

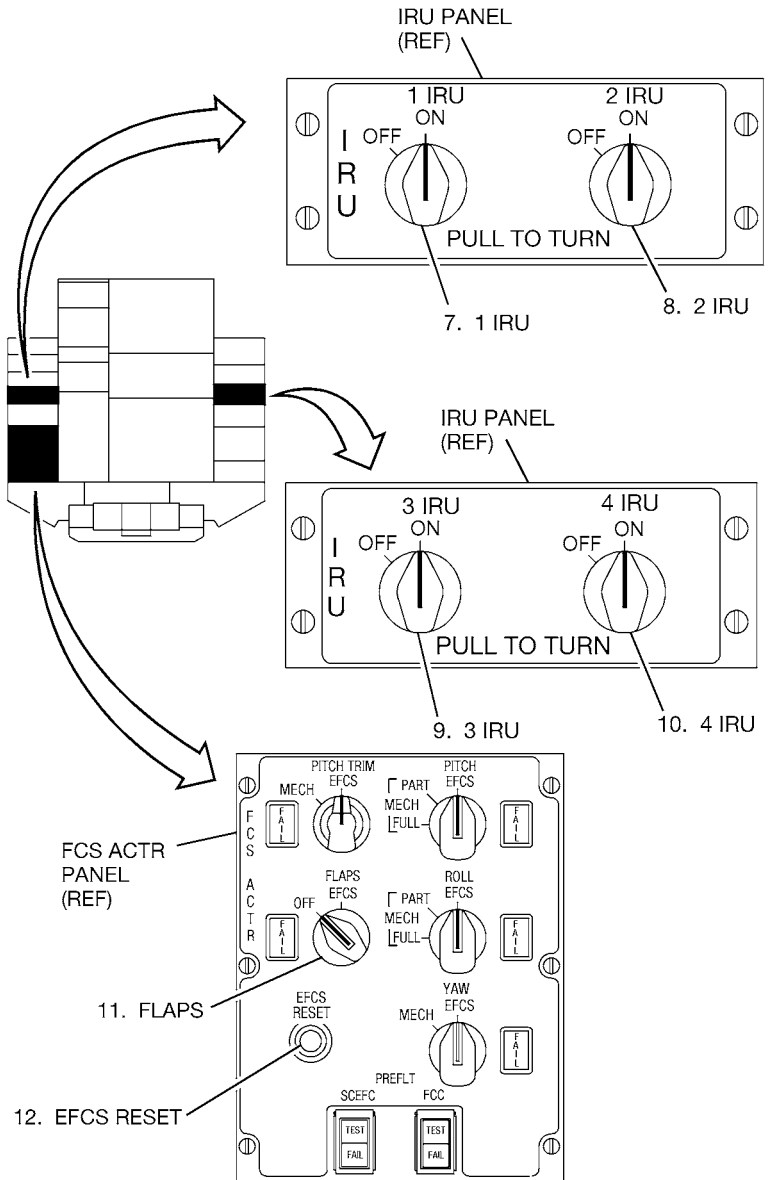
6. —

ACTUATOR REF DES	INDEX NO.	HYD SYS
2764HP006 2764HP008	1	1
2764HP001 2764HP007	2	2
2764HP003 2764HP005	3	3
2764HP002 2764HP004	4	4

ICN-88277-G2764097-005-01

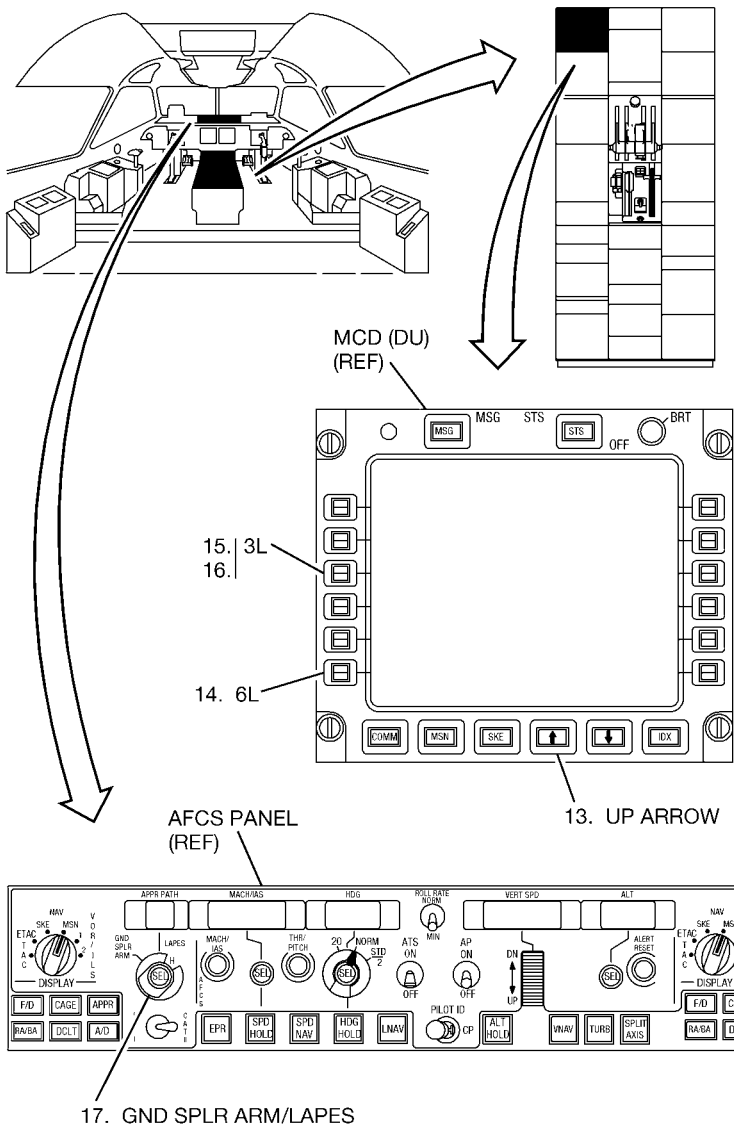
## **TO 1300i-2-27JG-60-2**

7. (A,B) Set **1 IRU** switch on **IRU** panel to **ON**.
8. (A,B) Set **2 IRU** switch to **ON**.
9. (A,B) Set **3 IRU** switch on **IRU** panel to **ON**.
10. (A,B) Set **4 IRU** switch to **ON**.
11. (A,B) Rotate **FLAPS** switch on **FCS ACTR** panel to **EFCS**.
12. (A,B) Press **EFCS RESET** button.



ICN-88277-G2764098-004-01

13. (A,B) Press up arrow key on **MCD (DU)**.
  - **MSN INDEX 2** is displayed.
14. (A,B) Press 6L Line Select (LS) key.
  - **MAINT MENU** is displayed.
15. (A,B) Press 3L LS key.
  - **SCEFC MAINT MENU** is displayed.
16. (A,B) Press 3L LS key.
  - **SCEFC MAINTENANCE BIT** is displayed.
17. (A,B) Set **GND SPLR ARM/ LAPES** switch on **AFCS** panel to the vertical/off position then to **ARM** as commanded by display.
  - **SCEFC MAINTENANCE BIT ENTRY IN PROGRESS** is displayed.
  - **SCEFC MAINTENANCE BIT** is displayed.



ICN-88277-G2764084-004-01

## 1-2. OPERATIONAL CHECKOUT.

1. (A,B) Press up arrow key on **MCD (DU)**.
  - **SCEFC MAINTENANCE BIT** page 2/3 is displayed (34-62-AA-01, 34-62-AA-02, 34-62-AA-03, 34-62-AA-04, 34-62-AA-05).

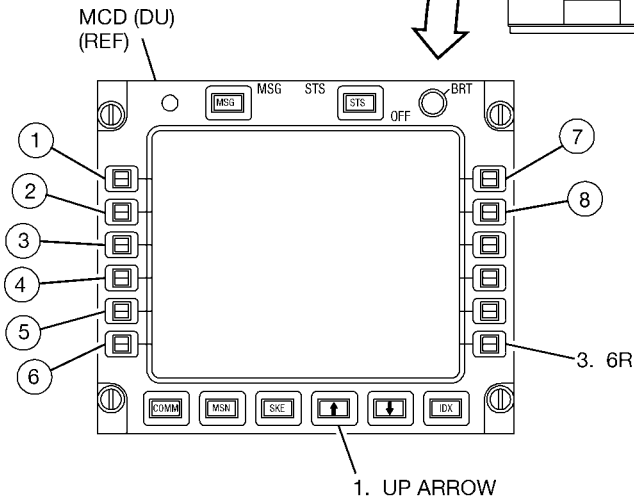
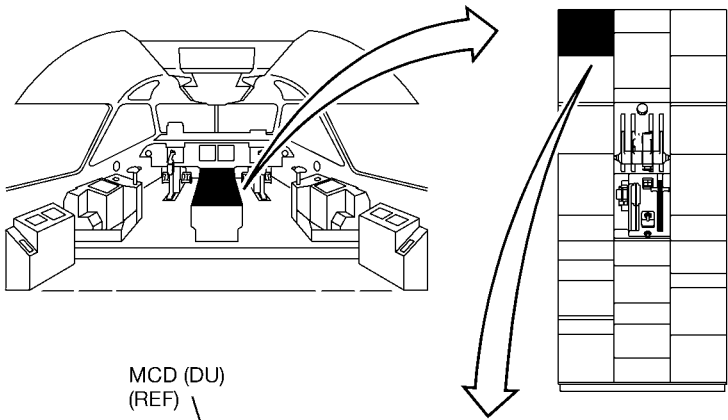
### **WARNING**

All flight control surfaces shall be clear of personnel and equipment prior to any movement of the surfaces or applying hydraulic power. Failure to comply may cause injury to personnel or damage to aircraft.

### **NOTE**

While **MCD (DU)** displays **IN PROGRESS**, do not touch **MCD (DU)** pushbuttons/keys, control sticks, rudder pedals, or flap/slat handle. This may cause the test to abort.

2. (A,B) Press Line Select (LS) key.
  - **IN PROGRESS** is displayed (34-62-AA-01, 34-62-AA-02, 34-62-AA-03, 34-62-AA-04, 34-62-AA-05).
  - **TEST PASSED** is displayed (34-00-MA-00).
3. (A,B) Press 6R LS key.
  - **SCEFC MAINTENANCE BIT** page 2/3 is displayed.



2.

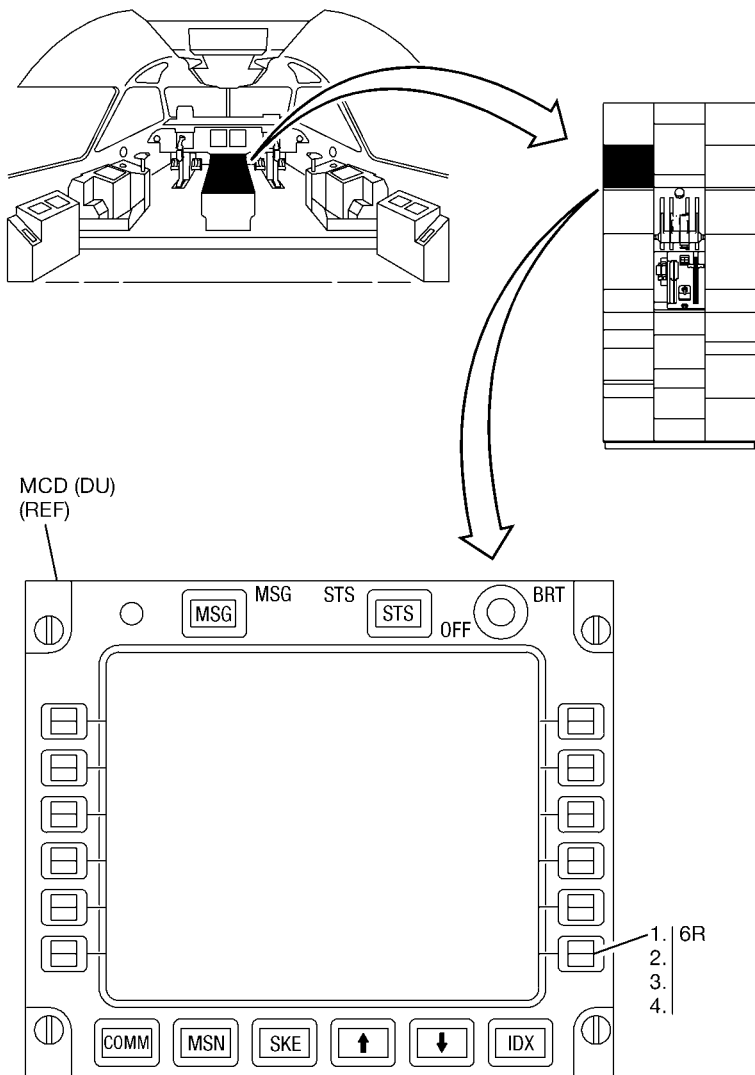
ACTUATOR REF DES	INDEX NO.	LINE SELECT KEY
2764HP008	1	1L
2764HP007	2	2L
2764HP006	3	3L
2764HP005	4	4L
2764HP001	5	5L
2764HP002	6	6L
2764HP003	7	1R
2764HP004	8	2R

ICN-88277-G2764085-006-01

## 1-3. FOLLOW-ON MAINTENANCE.

1. Press 6R Line Select (LS) key on **MCD (DU)**.
  - **SCEFC MAINTENANCE BIT** page **2/3** is displayed.
2. Press 6R LS key.
  - **SCEFC MAINTENANCE MENU** is displayed.
3. Press 6R LS key.
  - **MAINTENANCE MENU** is displayed.
4. Press 6R LS key.
  - **MSN INDEX 2** is displayed.

