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# *Emergency Extraction*

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## North American P-51 Mustang



### Normal Canopy Release

- Depress the Red Normal Release button and hold to slide the canopy back without removing the canopy from the aircraft

### Emergency Canopy Release

- An external canopy release lever is located forward of the windshield bow on the upper right longeron. Pulling the handle releases the canopy so that it may be removed from the aircraft.



**EMERGENCY  
RELEASE**

**NORMAL  
RELEASE**

Aircraft Type: North American P-51 Mustang  
Registration: N51ZM  
Pilot Name: Mark Peterson  
Emergency Contact Name:

Date: October 19, 2014

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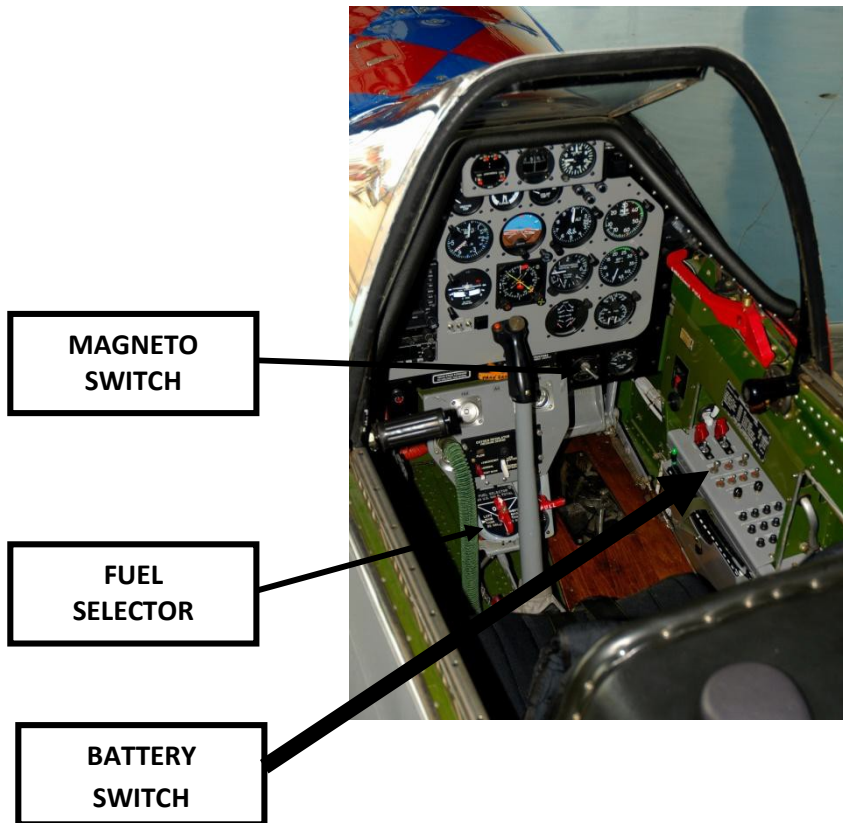
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### Battery Switch

- The main Battery Switch is located on the pilot's right lower console. It is labeled "Battery". Lift and move the locking switch aft to turn off battery power.



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### Battery Disconnect

- Located inside the engine cowling on the upper left side forward of the windshield and just behind the exhaust stacks.
- Turn the battery connector knob counter clockwise and remove the connector from the battery.



BATTERY

### Engine Shutdown

- In the event the engine is still running, pull the Mixture Control to the CUT-OFF position, turn Magneto Switch to OFF or turn to Fuel Selector to OFF.

### 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.

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## **North American P-51 Mustang**

### **Hazards**

#### **Fuel**

- Aircraft fuel is contained in two 91 gallon wing tanks that are located in the inboard section of the wing and extend under the cockpit.
- Electric boost pumps in each tank feed pressurized fuel to the fuel selector in the left wheel well and forward to the engine

#### **Hydraulic System**

- Fluid is MIL 5606 and is flammable
- Reservoir is located in front of the cockpit
- Pumps – one located on the engine
- Accumulators – 1 located in the right wheel well

#### **Engine**

- Fire / heat – The entire engine is hot
- Coolant – Two coolant systems run from the front of the engine, under the cockpit to the radiators in the scoop
- Oil – 12 gallon reservoir is located behind the battery
- Hydraulic – pump is engine driven and has residual pressure
- Fuel – Fuel lines run from the selector in the left wheel well forward to the carburetor and distribution lines on the engine

#### **Oxygen System**

- Tank is located in the aft fuselage behind and above the scoop.
- A control valve is located in the cockpit near the pilot's right foot well.

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