

## Hydraulics A320

The Airbus A320 has three different hydraulic systems called GREEN, BLUE and YELLOW system. Each system has its own Reservoir and the normal system pressure is 3000 psi.

**Green System:** Is being pressurized by an Engine Driven Pump (EDP) which is connected to Engine N°1. Hence the Green EDP can only produce pressure when the engine is running.

**Blue System:** Is being pressurized by an electric pump. In an emergency the blue system can also be pressurized by the Ram Air Turbine (RAT).

**Yellow System:** Is being pressurized by an Engine Driven Pump (EDP) which is connected to Engine N°2. As a backup power source, an electric driven pump is also available on ground and is used for short term usage only. If this pump also fails, there is a handpump with which the cargo doors can be opened.

**Power Transfer Unit:** Is built in to allow system pressure transfer (not fluid transfer!) from the yellow to green system and vice versa.

