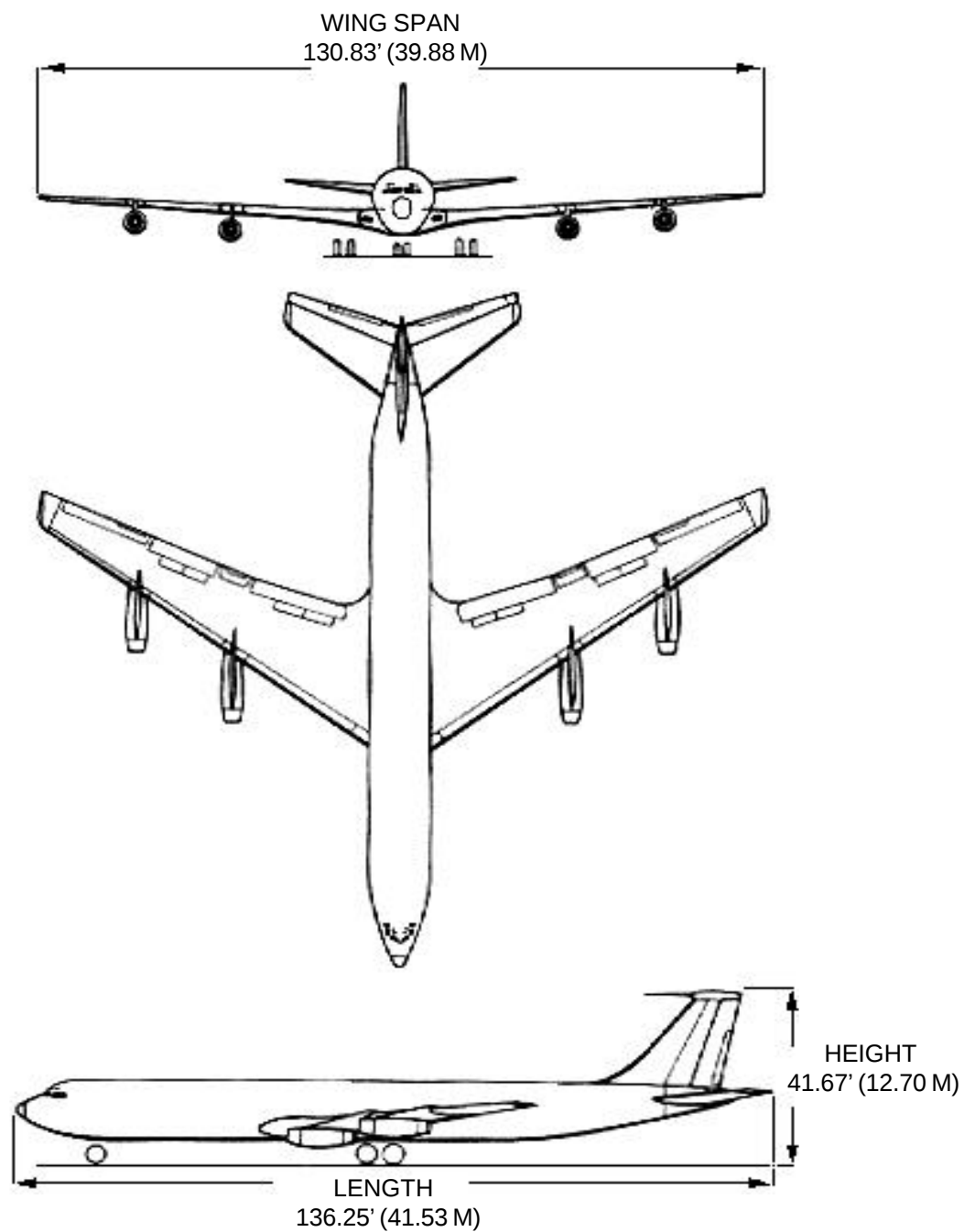


AIRCRAFT PAINT SCHEME

C-135



AIRCRAFT DIMENSIONS

C-135

AIRCRAFT SKIN PENETRATION POINTS

C-135

WARNING

Effectivity: KC-135 only. Forward right side fuselage penetration points do not apply. On KC-135 aeromedical evacuation missions, the right side of the fuselage from body stations 440-840 is occupied by patients, patient litters, medical personnel, and medical equipment to include medical oxygen storage systems. (The painted penetration symbol are being removed.)

CAPACITIES:

C-135 - 26 TROOPS, 44 STRETCHERS

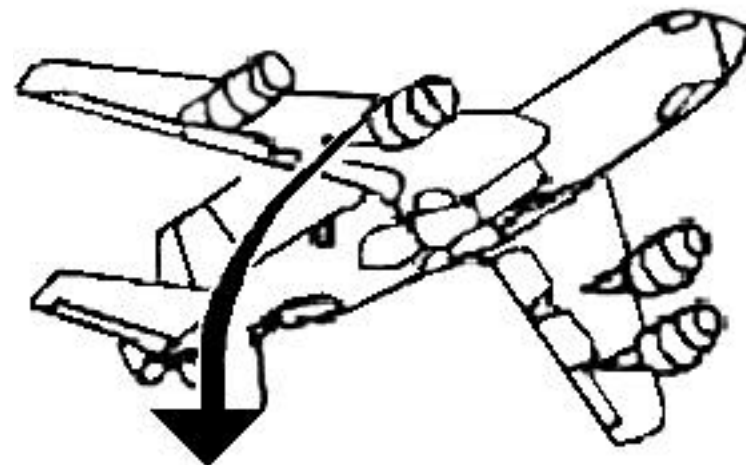
KC-135 - 2 PILOTS, 2 CREW, 80 PASSENGERS