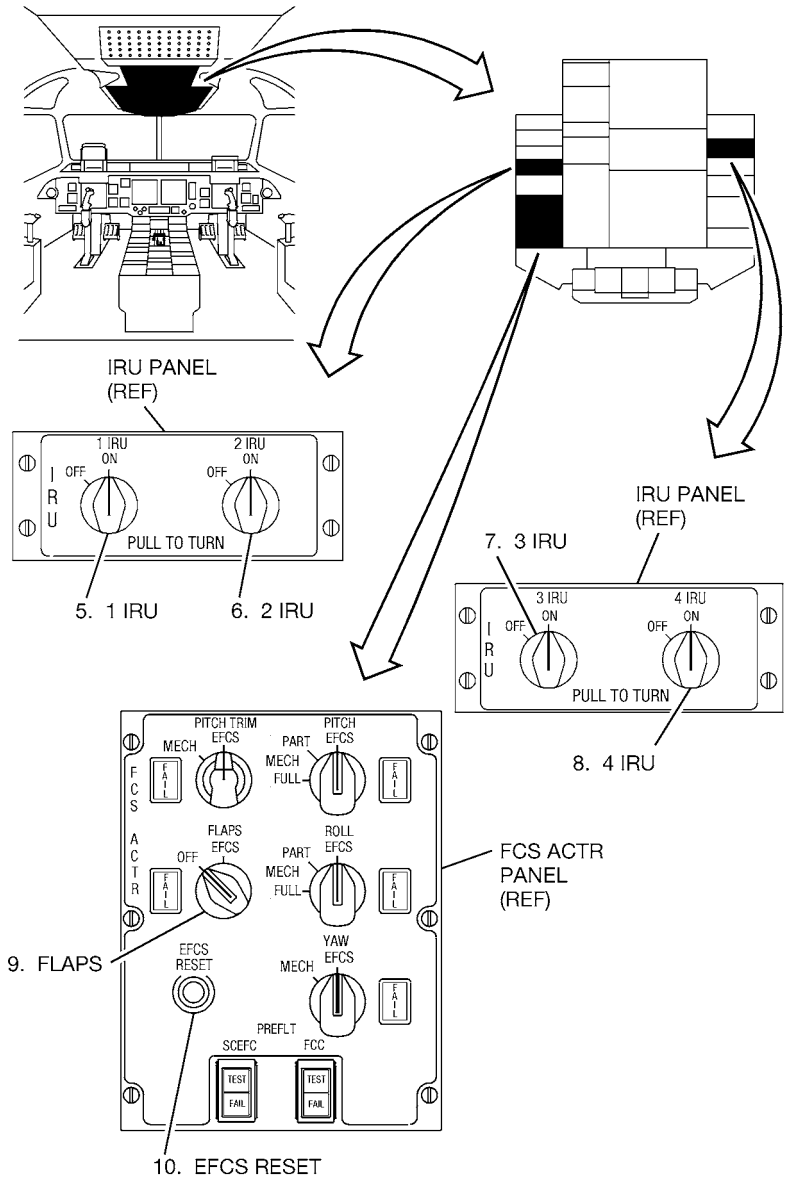




ICN-88277-G2764100-004-01

## **TO 1300i-2-27JG-60-2**

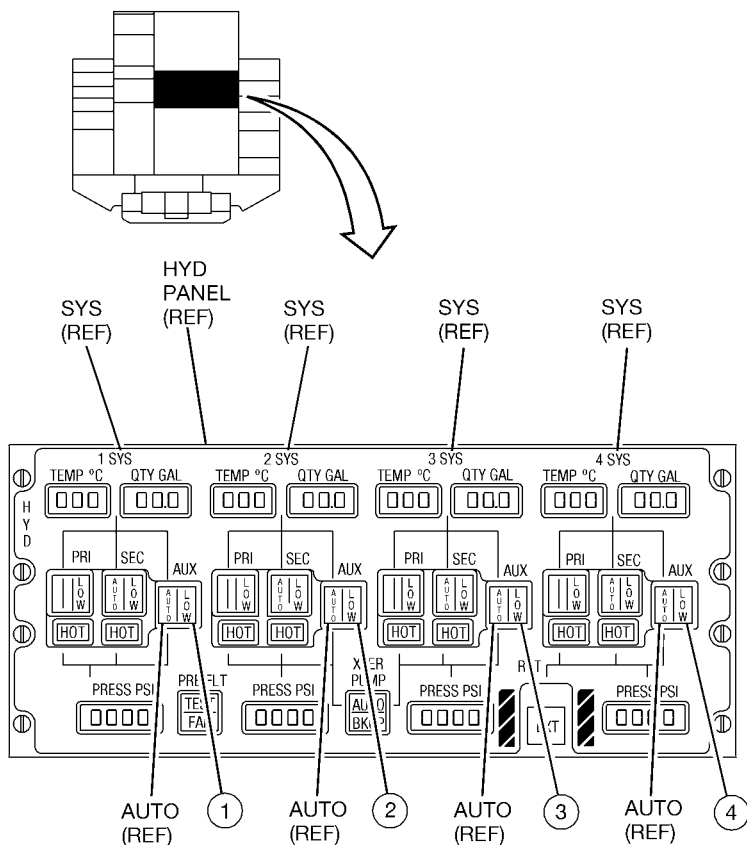
5. Set **1 IRU** switch on **IRU** panel to **OFF**.
6. Set **2 IRU** switch to **OFF**.
7. Set **3 IRU** switch on **IRU** panel to **OFF**.
8. Set **4 IRU** switch to **OFF**.
9. Rotate **FLAPS** switch on **FCS ACTR** panel to **OFF**.
10. Press **EFCS RESET** button.



ICN-88277-G2764101-005-01

## TO 1300i-2-27JG-60-2

11. Press **SYS**, **AUX** switchlight on **HYD** panel.
  - **AUTO** light goes off.
12. Shutdown multifunction displays system (31-61-02, task 02-3 or 02-4).



11.

ACTUATOR REF DES	INDEX NO.	HYD SYS
2764HP006 2764HP008	1	1
2764HP001 2764HP007	2	2
2764HP003 2764HP005	3	3
2764HP002 2764HP004	4	4

ICN-88277-G2764102-005-01



**SPOILER LINEAR ELECTRO-HYDRAULIC  
ACTUATOR REMOVAL  
(27-64-10-2)**

**FUNCTIONAL INPUT CONDITIONS:**

<b>Applicability:</b>	<b>Task</b>
All	All

**Additional information:**

This procedure consists of the following tasks:

- 2-1. Preparation for 2764HP001, 2764HP003, 2764HP005, and 2764HP007.
- 2-2. Preparation for 2764HP002, 2764HP004, 2764HP006, and 2764HP008.
- 2-3. Removal of 2764HP001, 2764HP003, 2764HP005, and 2764HP007.
- 2-4. Removal of 2764HP002, 2764HP004, 2764HP006, and 2764HP008.

<b>Additional data:</b>	<b>Task</b>
TO 1300i-2-10JG-10-1	2-1
TO 1300i-2-12JG-29-1	2-1
TO 1300i-2-27JG-50-1	2-1, 2-2
TO 1300i-2-57JG-50-1	2-1, 2-2

<b>Personnel recommended:</b>	<b>Task</b>
One	2-1, 2-2
Two	2-3, 2-4

Task

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

Safety conditions:

Task



Areas below lower wing fixed trailing edge door assembly shall remain clear of personnel when door is in lowered position and suspended from lanyards. Failure to comply may cause injury to personnel or damage to aircraft.

All



**Support equipment:**

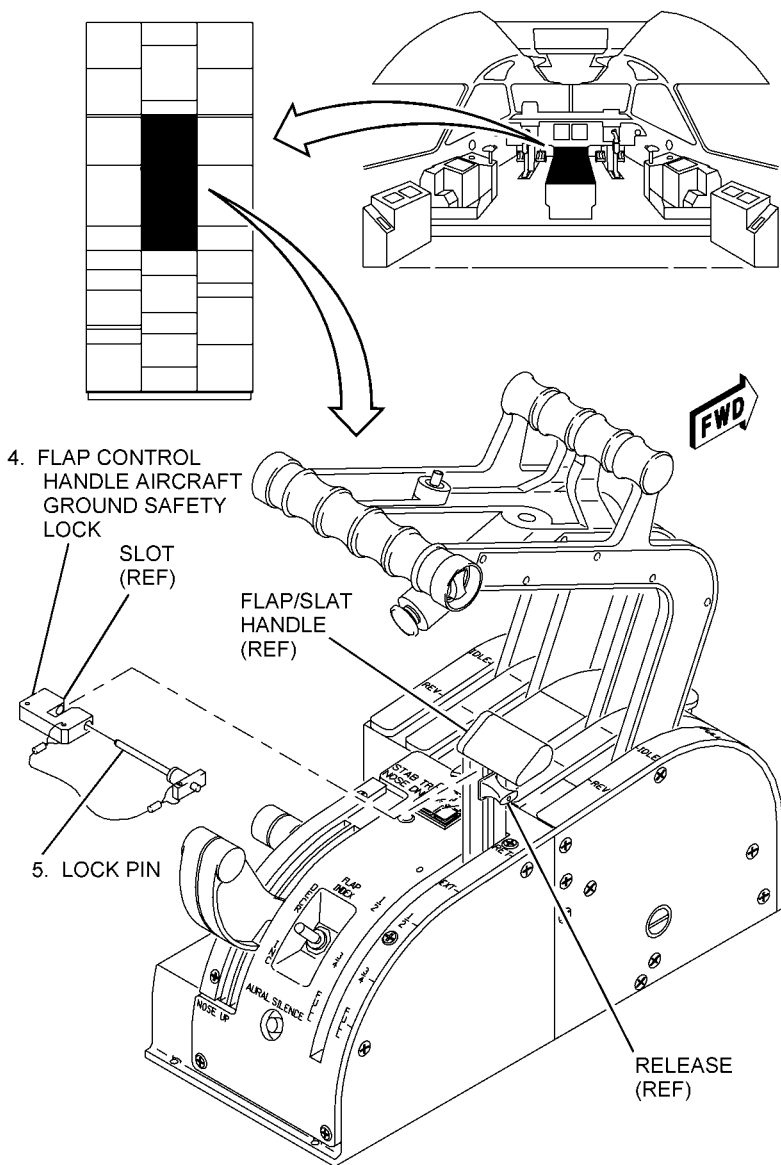
<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Lock, Aircraft Ground Safety, Flap Control Handle	17G140025-1	--	1	2-1, 2-2
Pail, Utility	B12R	--	AR	2-3, 2-4

**Supplies:**

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Tag, Warning	--	--	5	2-1
Tag, Warning	--	--	4	2-2

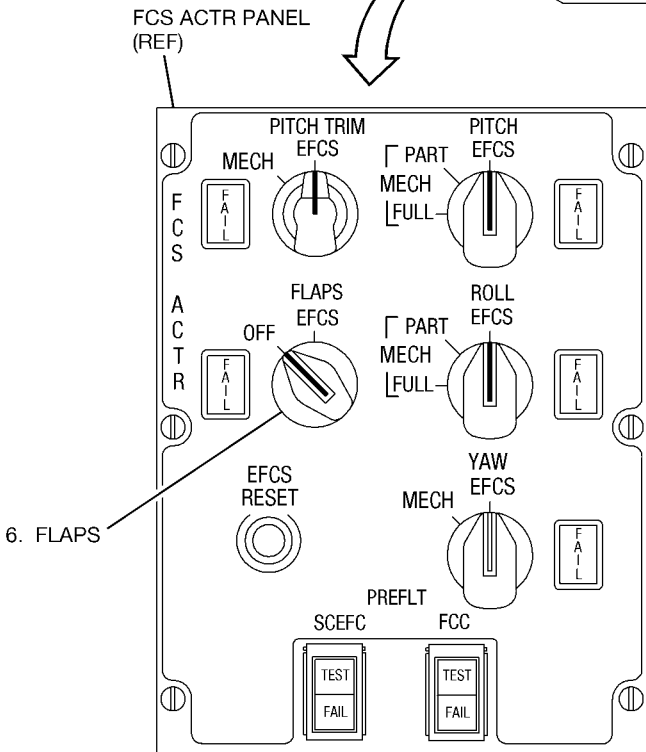
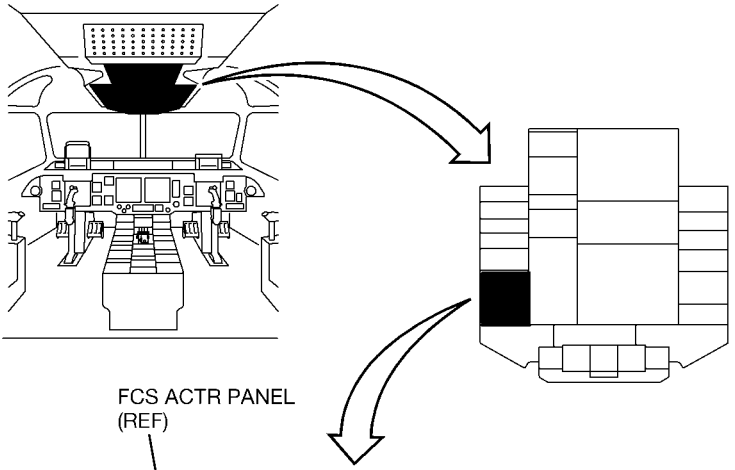
**2-1. PREPARATION FOR 2764HP001, 2764HP003,  
2764HP005, AND 2764HP007.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Operate flaps system and position flap/slat handle to **1/2** (27-50-03, task 03-1).
4. Install flap control handle aircraft ground safety lock over flap/slat handle above release.
5. Align holes in aircraft ground safety lock with slot in handle and install lock pin.



ICN-88277-G2764002-006-01

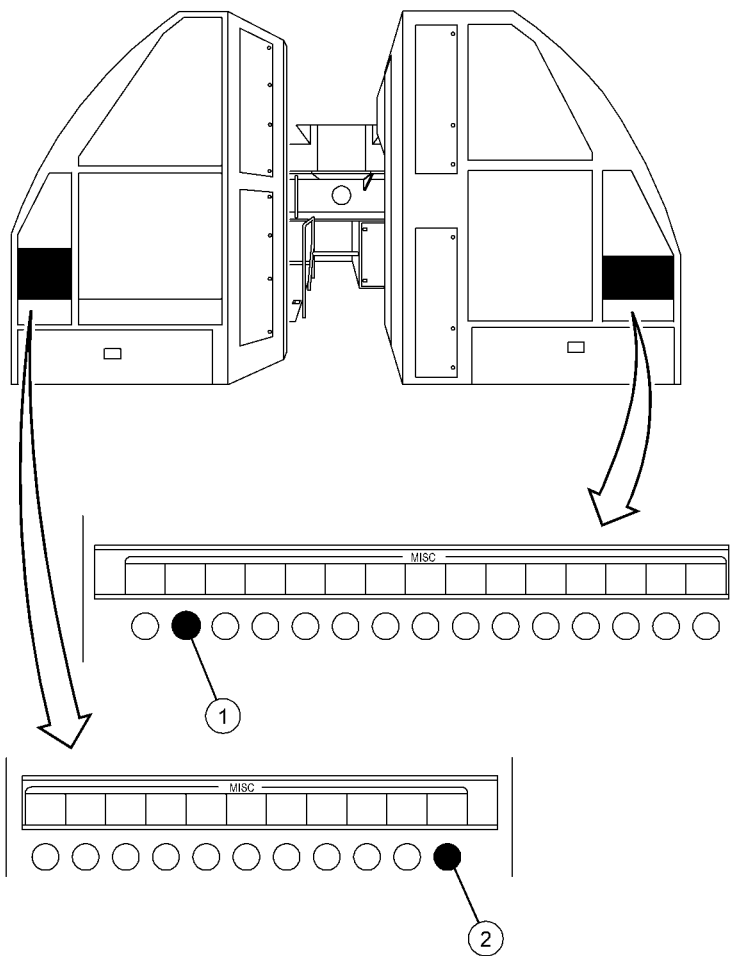
6. Ensure **FLAPS** switch on **FCS ACTR** panel is **OFF** and attach warning tag.



