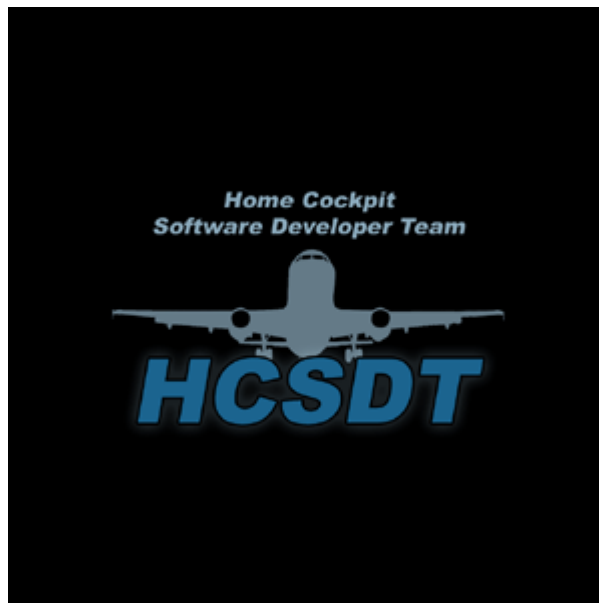


# A320 Systemware

## BLEED

A320 Overhead and ECAM Software for Microsoft Flight simulator 2002

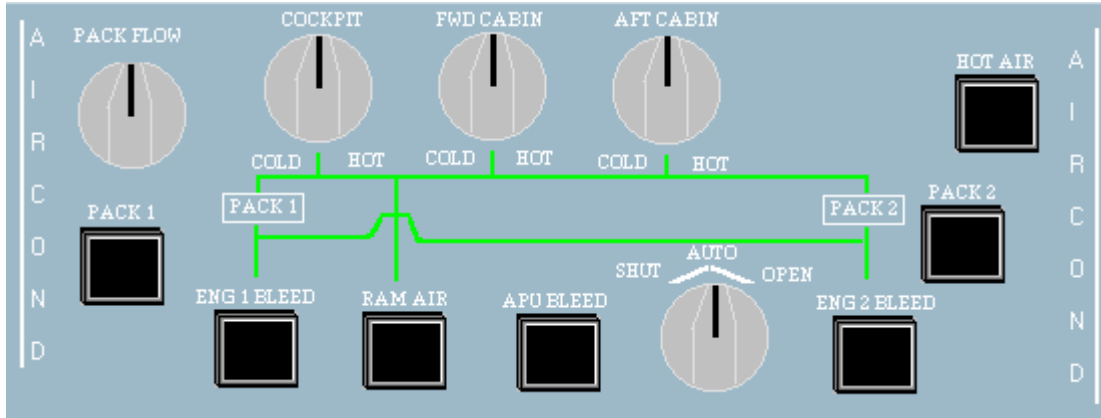
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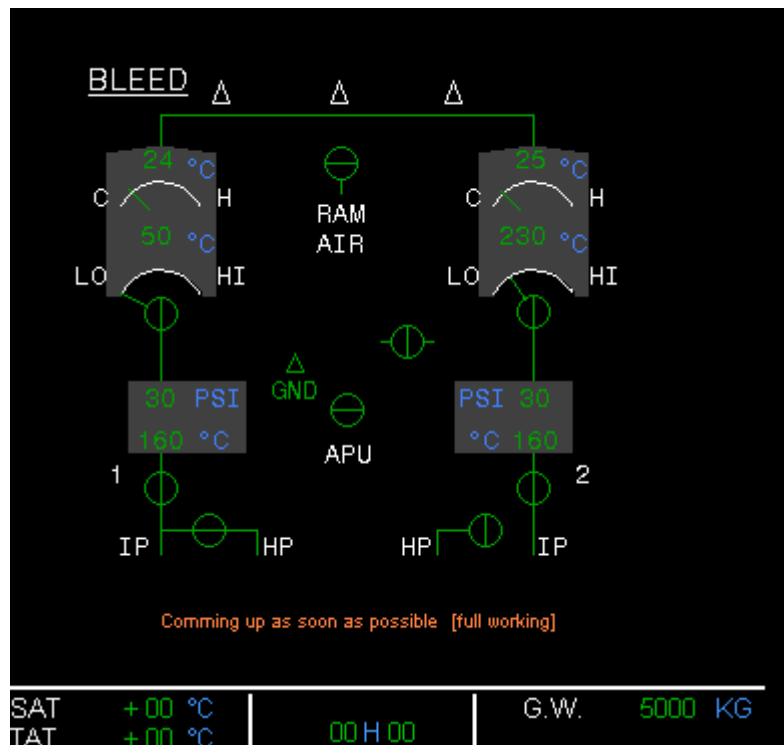
Copyright and Development