OC-135 - 3 PILOTS, 2 NAVIGATORS, 1 MISSION CMDR,
1 DEPUTY MISSION CMDR, 2 SENSOR OPERATORS,
2 SENSOR MAINTENANCE TECHNICIANS, 1 FLIGHT FOLLOWER

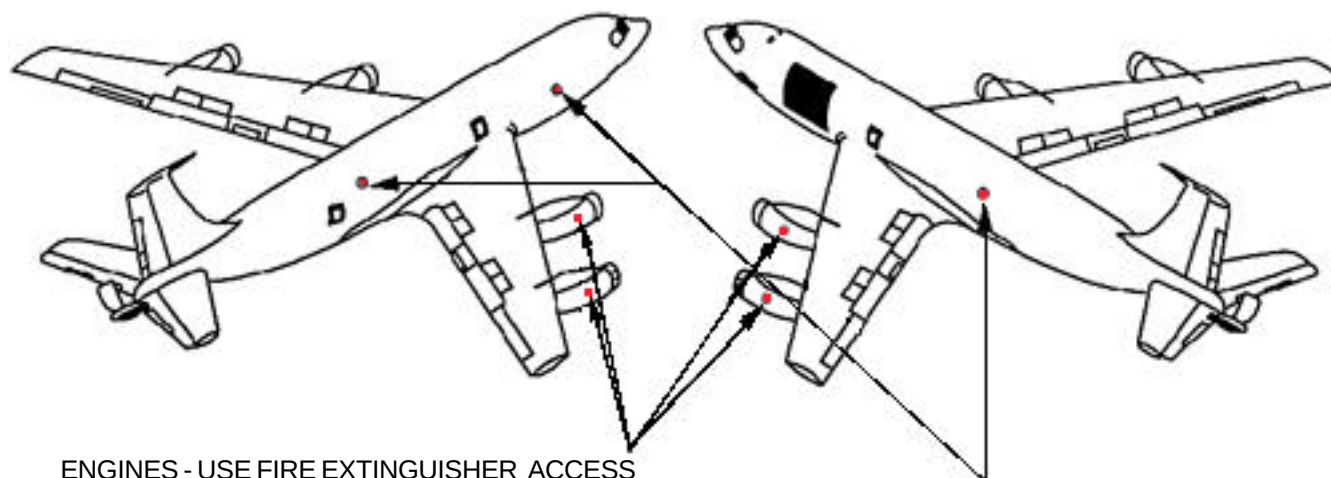
RC-135 - 3 PILOTS, 2 NAVIGATORS, 3 ELECTRONIC WAREFARE OFFICERS,
14 INTELLIGENCE OPERATORS, 4 MAINTENANCE TECHNICIANS

RC-135 - 31 PEOPLE; 10 FWD, 21 AFT

EC-135 - 26 PEOPLE; 4 FWD, 22 AFT



FOR THE KC-135: PENETRATE THROUGH
THE FIRE EXTINGUISHER ACCESS PANEL



ENGINES - USE FIRE EXTINGUISHER ACCESS
PANELS FOR GROUND FIRE ACCESS

FUSELAGE - PENETRATE AT THE POINTS
IDENTIFIED FOR EMERGENCY CUT-IN

SPECIAL TOOLS/EQUIPMENT

Power Rescue Saw
24 Ft. Ladder
Fire Drill II

AIRCRAFT ENTRY

1. NORMAL ENTRY

- a. Press latch, located aft of crew entry door. To open access door, rotate handle down to release door.

CAUTION

Door opens down and forward.

2. EMERGENCY ENTRY

- a. Depress button(s), located on emergency escape hatch(es), over wing both sides of aircraft, to release handle(s). Pull handle(s) out and rotate clockwise to release hatch(es).
- b. Push emergency escape hatch(es) in.
- c. Depress button, located on aft emergency escape hatch, right side of aircraft, to release handle. Pull handle out and rotate clockwise to release hatch. Push hatch in and aft.

3. CUT-IN

- a. Cut-in areas as marked on fuselage.