ICN-88277-G2764003-003-01

## **TO 1300i-2-27JG-60-2**

7. Open **AUX HYDRAULIC PUMP** circuit breaker on electrical power center and attach warning tag.



7.—

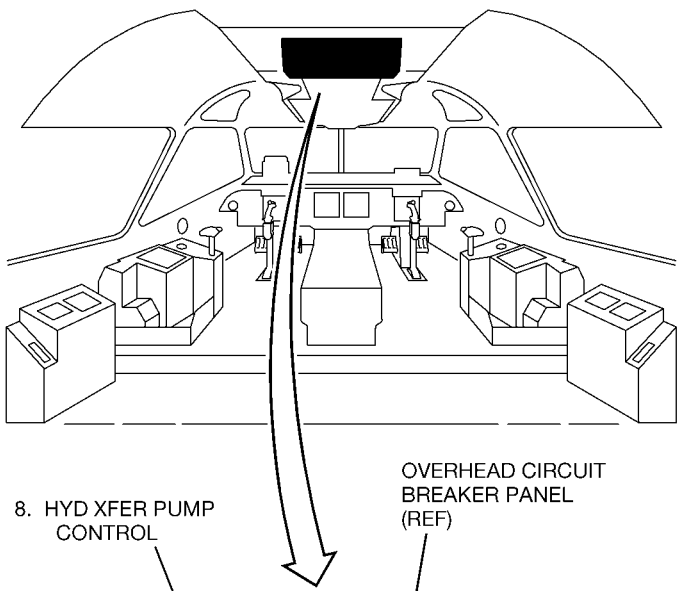
ACTUATOR REF DES	INDEX NO.	CIRCUIT BREAKER	ROW/ COLUMN
2764HP001 2764HP007	1	AUX HYDRAULIC PUMP 2	LL/69
2764HP003 2764HP005	2	AUX HYDRAULIC PUMP 3	LL/11

ICN-88277-G2764004-006-01

## **TO 1300i-2-27JG-60-2**

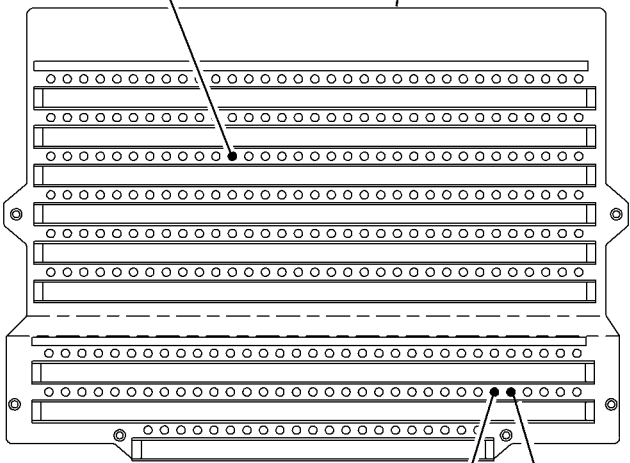
8. Open **HYD XFER PUMP CONTROL** circuit breaker on overhead circuit breaker panel, row **C**, column **12**, and attach warning tag.
9. Open **SCEFC 1** circuit breaker on overhead circuit breaker panel, row **H**, column **28**, and attach warning tag.
10. Open **SCEFC 2** circuit breaker on overhead circuit breaker panel, row **H**, column **29**, and attach warning tag.





8. HYD XFER PUMP CONTROL

OVERHEAD CIRCUIT BREAKER PANEL (REF)



9. SCEFC 1

10. SCEFC 2

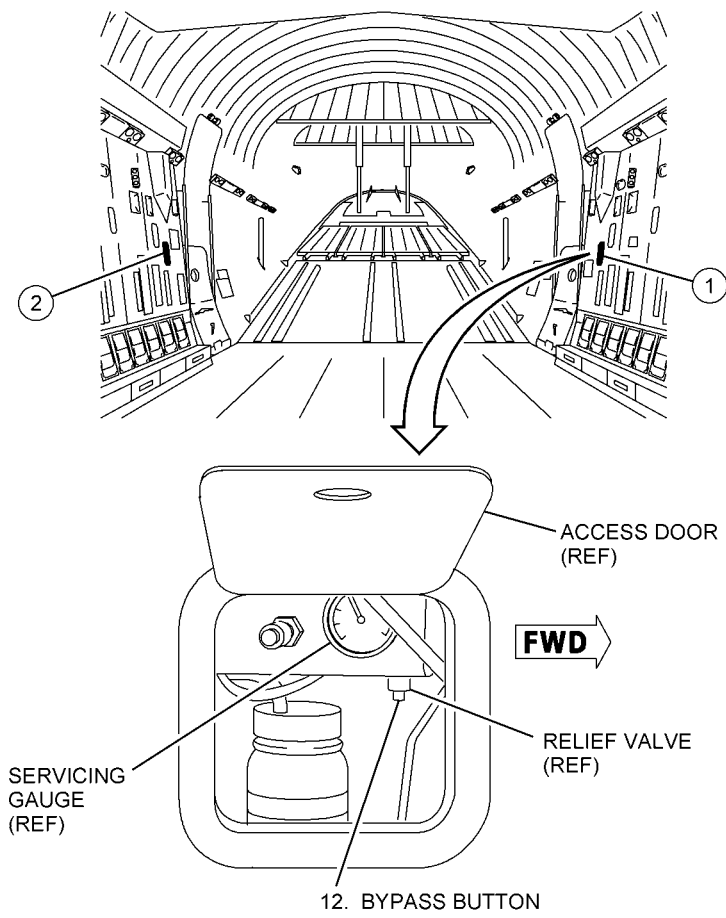
ICN-88277-G2764012-003-01



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.

11. Open access door.
12. Press bypass button on hydraulic system until servicing gauge stops decreasing.
  - Servicing gauge reads nitrogen precharge (TO 1300i-2-12JG-29-1, 12-29-00, para 1-21).
13. Lower lower wing fixed trailing edge door assembly (57-54-01) as follows:

ACTUATOR REF DES	DOOR REF DES	DOOR NO
2764HP001	5754CA036	665BBD
2764HP003	5754CA034	665DBD
2764HP005	5754CA029	565BBD
2764HP007	5754CA031	565DBD



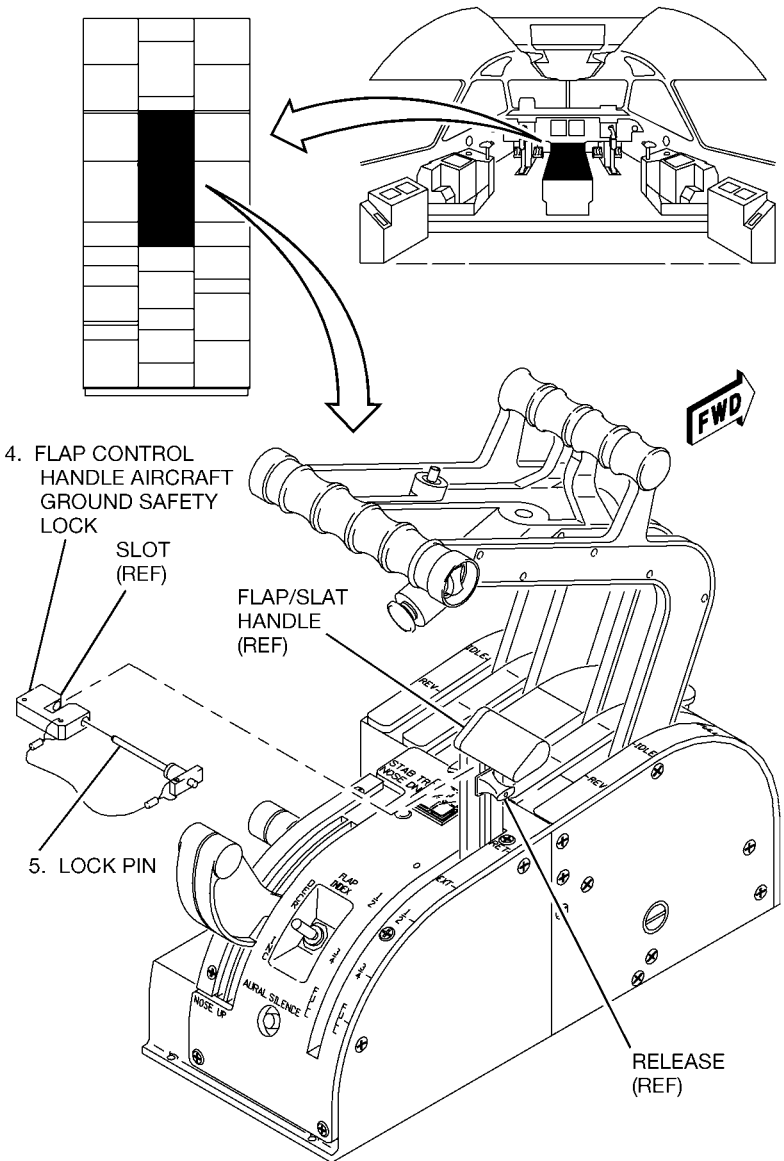
11.

ACTUATOR REF DES	INDEX NO.	HYDRAULIC SYSTEM	ACCESS DOOR NO.
2764HP001	1	2	265TZM(AT)
2764HP007			
2764HP003	2	3	266TZM(AT)
2764HP005			

ICN-88277-G2764128-011-01

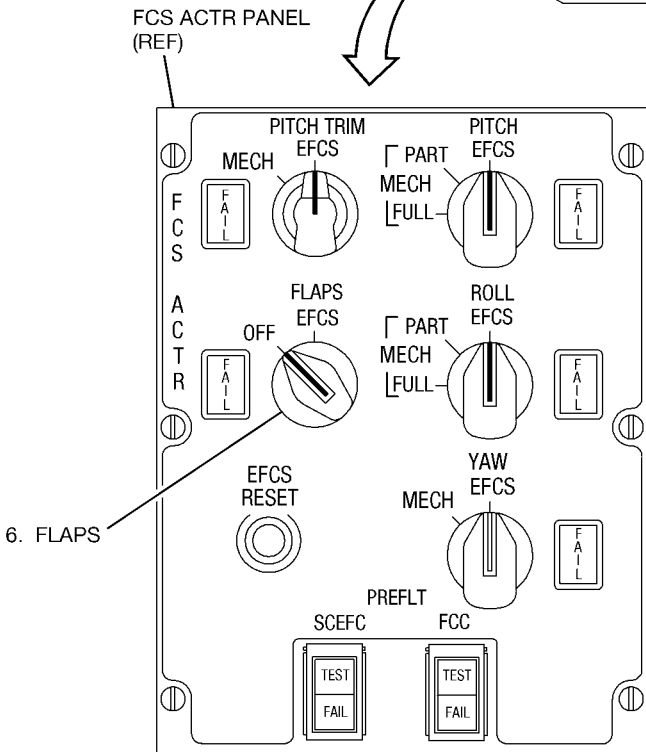
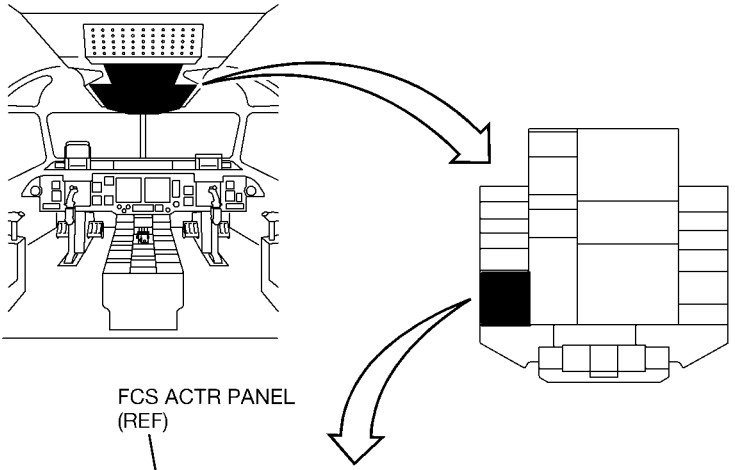
**2-2. PREPARATION FOR 2764HP002, 2764HP004,  
2764HP006, AND 2764HP008.**

1. Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
2. Review task "Functional Input Conditions" page for task specific safety conditions.
3. Operate flaps system and position flap/slat handle to **1/2** (27-50-03, task 03-1).
4. Install flap control handle aircraft ground safety lock over flap/slat handle above release.
5. Align holes in aircraft ground safety lock with slot in handle and install lock pin.



ICN-88277-G2764011-005-01

6. Ensure **FLAPS** switch on **FCS ACTR** panel is **OFF** and attach warning tag.

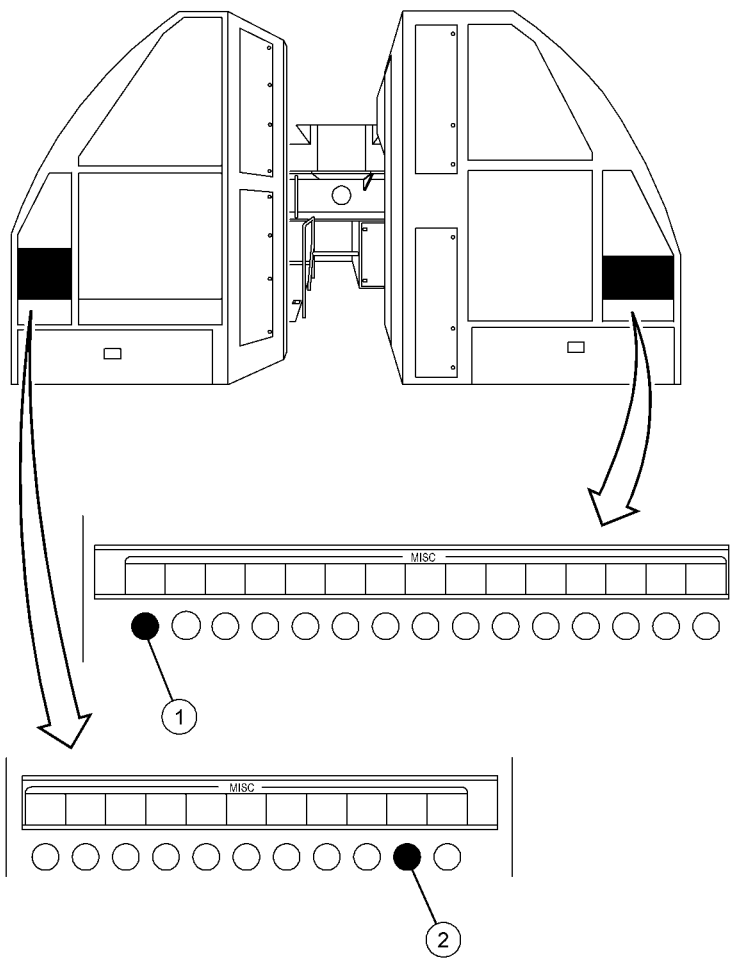


ICN-88277-G2764014-002-01

## **TO 1300i-2-27JG-60-2**

7. Open **AUX HYDRAULIC PUMP** circuit breaker on electrical power center, and attach warning tag.





7.—

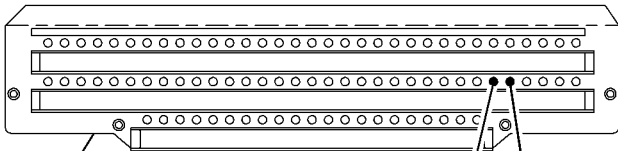
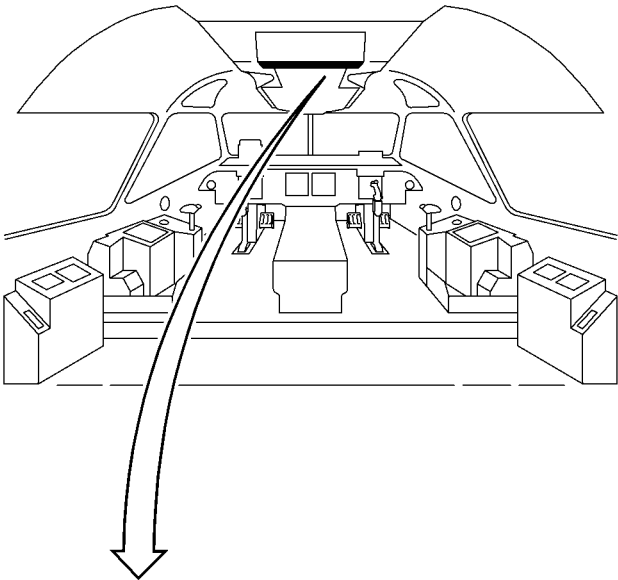
ACTUATOR REF DES	INDEX NO.	CIRCUIT BREAKER	ROW/ COLUMN
2764HP002 2764HP004	1	AUX HYDRAULIC PUMP 4	LL/10
2764HP006 2764HP008	2	AUX HYDRAULIC PUMP 1	LL/68

