



**Quiet Wing System™**  
**Aircraft Induction Checklist**  
**B727 Series Hush Kit, Performance System and Winglets**

Please read the following instructions very carefully. It is vital that the following information is accurate and current for your airplane. Failure to provide this information may result in delays in completing your airplane on schedule.

The following information is required prior to beginning the Quiet Wing System installation:

Company Name: \_\_\_\_\_

Completed By: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

1. Quiet Wing System Kit Configuration Number \_\_\_\_\_

Includes Winglets? Yes \_\_\_\_\_ No \_\_\_\_\_

2. Aircraft Model Number \_\_\_\_\_

3. Aircraft Line Number \_\_\_\_\_

4. Registration Tail Number \_\_\_\_\_ Aircraft Serial Number \_\_\_\_\_

5. Please list the part number, model number, position, and serial number of the current Flap Position Indicators.

Boeing P/N \_\_\_\_\_ OEM P/N \_\_\_\_\_ S/N \_\_\_\_\_ Inboard

Boeing P/N \_\_\_\_\_ OEM P/N \_\_\_\_\_ S/N \_\_\_\_\_ Outboard

6. Located next to the gear retraction handle, what does the Gear Retraction Speed Placard indicate?

Extend \_\_\_\_\_ Knots \_\_\_\_\_ Mach \_\_\_\_\_

Retract \_\_\_\_\_ Knots \_\_\_\_\_ Mach \_\_\_\_\_

Extended \_\_\_\_\_ Knots \_\_\_\_\_ Mach \_\_\_\_\_

7. List the part numbers for the engine nose cowls.

Position No. 1 P/N \_\_\_\_\_

Position No. 3 P/N \_\_\_\_\_

8. List the part numbers for the engine tailpipes.

Position No. 1 P/N \_\_\_\_\_

Position No. 2 P/N \_\_\_\_\_

Position No. 3 P/N \_\_\_\_\_

9. Which of the following isolators are installed? (For JT8D-17 series engines only)

Elastomeric Yes \_\_\_\_\_ Met-L-Flex Yes \_\_\_\_\_

10. Tail Logo Light Kit option. **This is an option and is not part of the Quiet Wing System Kit.** Does the Customer request this option for an additional cost?

Yes \_\_\_\_\_ No \_\_\_\_\_

11. Does the aircraft have a Performance Data Computer? Yes \_\_\_\_\_ No \_\_\_\_\_

12. Which type of thrust reversers are installed on the aircraft?

A. Cascade: Yes \_\_\_\_\_ Clamshell: Yes \_\_\_\_\_

B. Do you have a thrust reverser on the #2 engine?

Yes \_\_\_\_\_ No \_\_\_\_\_

13. List the part number of the #2 Engine Power Lever. P/N \_\_\_\_\_

Is there a 70% detent on this Lever? Yes \_\_\_\_\_ No \_\_\_\_\_

14. What is the condition of the Compression Seal, Mid Flap to Aft Flap? Check one:

Very Good \_\_\_\_\_ Good \_\_\_\_\_ Poor \_\_\_\_\_ Needs Replacing \_\_\_\_\_

15. Does the aircraft have flaps 20 degree position? Yes \_\_\_\_\_ No \_\_\_\_\_

Note: Verify the 20 degree position on the Flap Position Indicators, Control Panel Placards and Control Stand Detent Lightplate or Placard. Please note any differences below.

\_\_\_\_\_

\_\_\_\_\_

16. List the engine models as follows:

Position No. 1 Model No. \_\_\_\_\_

Position No. 2 Model No. \_\_\_\_\_

Position No. 3 Model No. \_\_\_\_\_

17. Is your aircraft Post Service Bulletin No. SB27-178? Yes \_\_\_\_\_ No \_\_\_\_\_

18. Is your aircraft Post Service Bulletin No. SB31-0056? Yes \_\_\_\_\_ No \_\_\_\_\_

19. Please provide a hard copy or scanned legible copy via e-mail of the following Aircraft Flight Manual pages:

- A. AFM Title Page
- B. AFM Log of Pages (all)
- C. AFM Appendix Pages (all)
- D. AFM Section 1 Certification Limitation Pages (all)
- E. AFM Weight and Balance Pages

20. Please provide a hard copy or scanned legible copy via e-mail of the following wiring diagrams:

- A. Mode A/B Aural Warning System
- B. Flap Position Warning (specifically 27-43-01 all)
- C. Take Off/Landing Warning System (specifically 31-26-XX all)
- D. LDG Position Warning-Green Lights (specifically 32-64-01 all)
- E. LDG Position Warning-Horn (specifically 32-64-03 all)

21. Have there been ANY CHANGES to the airplane's baseline configuration from Boeing, to the Ground Proximity System (via an STC modification, etc.)?

