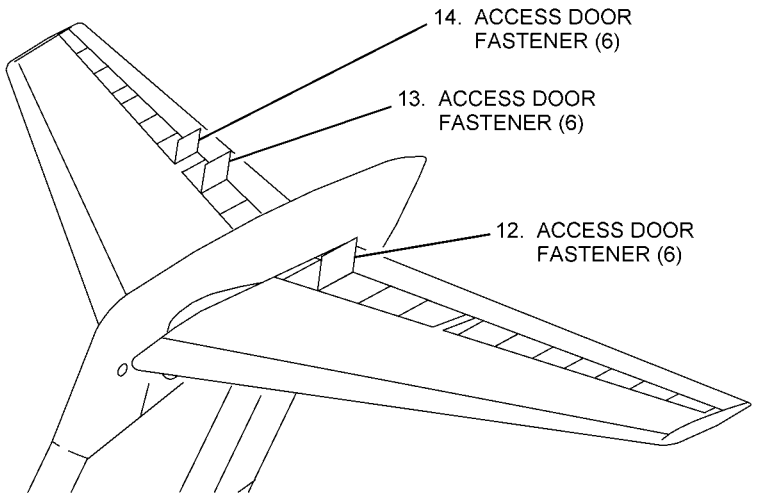
11. (A) Remove rig pin 5-5 from left inboard elevator cable crank control assembly.



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TO 1300i-2-27JG-30-1

12. (A) Close access door and tighten fasteners (313ATD).
13. (A) Close access door and tighten fasteners (323CTD).
14. (A) Close access door and tighten fasteners (323ETD).
15. Exit horizontal stabilizer (00-00-02).



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ELEVATOR MECHANICAL CONTROLS AND SURFACES SYSTEM REPAIR (27-31-03)

GENERAL MAINTENANCE INPUT CONDITIONS:

Applicability:

All

Task

All

Additional information:

This procedure consists of the following tasks:

- 03-1. Repair elevator mechanical controls and surfaces system by replacing crank.
- 03-2. Preparation for input connecting links REF DES 2731MP039 thru REF DES 2731MP042, and feedback connecting links REF DES 2731MP043 thru REF DES 2731MP046.
- 03-3. Repair elevator mechanical controls and surfaces system by replacing input connecting links REF DES 2731MP039 thru REF DES 2731MP042.
- 03-4. Repair elevator mechanical controls and surfaces system by replacing feedback connecting links REF DES 2731MP043 thru REF DES 2731MP046.
- 03-5. Follow-on maintenance for input connecting links REF DES 2731MP039 thru REF DES 2731MP042, and feedback connecting links REF DES 2731MP043 thru REF DES 2731MP046.

Additional data:

TO 1300i-3-1

TO 1300i-2-00JG-00-1

TO 1300i-2-05JG-10-1

Task

03-4

03-2,
03-503-2,
03-5

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	Task
TO 1300i-2-10JG-10-1	03-2, 03-3, 03-4, 03-5
TO 1300i-2-10JG-60-1	03-2
TO 1300i-2-22JG-10-1	03-5
TO 1300i-2-27JG-30-5	03-1
TO 1300i-2-40JG-00-1	03-5

Personnel recommended:

	Task
One	03-1
Two	03-2, 03-3, 03-4, 03-5

- Person (A) performs task.
- Person (B) assists person (A).

