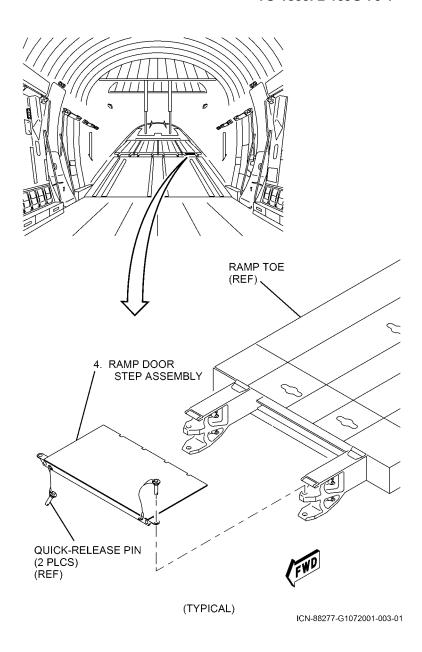
# 01-3. INSTALL RAMP DOOR STEP ASSEMBLY $\langle \overline{AA} \rangle \to \langle \overline{CN} \rangle$ .

#### **NOTE**

This is a typical task to install all ramp door step assemblies.

- 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 cargo ramp toe assembly removal (52-32-13, task 2-2).
- 4. Install ramp door step assembly on ramp toe.



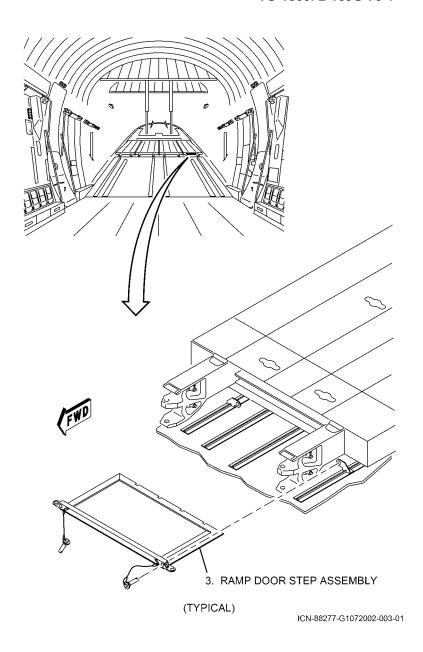
## 01-4. STOW RAMP DOOR STEP ASSEMBLY

 $\langle AA \rangle \rightarrow \langle CN \rangle_{\bullet}$ 

#### NOTE

This is a typical task to stow all ramp door step assemblies.

- 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. Remove and stow ramp door step assembly.
- 4. Perform cargo ramp toe assembly installation (52-32-13, task 3-2).

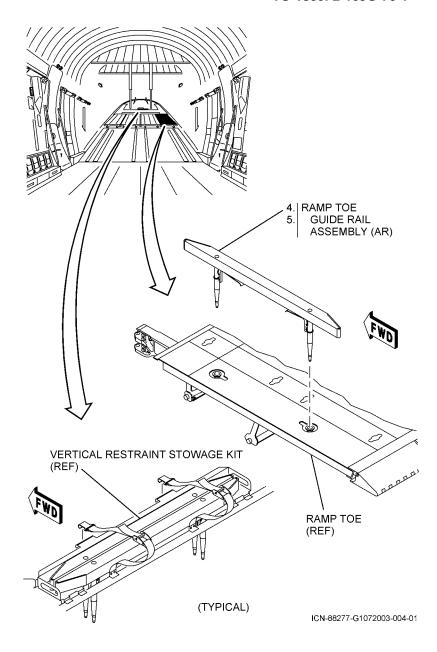


## 01-5. INSTALL RAMP TOE GUIDE RAIL ASSEMBLY.

#### NOTE

This is a typical task to install all ramp toe guide rail assemblies.

- 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. Install ramp door step assembly (task 01-3).
- 4. Remove ramp toe guide rail assemblies from vertical restraint stowage kit.
- Install guide rail assembly on ramp toe with beveled edges facing inboard.
- 6. Stow ramp door step assembly (task 01-4).

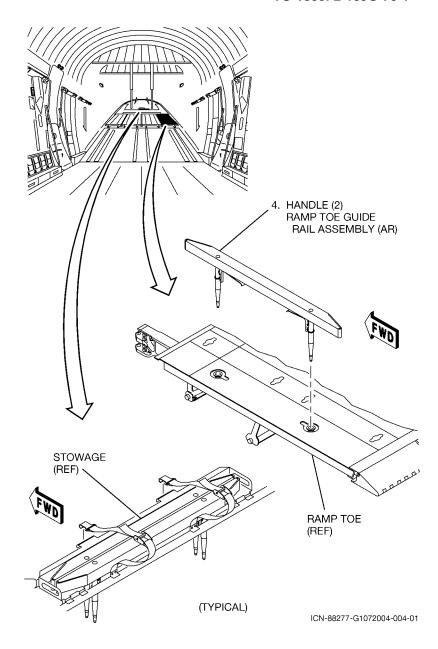


## 01-6. STOW RAMP TOE GUIDE RAIL ASSEMBLY.

#### NOTE

This is a typical task to stow all ramp toe guide rail assemblies.

- 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. Install ramp door step assembly (task 01-3).
- 4. Lift handles and remove and stow ramp toe guide rail assemblies.
- 5. Stow ramp door step assembly (task 01-4).



# 01-7. INSTALL RAMP TOE TRAY ROLLER CONVEYOR ASSEMBLY.

#### NOTE

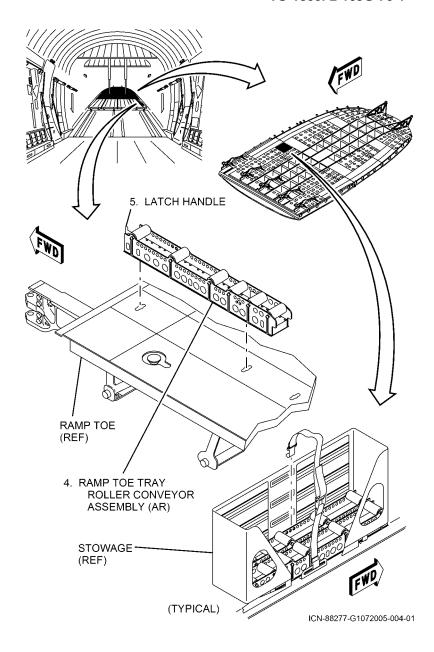
This is a typical task to install all ramp toe conveyor assemblies.

- 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. Install ramp door step assembly (task 01-3).
- 4. Remove ramp toe tray roller conveyor assemblies from Vertical Restraint Stowage Kits on cargo door.

#### **NOTE**

Aft Ramp Toe Tray Roller Conveyor Assembly are stowed in fixture on right side of cargo door. Forward Ramp Toe Tray Conveyor Assembly are stowed in fixture on left side of cargo door.

- 5. Position conveyor on ramp toe and rotate latch handle.
- 6. Stow ramp door step assembly (task 01-4).