CAUTION

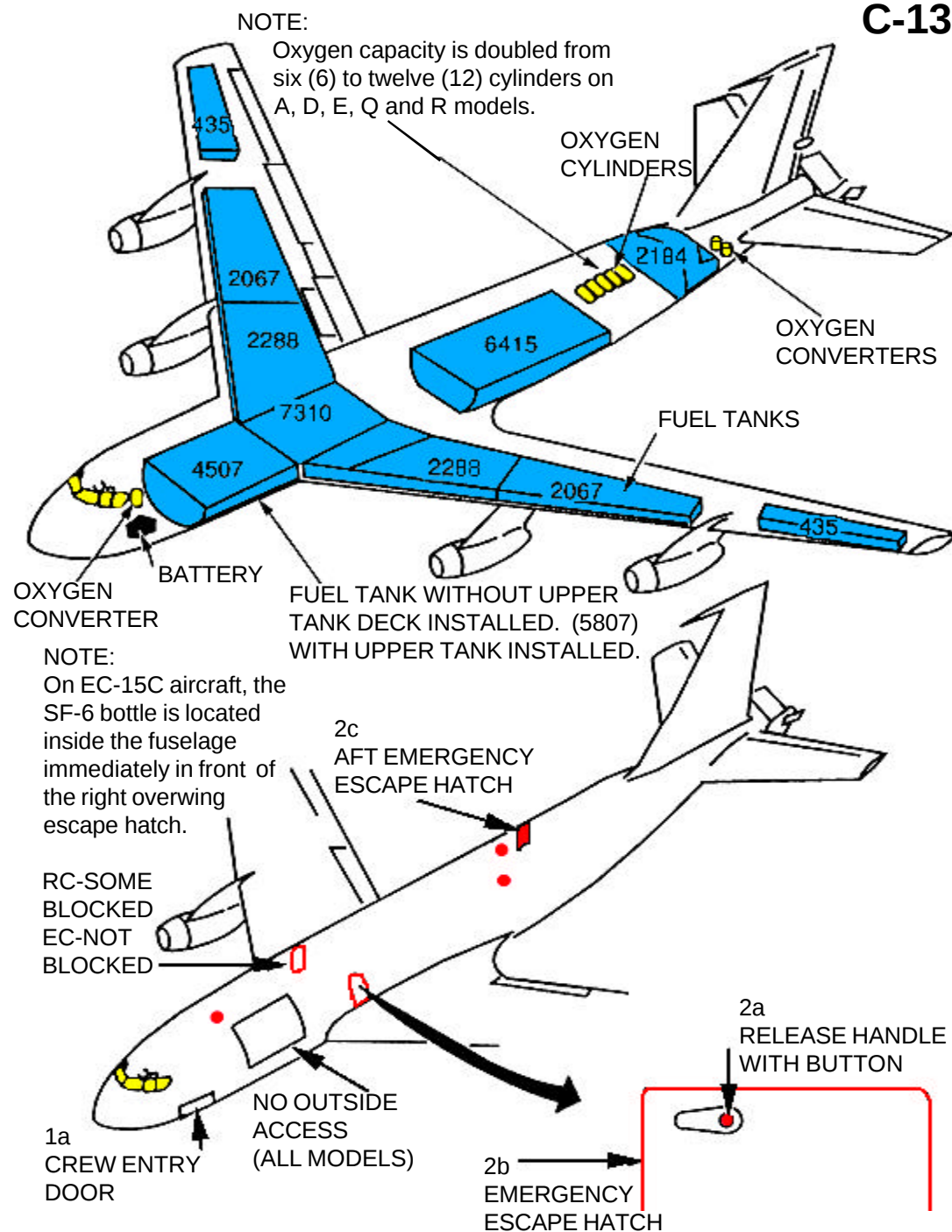
For special purpose C-135 aircraft, the lack of indicated skin penetration points in these areas may indicate the presence of interior equipment preventing emergency access.

NOTE:

Aircraft Gear Up - 13 ft 10 in. Gear Down - 17 ft 10 in.

NOTE:

The battery is located in the forward latrine, in front of the cargo door. Some aircraft have outward opening latrine doors.