Safety conditions:

Task



- All flight control surfaces shall be cleared prior to movement. Failure to comply may cause injury to personnel or damage to aircraft.
- 03-2

WARNING - Continued

- Elevator input connecting link shall not be disconnected to make adjustments. Refer to mechanical controls and surfaces system adjustment, (27-31-02, tasks 02-1, 02-7, and 02-8). Adjustments shall be made with input link connected to prevent uncontrolled elevator movement. Adjustments with link connected may still cause some movement of flight control surface. Use extreme caution and keep flight control surfaces clear of personnel and equipment while adjusting linkage. Failure to comply may cause injury to personnel and damage to equipment. 03-3

CAUTION

When winds are above 14 knots, aircraft ground safety locks shall be installed per 10-10-00, para 1-12 prior to bleeding down the gust damper system(s). Failure to comply may cause damage to control surfaces. 03-2, 03-3, 03-4, 03-5

Support equipment:

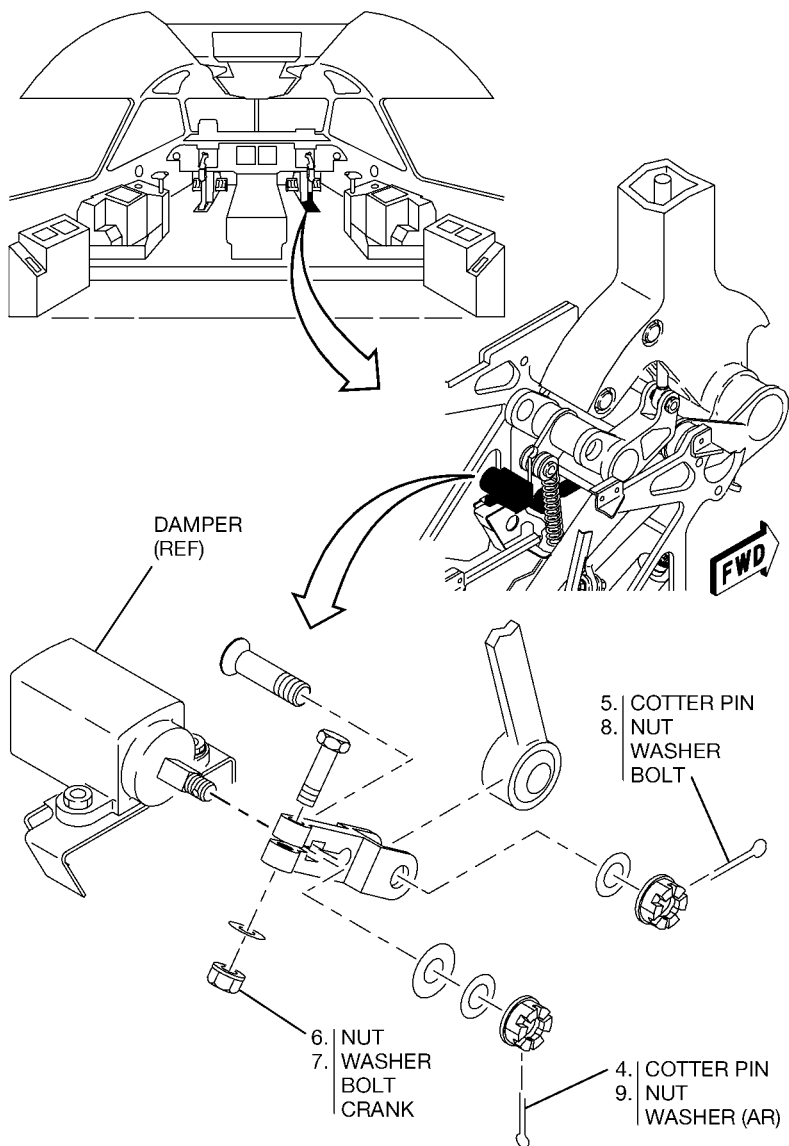
<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Platform, Maintenance	60001	--	1	03-3, 03-4
Wrench, Torque	--	(0-150 in-lb)	1	03-1

Supplies:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Pin, Cotter	MS24665-151	--	2	03-1, 03-3, 03-4
Tag, Warning	--	--	8	03-2
Wire, Safety	900010-32C	--	AR	03-4

03-1. REPAIR ELEVATOR MECHANICAL CONTROLS AND SURFACES SYSTEM BY REPLACING CRANK.

