

LEGACY 600 BAKER SPEAKER REPLACEMENT/UPGRADE OPTIONS



ALTO
A V I A T I O N

Audio Designed With Your Aircraft In Mind

EMBRAER LEGACY – CABIN AUDIO UPGRADES

ALTO Aviation Offers two cabin audio upgrade options for Embraer Legacy 600 Operators

Option 1 - Legacy 600 operators with obsolete Baker system.
(SN 145365 through SN 14500995*)

- Direct fit compatible solution to include:
 - Adapter bracket to replace existing Baker HF-80 speakers with ALTO ASP-442 mid/high speakers
 - Replace Baker LF-90 Subwoofers with ALTO ASW-514 Subs
 - Replace Baker M1021 Amplifiers with ALTO DA-230DC Amps

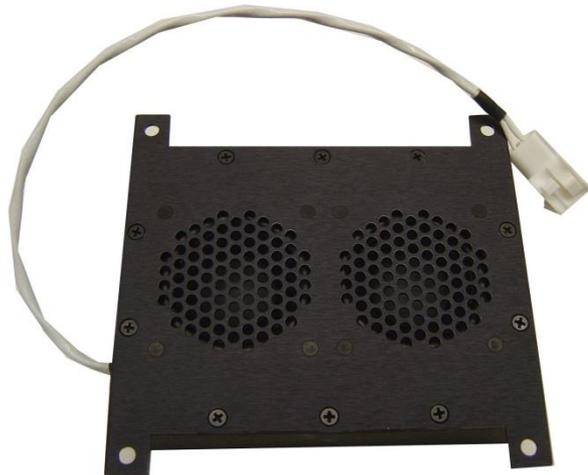
* Existing system configuration must be confirmed prior to placing order.



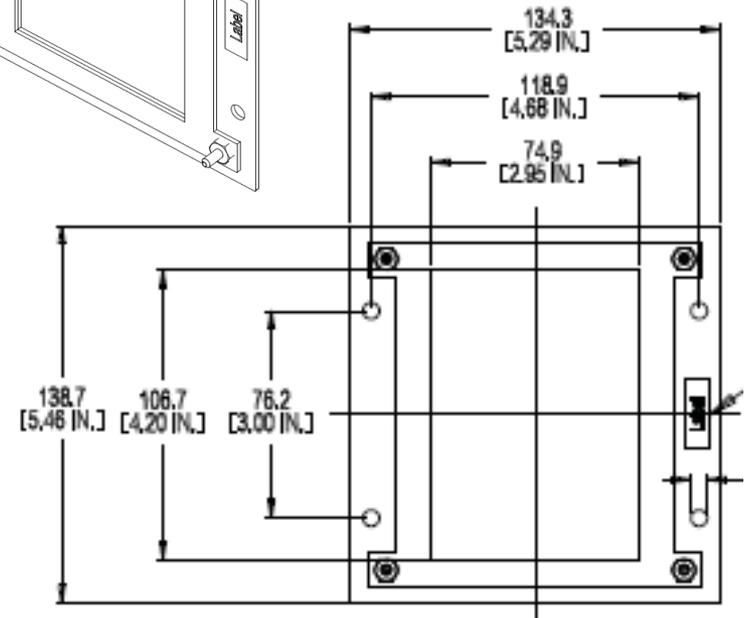
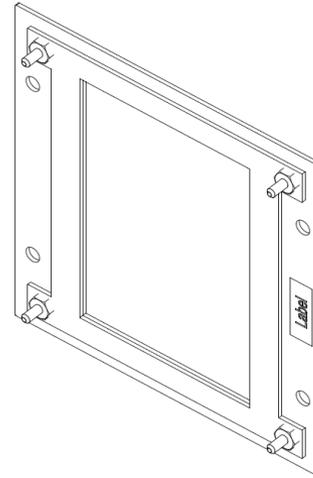
OPTION 1 M/H SPEAKER REPLACEMENT