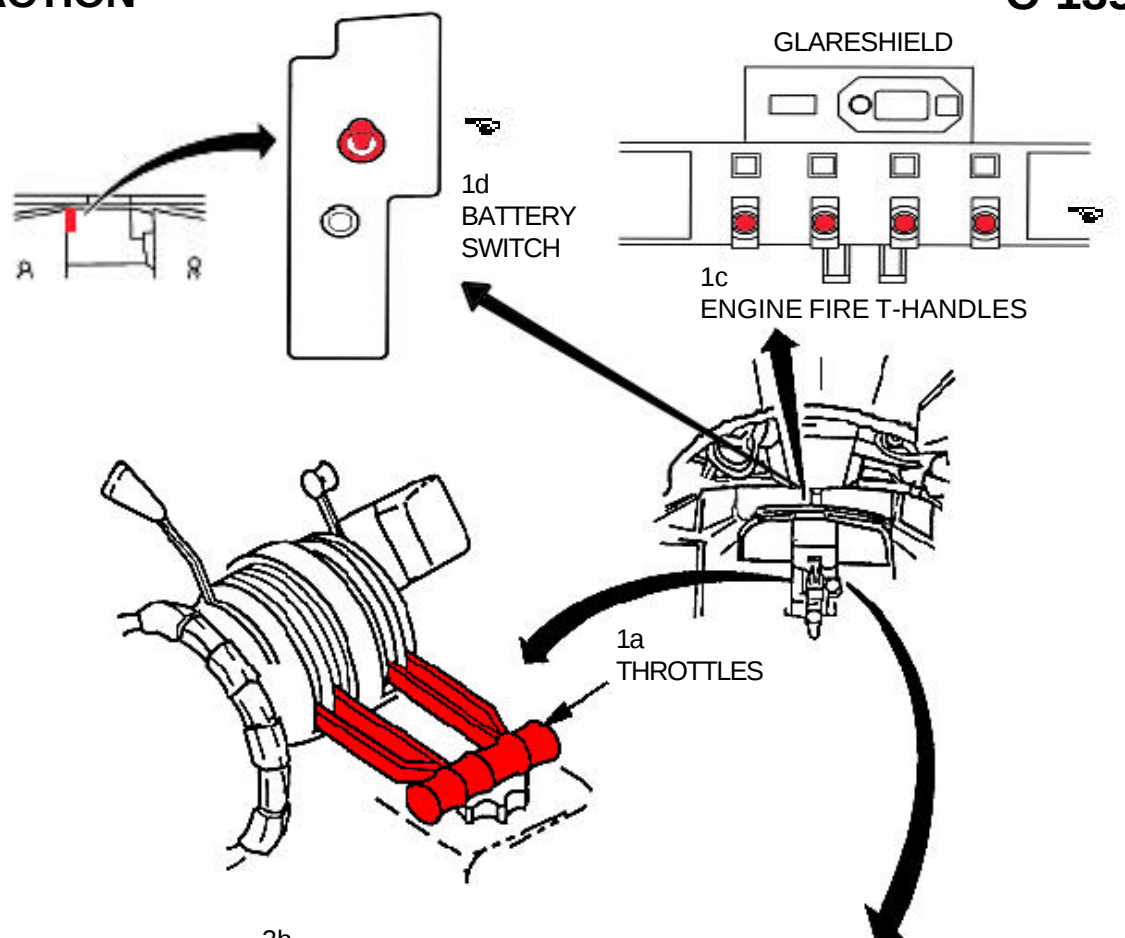


ENGINE SHUTDOWN, AIRCREW EXTRACTION AND CARGO DOOR OPERATION

C-135

1. ENGINE SHUTDOWN [KD] [KE]

- Aircraft without thrust reversers, retard throttles, located on control stand, to IDLE position then raise throttles and bring back to CUT-OFF position.
- KC-135D/E with thrust reversers, place throttles to IDLE position, place engine start levers, located on lower portion of control stand, to CUTOFF position.
- To extinguish an engine fire: pull the applicable engine fire switch, located above pilots center instrument panel, to the affected engine.
- Place battery switch, located on pilot's center instrument panel, to OFF position.

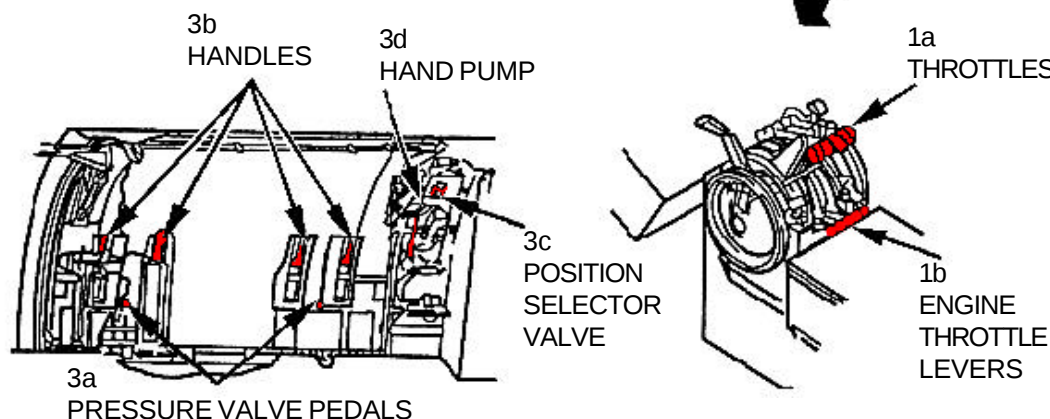


2. AIRCREW EXTRACTION (ALL MODELS)

- Unlatch lap belt and remove shoulder harness from crewmember(s).
- If seat tracks are not damaged, use adjustable seat control to retract seat in aft position to aid in removing crewmember(s).
- Unlatch lap belts for passengers.

3. OPERATION OF CARGO DOOR IS NEEDED DURING RESCUE (ALL MODELS)

- Press pressure valve pedals outward.
- Rotate handles inboard and downward.
- Rotate position selector valve to OPEN position.
- Use hand pump to pump door open.



ENGINE AND APU SHUTDOWN FOR THE KC-135R

C-135

1. ENGINE SHUTDOWN [KR] [KT]

- a. Retard throttles, located on center control stand, to IDLE position, then raise throttles and move aft to CUTOFF position.
- b. Place the battery switch, located on the pilot's console, in the EMERGENCY position.

NOTE:

Use ENGINE FIRE/OVERHEAT DETECTION AND EXTINGUISHING SYSTEM only if an engine fire is indicated.

- c. To extinguish an engine fire:

- (1) Pull the applicable engine fire switch, located above pilot's center instrument panel, to the affected engine.

