

Emergency Extraction

AD-4NA Skyraider: The Proud American



Normal Canopy Release

- The canopy is hydraulically operated. If there is no hydraulic pressure, the canopy can be opened manually by moving the control to “open” and sliding with the red handles located on each side of the canopy. This may require two people, one on each side of the canopy

Emergency Canopy Release

- The canopy can be opened utilizing a nitrogen pressure operated system by depressing the red release button and moving the control to “Rescue”



Harnesses

- Release the belt by lifting the release lever on the lap belt. Seat pack parachute is not attached to the seat and can remain on the pilot during extraction

Master/Battery Switch

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- The main Battery Switch is located on the pilot's right console. It is labeled "Bat & Gen". Move the switch aft to turn off battery power. Lifting the guard is not required



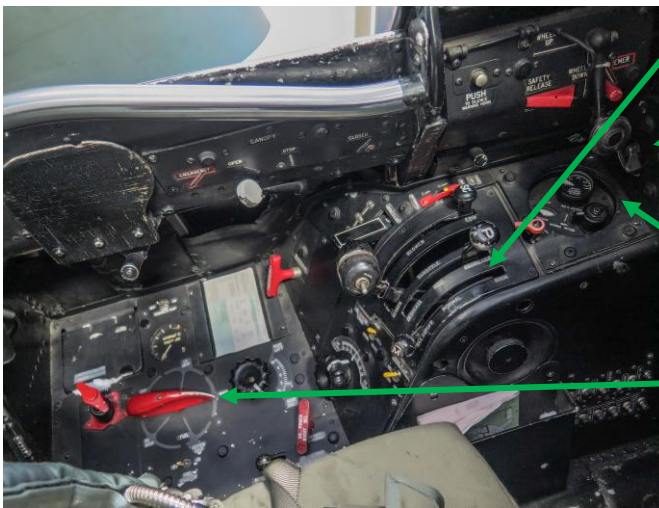
**BATTERY
SWITCH**

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Engine Shutdown

- In the event the engine is still running, pull the Mixture Control to the IDLE/CUT-OFF position (Full back, push in “M” button on top of lever to release detent catches), turn Magneto Switch to OFF (full CCW) or turn to Fuel Selector to OFF (knob pointing aft)
- Generally, Oxygen is not kept full on this aircraft. Confirm with crew for particular shows.



**MIXTURE
CONTROL
LEVER**

**MAGNETO
SWITCH**

**OXYGEN
CONTROL**

**FUEL
SELECTOR**

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Battery Disconnect

- Located inside the rear compartment, under the floor panel. Remove the floor panel for access to battery.
- Turn the battery connector knob counter clockwise and remove the connector from the battery



BATTERY

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Hazards

Fuel

- Aircraft fuel is contained in a single 380 gallon fuel cell located in the fuselage just behind the cockpit
- An electric boost pump located lower left equipment bay feeds pressurized fuel to an engine driven pump and then to the engine

Hydraulic System

- Fluid is MIL 5606 and is flammable
- Reservoir is located on the left side of the engine firewall
- Pumps – 2 located on the engine
- Accumulator – 1 located near the hydraulic tank

Engine

- Fire / heat – The entire engine is hot
- Oil – 38 gallon reservoir is located on the engine fire wall
- Hydraulic – 2 engine driven pumps and has residual pressure
- Fuel – Fuel lines run from tank through the fuel selector valve to the electric and engine driven pumps and then to the carburetor

Oxygen System

- Tank is located in the fuselage equipment bay under the cockpit
- A control valve is located in the left side of cockpit forward of the throttle/prop/mixture controls