

CHAPTER

75

AIR

CHAPTER 75 - AIR
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SPECIAL NOTE

WITHIN THIS MANUAL ALL REFERENCES TO LEFT AND RIGHT, CLOCKWISE AND COUNTERCLOCKWISE, FRONT AND REAR, ARE AS VIEWED FROM THE REAR OF THE AIRPLANE.

WITHIN THE ENGINE/PROPELLER MANUALS ALL SUCH REFERENCES ARE AS VIEWED FROM THE ACCESSORY GEARBOX/SPINNER BULKHEAD.

BECAUSE THE PIAGGIO P180 AVANTI IS CONFIGURED WITH "PUSHER" PROPELLERS, THE ENGINES ARE INSTALLED WITH THE ACCESSORY GEARBOX TOWARDS THE FRONT OF THE AIRPLANE; THEREFORE, IN THIS MANUAL ALL REFERENCES TO LEFT AND RIGHT, CLOCKWISE AND COUNTERCLOCKWISE, FRONT AND REAR (WHEN APPLIED TO ENGINE AND PROPELLER COMPONENTS) WILL BE THE OPPOSITE TO THE SAME REFERENCES IN THE ENGINE/PROPELLER MANUALS.

FOR EXAMPLE, ACCORDING TO THIS MANUAL, THE ENGINE ACCESSORY GEARBOX IS AT THE FRONT OF THE ENGINE; THE ENGINE MANUALS CONSIDER THE ACCESSORY GEARBOX TO BE THE REAR OF THE ENGINE.

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AIR - DESCRIPTION AND OPERATION

1. General

This Chapter covers the engine compressor delivery (P3 and P2.5) bleed air supply line between the engine gas generator case and the airplane Environmental Control System (ECS).

Refer to the P&WC Engine Maintenance Manual Chapter 72-36-31 and [75-00-00](#) for all other aspects of the engine air system.

2. Description

A small amount of delivery air from the engine compressor is bled off through a port in the engine gas-generator case. This supplies the flight compartment with an air conditioning system.

Refer to Chapter [21-00-00](#) for the description and maintenance practices of the air conditioning system.

3. Operation

Refer to Chapter [21-00-00](#) for the operation of the air conditioning system.

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