NOTE:

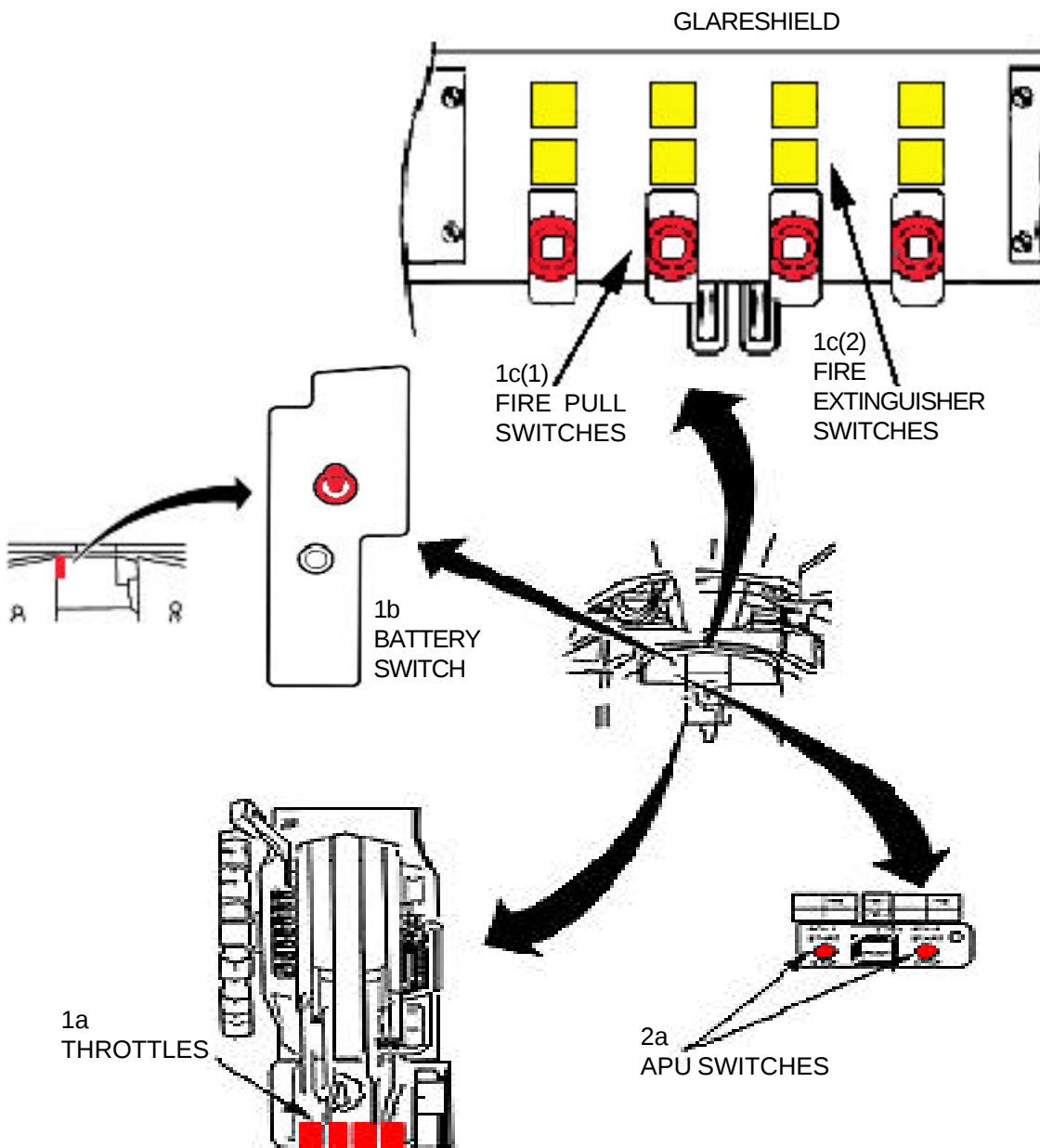
On some models, the engine fire switches may be rotated vertically.

- (2) Press the applicable engine EXT switch, located directly above the engine fire switches, to the affected engine.

2. APU SHUTDOWN (KC-135R)

- a. Place APU 1 and APU 2 switches, located on the instrument panel, to STOP position.

(Procedures continue on next page.)



