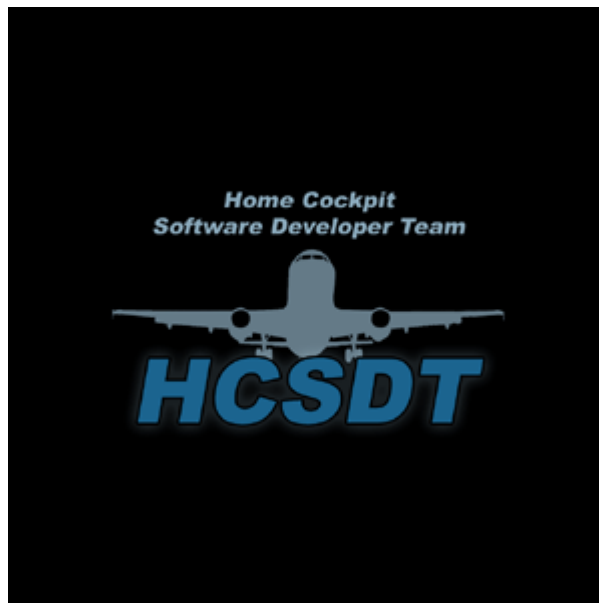


# A320 Systemware

## APU

A320 Overhead and ECAM Software for Microsoft Flight simulator 2002

By



Copyright and Development

Holger Johannsen and Steffen Herberg

# A320 Panel guide APU

## 2.3. APU

Like the GPU the APU can also deliver electric power to the aircraft. But you have to start the APU before you can get some electricity out of it.

The APU will be started by electric motors; therefore you must turn battery 1 and 2 to ON else nothing will happen. With the GPU on the net will the APU start only over the DC power from the batteries. So take care of your batteries.

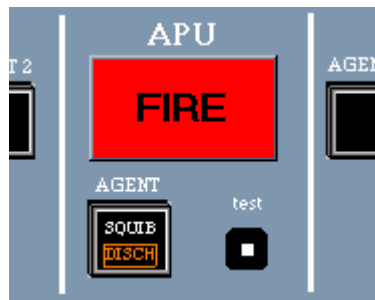


How to start the APU?

Before you start the APU you must make an APU FIRE TEST.

Press the APU FIRE TEST button to test the APU fire loops and warnings.

The red APU FIRE BUTTON, the APU agent and MASTER WARNING must illuminate, some seconds. Later the lights turn off again.



Check that all lights turn on and the warning sound turns on.

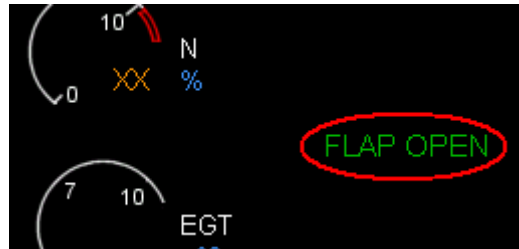
Press the APU Master switch to ON. A blue ON light will illuminate in the button and the APU page on the SYSTEM DISPLAY will show the status of the APU.

The APU Master switch opens the APU inlet flap and the fuel valve.

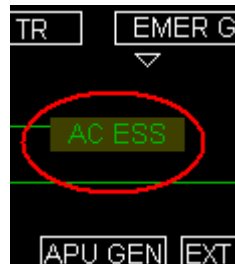


# A320 Panel guide APU

After the opening of the APU inlet flap a FLAP OPEN message will be shown on the APU SYSTEM DISPLAY.



! The SYSTEM DISPLAY will only be shown if there is an AC source feeding the AC ESS BUS.

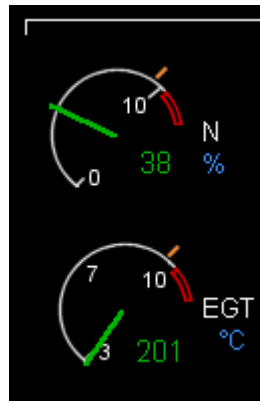


After the APU FLAP is open, can you start the APU by pressing the APU START button to on. A blue ON light will illuminate to indicate that the APU starts.

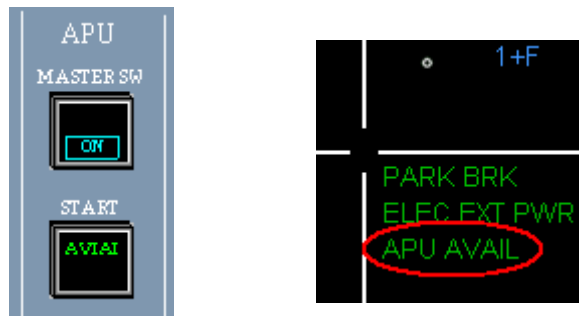


# A320 Panel guide APU

If the SYSTEM DISPLAY is online you can see the N2 and EGT run up.



At approx. 96 % N2 the ON light in the APU START button disappears and a green AVAIL light will be illuminated instead and in the upper ECAM DISPLAY will an APU AVAIL be shown.



Now you can get electric power and bleed from the APU.

How can I shutdown the APU?

You can shutdown the APU by toggling the APU Master switch to off. The APU will not shutdown directly, but cool down a while. If you used the APU bleed; this will increase cool down time some minutes.

In the cool down phase you will see this button configuration.