# 01-8. STOW RAMP TOE TRAY ROLLER CONVEYOR ASSEMBLY.

#### NOTE

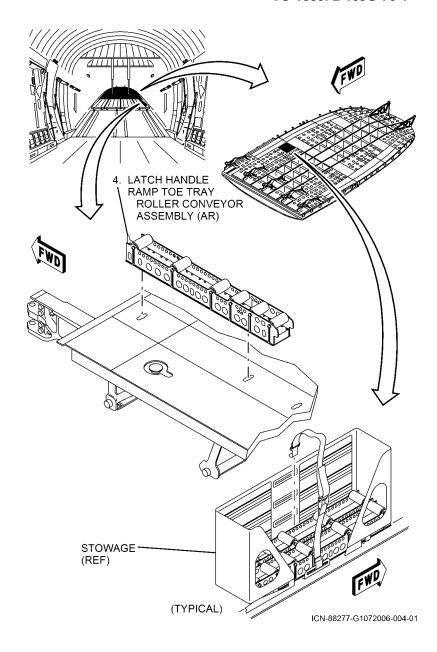
This is a typical task to stow all ramp toe conveyor assemblies.

- 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. Install ramp door step assembly (task 01-3).
- 4. Rotate latch handle and remove and stow ramp toe tray roller conveyor assemblies.

#### **NOTE**

Aft Ramp Toe Tray Roller Conveyor Assembly are stowed in fixture on right side of cargo door. Forward Ramp Toe Tray Conveyor Assembly are stowed in fixture on left side of cargo door.

5. Stow ramp door step assembly (task 01-4).



10-72-01-8 2-59/(2-60 blank)

# TROOP DROP SYSTEM ANCHOR CABLE CONFIGURATION (10-73-01)

#### **GENERAL MAINTENANCE INPUT CONDITIONS:**

Applicability: Task

All

#### Additional information:

This procedure consists of the following tasks:

- 01-1. Preparation for rigging.
- 01-2. Preparation for stowage using cargo winch remote control.
- 01-3. Preparation for stowage using pendant control.
- 01-4. Rig short anchor cable for troop drop.
- 01-5. Stow short anchor cable for troop drop.
- 01-6. Rig long anchor cable for troop drop.
- 01-7. Stow long anchor cable for troop drop.
- 01-8. Rig long aft anchor cable for container delivery system drop.
- 01-9. Rig short aft anchor cable for dual row airdrop.
- 01-10. Stow long aft anchor cable for container delivery system drop.
- 01-11. Stow short aft anchor cable for dual row airdrop.
- 01-12. Rig aerial delivery system cable extension yoke assembly.
- 01-13. Stow aerial delivery system cable extension yoke assembly.
- 01-14. Adjust outboard anchor cable.
- 01-15. Adjust inboard anchor cable.
- 01-16. Follow-on maintenance for rigging using cargo winch remote control.
- 01-17. Follow-on maintenance for rigging using pendant control.
- 01-18. Follow-on maintenance for stowage.

Additional	data:
Additional	uata.

TO 1300i-2-23JG-40-1 01-2, 01-13
TO 1300i-2-10JG-60-1 01-3, 01-17

Task

Task

**Task** 

## Personnel recommended:

One All

### Safety conditions:

NA --

## **Support equipment:**

<u>Nomenclature</u>	<u>PN</u>	<u>Specification</u>	<u>Qty</u>	<u>Task</u>
NA				

## Supplies:

<u>Nomenclature</u>	<u>PN</u>	<b>Specification</b>	<u>Qty</u>	<u>Task</u>
NA				

#### 01-1. PREPARATION FOR RIGGING.

#### NOTE

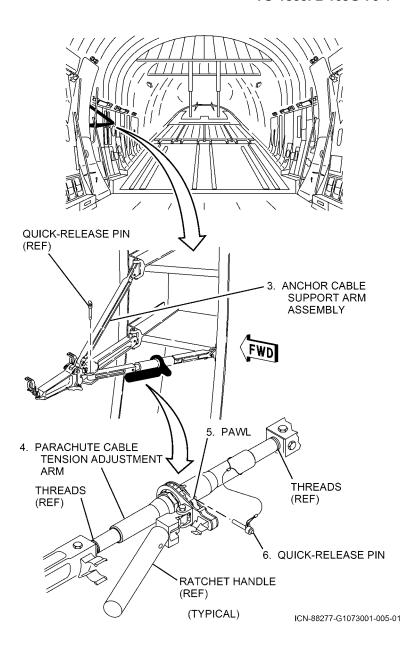
This is a typical preparation task for all riggings.

- 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. Release and position anchor cable support arm assembly.

#### NOTE

Ensure parachute cable tension adjustment arm shows equal threads at both ends of arm. This will ensure correct cable height when the tension arm is adjusted.

- 4. Release and secure parachute cable tension adjustment arm with quick-release pin.
- 5. Set pawl to loosen.
- 6. Remove quick-release pin from adjustment arm; rotate ratchet handle to position adjustment arm to fully extended position.

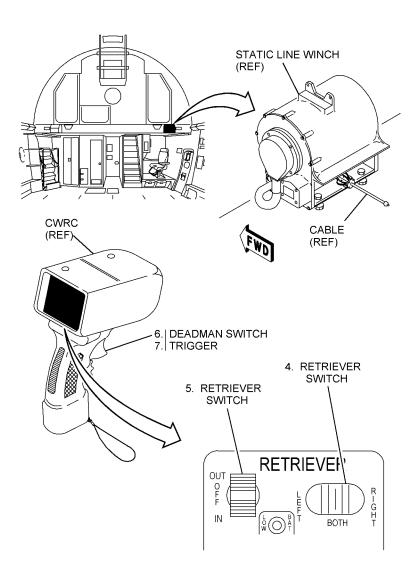


# 01-2. PREPARATION FOR STOWAGE USING CARGO WINCH REMOTE CONTROL.

#### NOTE

This is a typical preparation task for all stowages.

- 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 remote cargo winch control operational checkout (23-44-15, task 1-1).
- 4. Set **RETRIEVER** switch on Cargo Winch Remote Control (CWRC) to desired position.
- 5. Set **RETRIEVER** switch to **OUT**.
- 6. Press deadman switch and trigger.
  - Cable reels out.
- 7. Release trigger and deadman switch.



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- 8. Disconnect aerial delivery cable extension yoke assembly from static line winch cable.
- 9. Stow aerial delivery system cable extension yoke assembly (task 01-13).
- 10. Set **RETRIEVER** switch to **IN**.

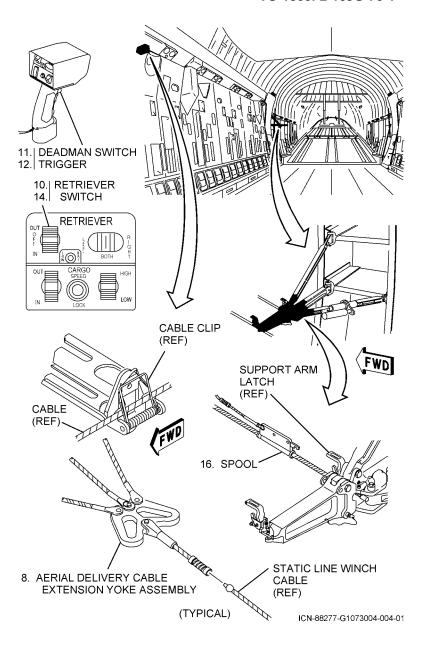


Continuous tension shall be maintained on static line retriever winch cable while operating winch. Failure to comply may cause damage to aircraft.

#### **NOTE**

Static line winch shuts off automatically when cable is fully extended.

- 11. Press deadman switch and trigger.
  - Cable reels in.
- 12. Release trigger and deadman switch.
- 12. Cable disconnects from cable clips.
- 14. Set **RETRIEVER** switch to **OFF**.
- 15. Perform remote cargo winch control (23-44-15, task 3-2).
- 16. Release spool from support arm latch.