ENGINE AND APU SHUTDOWN FOR THE KC-135R-Continued

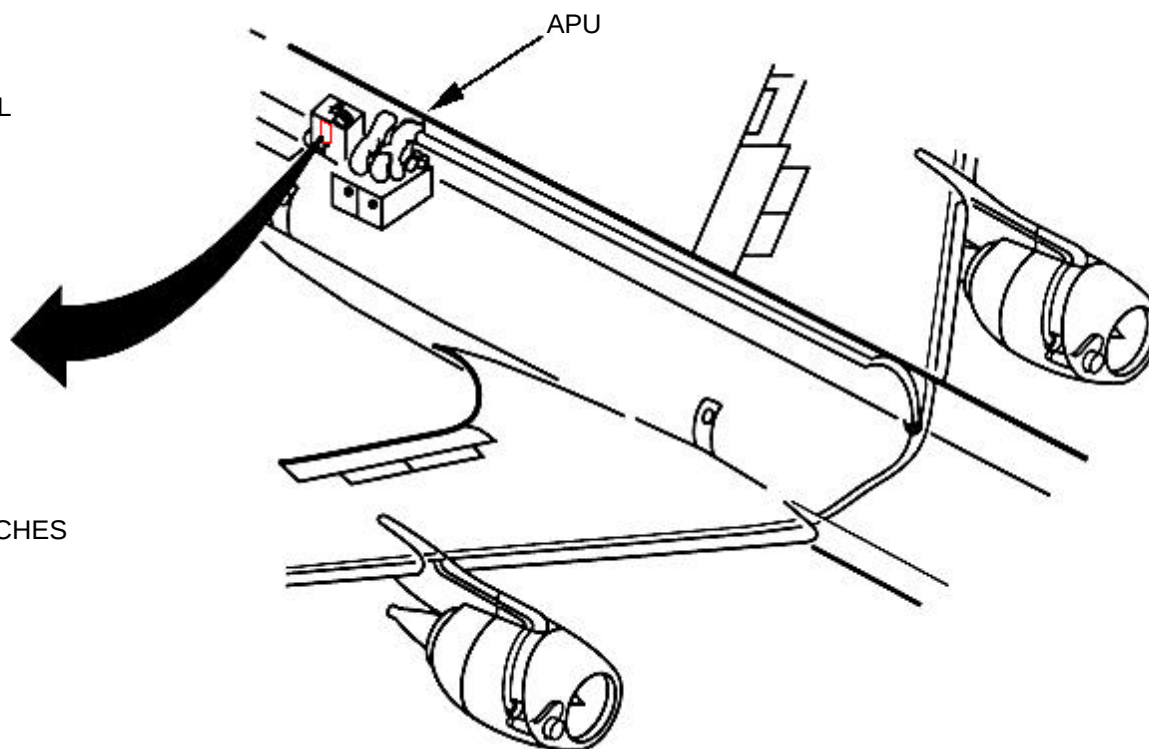
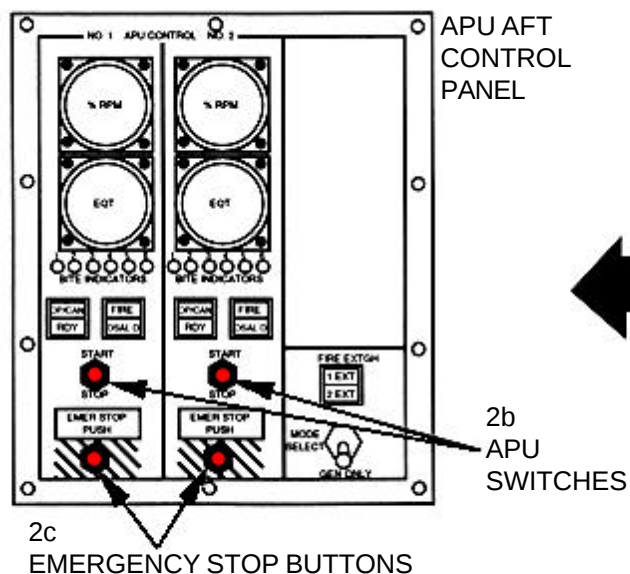
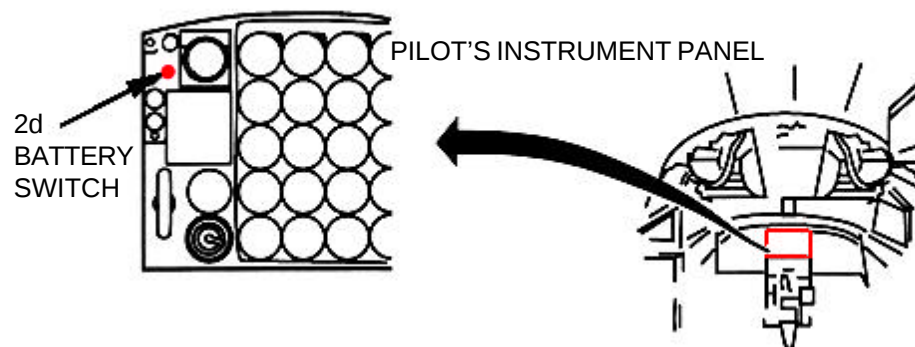
C-135

2. APU SHUTDOWN (KC-135R) -Continued

NOTE:

The APU's may be shutdown from the aft control panel, located directly opposite the aft emergency exit.

- b. Place APU 1 and APU 2 switches to STOP position.
- c. For emergency shutdown, push APU 1 and APU 2 EMERG STOP buttons, located directly beneath APU normal operation switches.
- d. Place battery switch, located on pilot's instrument panel, to OFF position.



APU SHUTDOWN FOR SELECTED KC-135D/E

1. APU SHUTDOWN (KC-135D/E)

NOTE:

Procedures apply to all four stations (1) Crew entry door (2) Navigator's control panel (3) Pilot's control panel and (4) APU junction box. Placing any one of the four emergency stop switches to the stop position will shutdown the APU. Electrical power to the fuel pump and the fuel shutoff valve will be shutoff. The fuel valve will close when electrical power is off.