Holger Johannsen and Steffen Herberg

# A320 Bleed Panel Guide

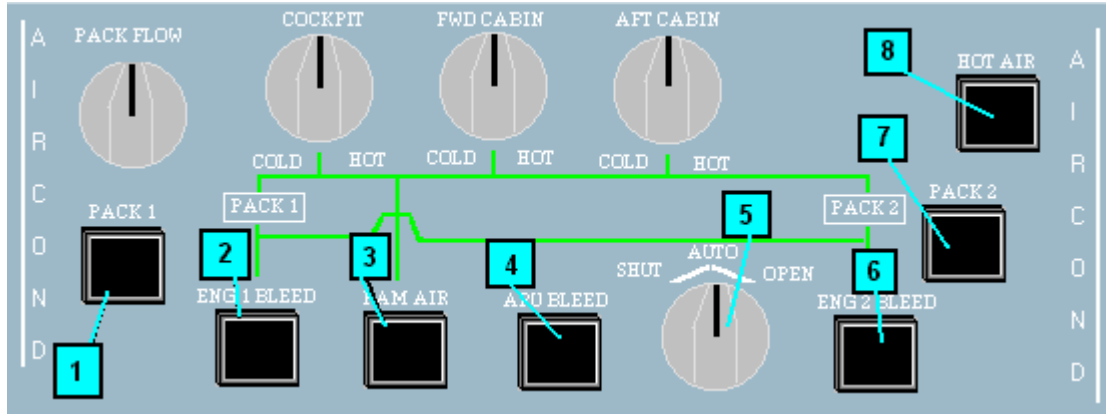


This is the BLEED panel which is part of the overhead panel.



Bleed page on the SYSTEM DISPLAY

# A320 Bleed Panel Guide



## No. 1 PACK 1

The PACK is an air conditioning system, a module of the air system in the aircraft. It is used to cool down the air in the aircraft, the cockpit and the instruments in both the cockpit and the electronics bay.

The PACKS are bleed driven.

Normally the PACKS are on (No light). If you switch the button to off, a light will show that the PACK is off line and therefore will not work!

During engine start the PACKS are closed down but will start again once the engine start is complete.

## No. 2 ENG 1 BLEED

You can switch the bleed on and off. This only works if the engine is running.

## No. 3 RAM AIR

Ram air is an air inlet under the aircraft that can force air into the cabin if the normal air system does not work any longer! (Not yet modeled)

## No. 4 APU BLEED

The APU BLEED switch is used to let the bleed get into the bleed busses to then drive the PACKS on the ground and also to start the engines.

The switch is off when the light is off. The ON light will illuminate when the bleed valve is open.

A fault light will illuminate if the valve is open and the APU does not make bleed air.

## No. 5 BLEED X FEED

The BLEED X FEED switch has 3 positions Shut, auto and open.

# A320 Bleed Panel Guide

Normally the switch will be in the auto position. In this position the system will open or close the transfer valve when the APU bleed switch is on. If the APU bleed switch is off, then the transfer valve will stay closed. In the shut position the transfer valves will always be closed, and in the open position the valves will always be open.

No. 6 ENG 2 BLEED

Like NO..2 but for engine 2.

No. 7 PACK 2

Like NO..1 but for PACK 2

No. 8 HOT AIR

The HOT AIR switch is to control the hot air transfer to the cabin and aircraft air system. (Not yet modeled)

None of the rotary switches are currently modeled; therefore this concludes the Bleed Panel Guide!