ICN-88277-G2764010-007-01

**TO 1300i-2-27JG-60-2**

- 8. Open **SCEFC 1** circuit breaker on overhead circuit breaker panel, row **H**, column **28**, and attach warning tag.
- 9. Open **SCEFC 2** circuit breaker on overhead circuit breaker panel, row **H**, column **29**, and attach warning tag.
- 10. Lower lower wing fixed trailing edge door assembly (57-54-01) as follows:

<b>ACTUATOR REF DES</b>	<b>DOOR REF DES</b>	<b>DOOR NO</b>
2764HP002	5754CA035	665CBD
2764HP004	5754CA033	665EBD
2764HP006	5754CA030	565CBD
2764HP008	5754CA032	565EBD

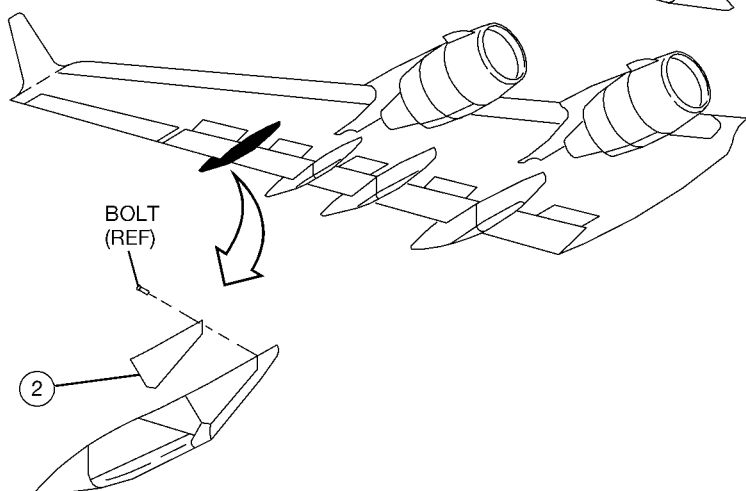
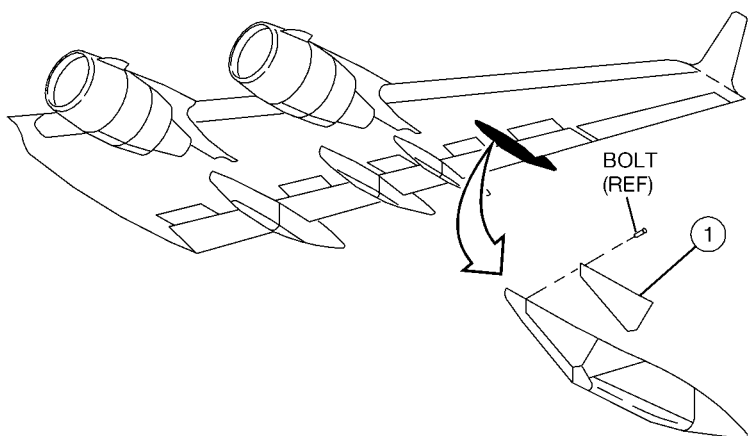


OVERHEAD CIRCUIT  
BREAKER PANEL  
(REF)

8. SCEFC 1      9. SCEFC 2

## **TO 1300i-2-27JG-60-2**

11. (2764HP004, 2764HP008) Identify and remove bolts; remove access panel.



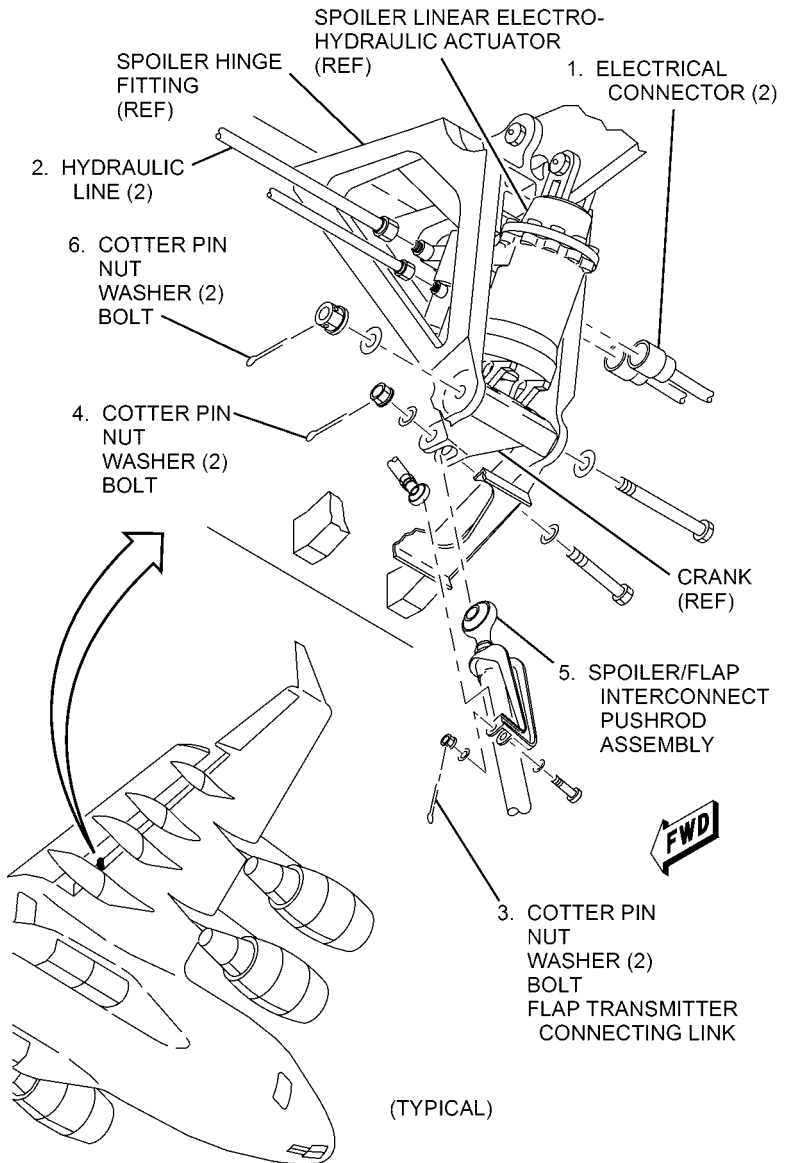
11.

ACTUATOR REF DES	INDEX NO.	PANEL NO.	BOLT QTY
2764HP008	1	573LLP	47
2764HP004	2	673LLP	47

ICN-88277-G2764136-001-01

**2-3. REMOVAL OF 2764HP001, 2764HP003,  
2764HP005, AND 2764HP007.**

1. (A) Disconnect electrical connectors.
2. (A) Disconnect hydraulic lines.
3. (A) Remove cotter pin, nut, washers, bolt; disconnect flap transmitter connecting link.
4. (A) Remove cotter pin, nut, washers, and bolt attaching spoiler/flap interconnect pushrod assembly to crank.
5. (A) Position spoiler/flap interconnect pushrod assembly clear of spoiler linear electro-hydraulic actuator.
6. (A) Remove cotter pin, nut, washers, and bolt attaching crank to spoiler hinge fitting.

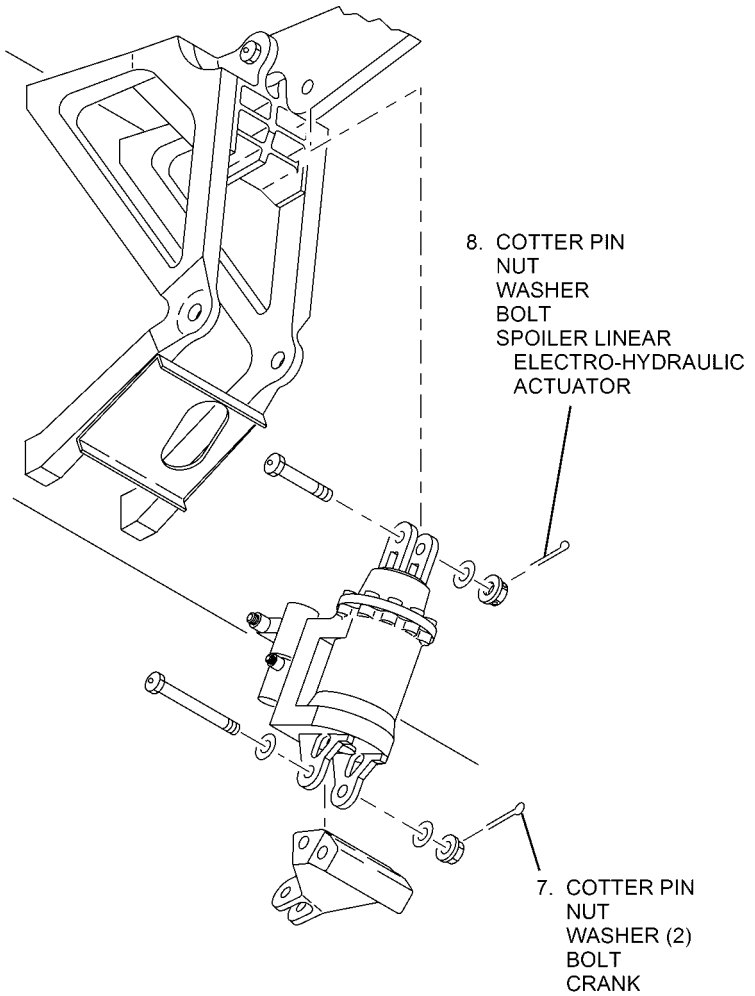


ICN-88277-G2764006-008-01

## **TO 1300i-2-27JG-60-2**

7. (A) Remove safety wire, cotter pin, nut, washers, bolt, and crank.
8. (A,B) Remove cotter pin, nut, washer, bolt, and spoiler linear electro-hydraulic actuator.



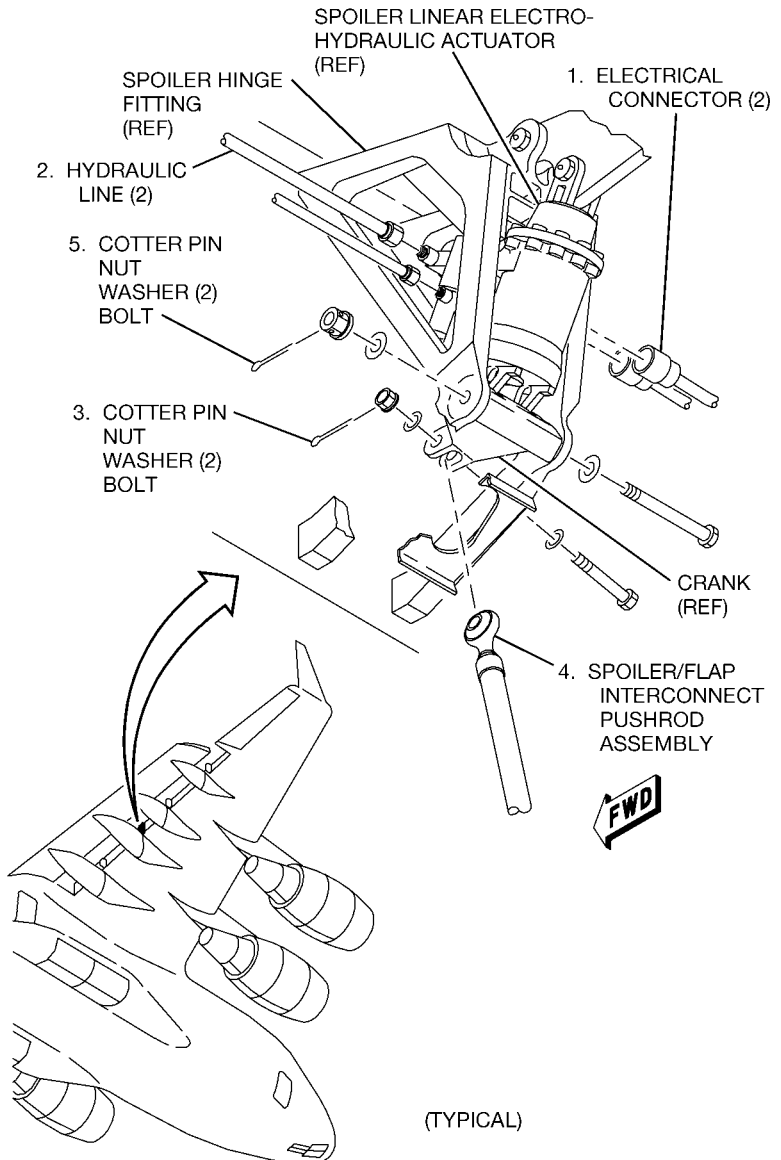


(TYPICAL)

ICN-88277-G2764060-008-01

**2-4. REMOVAL OF 2764HP002, 2764HP004,  
2764HP006, AND 2764HP008.**

1. (A) Disconnect electrical connectors.
2. (A) Disconnect hydraulic lines.
3. (A) Remove cotter pin, nut, washers, and bolt attaching spoiler/flap interconnect pushrod assembly to crank.
4. (A) Position spoiler/flap interconnect pushrod assembly clear of spoiler linear electro-hydraulic actuator.
5. (A) Remove cotter pin, nut, washers, and bolt attaching crank to spoiler hinge fitting.

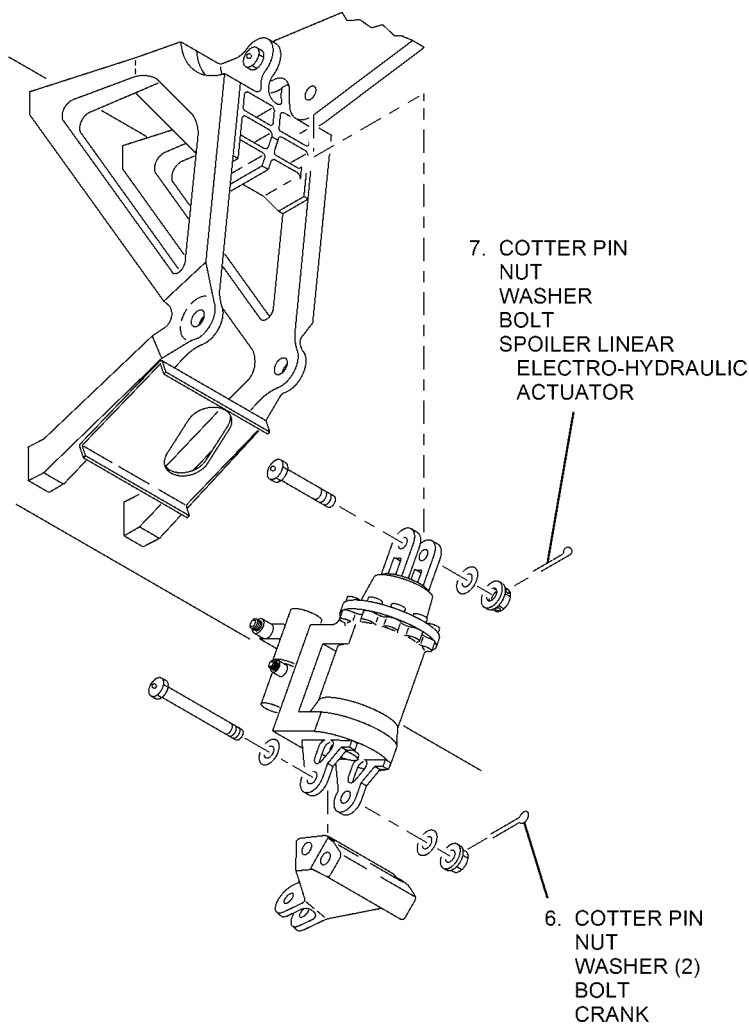


(TYPICAL)

ICN-88277-G2764059-007-01

## **TO 1300i-2-27JG-60-2**

6. (A) Remove safety wire, cotter pin, nut, washers, bolt, and crank.
7. (A,B) Remove cotter pin, nut, washer, bolt, and spoiler linear electro-hydraulic actuator.