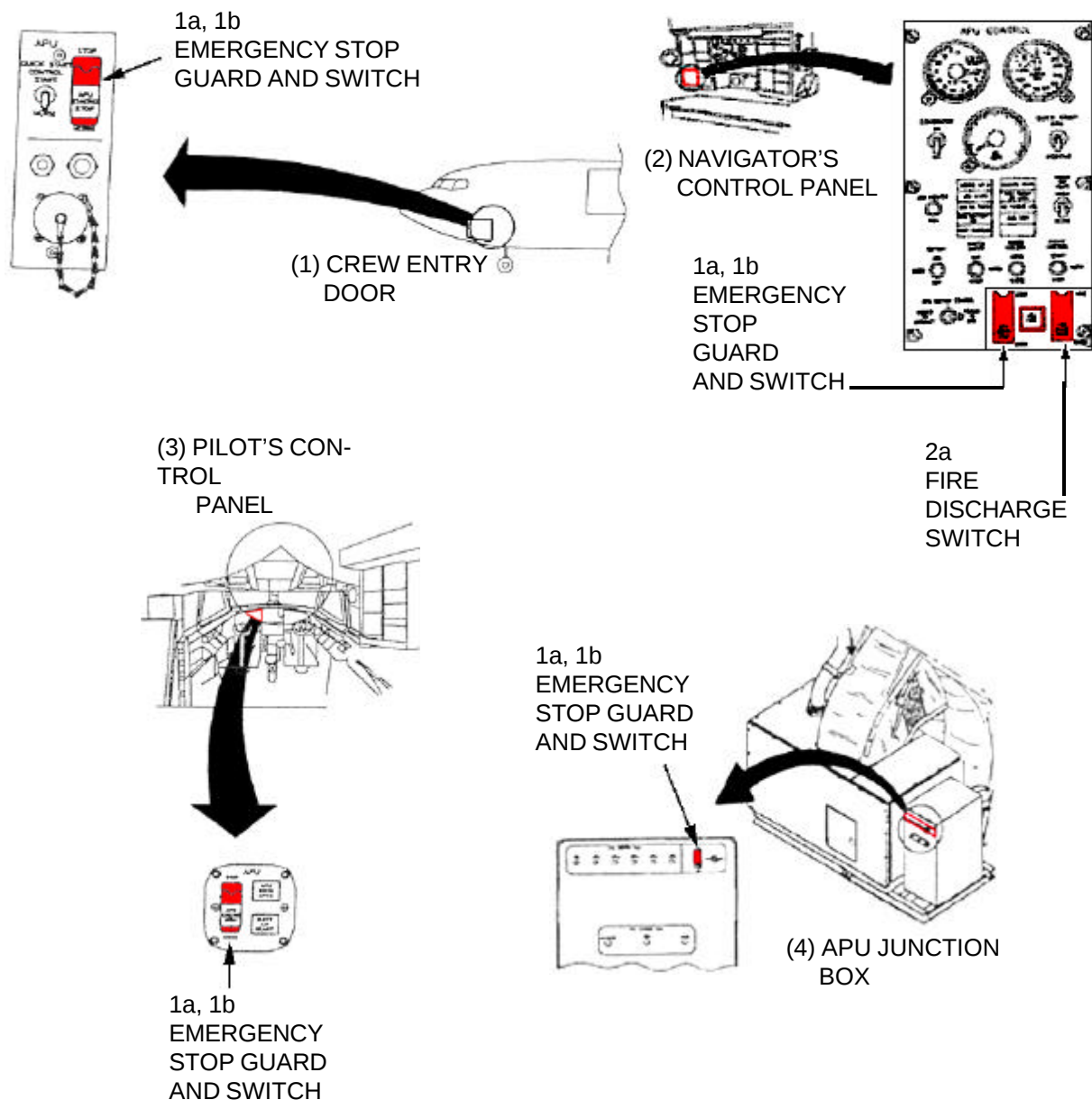
- Lift guard on emergency stop switch.
- Place emergency stop switch to STOP.

2. MANUAL DISCHARGE OF APU FIRE BOTTLE

NOTE:

APU battery switch must be on.

- At the navigator's APU control panel, place the emergency stop switch to the STOP position.
- Place the fire discharge switch to the FIRE position to discharge the APU fire bottle.

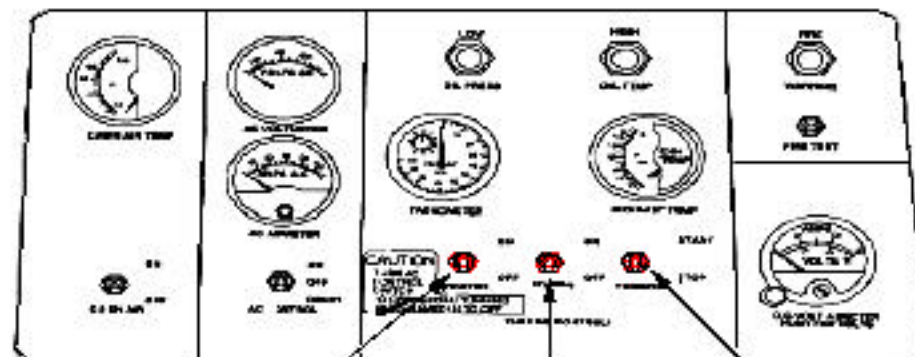


APU SHUTDOWN FOR SELECTED KC-135D/E-Continued

C-135

3. STOPPING THE AiResearch APU

- Place the primer switch, located on the AiResearch APU control panel, to the OFF position.
- Set the start - stop switch, located on the AiResearch APU control panel, momentarily to the STOP position.
- Place the master switch, located on the AiResearch APU control panel, to the OFF position.