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "General Maintenance Input Conditions" page for task specific safety conditions.
3. Perform longitudinal/lateral control stick viscous damper preparation (27-31-20, task 2-1).
4. Remove cotter pin, nut, and washers.
5. Remove cotter pin, nut, washer, and bolt.
6. Remove nut, washer, bolt, and crank.
7. Install crank, bolt, washer, and nut; torque **50-70 in-lb**.
8. Install bolt, washer, nut, and cotter pin.
9. Install washers, nut, and cotter pin.
10. Perform longitudinal/lateral control stick viscous damper follow-on maintenance (27-31-20, task 3-2).



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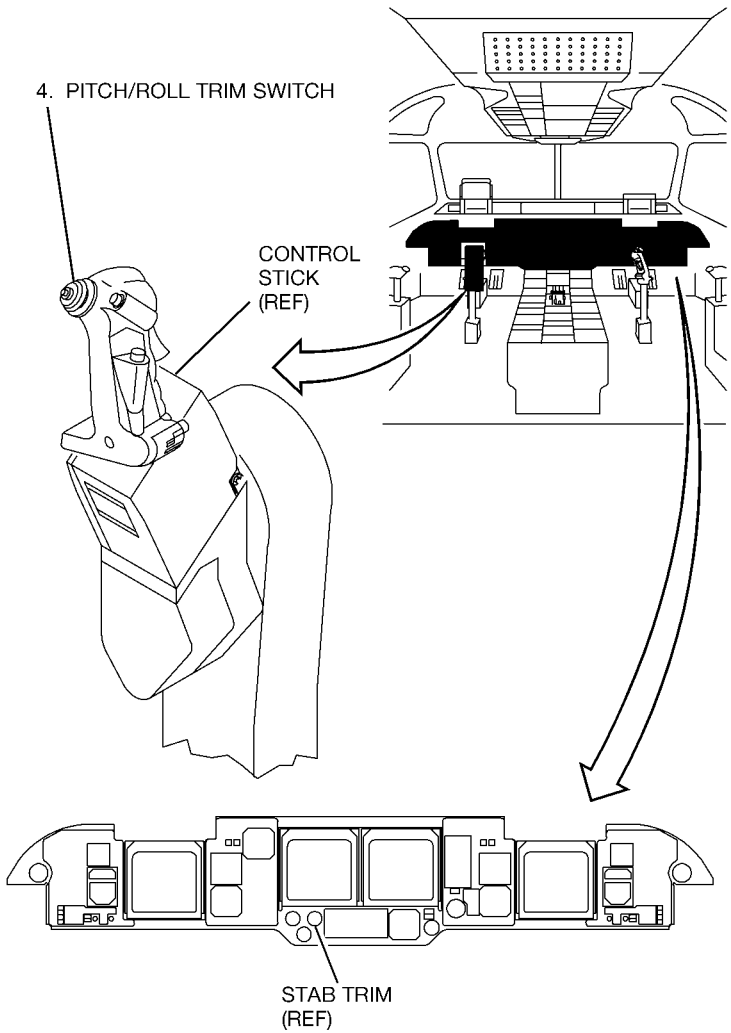
03-2. PREPARATION FOR INPUT CONNECTING LINKS REF DES 2731MP039 THRU REF DES 2731MP042, AND FEEDBACK CONNECTING LINKS REF DES 2731MP043 THRU REF DES 2731MP046.

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "General Maintenance Input Conditions" page for task specific safety conditions.
3. Connect external electrical power (10-61-01, task 01-1).