(TYPICAL)

ICN-88277-G2764015-010-01



**SPOILER LINEAR ELECTRO-HYDRAULIC  
ACTUATOR INSTALLATION  
(27-64-10-3)**

**FUNCTIONAL INPUT CONDITIONS:**

<b>Applicability:</b>	<b>Task</b>
All	All

**Additional information:**

This procedure consists of the following tasks:

- 3-1. Installation of 2764HP001, 2764HP003, 2764HP005, and 2764HP007.
- 3-2. Installation of 2764HP002, 2764HP004, 2764HP006, and 2764HP008.
- 3-3. Follow-on maintenance for 2764HP001, 2764HP003, 2764HP005, and 2764HP007.
- 3-4. Follow-on maintenance for 2764HP002, 2764HP004, 2764HP006, and 2764HP008.

<b>Additional data:</b>	<b>Task</b>
TO 1300i-23	3-4
TO 1300i-2-27JG-00-1	3-3, 3-4
TO 1300i-2-27JG-50-1	3-3, 3-4
TO 1300i-2-27JG-60-1	3-3, 3-4
TO 1300i-2-57JG-50-1	3-3, 3-4

<b>Personnel recommended:</b>	<b>Task</b>
One	3-3, 3-4

	Task
Two	3-1, 3-2
Person (A) performs task.	
Person (B) assists person (A).	

Safety conditions:

Task



Areas below lower wing fixed trailing edge door assembly shall remain clear of personnel when door is in lowered position and suspended from lanyards. Failure to comply may cause injury to personnel or damage to aircraft.

All



## Support equipment:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Wrench, Torque	--	(0-50 in-lb)	1	3-1, 3-2
Wrench, Torque	--	(0-600 in-lb)	1	3-1, 3-2
Wrench, Torque	--	(0-2400 in-lb)	1	3-1, 3-2

## Supplies:

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Grease, Aircraft	AEROSHELL GREASE 22	--	AR	3-1, 3-2
Pin, Cotter	MS24665-151	--	1	3-1
Pin, Cotter	MS24665-302	--	1	3-1, 3-2
Pin, Cotter	MS24665-304	--	1	3-1

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
Pin, Cotter	MS24665-304	--	2	3-2
Pin, Cotter	MS24665-306	--	2	3-1, 3-2
Pin, Cotter	MS24665-370	--	1	3-1, 3-2
Pin, Cotter	MS24665-372	--	1	3-1, 3-2
Sealant	PR-1775 B-1/2	AMS 3265	AR	3-1, 3-2
Washer	AN960C1416	--	AR	3-1, 3-2
Washer	17P6W8250-3	--	AR	3-1, 3-2
Washer	AN960C1416L	--	AR	3-1, 3-2
Washer	4D0012-14P	--	AR	3-1, 3-2
Washer	NAS1149C1490R	--	AR	3-1, 3-2
Wire, Safety	MS20995NC51	--	AR	3-1, 3-2



3-1.   **INSTALLATION OF 2764HP001, 2764HP003,  
2764HP005, AND 2764HP007.**

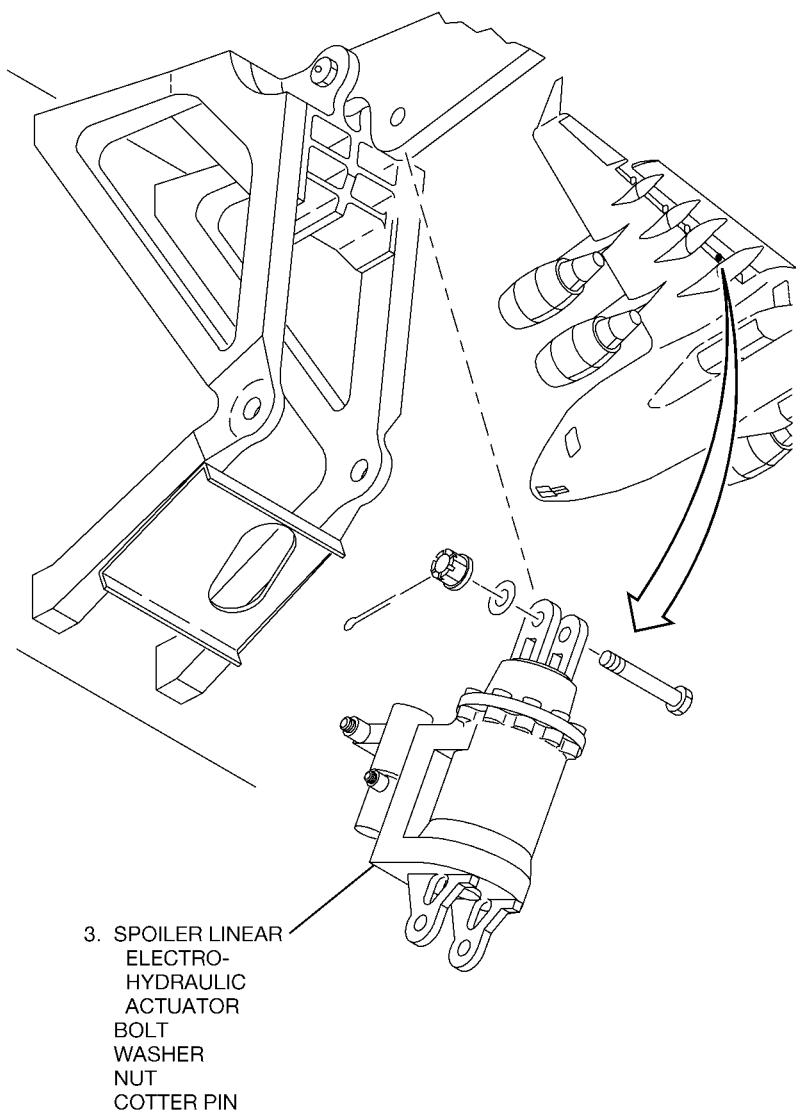
- 1.   Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
- 2.   Review task "Functional Input Conditions" page for task specific safety conditions.

**NOTE**

When installing spoiler linear electro-hydraulic actuator, the bolt head orientation for the attaching bolt is optional.

- 3.   (A,B) Position spoiler linear electro-hydraulic actuator and install bolt, washer, and nut; torque **20-25 in-lb** and install cotter pin.

ACTUATOR REF DES	COTTER PIN PN
2764HP001	MS24665-372
2764HP003	MS24665-370
2764HP005	MS24665-372
2764HP007	MS24665-370



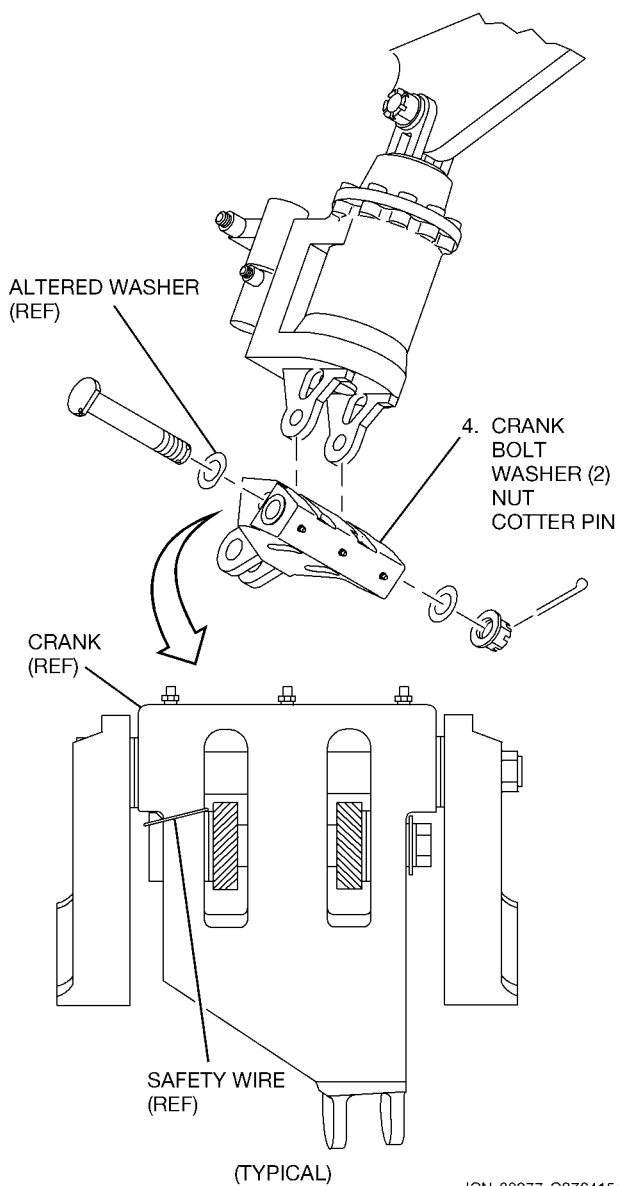
(TYPICAL)

ICN-88277-G2764061-010-01

NOTE

- When installing crank, the attaching bolt shall be installed with bolt head on the outboard side.
  - Nut may be backed off to nearest hole to install cotter pin.
4. (A) Position crank and install bolt, altered washer (PN 17P6W8250-3) under bolt head and washer under nut. Torque as follows; secure bolt head with safety wire around the crank, install cotter pin.

ACTUATOR REF DES	TORQUE	COTTER PIN PN
2764HP001	660-780 in-lb	MS24665-306
2764HP003	290-415 in-lb	MS24665-304
2764HP005	660-780 in-lb	MS24665-306
2764HP007	290-415 in-lb	MS24665-304



ICN-88277-G2764154-001-01

NOTE

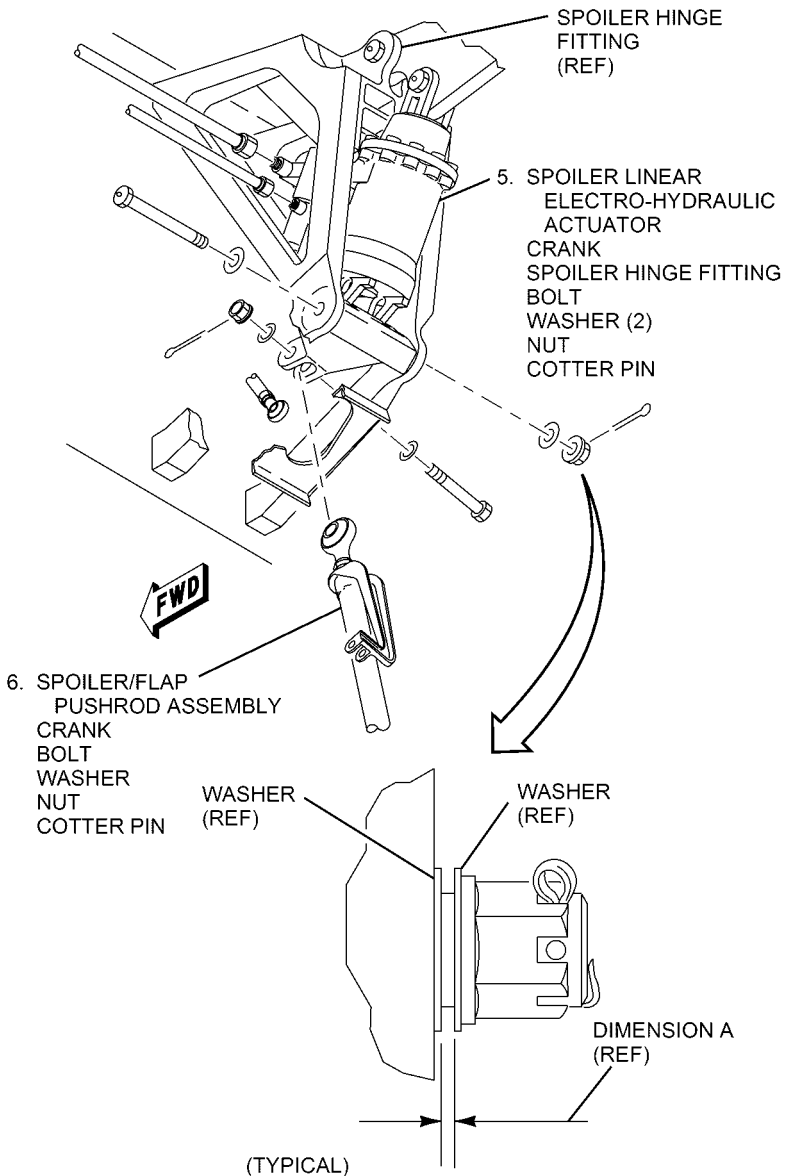
- When measuring the "A" dimension, add washers AN960C1416, AN960C1416L, or 4D0012-14P as required.
  - Nut may be backed off to the nearest hole to install cotter pin.
5. (A) Position spoiler linear electro-hydraulic actuator and crank on spoiler hinge fitting; install bolt (with bolt head orientation inboard), washers, and nut; torque **1100-1300 in-lb** and install cotter pin (PN MS24665-306).
- Dimension A measures 0.00 inch to 0.032 inch.

NOTE

- Torque nut until bushing, washer, and nut are all in contact with each other. Do not over-torque nut.
  - Nut may be backed off to the nearest hole to install cotter pin.
6. (A) Position spoiler/flap interconnect pushrod assembly in crank; install bolt, washer, nut, and cotter pin.

ACTUATOR REF DES	BOLT HEAD ORIENTATION	COTTER PIN PN
2764HP001	INBD	MS24665-304
2764HP003	OUTBD	MS24665-302
2764HP005	INBD	MS24665-304
2764HP007	OUTBD	MS24665-302





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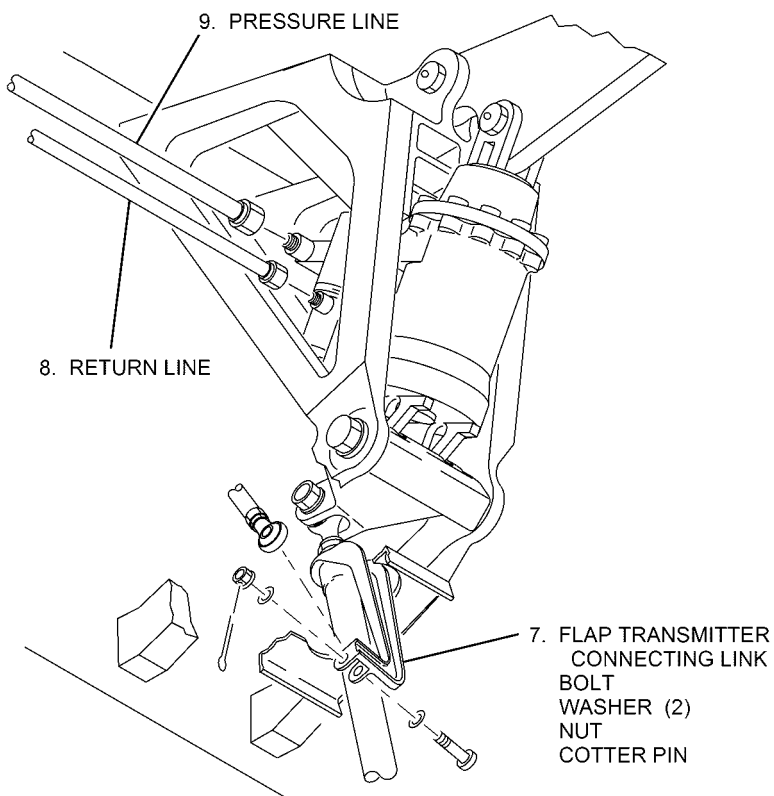
NOTE

Nut may be backed off to the nearest hole to install cotter pin.

