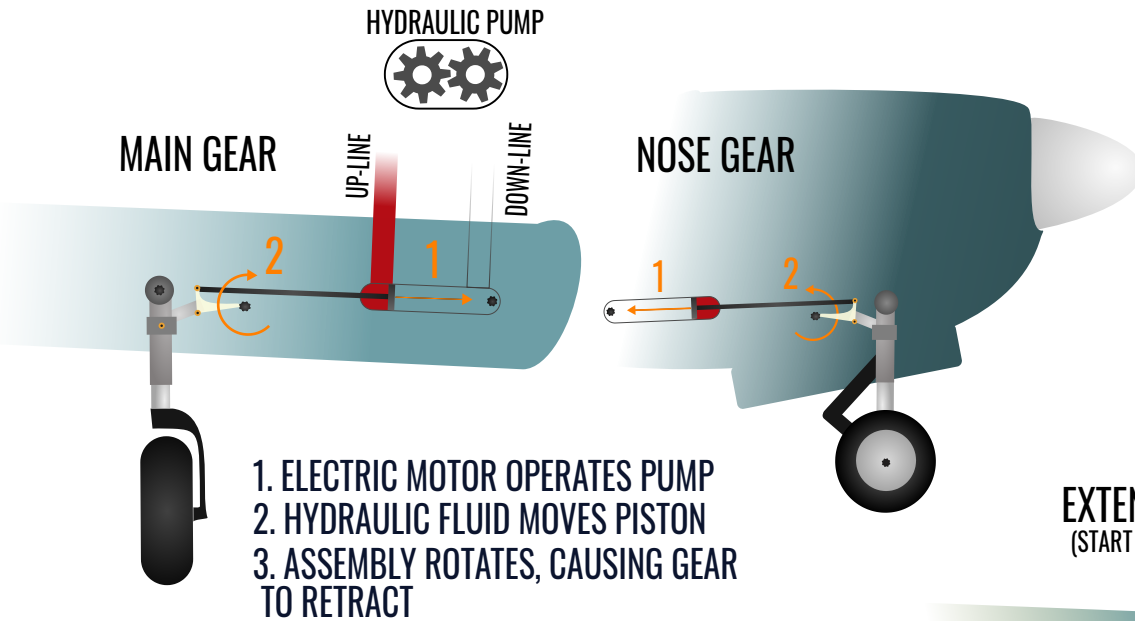
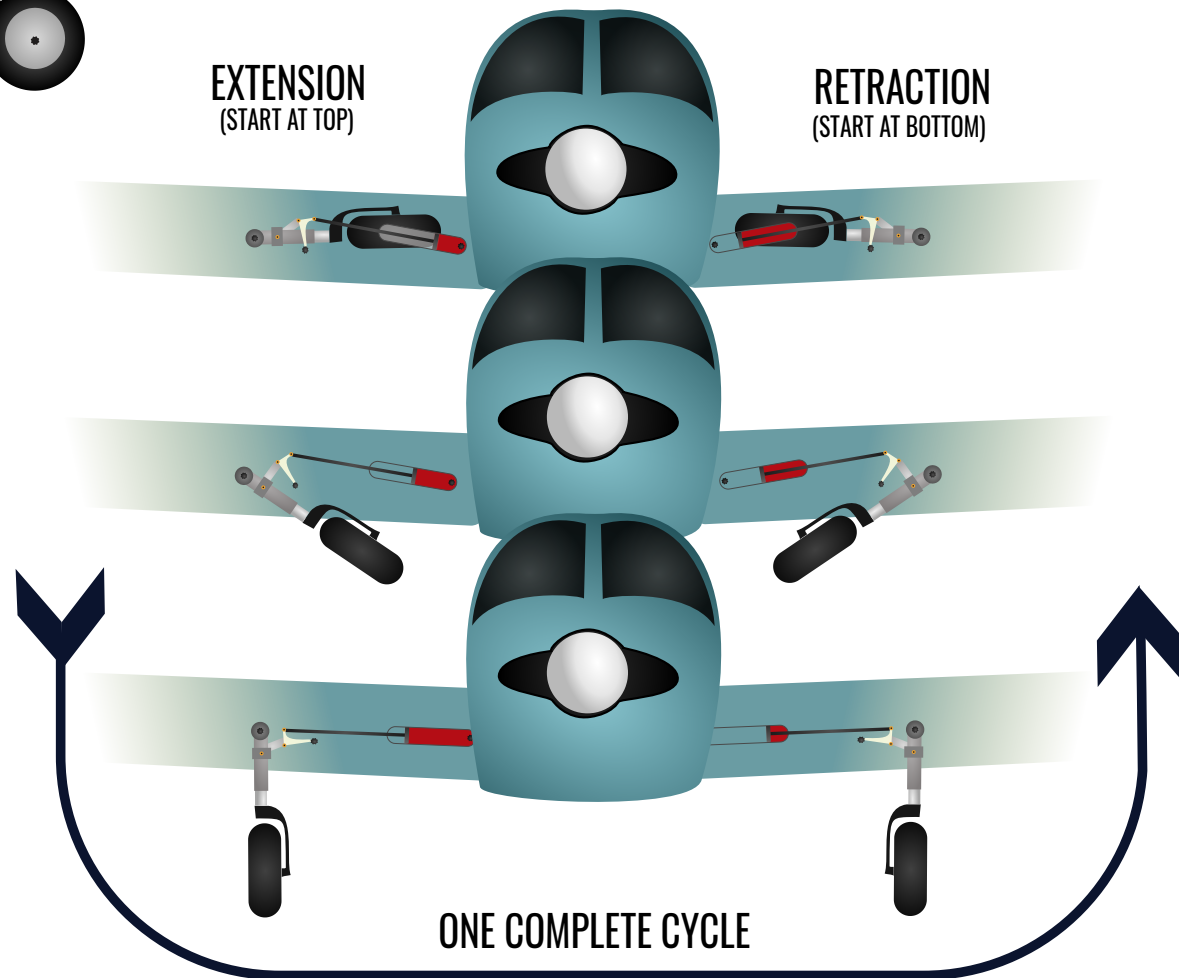


RETRACTABLE LANDING GEAR



An electrical-mechanical system works similarly but uses an electric motor to rotate the assembly instead of hydraulic fluid.



IT'S IMPORTANT FOR YOU TO KNOW THE SPECIFICS FOR YOUR AIRPLANE

How is retraction actuated?

Some systems are hydraulic. others are electrical-mechanical

How are the gear doors actuated?

Some are mechanically attached. others use electrical or hydraulic power

What process is used to drop the landing gear if the normal procedure fails?

Some systems use a backup hydraulic dump valve to release all hydraulic pressure and let the gear free fall. others use hand cranks.

What holds the gear up and down?

Over-center locks are often used to keep the gear locked down. up-locks are commonly used to hold the gear up

If hydraulic pressure is lost with the gear up, will the gear fall?

In some airplanes, the gear will fall, and in others it will not.