Yes \_\_\_\_\_ No \_\_\_\_\_

Note: If yes, please provide a hard copy of all Wiring Diagrams and Maintenance Manual changes (Ref. ATA 34).

22. Have there been ANY CHANGES to the airplane's baseline configuration from Boeing to the Auto Pilot System (via STC modification, etc.)?

Yes \_\_\_\_\_ No \_\_\_\_\_

NOTE: If yes, please provide a hard copy of all Wiring Diagrams and Maintenance Manual Changes (Ref. ATA34).

Aircraft S/N \_\_\_\_\_

23. Please provide current Aircraft principle weights:

MRW \_\_\_\_\_ MTOW \_\_\_\_\_

MLW \_\_\_\_\_ MZFW \_\_\_\_\_

24. Is the aircraft currently Stage III noise certified?

Yes \_\_\_\_\_ No \_\_\_\_\_

25. If yes, who is the manufacturer of the hush kit?

Quiet Wing Technologies (DuganAir) \_\_\_\_\_ FedEx \_\_\_\_\_ Raisbeck \_\_\_\_\_

26. Please send the parts identified below to Quiet Wing Technologies for modification for all kit configurations. Our address is indicated on Page 5.

Flap Position Indicators (Inboard and Outboard)  
Flap Detent Lightplate (B727-200 only)

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**Additional Information and Parts Required for Winglet Configurations Only**

27. Please list part number, model number, and position (Capt or F/O) of the current Mach /Airspeed Indicators and Aural Warning Switches:

(Capt) Boeing MASI P/N \_\_\_\_\_ OEM P/N \_\_\_\_\_ S/N \_\_\_\_\_

(1<sup>st</sup> Off) Boeing MASI P/N \_\_\_\_\_ OEM P/N \_\_\_\_\_ S/N \_\_\_\_\_

Aural Warning Switch P/N \_\_\_\_\_ S/N \_\_\_\_\_

Aural Warning Switch P/N \_\_\_\_\_ S/N \_\_\_\_\_

Standby ASI Indicator: If MASI installed in this position in lieu of Airspeed only Indicator, identify:

Boeing MASI P/N \_\_\_\_\_ OEM P/N \_\_\_\_\_ S/N \_\_\_\_\_

For airplanes with individual Mach & Airspeed Indicators installed, identify Standby ASI Indicator:

Boeing MASI P/N \_\_\_\_\_ OEM P/N \_\_\_\_\_ S/N \_\_\_\_\_

28. Navigation Light System.

A. Does the wingtip have strobe lights installed? Yes \_\_\_\_\_ No \_\_\_\_\_

B. If yes, are they dual stacked? Yes \_\_\_\_\_ No \_\_\_\_\_

C. Is the Aft Position Light, incandescent only, or strobe/incandescent? \_\_\_\_\_

D. Are Logo Lights requested? (additional cost, with winglets only)

Yes \_\_\_\_\_ No \_\_\_\_\_

29. Please provide a hard copy or scanned legible copy via e-mail of the following wiring diagrams: Flux Valves; Navigation Lights and MASIs.

In addition to the parts listed on Page 4, please send the additional parts to Quiet Wing Technologies for modification for Winglet Configurations Only.

- Mach Air Speed Indicators (2)      - Mach Air Speed Switches (2)

30. Please forward this Induction Checklist upon completion to:

Joseph Gardner, Quality Manager  
Quiet Wing Technologies, Inc.  
[jcgardner@quietwing.com](mailto:jcgardner@quietwing.com)  
or fax to his attention at 425-451-8606

Please send hard copies of all documents and parts required via Overnight Delivery, Priority 1 to the following address:

Quiet Wing Technologies, Inc.  
12735 Willows Road NE  
Kirkland, WA 98034 USA  
425-451-8565 (t)  
425) 451-8606 (f)  
[www.quietwing.com](http://www.quietwing.com)