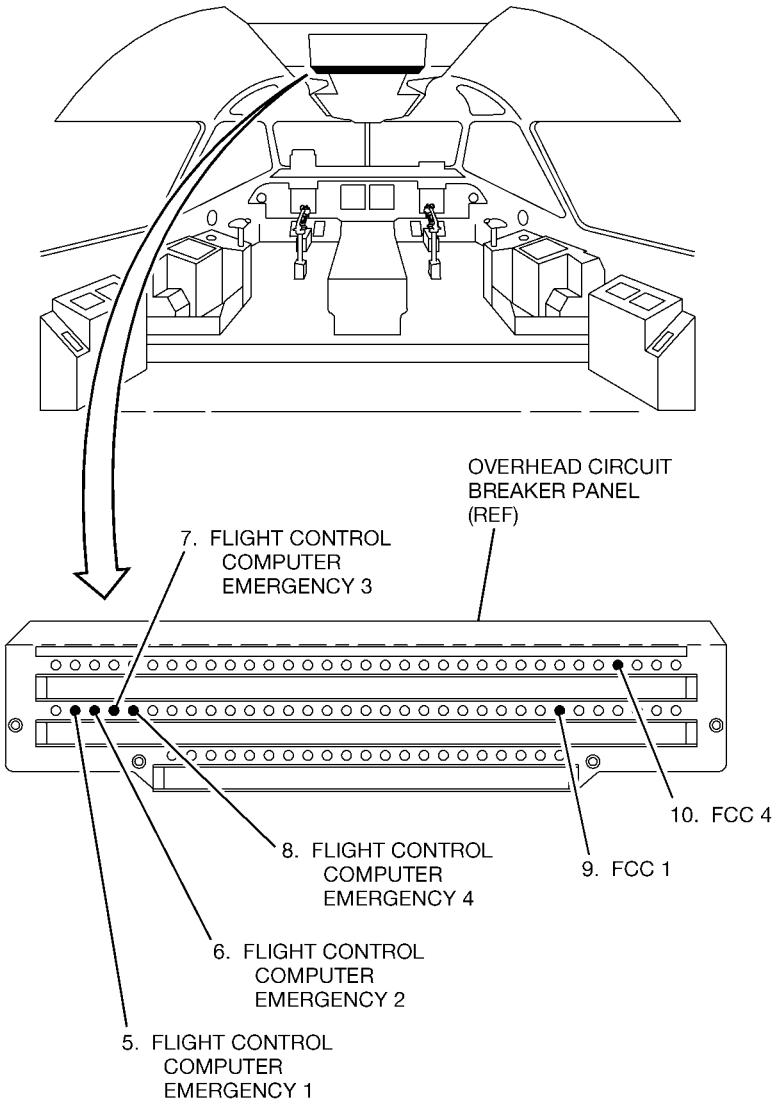
WARNING

All flight control surfaces shall be cleared prior to movement. Failure to comply may cause injury to personnel or damage to aircraft.

4. (A) Press and hold pitch/roll trim switch on control stick.
 - **STAB TRIM** indicator reads **0** degrees.