# 01-3. PREPARATION FOR STOWAGE USING PENDANT CONTROL.

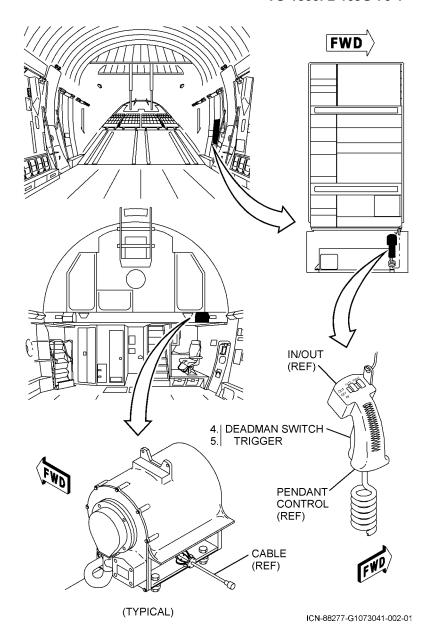
#### NOTE

This is a typical preparation task for all stowages using pendant control.

- 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 Connect External Electrical power (10-61-01, task 01-1).
- 4. Press deadman switch and trigger; set and hold switch on pendant control to **OUT** as follows:

WINCH REF DES	IN/OUT SWITCH
4142BB001	LEFT
4142BB002	RIGHT

- Cable reels out.
- 5. Release trigger and deadman switch.



- Disconnect aerial delivery cable extension yoke assembly from static line winch cable.
- 7. Stow aerial delivery system cable extension yoke assembly (task 01-13).



Continuous tension must be maintained on static line retriever winch cable while operating winch. Failure to comply may cause damage to aircraft.

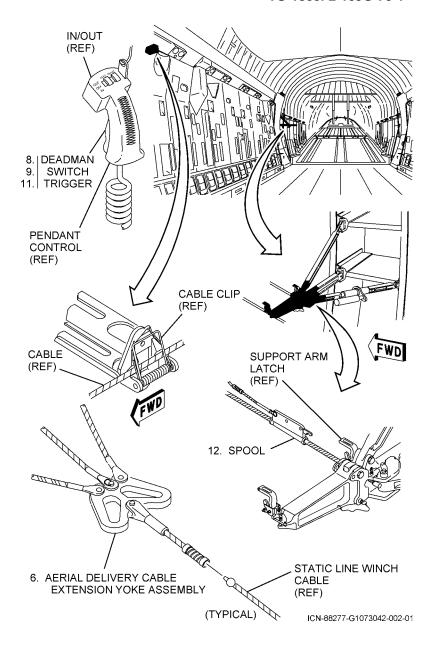
#### NOTE

Static line winch shuts off automatically when cable is fully extended.

8. Press deadman switch and trigger; set and hold switch on pendant control to **IN** as follows:

WINCH REF DES	IN/OUT SWITCH
4142BB001	LEFT
4142BB002	RIGHT

- · Cable reels in.
- 9. Release trigger and deadman switch.
- 10. Cable disconnects from cable clips.
- 11. Set pendant control to **OFF**.
- 12. Release spool from support arm latch.
- 13. Perform Disconnect External Electrical Power (10-61-01, task 01-2).



# 01-4. RIG SHORT ANCHOR CABLE FOR TROOP DROP.

#### NOTE

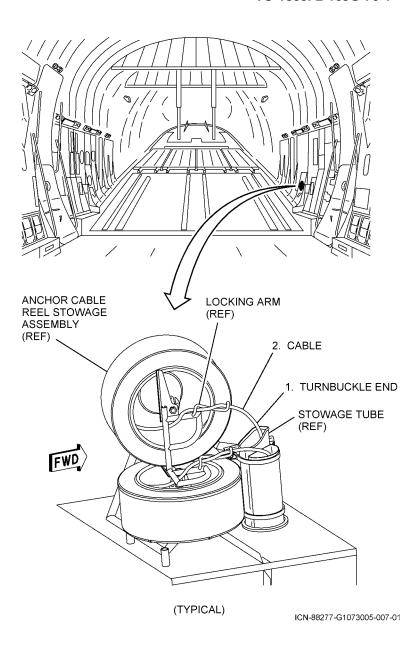
This is a typical task to rig all short anchor cables for troop drop.

1. Remove turnbuckle end from stowage tube.

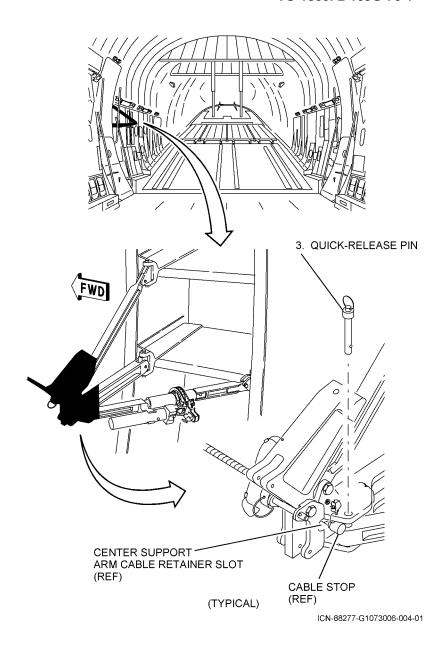


When pulling cable from anchor cable reel stowage assembly avoid contact with insulation forward of cable reel stowage assembly. Failure to comply may cause damage to aircraft.

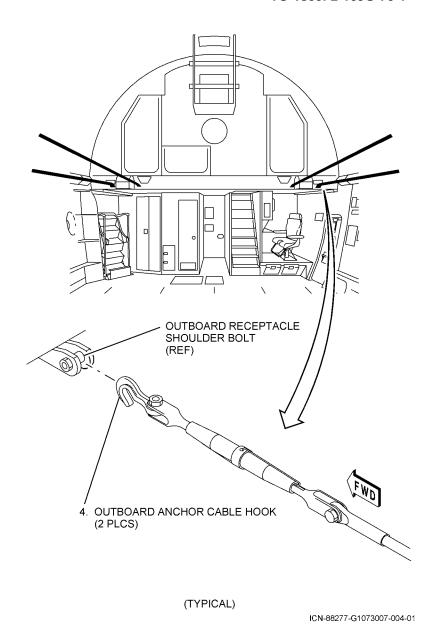
2. Unwrap cable from locking arm, and pull cable out of anchor cable reel stowage assembly.



3. Remove quick-release pin; insert cable stop into center support arm cable retainer slot and install pin.



- 4. Attach outboard anchor cable hooks to outboard receptacle shoulder bolts.
- 5. Perform follow-on maintenance for rigging using cargo winch remote control (task 01-16).



