
Emergency Extraction

P-51 Mustang: Val-Halla



Normal Canopy Release

- Depress the Yellow 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**

Harnesses

- Release the belt by lifting the release lever on the lap belt.

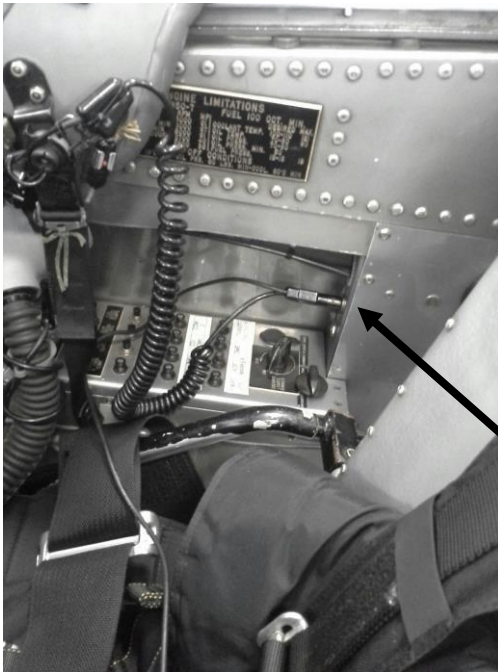
Emergency Extraction

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- Seat pack parachute is not attached to the seat and can remain on the pilot during extraction.

Helmet Microphone Cord Plug Release

- Pilot Helmet will have a microphone connection that will have to be disconnect before extraction
- Plug is located on right hand side of cockpit near pilots right arm
 - Pull Plug forward to release from connector



**MICROPHONE
PLUG RELEASE**

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Master/Battery Switch

- The main Battery Switch is located on the pilot's right lower console. It is labeled "Master". It is a normal unguarded toggle switch.

Engine Shutdown

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



**MIXTURE
CONTROL**

**FUEL
SELECTOR**

**MAGNETO
SWITCH**

**MASTER
SWITCH**

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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.

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**BATTERY
DISCONNECT**
(Under Cowling)



**BATTERY
DISCONNECT**

**HYDRAULIC
RESERVOIR**

**OIL
RESERVOIR**

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

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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 left elbow.