

Pegasus Aeromarine Inc. 360.379.2484

PRE-KITTED AIRCRAFT ACOUSTIC INSULATION SYSTEMS

RV-10 Acoustic Insulation Systems

[< Home](#) [< Pre-cut Kit Acoustic Insulation Systems](#)

One of Pegasus Aeromarine Inc.'s specialties is acoustic insulation kits for light aircraft insulation. We offer pre-cut kits for several models of light aircraft, including the RV-10.

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Three levels of acoustic treatment are available. Level 3 provides basic coverage and Level 1 offers the most insulation. Kits may be purchased as an entire package for an aircraft or as individual subkits for one or more sections. If you purchase the acoustic insulation subkits individually, you can mix and match them as your budget and needs dictate. For example, you can select an acoustic level 2 subkit for the sidewalls and an acoustic level 1 subkit for the firewall. Optional IZIT™ Leather covers are available for most sections, as appropriate.

RV-10 Complete Kits

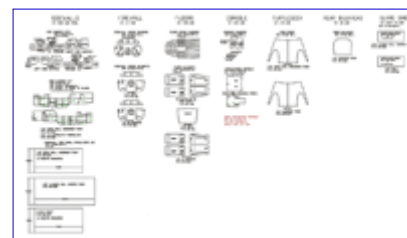
PART #	DESCRIPTION	WITHOUT OPTIONS		WITH OPTIONS	
		PRICE	EST. WEIGHT	PRICE	EST. WEIGHT
RV10-L-1	Acoustic Level 1:	\$3,747.90	32.16	\$4,880.03	37.10
RV10-L-2	Acoustic Level 2:	\$2,704.17	17.63	\$3,078.10	19.70
RV10-L-3	Acoustic Level 3:	\$1,545.97	9.31	\$1,919.90	10.79

Complete kit **RV10-L-1** is for those requiring very high levels of acoustic performance. Every part of the aircraft receives treatment to reduce noise in a well balanced group of sub-kits that treat very aggressively the noisiest parts of the aircraft. The complete kit without options does not include any IZIT™ leather covers. The complete kit with options includes IZIT™ leather covers for all the appropriate sections. See the table below for [details on subkits](#).

Complete kit **RV10-L-2** has many of the benefits of the highest acoustic performance kit (RV10-L-1) but is slightly lighter both in the aircraft and on your pocketbook. The firewall and floor is still very aggressively treated. The complete kit without options does not include any IZIT™ leather covers. The complete kit with options includes IZIT™ leather covers for the turtledeck and the glare shield. See the table below for [details on subkits](#).

Complete kit **RV10-L-3** gives great thermal performance for those long cross country flights, and is better than many, if not most other basic insulation kits available. The complete kit without options does not include any IZIT™ leather covers. The complete kit with options includes IZIT™ leather covers for the turtledeck, rear bulkhead, and

[DIAGRAMS OF COMPLETE KITS](#)



RV10-L-1



RV10-L-2



RV10-L-3

the glare shield. See the table below for [details on subkits](#).

- If you are interested in a detailed list of all the subkits included in one of the complete kits, simply read down one of the columns.
- All the subkits with check marks in column 1 are included in the RV10-L-1 system, all subkits with check marks in column 2 are included in the RV10-L-2 system, and all subkits with check marks in column 3 are included in the RV10-L-3 system.
- The optional subkits with IZIT™ leather covers are clearly indicated by "option" in the appropriate columns.
- Some subkits are components for more than one complete system.
- A diagram with an overview of the components in each individual subkit is available for almost all the subkits by clicking on the name of the subkit.

You may purchase your pre-cut acoustic insulation for the RV10 aircraft as a system by selecting one of the complete packages, or a-la-carte, as subkits for one or more individual sections. Additional [notes](#) are on the bottom of this page.

RV-10 Subkits (priced individually)

RV-10 SIDEWALL TREATMENTS

RV10-FS-1 **\$489.56** [Sidewall Dampers](#)
est. wt.: 4.51 lbs Damper, (low altitude, moderate temp.)

RV10-FS-2 **\$813.88** [Sidewall Blankets](#) (2 layers glass)
est. wt.: 2.86 lbs 1/2" AA Microlite Fiberglass, .6 lb
 1/2" Open Cell Absorber Foam
 Heat Sealable Film
 Adhesive Backed Hook, Black
 Adhesive Backed Loop, Black

RV10-STP-1 **\$443.79** [Sidewall Trim Panel Upholstery](#)
est. wt.: 7.6 lbs 1/8" Closed Cell Damper Foam, PSA
 1/8" Open Cell Absorber Foam
 Kydex Sheet
 Adhesive Backed Hook, Black
 Adhesive Backed Loop, Black

Optional Complete Sidewall, replaces RV10-STP-1

RV10-STP-2 **\$968.57** [Sidewall Trim Panel Upholstery](#)
est. wt.: 9.75 lbs 1/8" Closed Cell Damper Foam, PSA
 1/8" Open Cell Absorber Foam
 IZIT™ Leather ([color as ordered](#))
 Kydex Sheet
 Adhesive Backed Hook, Black
 Adhesive Backed Loop, Black

ACOUSTIC LEVEL		
1	2	3
✓	✓	
✓	✓	✓
✓		

option

ACOUSTIC LEVEL		
1	2	3
✓	✓	✓

RV-10 FIREWALL TREATMENTS

RV10-FWI-1 **\$146.94** [Inside Firewall Dampers](#)