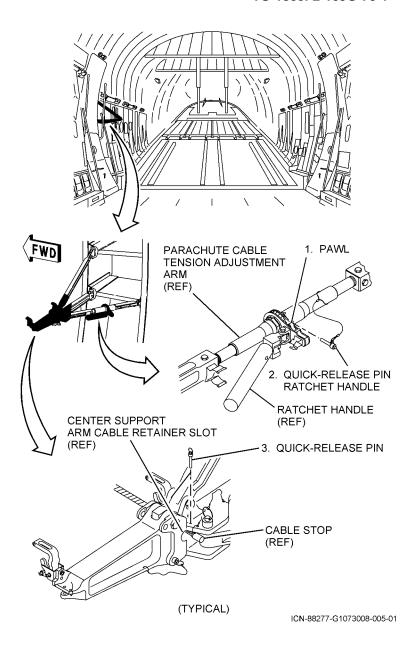
**10-73-01-4** 2-79

# 01-5. STOW SHORT ANCHOR CABLE FOR TROOP DROP.

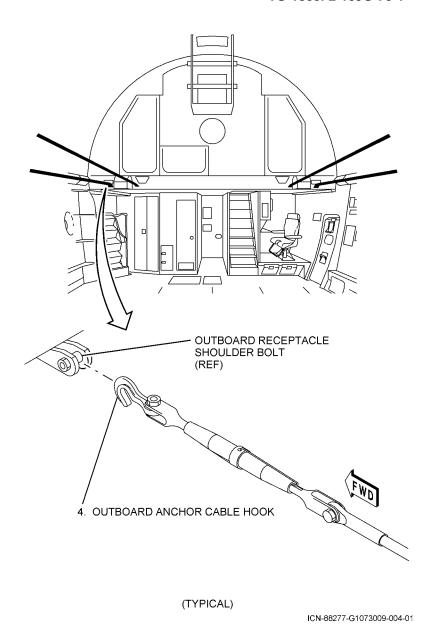
#### **NOTE**

This is a typical task to stow all outboard anchor cables for troop drop.

- 1. Set pawl on parachute cable tension adjusting arm to loosen.
- 2. Remove quick-release pin and rotate ratchet handle to position adjusting arm fully forward and stow handle.
- 3. Remove quick-release pin and cable stop from center support arm cable retainer slot and install pin.



- 4. Remove outboard anchor cable hook from outboard receptacle shoulder bolt.
- 5. Perform follow-on maintenance for stowage (task 01-18).



**10-73-01-5**<sub>2-83</sub>

## 01-6. RIG LONG ANCHOR CABLE FOR TROOP DROP.

#### NOTE

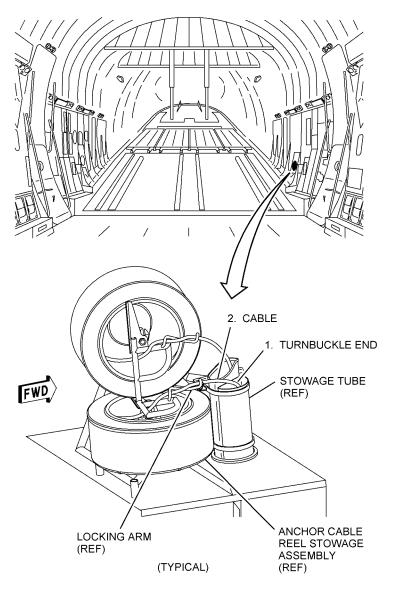
This is a typical task to rig all inboard anchor cables for troop drop.

1. Remove turnbuckle end from stowage tube.



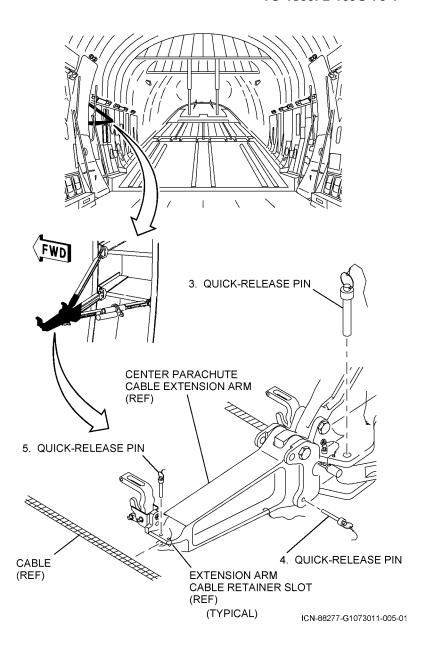
When pulling cable from anchor cable reel stowage assembly avoid contact with insulation forward of cable reel stowage assembly. Failure to comply may cause damage to aircraft.

2. Unwrap cable from locking arm, and pull cable out of anchor cable reel stowage assembly.



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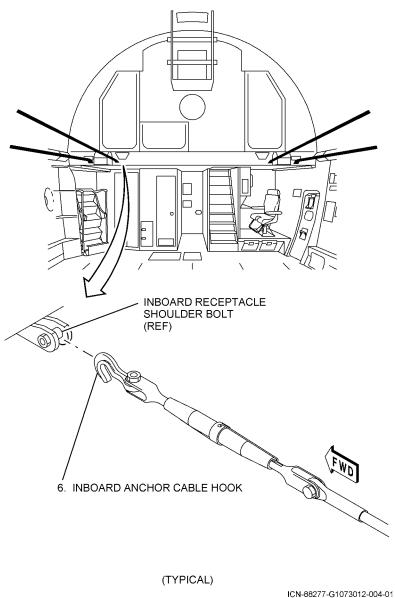
- 3. Remove quick-release pin; position center parachute cable extension arm and install pin.
- 4. Remove quick-release pin; position center parachute cable extension arm and install pin.
- 5. Remove quick-release pin; insert cable into extension arm cable retainer slot and install pin.



#### **NOTE**

Attach long cable hook to most outboard receptacle shoulder bolt for Airdrop Configuration ADC-3.

- Attach inboard anchor cable hook to inboard receptacle shoulder bolt.
- 7. Perform follow-on maintenance for rigging using cargo winch remote control (task 01-16).

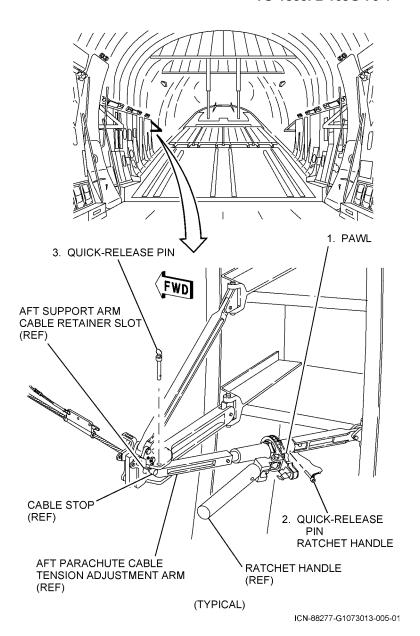


# 01-7. STOW LONG ANCHOR CABLE FOR TROOP DROP.

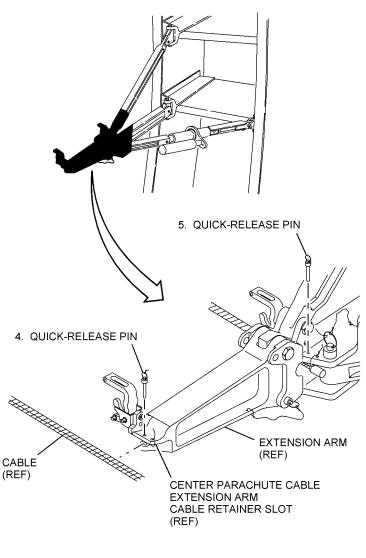
#### **NOTE**

This is a typical task to stow all inboard anchor cables for troop drop.

- 1. Set pawl on aft parachute cable tension adjusting arm to loosen.
- 2. Remove quick-release pin and rotate ratchet handle to position adjusting arm fully forward and stow handle.
- 3. Remove quick-release pin and cable stop from aft support arm cable retainer slot and install pin.