7. (A) Connect flap transmitter connecting link; install bolt, washers, nut, torque nut to **30-42 in-lb** and install cotter pin (PN MS24665-151).

ACTUATOR REF DES	BOLT HEAD ORIENTATION
2764HP001	OUTBD
2764HP003	INBD
2764HP005	OUTBD
2764HP007	INBD

8. (A) Connect return line and torque **215-280 in-lb**.
9. (A) Connect pressure line and torque **470-550 in-lb**.



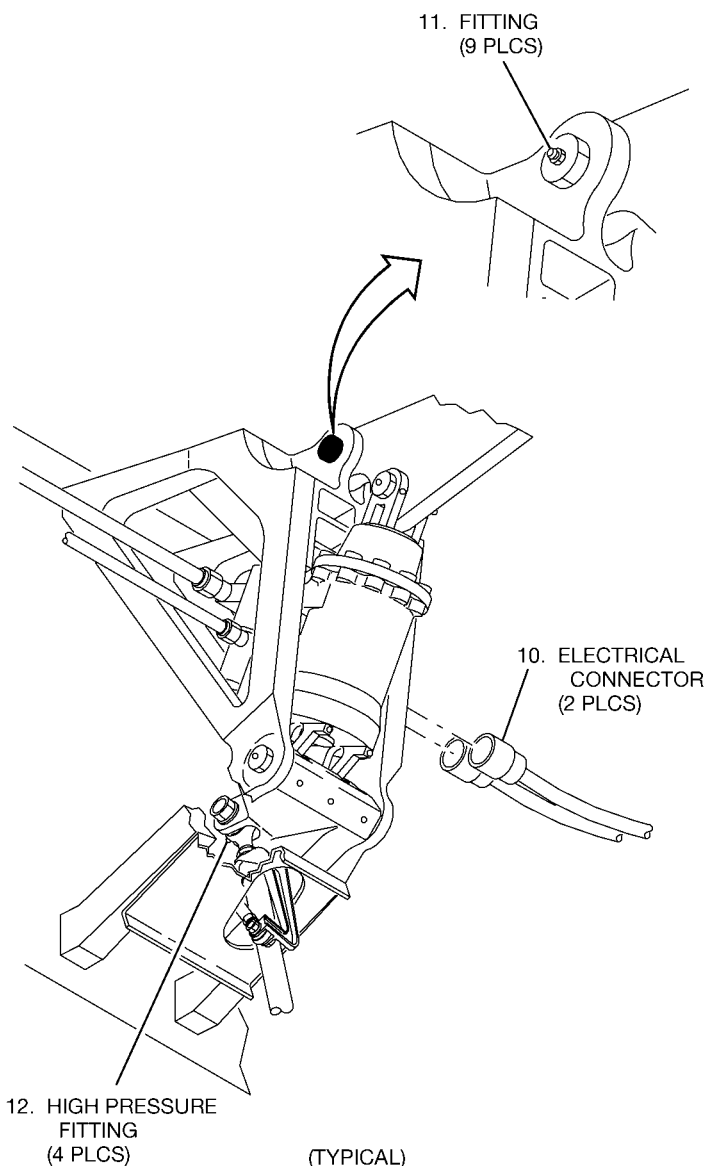
ICN-88277-G2764129-004-01

10. (A) Connect electrical connectors as follows:

ACTUATOR REF DES	PLUG	JUNCTION
2764HP001	2764PP001	J1
	2764PP002	J2
2764HP003	2764PP005	J1
	2764PP006	J2
2764HP005	2764PP009	J1
	2764PP010	J2
2764HP007	2764PP013	J1
	2764PP014	J2

11. (A) Lubricate fittings with aircraft grease.

12. (A) Lubricate high pressure fittings with aircraft grease.



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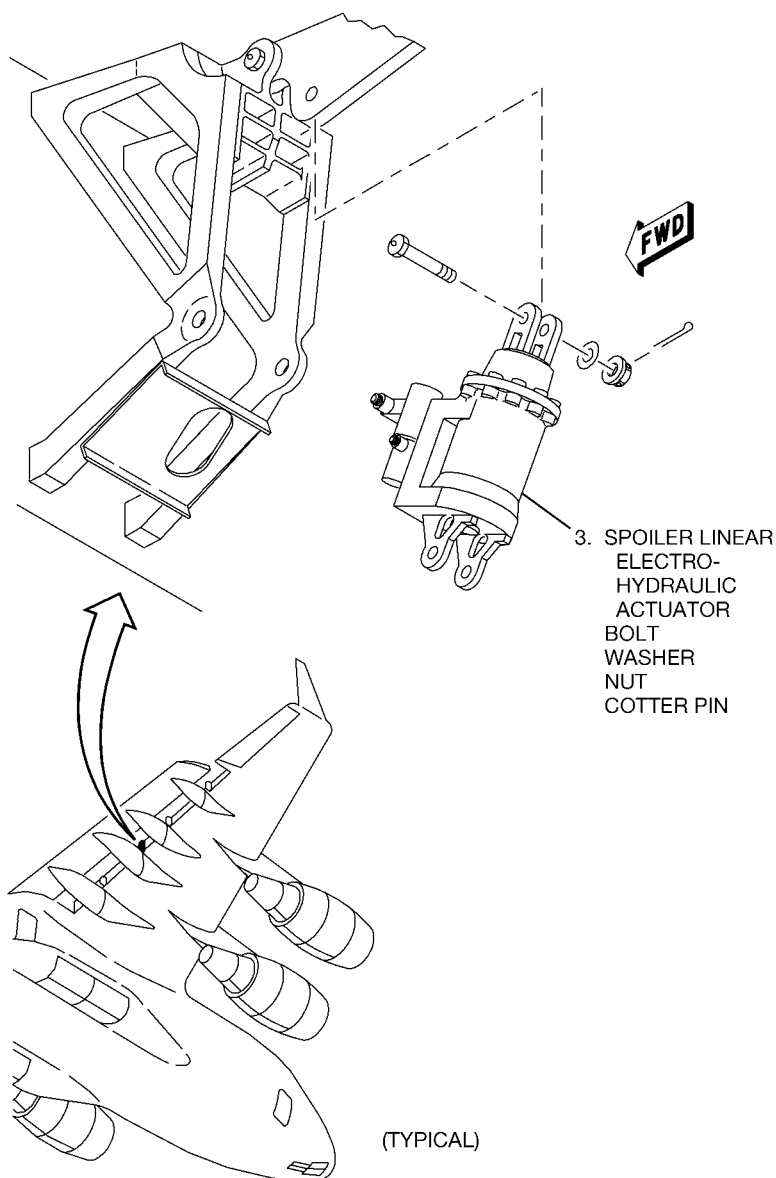
3-2.   **INSTALLATION OF 2764HP002, 2764HP004,  
2764HP006, AND 2764HP008.**

- 1.   Review "Section 1 (General Information)" of this TO for system general warnings, cautions, and notes.
- 2.   Review task "Functional Input Conditions" page for task specific safety conditions.

**NOTE**

- When installing spoiler linear electro-hydraulic actuator, the bolt head orientation for the attaching bolt is optional.
  - Nut may be backed off to the nearest hole to install cotter pin.
3.   (A,B) Position spoiler linear electro-hydraulic actuator and install bolt, washer, and nut; torque **20-25 in-lb** and install cotter pin.

ACTUATOR REF DES	COTTER PIN PN
2764HP002	MS24665-372
2764HP004	MS24665-370
2764HP006	MS24665-372
2764HP008	MS24665-370



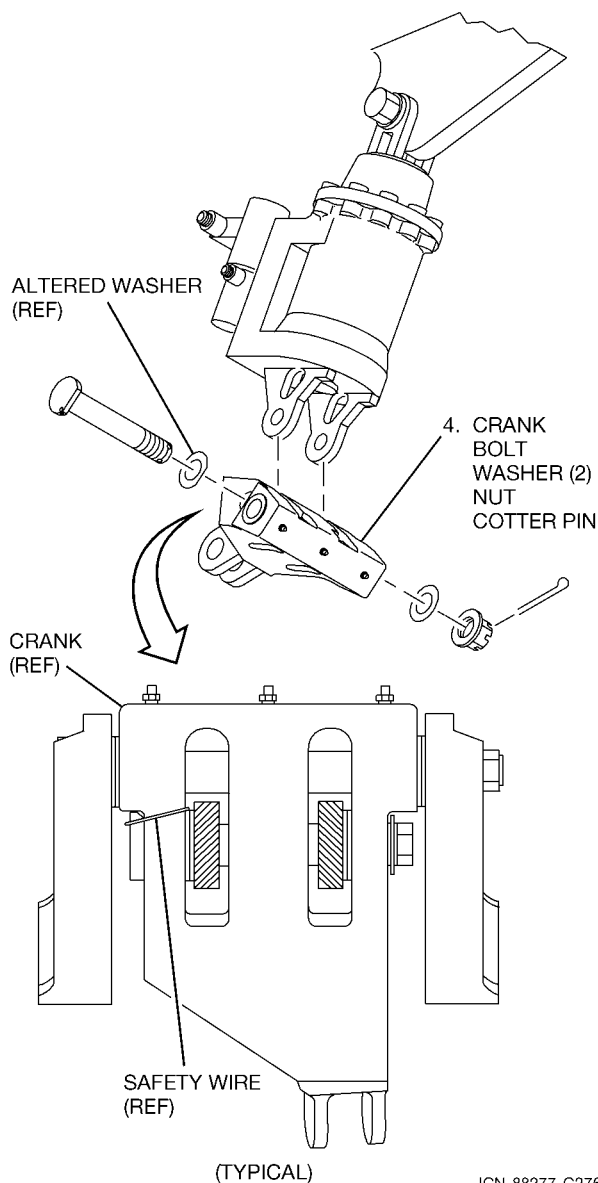
ICN-88277-G2764007-011-01

NOTE

- When installing crank, the attaching bolt shall be installed with bolt head on the outboard side.
  - Nut may be backed off to nearest hole to install cotter pin.
4. (A) Position crank and install bolt, washers, and nut; torque as follows; secure bolt with safety wire around the crank, install cotter pin.

ACTUATOR REF DES	TORQUE	COTTER PIN PN
2764HP002	660-780 in-lb	MS24665-306
2764HP004	290-415 in-lb	MS24665-304
2764HP006	660-780 in-lb	MS24665-306
2764HP008	290-415 in-lb	MS24665-304





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NOTE

- When measuring the "A" dimension, add washers AN960C1416, AN960C1416L, or 4D0012-14P as required.
  - Nut may be backed off to the nearest hole to install cotter pin.
5. (A) Position spoiler linear electro-hydraulic actuator and crank on spoiler hinge fitting; install bolt (with bolt head orientation inboard), washers, and nut; torque **1100-1300 in-lb** and install cotter pin.

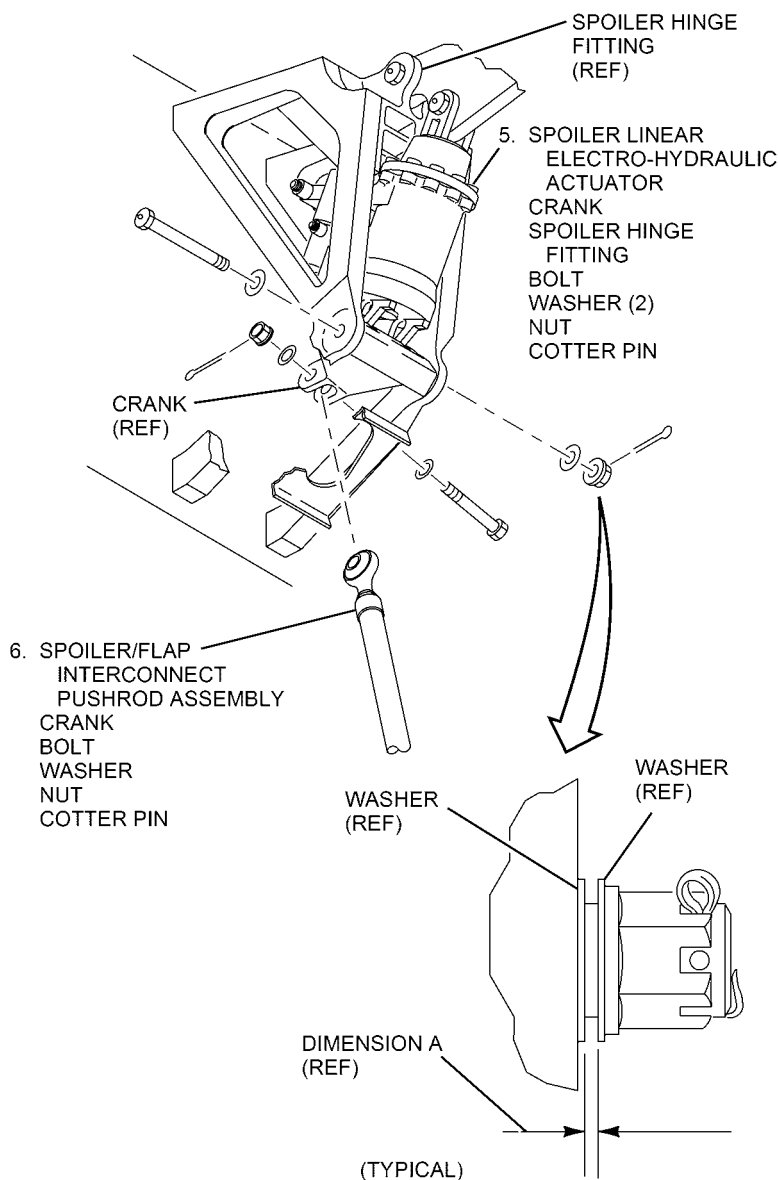
ACTUATOR REF DES	COTTER PIN PN
2764HP002	MS24665-306
2764HP004	MS24665-304
2764HP006	MS24665-306
2764HP008	MS24665-304

- Dimension A measures 0.00 inch to 0.032 inch.

NOTE

- Torque nut until bushing, washer, and nut are all in contact with each other. Do not over-torque nut.
  - Nut may be backed off to the nearest hole to install cotter pin.
6. (A) Position spoiler/flap interconnect pushrod assembly in crank; install bolt, washer, nut, and cotter pin.

