

Socata TB-30 *Epsilon*



Emergency Extraction Information



Overview: The Socata Epsilon TB-30 is a 1980's era French Air Force military trainer with two tandem cockpits with canopies that slide aft to open.

- **Crew Access:**

- Canopy Levers on aircraft left marked with Rescue Signs
 - Pull Lever Down to Release and Slide Aft
- No Ejection Seats
- Deactivated Frangible Canopy Detonation Cord remains in the two movable canopy frames
- Standard 5-point Pilot Harness is Blue. Backpack Parachute Harness is Red.

- **Engine Securing:**

- **Mixture Controls:** on Throttle Quadrants in both cockpits. Pull Aft to Shut Off Fuel
- **Fuel Shutoff Levers:** both cockpits right side just aft of the panels. Pull Aft to Shut Off Fuel
- **Ignition Switch:** right lower sub-panel in front cockpit. Rotate counterclockwise to turn off.
- **Battery Key:** on right side panel in front cockpit. Rotate counterclockwise to turn off.

- **General:**

- Fuel: AVGAS 100LL in two wing tanks. Max 55 gallons. Typical airshow fuel 20 gallons.
- Smoke Oil: 6 gallon tank aft of Rear Seat.
- Battery: Located under the windscreen/glareshield aft of firewall. Access by windshield release lever behind panel on right cockpit side (see photos below).



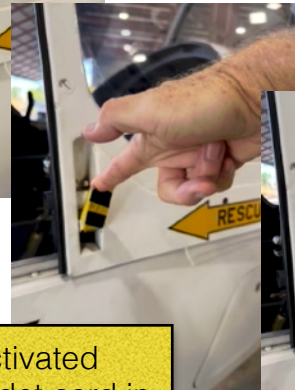
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Crew Access: Canopies Open from Left Side Only



To open the Canopy(s), pull downward on the Lever and Slide the canopy aft.



Caution: Deactivated frangible canopy det cord in the movable canopy frames.



Pilots wear Blue standard 5-point harnesses. Rotate black lever to release harness. Pilots wear Red Backpack style parachutes.



To Hoist Pilots Out: Straddle the canopy rails, release Blue 5-point belts and lift by the red parachute harness.

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Engine Securing:

Shut Fuel Off: Move the Mixture lever Aft on left throttle quadrants



Mixture Control: Red lever on either throttle quadrant on left side of cockpit. Pull Aft.

Move the Fuel Shutoff Lever Aft. (On right cockpit sidewall, either cockpit.)



Fuel Shutoff Lever: Orange tab rotates inward to help pull lever full aft.

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Engine Securing **(cont.):**

Turn Ignition Off: On Right Sub-panel



**Rotate Magneto (Ignition) Switch
Counterclockwise**

Turn Battery Off:



**Battery switch is key operated. Rotate key
counterclockwise**

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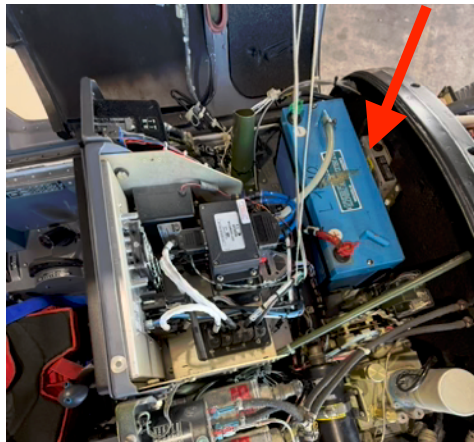


General:

Fuel: Contained in two 27 gallon wing tanks (“wet” wing)

Smoke Oil: Contained in a 6 gallon tank on a shelf behind the back seat.

Battery Disconnect: Two 12-Volt Sealed AGM batteries (connected in series) are in the blue battery box located under the Windshield.



To Disconnect the Batteries:

1. Access the windshield release on the right side of the front cockpit under the rectangular panel.
2. Remove the panel and slide the latch aft
3. Lift the windshield from the right side.
4. Then use the Thumb Screws to disconnect the battery leads.



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