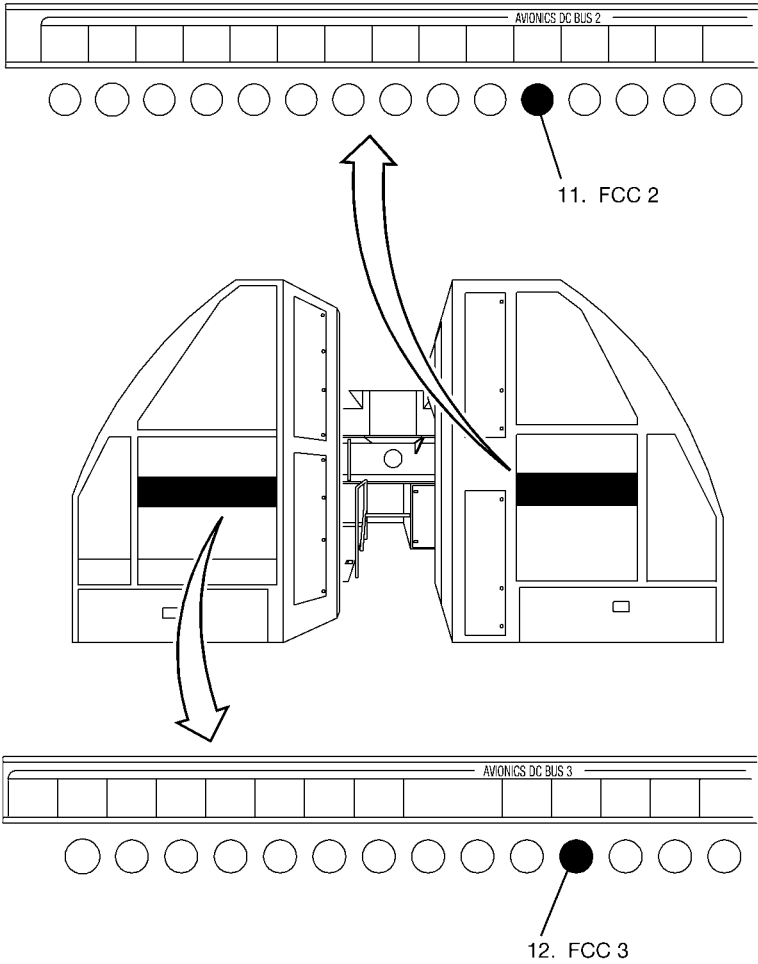
5. (A) Open **FLIGHT CONTROL COMPUTER EMERGENCY 1** circuit breaker on overhead circuit breaker panel, row **H**, column **2**, and attach warning tag.
6. (A) Open **FLIGHT CONTROL COMPUTER EMERGENCY 2** circuit breaker on overhead circuit breaker panel, row **H**, column **3**, and attach warning tag.
7. (A) Open **FLIGHT CONTROL COMPUTER EMERGENCY 3** circuit breaker on overhead circuit breaker panel, row **H**, column **4**, and attach warning tag.
8. (A) Open **FLIGHT CONTROL COMPUTER EMERGENCY 4** circuit breaker on overhead circuit breaker panel, row **H**, column **5**, and attach warning tag.
9. (A) Open **FCC 1** circuit breaker on overhead circuit breaker panel, row **H**, column **27**, and attach warning tag.
10. (A) Open **FCC 4** circuit breaker on overhead circuit breaker panel, row **G**, column **30**, and attach warning tag.



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11. (A) Open **FCC 2** circuit breaker on Electrical Power Center (EPC), row **T**, column **50**, and attach warning tag.
12. (A) Open **FCC 3** circuit breaker on EPC, row **T**, column **24**, and attach warning tag.



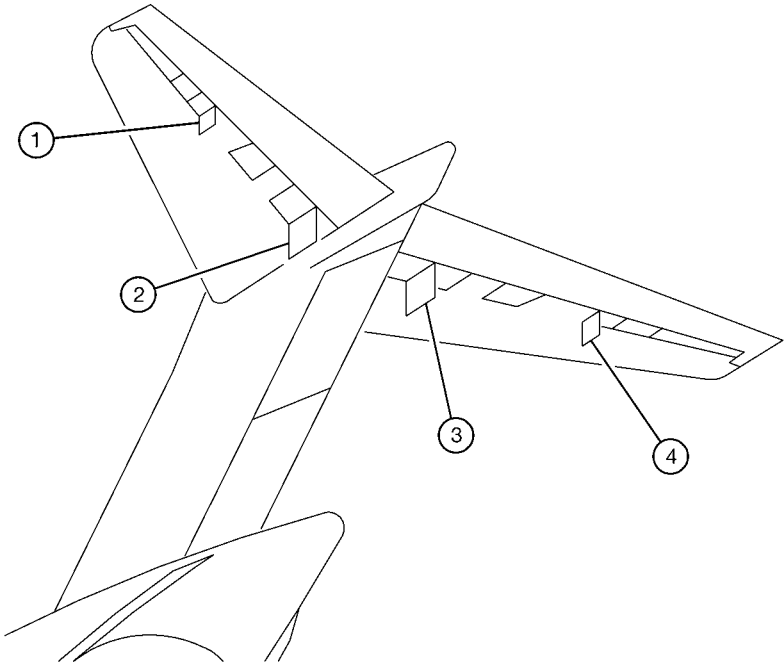


When winds are above 14 knots, aircraft ground safety locks shall be installed per 10-10-00, para 1-12 prior to bleeding down the gust damper system(s). Failure to comply may cause damage to control surfaces.