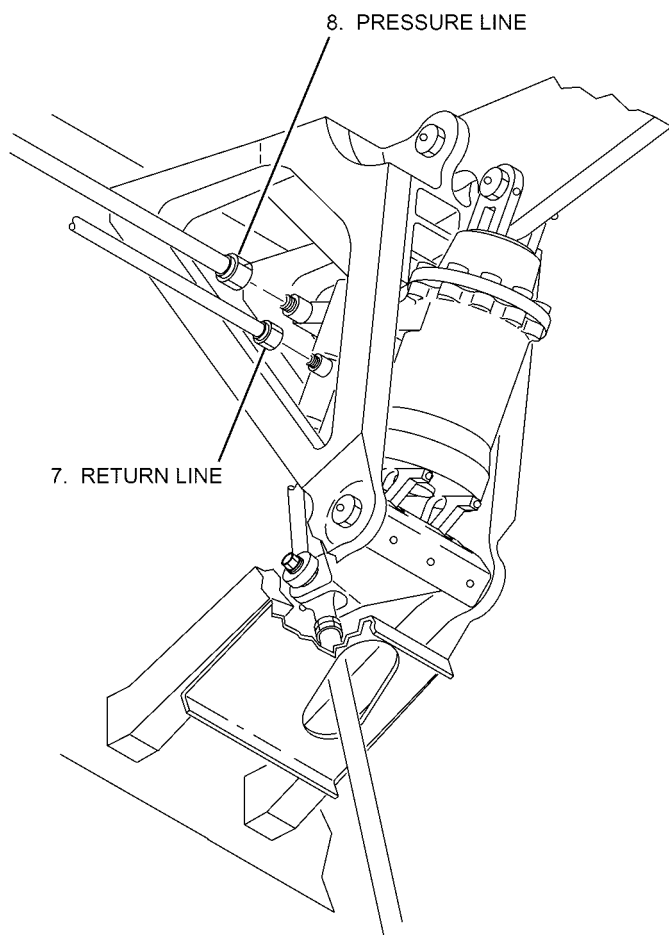
ACTUATOR REF DES	BOLT HEAD ORIENTATION	COTTER PIN PN
2764HP002	INBD	MS24665-304
2764HP004	OUTBD	MS24665-302
2764HP006	INBD	MS24665-304
2764HP008	OUTBD	MS24665-302



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## **TO 1300i-2-27JG-60-2**

7. (A) Connect return line and torque **215-280 in-lb.**
8. (A) Connect pressure line and torque **470-550 in-lb.**



(TYPICAL)

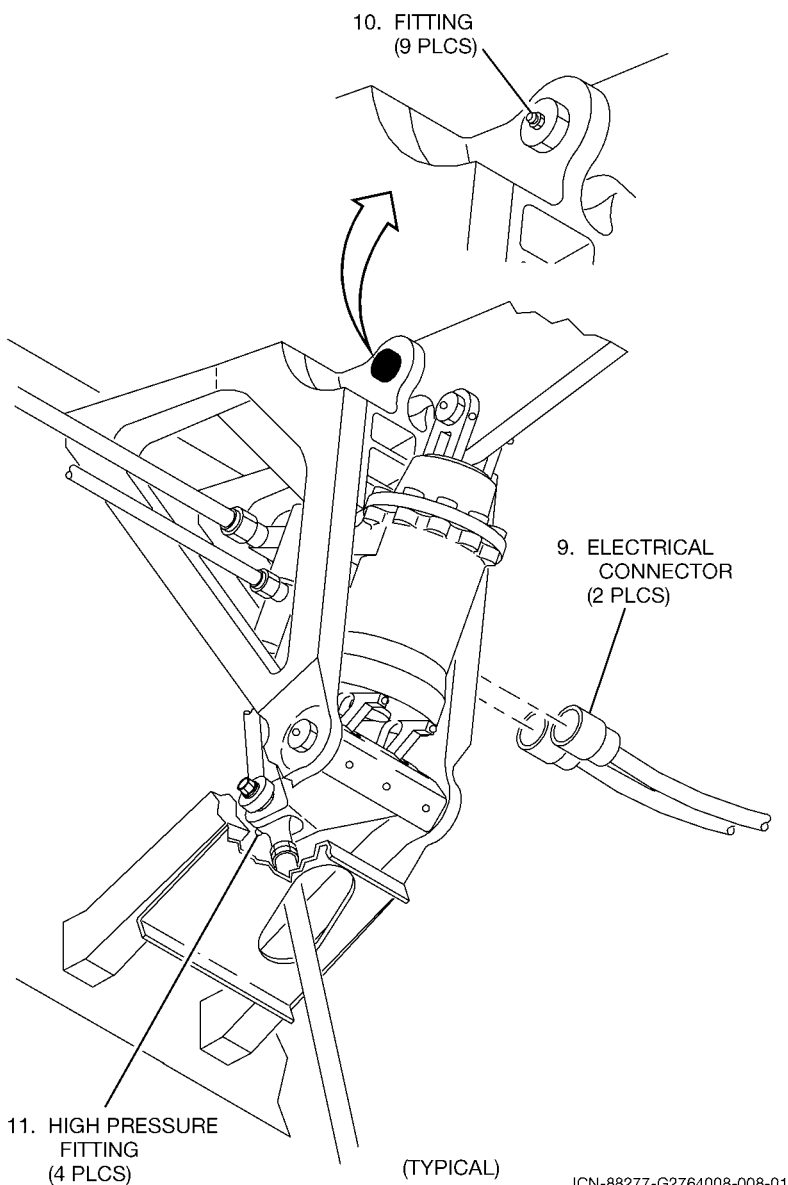
ICN-88277-G2764166-001-01

9. (A) Connect electrical connectors as follows:

ACTUATOR REF DES	PLUG	JUNCTION
2764HP002	2764PP003	J1
	2764PP004	J2
2764HP004	2764PP007	J1
	2764PP008	J2
2764HP006	2764PP011	J1
	2764PP012	J2
2764HP008	2764PP015	J1
	2764PP016	J2

10. (A) Lubricate fittings with aircraft grease.

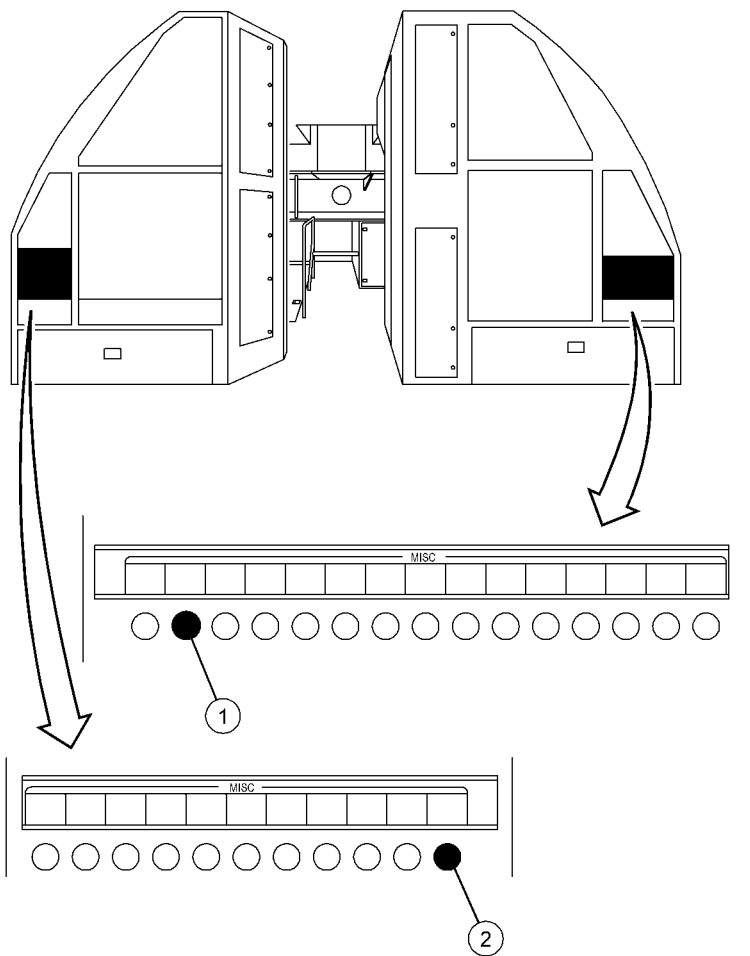
11. (A) Lubricate high pressure fittings with aircraft grease.



**3-3. FOLLOW-ON MAINTENANCE FOR  
2764HP001, 2764HP003, 2764HP005, AND  
2764HP007.**

1. Remove warning tag and close **AUX HYDRAULIC PUMP** circuit breaker on electrical power center.





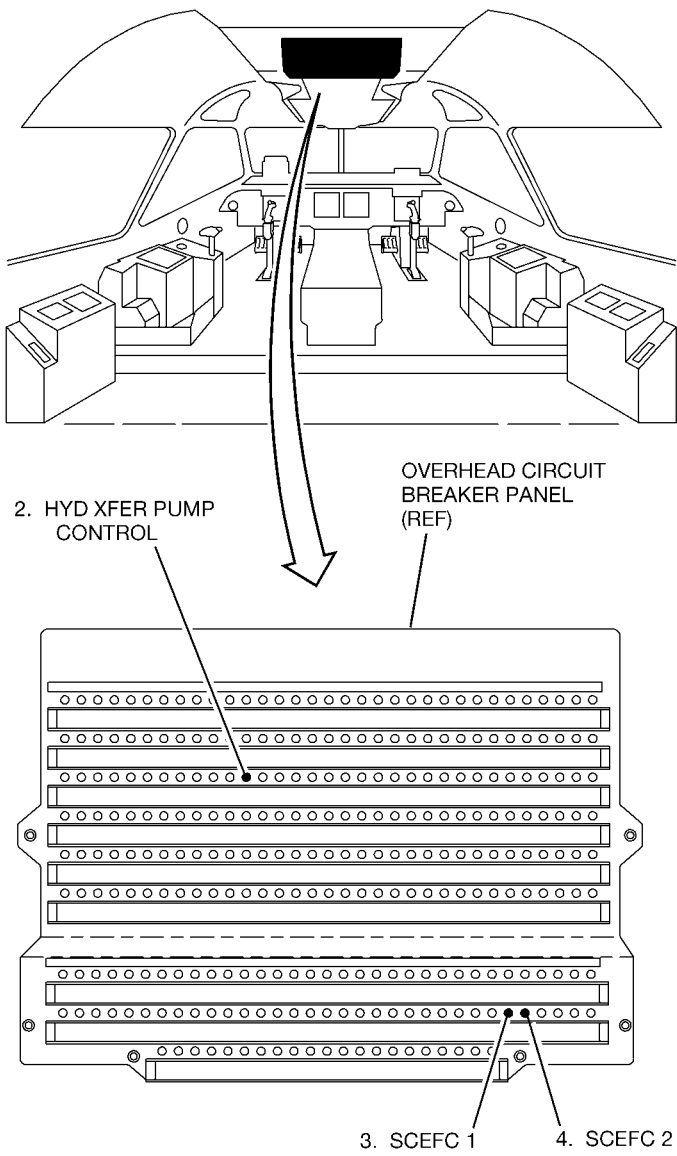
1. —

ACTUATOR REF DES	INDEX NO.	CIRCUIT BREAKER	ROW/ COLUMN
2764HP001 2764HP007	1	AUX HYDRAULIC PUMP 2	LL/69
2764HP003 2764HP005	2	AUX HYDRAULIC PUMP 3	LL/11

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## **TO 1300i-2-27JG-60-2**

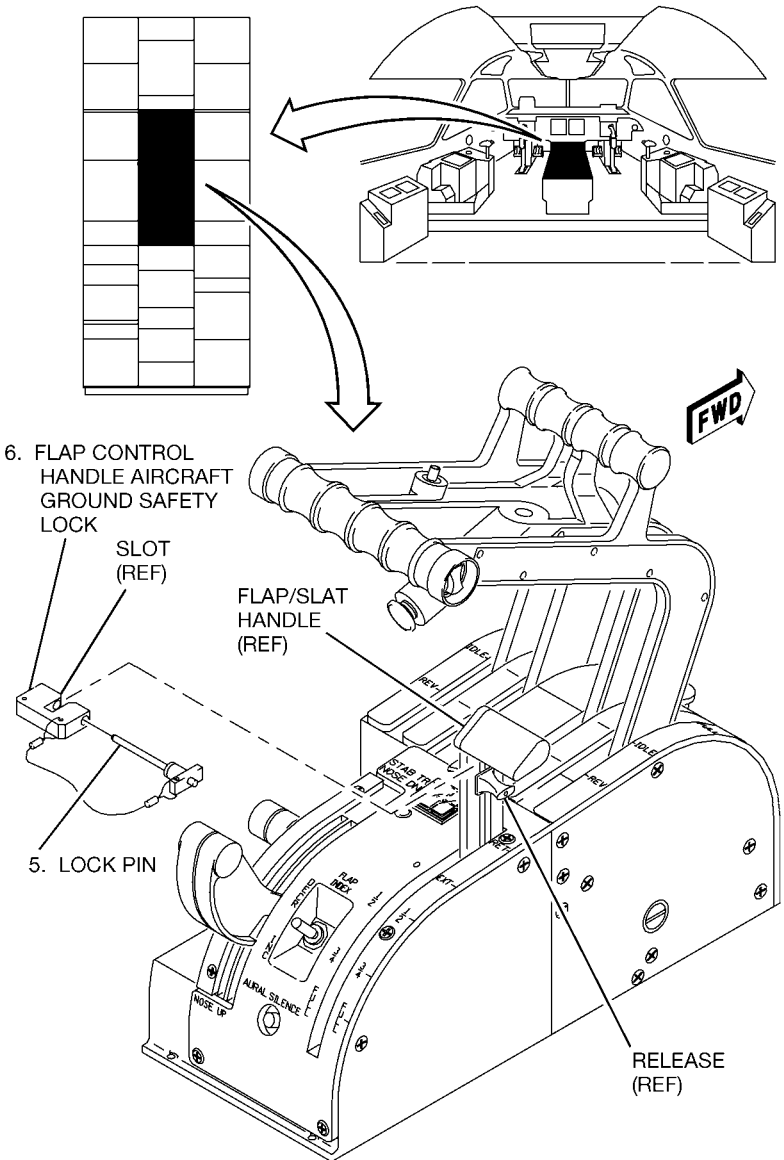
2. Remove warning tag and close **HYD XFER PUMP CONTROL** circuit breaker on overhead circuit breaker panel, row **C**, column **12**.
3. Remove warning tag and close **SCEFC 1** circuit breaker on overhead circuit breaker panel, row **H**, column **28**.
4. Remove warning tag and close **SCEFC 2** circuit breaker on overhead circuit breaker panel, row **H**, column **29**.



ICN-88277-G2764065-003-01

## **TO 1300i-2-27JG-60-2**

5. Remove lockpin from flap control handle aircraft ground safety lock on flap/slat handle.
6. Remove flap control handle aircraft ground safety lock.