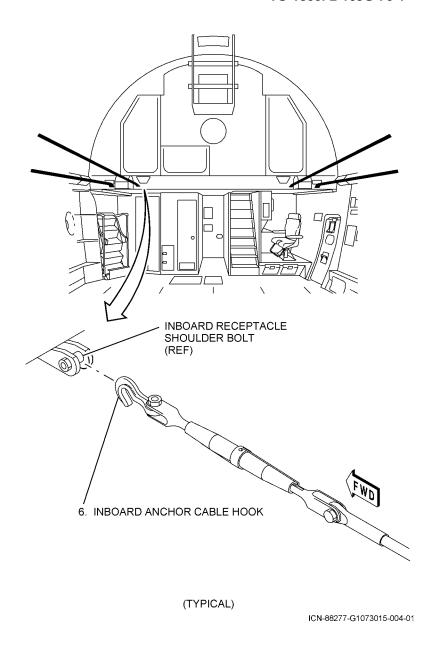
- 4. Remove quick-release pin and cable from center parachute cable extension arm cable retainer slot and install pin.
- 5. Remove quick-release pin; stow extension arm and install pin.



(TYPICAL)

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- 6. Remove inboard anchor cable hook from inboard receptacle shoulder bolt.
- 7. Perform follow-on maintenance for stowage (task 01-18).



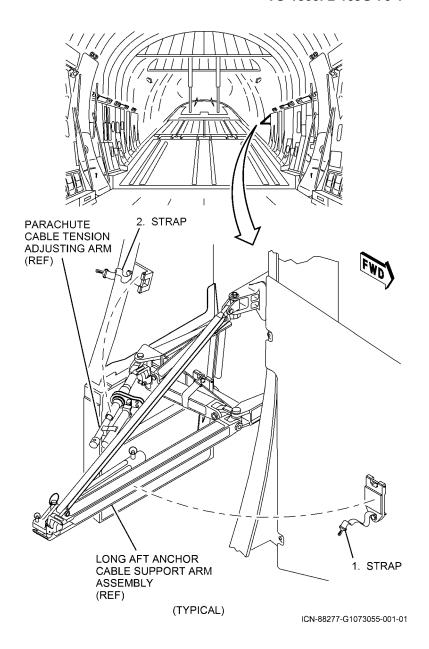
**10-73-01-7**<sub>2-95</sub>

# 01-8. RIG LONG AFT ANCHOR CABLE FOR CONTAINER DELIVERY SYSTEM DROP.

#### NOTE

This is a typical task to rig all long aft anchor cables for container delivery system drop.

- 1. Disconnect strap and release long aft anchor cable support arm assembly.
- 2. Disconnect strap and release parachute cable tension adjusting arm.

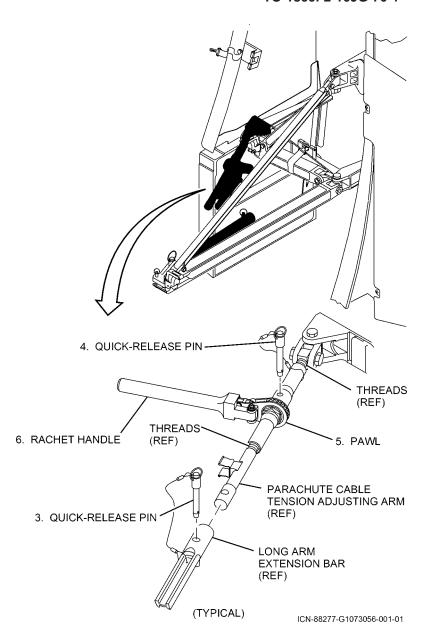


- 3. Remove quick-release pin from long arm extension bar and position parachute cable tension adjusting arm; install quick-release pin.
- 4. Remove quick-release pin from parachute cable tension adjusting arm; extend and lock ratchet handle.
- 5. Set pawl to loosen.

#### **NOTE**

Ensure both arms show equal threads when arms are fully extended.

6. Rotate ratchet handle, position adjusting arm to full extended position.

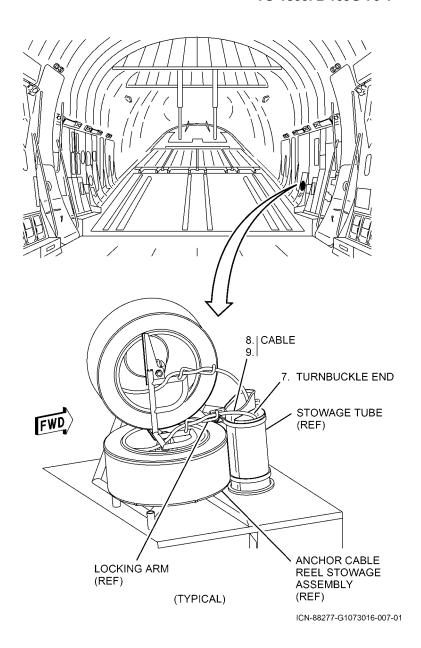


- 7. Remove turnbuckle end from stowage tube.
- 8. Unwrap cable from locking arm.

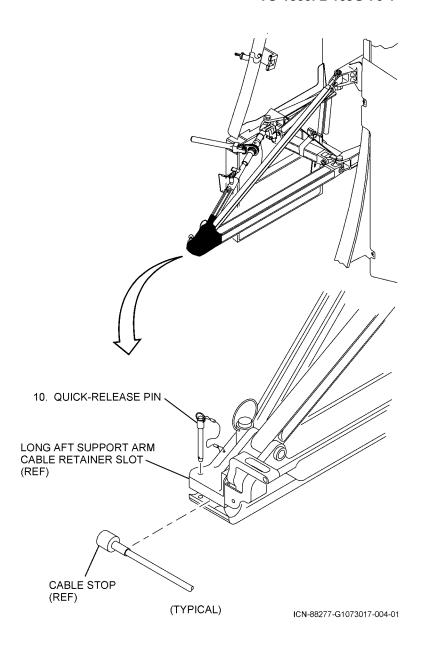


When pulling cable from anchor cable reel stowage assembly avoid contact with insulation forward of cable reel stowage assembly. Failure to comply may cause damage to aircraft.

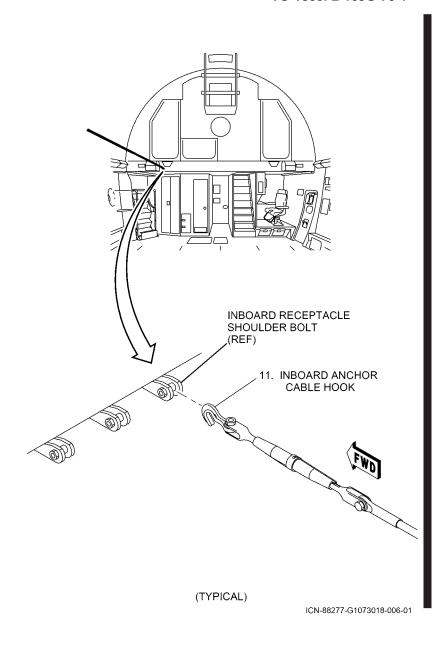
9. Pull cable out of anchor cable reel stowage assembly.



10. Remove quick-release pin; insert cable stop into long aft support arm cable retainer slot and install pin.



- 11. Attach inboard anchor cable hook to inboard receptacle shoulder bolt.
- 12. Perform follow-on maintenance for rigging using cargo winch remote control (task 01-16).