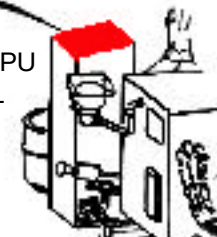


3a
MASTER SWITCH

3b
PRIMER SWITCH

3c
START - STOP SWITCH

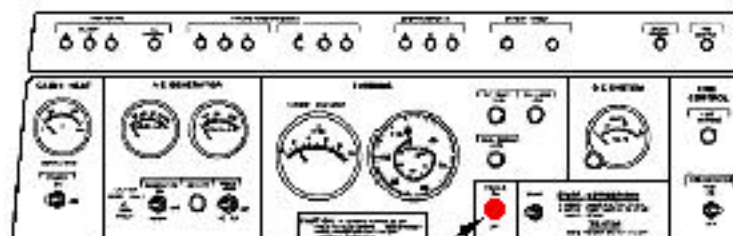
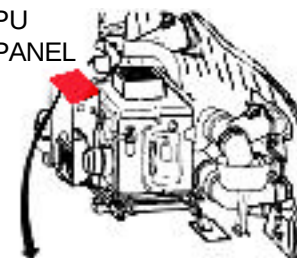
AIRESEARCH APU
CONTROL PANEL



4. STOPPING THE SOLAR APU

- Place the power switch, located on the Solar APU control panel, to the OFF position.

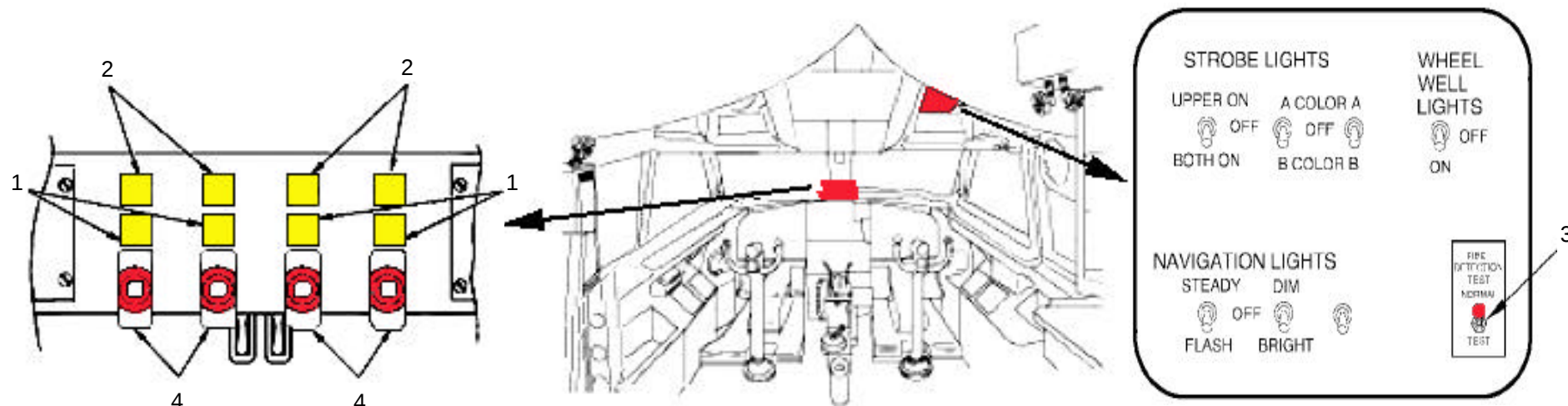
SOLAR APU
CONTROL PANEL



4a
POWER SWITCH

ENGINE FIRE/OVERHEAT DETECTION AND EXTINGUISHING SYSTEM CONTROLS & INDICATORS

C-135



NO.	CONTROL INDICATOR	FUNCTION
1	COMPT (compartment) HOT (Overheat) Light (4) (Amber)	COMPT HOT light comes on any time overheat is detected in the associated engine. It also comes on, along with the engine fire light, any time a fire is detected in the associated engine or nacelle.
2	EXT (extinguisher switch) (4) (Amber)	Light in switch comes on when extinguisher bottle discharge squib is armed by pulling the corresponding fire switch. Pressing the EXT switch fires the squib, causes light to go out, discharges the fire extinguisher, and causes the light in other EXT switch on the same side to come on, which indicates the discharge squib on the second bottle is armed.
3	Fire Detection System Test Switch (Two-position toggle switch, spring-loaded to NORMAL)	When switch is held in TEST position, tests the fire detection system for all four engines. The COMPT HOT light and the engine fire light must both come on to indicate a properly operating system for each engine. A bulb test of EXT 1, EXT 2, EXT 3, and EXT 4 is also accomplished.
4	Engine Fire Switch (4) (Red) NOTE: On some models, the engine fire switches may be rotated vertically.	The red light in the switch comes on when an engine fire is detected in the associated engine. When the switch is pulled, fuel, hydraulic, and pneumatic supplies are cut off to the engine by the fire wall shutoff valves. It also deactivates the generator and engine ignition. Pressing the switch back in resets the valves and control circuits to their normal position. The generator remains tripped. Pulling fire switch arms the corresponding fire bottle discharge squib causing the appropriate EXT light to come on.