

PILATUS AIRCRAFT LTD, STANS, SWITZERLAND

Service Bulletin No: 45-004**Ref No:** 240**Mod No:** EC-08-0466, EC-09-0685, EC-11-0094, EC-13-0122, EC-14-0205, EC-14-0068, EC-13-0398, EC-16-0062**ATA Chapter:** 45

EC-16-0515

LOAD HONEYWELL PRIMUS APEX OPTION FILE FOR VARIOUS FACTORY OPTIONS

1. Planning Information**A. Effectivity**

All PC-12/47E aircraft.

B. Concurrent Requirements

None.

C. Reason

Several Factory Options need the appropriate option activated or de-activated in the Honeywell Primus APEX Option file to enable the systems to function. Associated hardware changes are either covered by Pilatus Service Bulletins, or need to be locally approved.

D. Description

This Service Bulletin requests submittal of the appropriate information (the options to be activated or de-activated) in order to allow the correct Honeywell Primus APEX Option file to be produced, loaded and tested. Instructions are given about the required procedure after changing the Option file.

Revision 1 to this Service Bulletin adds reference to Service Bulletin 34-026 (Install a GPS Receiver that is Wide Area Augmentation System (WAAS) Capable). Operators who have already accomplished the Service Bulletin at original issue do not need to do rework.

Revision 2 to this Service Bulletin adds additional Options activated by Honeywell Primus APEX Operational Software Build 7. Operators who have already accomplished this Service Bulletin at a previous issue do not need to do rework.

Revision 3 to this Service Bulletin adds additional Options activated by Honeywell Primus APEX Operational Software Build 8. Operators who have already accomplished this Service Bulletin at a previous issue do not need to do rework.

Revision 4 to this Service Bulletin updates the order form for APM Options. Operators who have already accomplished this Service Bulletin at a previous issue do not need to do rework.

Revision 5 to this Service Bulletin adds the ADS-B Out Option. Operators who have already accomplished this Service Bulletin at a previous issue do not need to do rework unless additional options are to be activated.

Revision 6 to this Service Bulletin updates the part number for the KXP 2290A Mode S Transponder Mod 02/02 and updates the APEX Build to 8.8 to address issues on ADS-B Out. It is recommended that operators who have already accomplished this Service Bulletin at Revision 5 replace and install the latest KXP 2290A Mode S Transponder and upgrade to APEX Build 8.8.

Revision 7 to this Service Bulletin adds additional Option activated by Honeywell Primus APEX Operational Software Build 10. Operators who have already accomplished this Service Bulletin at a previous issue do not need to do rework unless additional options are to be activated.

Revision 8 to this Service Bulletin updates it to be compatible with Honeywell Primus APEX Operational Software Build 10.9. Operators who have already accomplished this Service Bulletin at a previous issue do not need to do rework unless additional options are to be activated.

Revision 9 to this Service Bulletin adds the Manual RNP Option. Operators who have already accomplished this Service Bulletin at the previous issue do not need to do rework unless additional options are to be activated.

Revision 10 to this Service Bulletin adds additional options (Weather radar RDR2060 support and LP approach) activated by Honeywell Primus APEX Operational Software Build 11. Operators who have already accomplished this Service Bulletin at a previous issue do not need to do rework unless additional options are to be activated.

Revision 11 to this Service Bulletin adds the removal of the Automatic Direction Finder (ADF) option. Operators who have already accomplished this Service Bulletin at the previous issue do not need to do rework unless additional options are to be activated or de-activated.

E. Compliance

Optional.

F. Approval

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA. 21J. 357.

PILATUS advises Operators/Owners to check with their designated Airworthiness Authority for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

G. Copyright and Legal Statement

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H. Manpower

	Total
Preparation	0.5
Modification	See Note
Close up	0.5
TOTAL MAN-HOURS	1.0

NOTE: The man-hours above apply to the loading of the Honeywell Primus APEX Option file only. The man-hours for modification and testing depend on the option(s) to be activated.

I. Weight and Balance

Not changed.

J. Electrical Load Data

Not changed.

K. Software

A new Honeywell Primus APEX Option file is loaded.

L. References

Aircraft Maintenance Manual (AMM):

12-B-00-00-00-00A-090A-A	12-B-05-10-20-00A-281-A-A
12-B-24-00-00-00A-901A-A	12-B-34-54-00-00A-903A-A
12-B-34-54-00-00A-903B-A	12-B-34-54-10-00A-903A-A
12-B-34-54-10-00A-903B-A	2-B-45-45-00-00A-550A-A

M. Publications Affected

For ADS-B Out Option: AMM and IPD.

N. Interchangeability of Parts

Not applicable.

2. Material Information**A. Material - Price and Availability**

Operators that require additional information and/or Service Bulletin Material should contact their authorized Pilatus Service Center, or Pilatus Customer Support on www.pilatus-aircraft.com → [contact us](#)

Part Numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered with the kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the kit if parts are superseded. Operators are requested to check the IPD for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.

B. Warranty

Not applicable.

C. Material Necessary for Each Aircraft