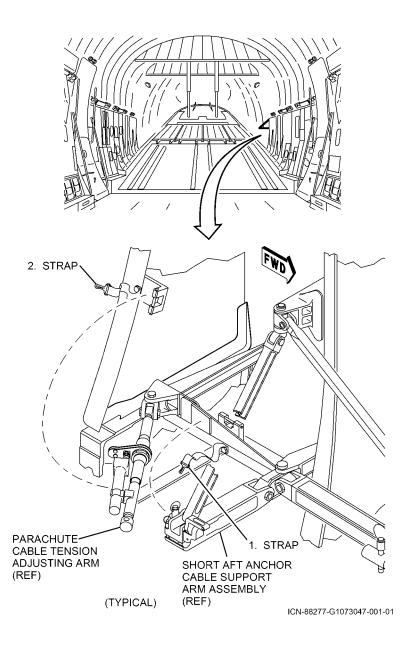


# 01-9. RIG SHORT AFT ANCHOR CABLE FOR DUAL ROW AIRDROP.

#### **NOTE**

This is a typical task to rig all short aft anchor cables for dual row air drop.

- 1. Disconnect strap and release short aft anchor cable support arm assembly.
- 2. Disconnect strap and release parachute cable tension adjusting arm.

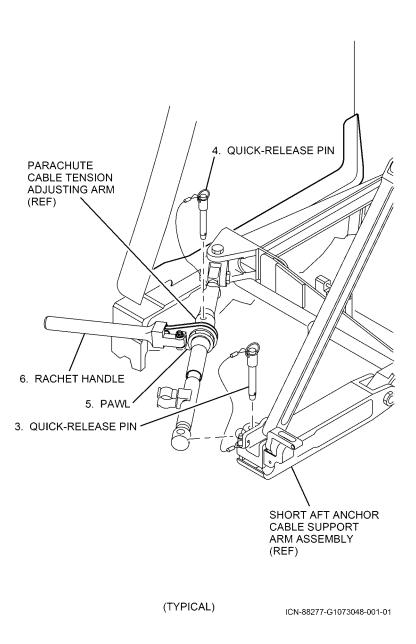


- 3. Remove quick-release pin from short aft anchor cable support arm assembly and position parachute cable tension adjusting arm; install quick-release pin.
- 4. Remove quick-release pin from parachute tension cable adjusting arm; extend and lock ratchet handle.
- 5. Set pawl to loosen.

## **NOTE**

Ensure both arms show equal threads when arms are fully extended.

6. Rotate ratchet handle, position adjusting arm to full forward position.

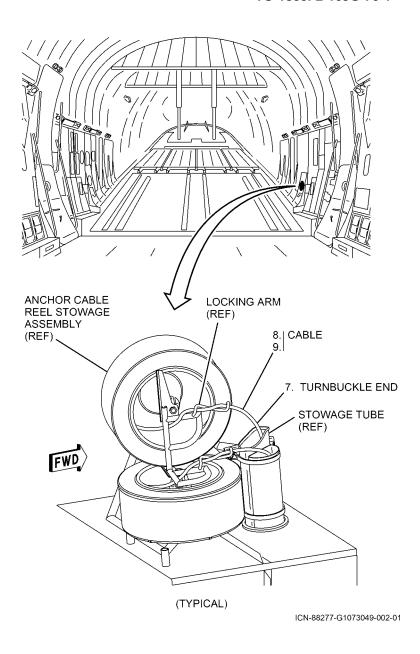


- 7. Remove turnbuckle end from stowage tube.
- 8. Unwrap cable from locking arm.

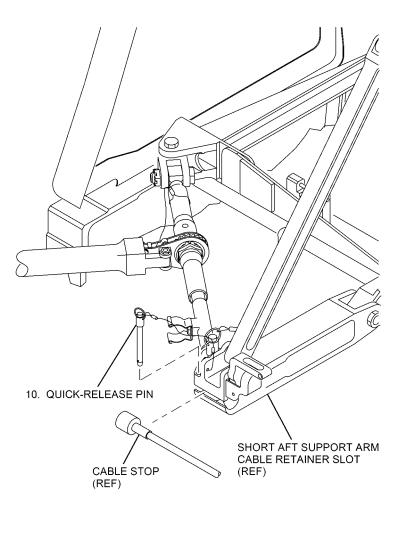


When pulling cable from anchor cable reel stowage assembly avoid contact with insulation forward of cable reel stowage assembly. Failure to comply may cause damage to aircraft.

9. Pull cable out of anchor cable reel stowage assembly.

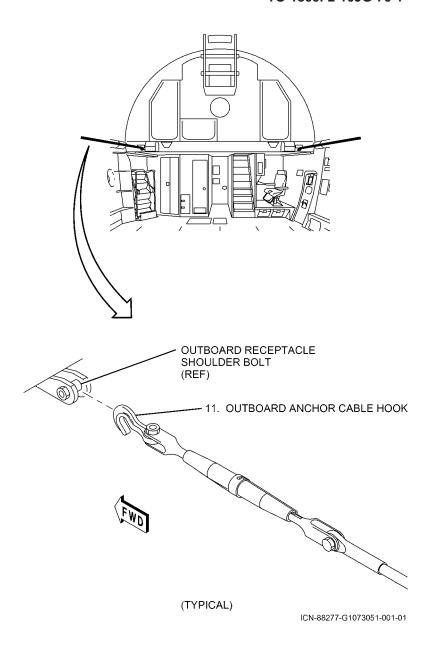


10. Remove quick-release pin; insert cable stop into short aft support arm cable retainer slot and install quick-release pin.



(TYPICAL) ICN-88277-G1073050-001-01

- 11. Attach outboard anchor cable hook to outboard receptacle shoulder bolt.
- 12. Perform follow-on maintenance for rigging using cargo winch remote control (task 01-16).

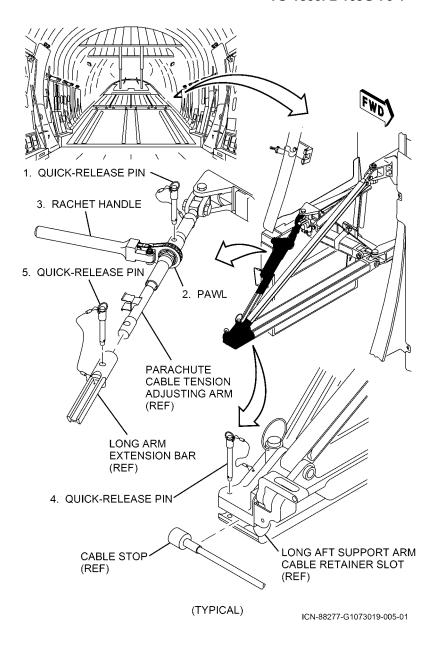


# 01-10. STOW LONG AFT ANCHOR CABLE FOR CONTAINER DELIVERY SYSTEM DROP.

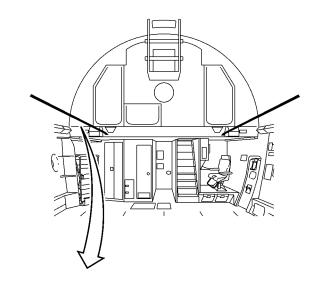
#### NOTE

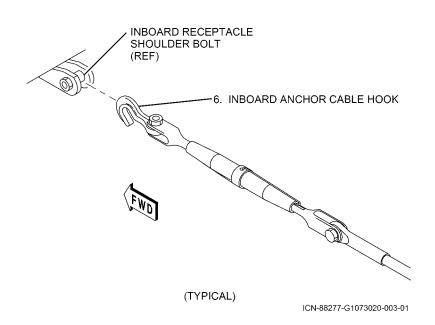
This is a typical task to stow all inboard anchor cables for container delivery system drop.