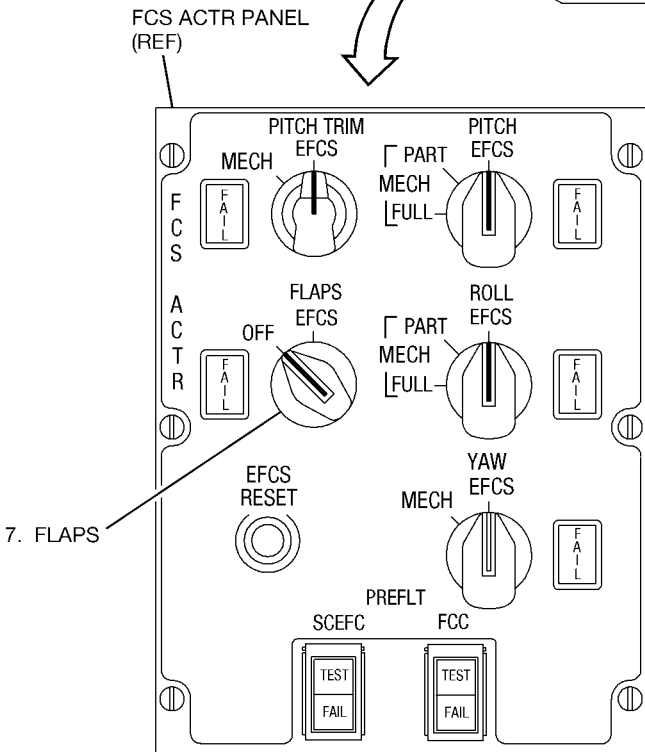
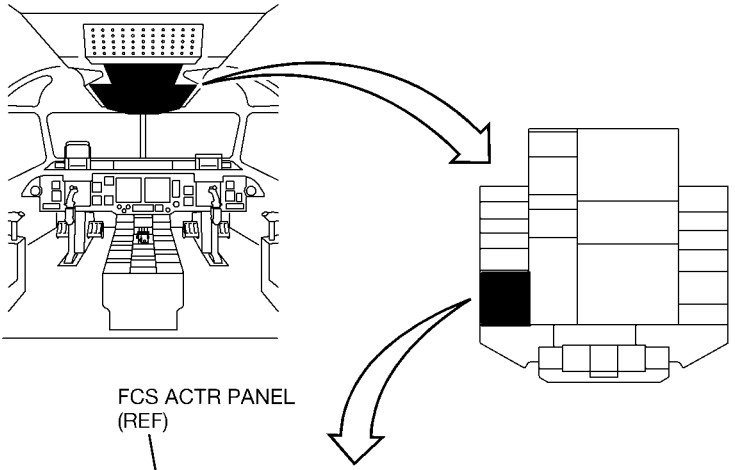


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**TO 1300i-2-27JG-60-2**

- 7. Remove warning tag from **FLAPS** switch on **FCS ACTR** panel.
- 8. Perform operational checkout (tasks 1-1, 1-2, and 1-3).
- 9. Perform flight controls system major rig (27-00-01, task 01-2).
- 10. Operate flaps system and position flap/slat handle to **UP/RET** (27-50-03, task 03-1).
- 11. Perform spoilers system operational checkout (27-60-01).
- 12. Raise lower wing fixed trailing edge door assembly (57-54-01) as follows:

ACTUATOR REF DES	DOOR REF DES	DOOR NO
2764HP001	5754CA036	665BBD
2764HP003	5754CA034	665DBD
2764HP005	5754CA029	565BBD
2764HP007	5754CA031	565DBD

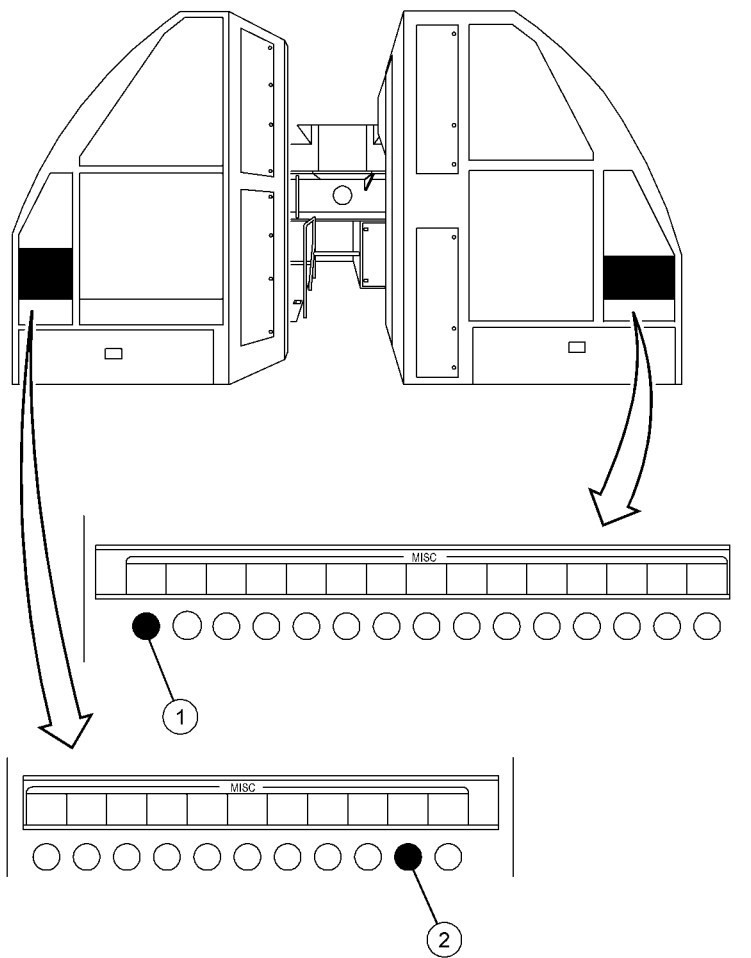


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**3-4. FOLLOW-ON MAINTENANCE FOR  
2764HP002, 2764HP004, 2764HP006, AND  
2764HP008.**

1. Remove warning tag and close **AUX HYDRAULIC PUMP** circuit breaker on electrical power center.





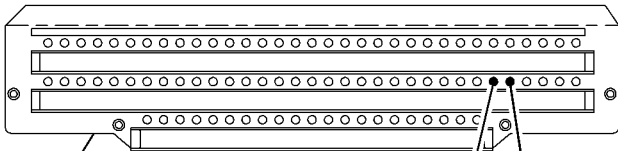
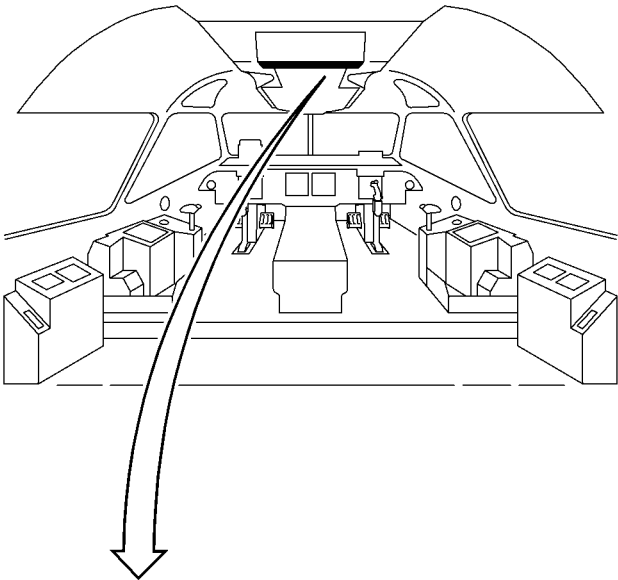
1. —

ACTUATOR REF DES	INDEX NO.	CIRCUIT BREAKER	ROW/ COLUMN
2764HP002 2764HP004	1	AUX HYDRAULIC PUMP 4	LL/10
2764HP006 2764HP008	2	AUX HYDRAULIC PUMP 1	LL/68

ICN-88277-G2764068-005-01

## **TO 1300i-2-27JG-60-2**

2. Remove warning tag and close **SCEFC 1** circuit breaker on overhead circuit breaker panel, row **H**, column **28**.
3. Remove warning tag and close **SCEFC 2** circuit breaker on overhead circuit breaker panel, row **H**, column **29**.

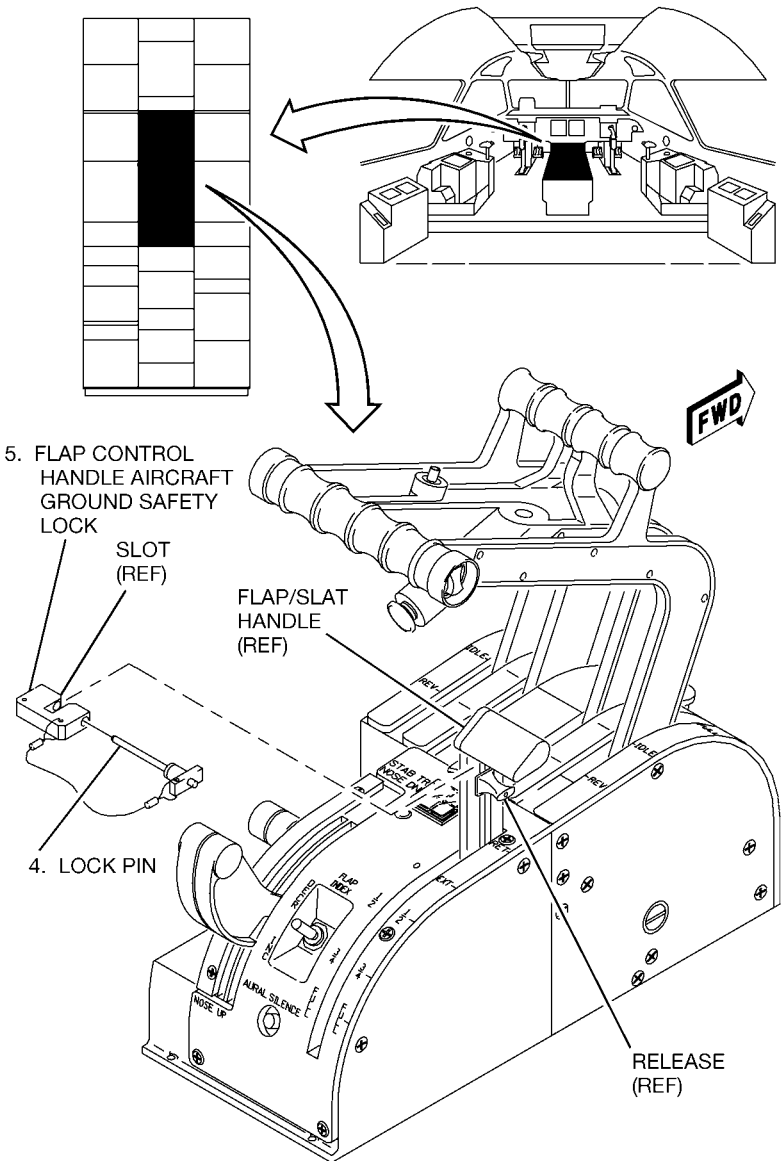


OVERHEAD CIRCUIT  
BREAKER PANEL  
(REF)

2. SCEFC 1      3. SCEFC 2

## **TO 1300i-2-27JG-60-2**

4. Remove lock pin from flap control handle aircraft ground safety lock on flap/slat handle.
5. Remove flap control handle aircraft ground safety lock.

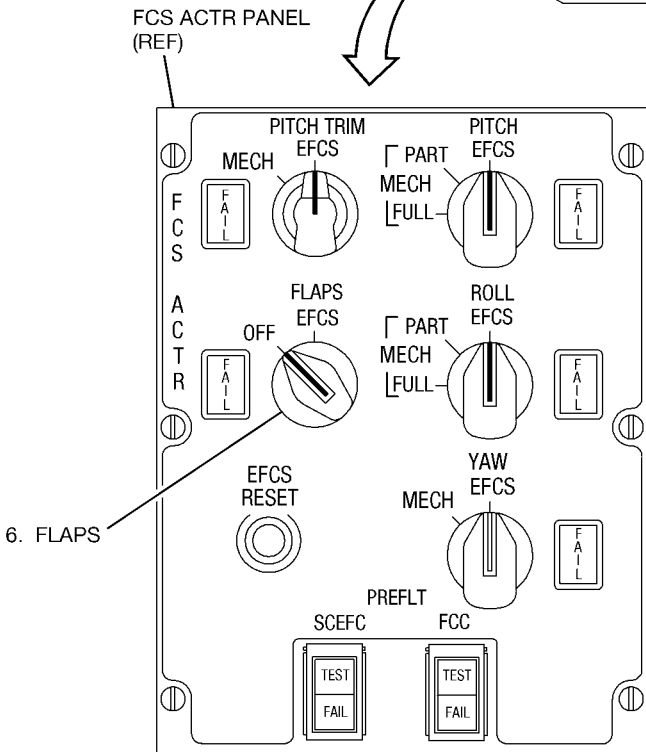
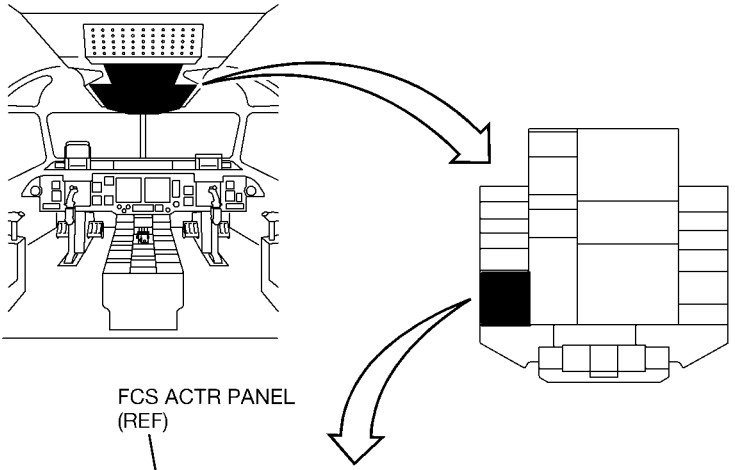


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**TO 1300i-2-27JG-60-2**

- 6. Remove warning tag from **FLAPS** switch on **FCS ACTR** panel.
- 7. Perform operational checkout (tasks 1-1, 1-2, and 1-3).
- 8. Perform flight controls system major rig (27-00-01, task 01-2).
- 9. Operate flaps system and position flap/slat handle to **UP/RET** (27-50-03, task 03-1).
- 10. Perform spoilers system operational checkout (27-60-01).
- 11. Raise lower wing fixed trailing edge door assembly (57-54-01) as follows:

ACTUATOR REF DES	DOOR REF DES	DOOR NO
2764HP002	5754CA035	665CBD
2764HP004	5754CA033	665EBD
2764HP006	5754CA030	565CBD
2764HP008	5754CA032	565EBD

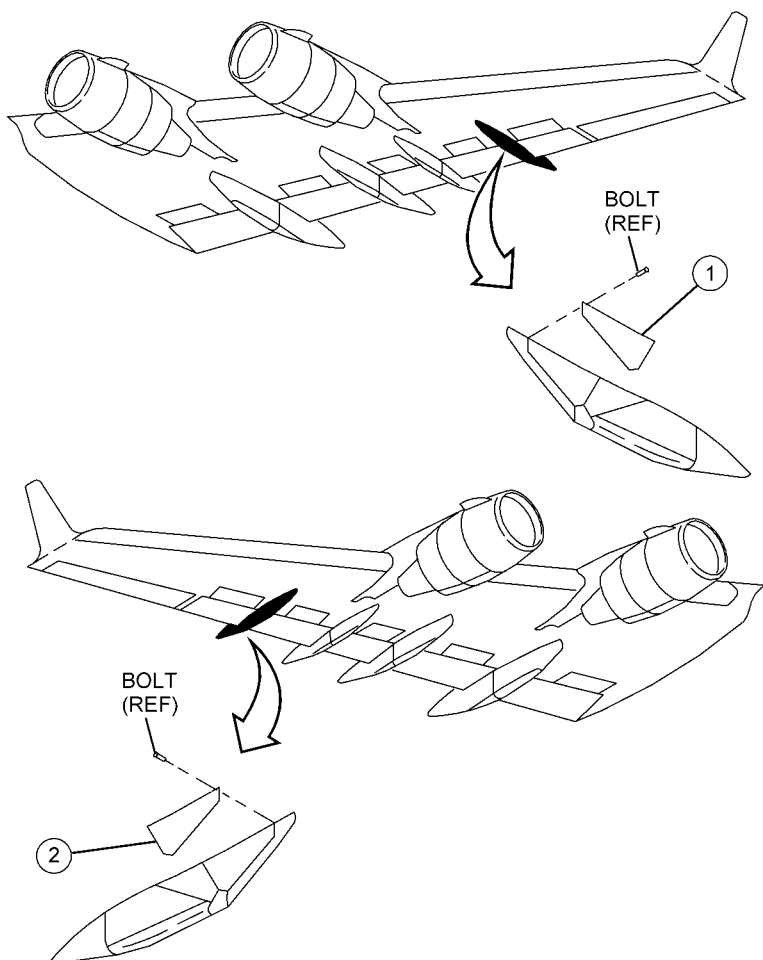


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## **TO 1300i-2-27JG-60-2**

12. (2764HP004, 2764HP008) Perform wet fastener installation using AMS 3265 (TO 1300i-23, Chapter 1, Section III).
13. (2764HP004, 2764HP008) Position access panel; install bolts as identified.





13.	ACTUATOR REF DES	INDEX NO.	PANEL NO.	BOLT QTY
	2764HP008	1	573LLP	47
	2764HP004	2	673LLP	47

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