TEMPORARY REVISION NO. 32
TO PC-12/47E PILOT'S OPERATING HANDBOOK

REPORT NO. 02406

APEX BUILD 12.7.2

This Temporary Revision introduces changes associated with APEX Build 12.7.2 and updates:

- Front Matter – List of APEX Builds
- Section 3 – Emergency Procedures
- Section 7-3 – Flight Controls
- Section 7-21 – Stall Warning / Stick Pusher System.

This Temporary Revision is valid for PC-12/47E aircraft MSN 1720, 2001 and up.

The technical content of this document is approved under the authority of the DOA ref. EASA.21J.357.

Approval date: 03.09.2025.

Insert this Temporary Revision at the front of the POH.

Record the incorporation of this Temporary Revision on the Log of Temporary Revisions.

Front Matter

List of APEX Builds

Replace the content of the existing table with:

APEX Build	Honeywell part number	ECL version number	ECL software version
Build 12.6.1	EB60003299-0116	1212-01	PC1200102.ecl
Build 12.6.1	EB60003299-0116	1212-02 (MSN 1720, 2001-2100 pre SB 45-024)	PC1200103.ecl (MSN 1720, 2001-2100 pre SB 45-024)
Build 12.6.1	EB60003299-0116	1212-03 (MSN 1720, 2001-2100 post SB 45-024 and MSN 2101 and up)	PC1200104.ecl (MSN 1720, 2001-2100 post SB 45-024 and MSN 2101 and up)
Build 12.6.1	EB60003299-0116	1212-04 (MSN 2001 - 2210 post SB 45-028 and MSN 2211 and up)	PC1200105.ecl
Build 12.7.1	EB60003299-0119	1212-04	PC1200105.ecl
Build 12.7.2	EB60003299-0120	1212-05	PC1200303.ecl

Section 3 Emergency Procedures

3-12 Stick Pusher Failure

Replace the existing Pusher procedure (3-12-01) with:

Pusher **3-12-01**

On ground:

1. Pusher Test..... Carry out

If **Pusher** *caution persists:*

2. Aircraft..... No flight permitted. Maintenance required

--- END ---

In flight:

1. CAS..... Check

If **Pusher** *and* **Flaps** *displayed:*

2. Aircraft..... Carry out the Flaps - 3-11-01 procedure

--- END ---

If **Pusher** *and* **Pusher Safe Mode** *displayed and NO* **Flaps** *indication:*

2. Aircraft..... Do NOT use Flaps 40°

Note
Pusher remains operational but may activate earlier than expected in Flaps 40° configuration.

--- END ---

If **Pusher** *is displayed with NO* **Pusher Safe Mode** *and NO* **Flaps** *indication:*

2. Stick Pusher Test switch..... Press and hold for a minimum of 5 seconds

If shaker 1 or 2 does not activate during test or **Pusher** *caution remains:*

Continued on next page

Pusher 3-12-01

continued

WARNING

THE AIRCRAFT IS NOT STALL PROTECTED.

STALLS MUST BE AVOIDED WHEN THE STICK PUSHER IS INOPERATIVE. EXCESSIVE WING DROP AND ALTITUDE LOSS MAY RESULT DURING STALL WITH FLAPS DOWN AND/OR WHEN POWER IS APPLIED.

CAUTION

Stall speeds in turns are higher.

Dynamic speed bug may not be reliable.

3. Airspeed..... Not below 1.3 V_S for 10450 lb (4740 kg):

Flap setting	Airspeed (KIAS)
0°	120
15°	101
30°	90
40°	88

If in icing conditions:

4. Aircraft ..... Carry out the Pusher - 3-18-09 procedure

--- END ---

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Section 7 Airplane and Systems Description

7-3 Flight Controls

7-3-6 Flaps

Replace the following text:

Additionally if flap asymmetry or twist is detected and the flap angle is greater than 2° after 10 seconds, the **Pusher** will show and the stick pusher will default to 'safe' mode. **Pusher Safe Mode** will show in the CAS window. In the 'safe' mode the stick pusher will operate at the flap 0° flap speed setting

With the updated text below:

Additionally, if invalid flap position, flaps asymmetry, or flap twist is detected, a **Flaps** CAS message will be displayed, shortly followed by **Pusher**. Under this condition, the stick shaker / pusher system will revert to safe mode, which will be indicated by the **Pusher Safe Mode** CAS message. When in safe mode due to flap failure, the stick shaker / pusher trigger thresholds operate at the 0° flap position settings, regardless of the actual flap position.

7-21 Stall Warning / Stick Pusher System

7-21-4 Indication / Warning

Replace the following text:

The stick pusher computer checks the flap position and flap asymmetry and if greater than 2° for 10 seconds or more, sends a **Pusher** message to the MAU for display on the CAS and goes into pusher safe mode. The MAU also signals the CAS to display the **Pusher Safe Mode** advisory. When in safe mode, the stall warning trigger thresholds operate at the 0° flap position settings irrespective of the flap position.

With the updated text below:

The stick pusher computer monitors the flap position and flap asymmetry / twist. If an invalid flap position or flap asymmetry / twist is detected, the **Flaps** CAS message is displayed, shortly followed by **Pusher**. Under this condition, the stick shaker / pusher will revert to safe mode, which will be indicated by the **Pusher Safe Mode** CAS message. When in safe mode due to flap failure, the stick shaker / pusher trigger thresholds operate at the 0° flap position settings, regardless of the actual flap position.
APEX Build 12.7.2 and higher: When in safe mode and no **Flaps** CAS message is displayed at the same time (i.e., the pusher safe mode is active due to an at least momentarily invalid engine torque signal), the stick shaker / pusher trigger thresholds operate at the 0° flap position settings only with the flaps in the 40° position. For all other flap positions, no changes to the trigger thresholds occur.