Baker HF-80

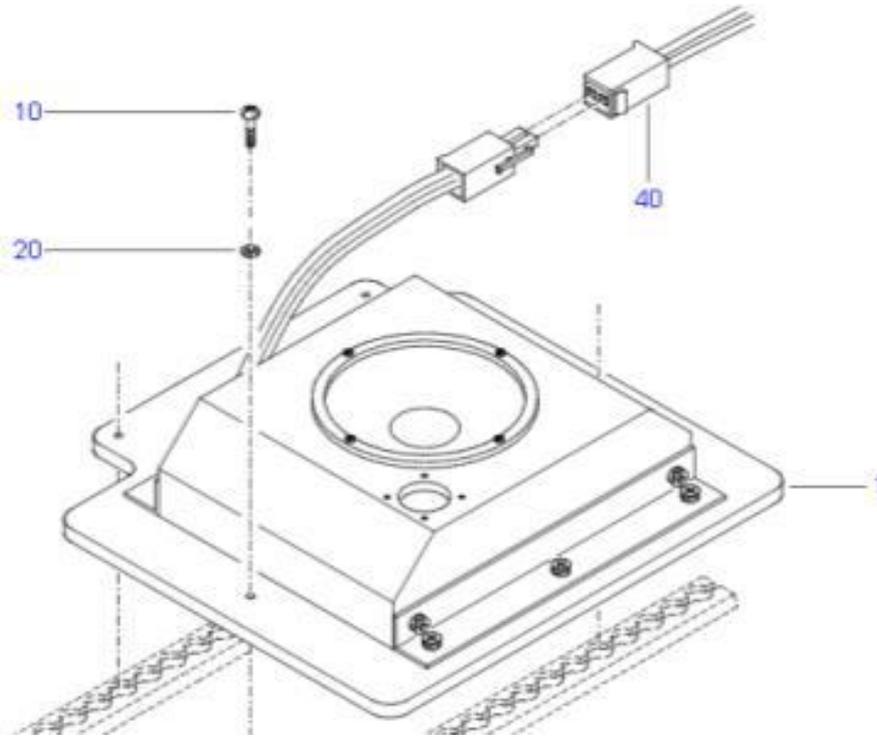


ASP-442

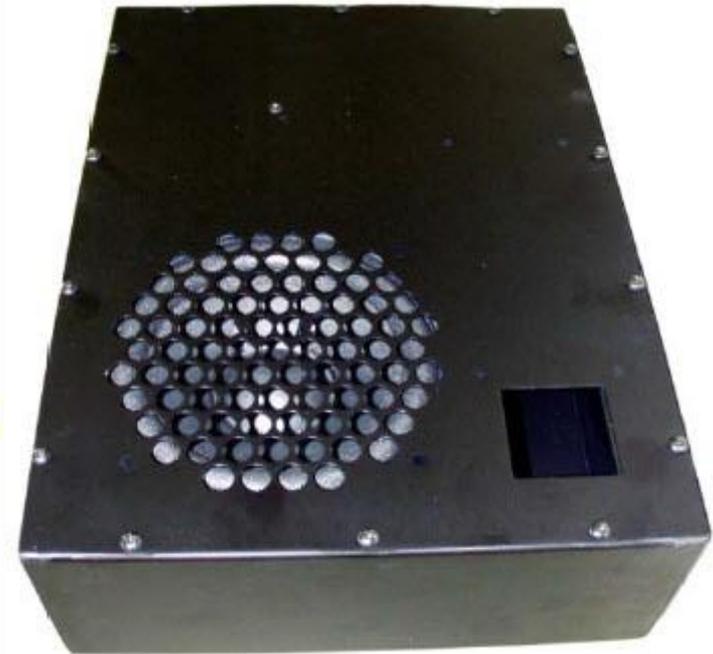


PN 108100

OPTION 1 SUBWOOFER REPLACEMENT



Baker LF-90



ASW-514

BAKER ALTO PRODUCT PART NUMBERS

The part numbers below replace obsolete Baker speakers.

Type	Qty	Old Part Number	New Part Number
Speaker	8	HF-80 5.26" Wx6.5" Hx2.1" D 1.65 lbs.	106508-442-8A0001 ASP-442 0.81 lbs./ea.
Bracket	8		108100 1.8 oz./ea.
Subwoofer	4	LF-90 10.5" Wx14.0" Hx4.29" D 6.0 lbs.	106511-514-4A0001 ASW-514 3.5 lbs./ea.

- The speaker and bracket are assembled during installation.
- The bracket matches the hole pattern of the HF-80.
- No PSU modifications are required.
- New brackets will be required for the ALTO subwoofers.

BAKER ALTO PRODUCT PART NUMBERS

The part numbers below replace obsolete Baker amplifiers.

Type	Qty	Old Part Number	New Part Number
Amps	2	M1021 5.5"Wx7.54"Lx2.0"H 2.3 lbs	106500-0230-00010 5.4"Wx10.1"Lx3.0"H 3.4 lbs

Total Weight of Old Baker System = 41.80 lbs.
Total Weight of New ALTO System = 28.18 lbs.
Savings = 13.62 lbs.

LEGACY 600 AUDIO UPGRADE - OPTION 2

Option 2 – For Legacy 600 operators with existing ALTO analog amplifiers (SN 14500997 and above *).

- Upgrade to a high performance digital audio system.
 - Replace existing ALTO analog amplifier with a new fit compatible DA-230DC digital amplifier.
 - Interface new digital amplifier to existing ALTO speakers.
 - New digital amplifier will be configured with custom EQ settings for the Legacy 600.
 - Existing speaker wiring to remain in place.

* Existing system configuration must be confirmed prior to placing order.



LEGACY 600 AUDIO UPGRADE SUMMARY



- **Baker System Upgrade**

- ALTO mid/high speakers are direct replacements.
- ALTO subwoofers fit into the same profile as Baker subs with new mounting brackets.
- Speaker mating connectors to be changed. Existing wiring will remain intact.
- 50 Ohm loading resistors are required at the new ALTO amp mating connectors.
- New mating connectors required for ALTO amps
- Depending on space constraints, the new ALTO amps may fit in the same locations as the former M1021 Baker amps.

LEGACY 600 AUDIO UPGRADE SUMMARY



- **ALTO Digital Upgrade**

- Existing ALTO mid/high speakers remain
- Existing ALTO subwoofers remain
- Existing wiring will remain in place
- **New mating connectors required for ALTO amps**
- New ALTO digital amplifiers mount in the same location as the ALTO analog amps and will line up with the same mounting holes.

LEGACY 600 AUDIO UPGRADE SUMMARY



- Great revenue opportunity with minimal changes to the current CMS/IFE system and cabin configuration.
- ALTO will guarantee a 2 week or less production lead time for all components related to this upgrade to facilitate quick installations and/or accommodate drop-in customers.
- Cabin will be tuned to match interior characteristics and optimize performance.
- The ALTO digital audio upgrade solution provides a quick upsell opportunity during inspections and minimal downtime visits.

LEGACY 600 REPLACEMENT OPTION



ALTO Aviation welcomes the opportunity to provide these replacements and system upgrade to Embraer for the Legacy 600 platform.

Call us today!

Steve Lord, Senior Technical Sales Manager

slord@altoaviation.com

(978) 868-6798