- 1. Remove quick-release pin from parachute cable tension adjusting arm; extend and lock ratchet handle.
- 2. Set pawl to loosen.
- 3. Rotate ratchet handle, position adjusting arm to full forward position; install quick-release pin.
- 4. Remove quick-release pin and cable stop from long aft support arm cable retainer slot and install pin.
- Remove quick-release pin from long arm extension bar and disconnect parachute cable tension adjusting arm; install quick-release pin.



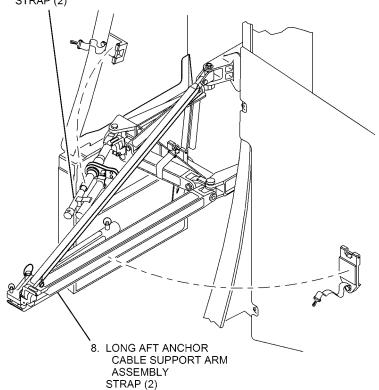
6. Remove inboard anchor cable hook from inboard receptacle shoulder bolt.





- 7. Stow parachute cable tension adjusting arm and connect straps.
- 8. Stow long aft anchor cable support arm assembly and connect straps.
- 9. Perform follow-on maintenance for stowage (task 01-18).

7. PARACHUTE CABLE TENSION ADJUSTING ARM STRAP (2)



(TYPICAL)

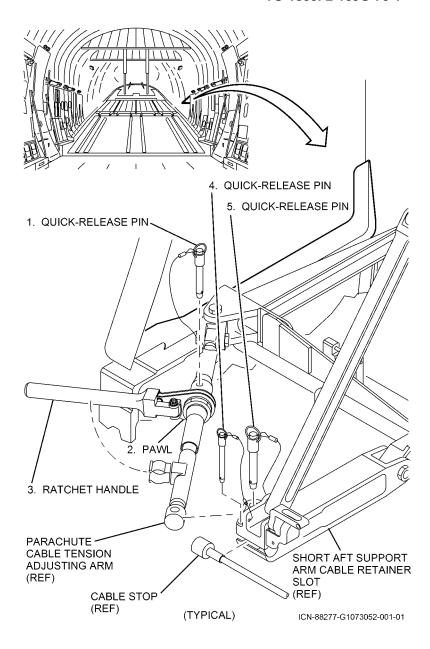
ICN-88277-G1073057-001-01

# 01-11. STOW SHORT AFT ANCHOR CABLE FOR DUAL ROW AIRDROP.

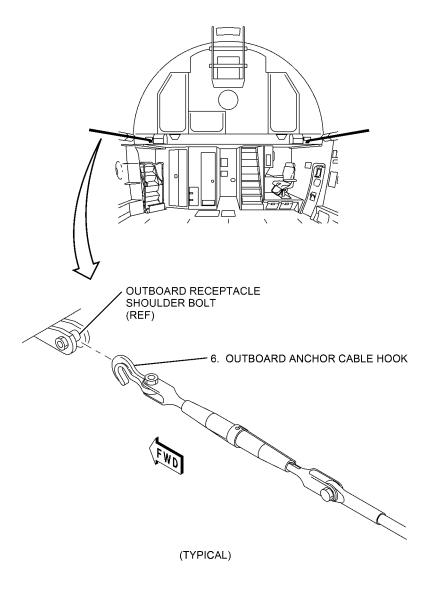
#### NOTE

This is a typical task to stow all outboard anchor cables for dual row airdrop.

- 1. Remove quick-release pin from parachute tension cable adjusting arm; extend and lock ratchet handle.
- 2. Set pawl to loosen.
- 3. Rotate ratchet handle, position adjusting arm to full forward position.
- 4. Remove quick-release pin and cable stop from short aft support arm cable retainer slot and install pin.
- 5. Remove quick-release pin from parachute cable tension adjusting arm; install pin.

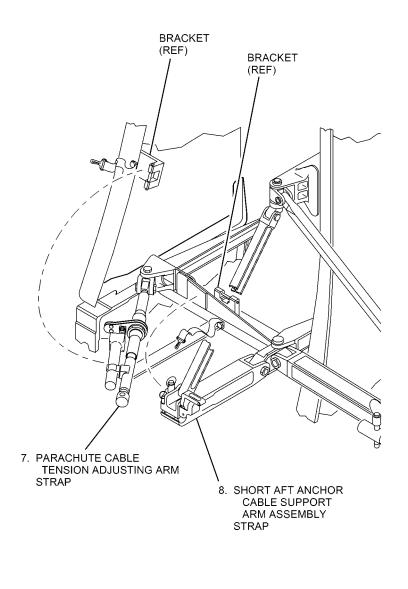


6. Remove outboard anchor cable hook from outboard receptacle shoulder bolt.



ICN-88277-G1073053-001-01

- 7. Stow parachute cable tension adjusting arm and connect strap.
- 8. Stow short aft anchor cable support arm assembly and connect strap.
- 9. Perform follow-on maintenance for stowage (task 01-18).



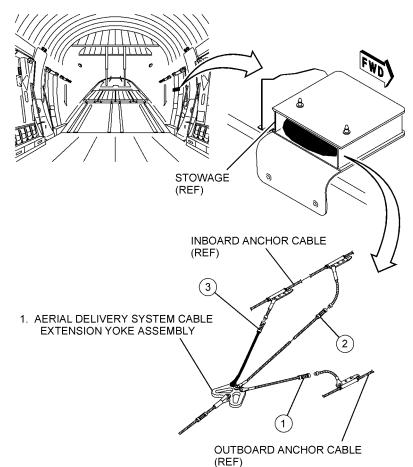
(TYPICAL)

ICN-88277-G1073054-001-01

# 01-12. RIG AERIAL DELIVERY SYSTEM CABLE EXTENSION YOKE ASSEMBLY.

#### NOTE

- This is a typical task to rig all aerial delivery system cable extension yoke assemblies.
- Eleven inch cable attaches to outboard anchor cable, 13 inch cable attaches to inboard anchor cable.
- 1. Remove aerial delivery system cable extension yoke assembly from stowage.
- 2. Rig yoke.



	` '					
2.—	INDEX NO.	TROOP DROP SINGLE CABLE	TROOP DROP DOUBLE CABLE	TROOP AND CONTAINER DELIVERY SYSTEM DROP DOUBLE CABLE	CONTAINER DELIVERY SYSTEM DROP SINGLE CABLE	
	1	RIG	RIG	RIG	TAPED	
	2	STOWED	STOWED	RIG	RIG	
	3	TAPED	RIG	RIG	TAPED	

(TYPICAL)

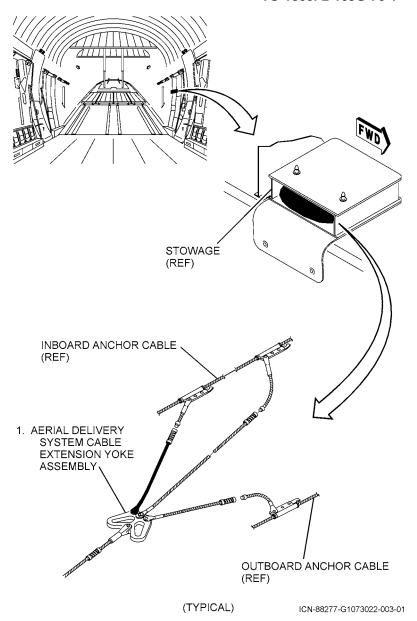
ICN-88277-G1073021-006-01

# 01-13. STOW AERIAL DELIVERY SYSTEM CABLE EXTENSION YOKE ASSEMBLY.

#### NOTE

This is a typical task to stow all aerial delivery system cable extension yoke assemblies.