- 13. (2731MP040, 2731MP042, 2731MP044, or 2731MP046) Install rudder control surface aircraft ground safety lock assembly (05-10-01, task 01-15).
- 14. Install inboard or outboard elevator control surface aircraft ground safety lock (05-10-01) as follows:

CONNECTING LINK REF DES	TASK NO.
2731MP039, 2731MP043	01-13
2731MP041, 2731MP045	
2731MP040, 2731MP044	01-11
2731MP042, 2731MP046	

- 15. (B) Loosen fasteners and open access doors.

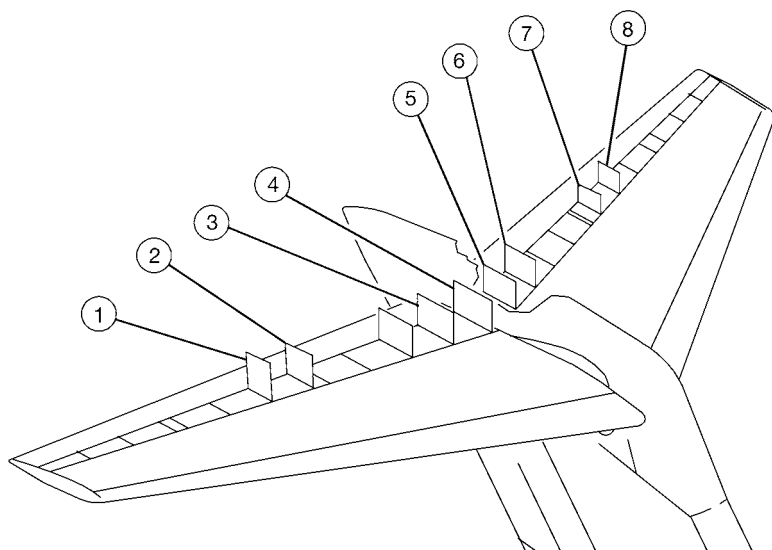


15. —

CONNECTING LINK REF DES	INDEX NO.	DOOR NO.
2731MP041 2731MP045	1	313PBD
2731MP042 2731MP046	2	313MBD
2731MP040 2731MP044	3	323MBD
2731MP039 2731MP043	4	323PBD

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16. Enter horizontal stabilizer (00-00-02).
17. (B) Loosen fasteners and open access doors.



17.—

CONNECTING LINK REF DES	INDEX NO.	DOOR NO.	FASTENER QTY
2731MP039	1	323FTD	5
2731MP043	2	323ETD	6
2731MP040	3	323BTD	6
2731MP044	4	323ATD	6
2731MP042	5	313ATD	6
2731MP046	6	313BTD	6
2731MP041	7	313ETD	6
2731MP045	8	313FTD	5

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03-3. REPAIR ELEVATOR MECHANICAL CONTROLS AND SURFACES SYSTEM BY REPLACING INPUT CONNECTING LINKS REF DES 2731MP039 THRU REF DES 2731MP042.

1. (A,B) Remove cotter pin, nut, washers, and bolt; disconnect input connecting link from Integrated Flight Control Module (IFCM) crank as follows:

CONNECTING LINK REF DES	IFCM REF DES	LOCATION
2731MP039	2733FV001	RIGHT OUTBOARD
2731MP040	2733FV002	RIGHT INBOARD
2731MP041	2733FV004	LEFT OUTBOARD
2731MP042	2733FV003	LEFT INBOARD