1. Disconnect aerial delivery system cable extension yoke assembly and stow.



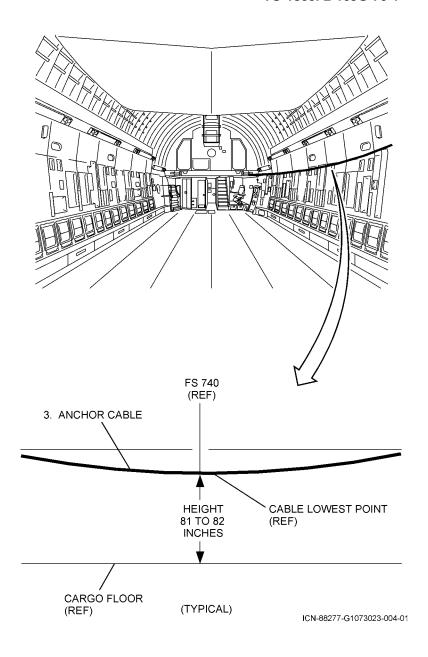
10-73-01-13 2-131

# 01-14. ADJUST OUTBOARD ANCHOR CABLE.

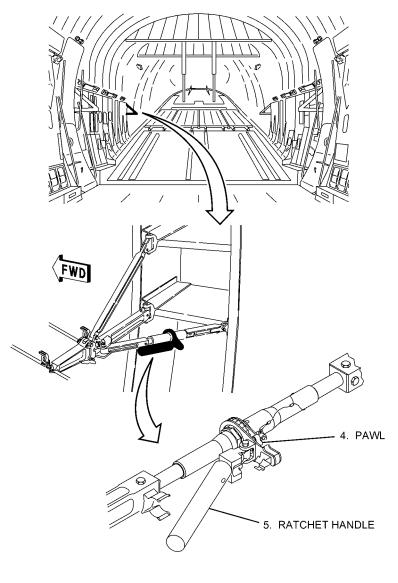
#### NOTE

This is a typical task to adjust all anchor cables.

- 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. Measure anchor cable lowest point at Fuselage Station (FS) 740 to cargo floor.
  - Allowable height 81 to 82 inches.



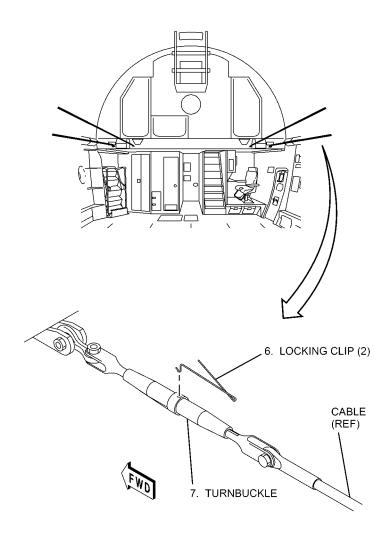
- 4. Set pawl to loosen.
- 5. Rotate ratchet handle to release cable tension.



(TYPICAL)

ICN-88277-G1073024-002-01

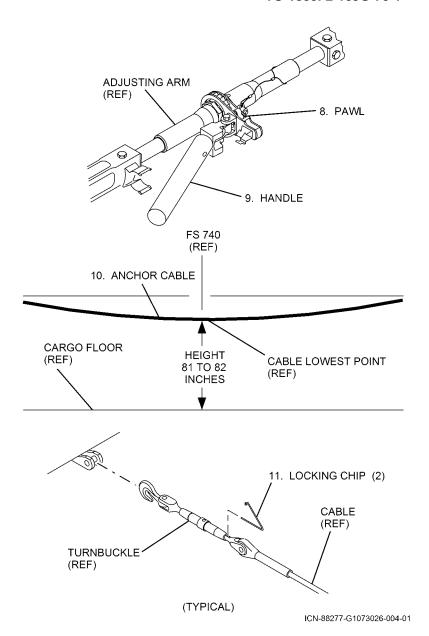
- 6. Remove locking clips from turnbuckle.
- 7. Rotate turnbuckle to adjust cable length.



(TYPICAL)

ICN-88277-G1073025-002-01

- 8. Set pawl to tighten.
- 9. Rotate handle to fully retract adjusting arm.
- 10. Measure anchor cable lowest point at FS 740 to cargo floor.
  - Allowable height 81 to 82 inches.
- 11. Install locking clips.

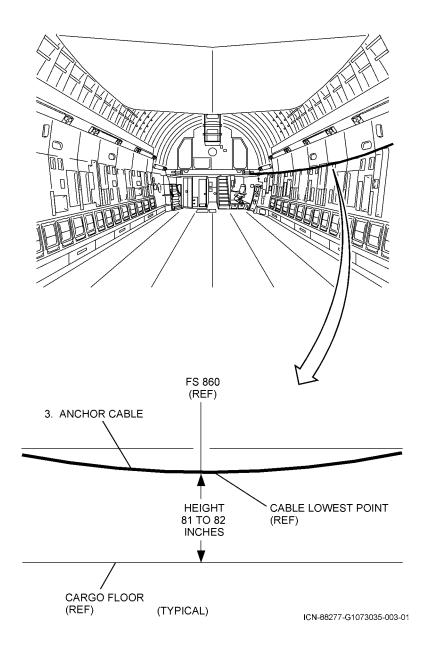


# 01-15. ADJUST INBOARD ANCHOR CABLE.

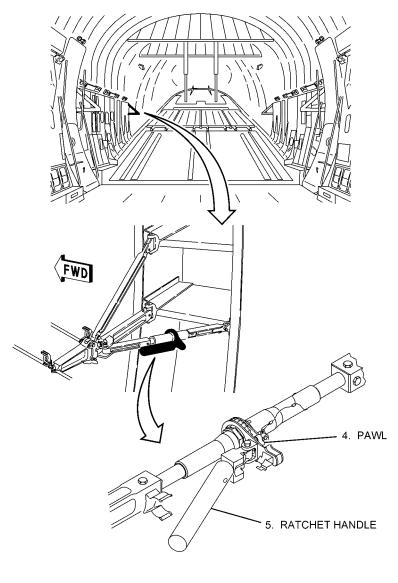
### **NOTE**

This is a typical task to adjust all anchor cables.

- 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. Measure anchor cable lowest point at Fuselage Station (FS) 860 to cargo floor.
  - Allowable height 81 to 82 inches.



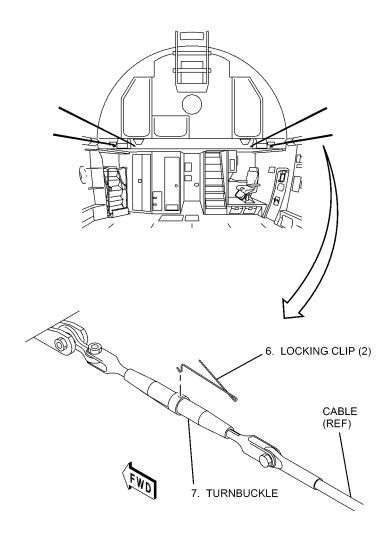
- 4. Set pawl to loosen.
- 5. Rotate ratchet handle to release cable tension.



(TYPICAL)

ICN-88277-G1073036-002-01

- 6. Remove locking clips from turnbuckle.
- 7. Rotate turnbuckle to adjust cable length.



(TYPICAL)

ICN-88277-G1073037-002-01

- 8. Set pawl to tighten.
- 9. Rotate handle to fully retract adjusting arm.
- 10. Measure anchor cable lowest point at FS 860 to cargo floor.
  - Allowable height 81 to 82 inches.
- 11. Install locking clips.