	<i>est. wt.:</i> 1.43 lbs	Damper, (low altitude, moderate temp.)	✓		
RV10-FWI-2	\$301.67	Inside Firewall Blankets			
	<i>est. wt.:</i> 3.48 lbs	1/4" Felt .40 lb Barrier Adhesive Backed Hook, Black Adhesive Backed Loop, Black			
RV10-FWI-3	\$271.74	Inside Firewall Blankets		✓	
	<i>est. wt.:</i> 1.88 lbs	1/8" Felt .20 lb Barrier Adhesive Backed Hook, Black Adhesive Backed Loop, Black			

<i>Optional External Firewall Blanket</i>					
RV10-FWL-COVER	\$599.17	Firewall Kit			option
	<i>est. wt.:</i> 1.62 lbs	Complete Metalized Glass Fabric and Ceramic Firewall			

RV-10 FLOOR TREATMENTS

RV10-CPF-1	\$163.19	Floor Damper	✓		
	<i>est. wt.:</i> 1.84 lbs	Damper, (low altitude, moderate temp.)			
RV10-CPF-2	\$495.28	Cockpit Floor and Baggage	✓		
	<i>est. wt.:</i> 6.1 lbs	1/4" Felt 1/8" Felt .20 lb Barrier Adhesive Backed Hook, Black Adhesive Backed Loop, Black			
RV10-CPF-3	\$284.48	Nomex Floor and Baggage		✓	
	<i>est. wt.:</i> 3.19 lbs	1/4" Felt Adhesive Backed Hook, Black Adhesive Backed Loop, Black			
RV10-CPF-4	\$217.40	Nomex Floor and Baggage			✓
	<i>est. wt.:</i> 2.3 lbs	1/4" Felt Adhesive Backed Hook, Black Adhesive Backed Loop, Black			

RV-10 CONSOLE TREATMENTS

RV10-CON-1	\$138.64	Console Damper	✓		
	<i>est. wt.:</i> 0.92 lbs	Damper, (low altitude, moderate temp.)			
RV10-CON-2	\$424.98	Upholstered Console	✓	✓	
	<i>est. wt.:</i> 1.34 lbs	1/8" Closed Cell Damper Foam, PSA 1/8" Open Cell Absorber Foam IZIT™ Leather (color as ordered) Adhesive Backed Hook, Black Adhesive Backed Loop, Black			
RV10-CON-3	\$101.51	Upholstered Console			✓

ACOUSTIC LEVEL		
1	2	3
✓		
✓		
	✓	
		✓
ACOUSTIC LEVEL		
1	2	3
✓		
✓	✓	
		✓

est. wt.: 0.52 lbs

This is an unfinished, no IZIT kit
 1/8" Closed Cell Damper Foam
 1/8" Open Cell Absorber Foam
 Adhesive Backed Hook, Black
 Adhesive Backed Loop, Black

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RV-10 TURTLEDECK TREATMENTS

ACOUSTIC LEVEL		
1	2	3

RV10-TD-1 **\$162.33** [Turtledeck](#)
 est. wt.: 1.74 lbs 1/4" Damping Foam, PSA
 1/8" Open Cell Absorber Foam

✓		
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RV10-TD-2 **\$128.08** [Turtledeck](#)
 est. wt.: 1.65 lbs 1/4" Damping Foam, PSA

	✓	✓
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Optional IZIT™ Leather Cover

RV10-TD-COVER **\$248.75** Turtledeck Cover
 est. wt.: 1.23 lbs IZIT™ Leather ([color as ordered](#))

option option option

ACOUSTIC LEVEL		
1	2	3

RV-10 REAR BULKHEAD TREATMENTS

RV10-RB-1 **\$83.37** [Rear Bulkhead](#)
 est. wt.: 0.34 lbs 1/4" Damping Foam, PSA
 Isolation Tape, PSA 1/16"

✓		
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RV10-RB-2 **\$87.37** [Rear Bulkhead](#)
 est. wt.: 0.2 lbs 1/8" Closed Cell Damper Foam, IV-1 PSA
 Isolation Tape, PSA 1/16"

	✓	✓
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Optional IZIT™ Leather Cover

RV10-RB-COVER **\$125.18** Rear Bulkhead Cover
 est. wt.: .25 lbs IZIT™ Leather ([color as ordered](#))

option option

ACOUSTIC LEVEL		
1	2	3

RV-10 GLARE SHIELD

RV10-GLR-1 **\$84.27** Glare Shield
 est. wt.: 0.72 lbs 1/8" Closed Cell Damper Foam, PSA
 1/8" Felt
 Adhesive Backed Hook, Black
 Adhesive Backed Loop, Black

✓		
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RV10-GLR-2 **\$57.14** Glare Shield
 est. wt.: 0.58 lbs 1/4" Damping Foam, PSA
 Adhesive Backed Hook, Black
 Adhesive Backed Loop, Black

	✓	
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RV10-GLR-3 **\$50.79** Glare Shield
 est. wt.: 0.35 lbs 1/8" Closed Cell Damping Foam, PSA
 Adhesive Backed Hook, Black
 Adhesive Backed Loop, Black

		✓
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Optional IZIT™ Leather Cover

RV10-GLR-COVER **\$78.04** Glare Shield Cover

option option option

est. wt.: .59 lbs

IZIT™ Leather ([color as ordered](#))

NOTES:

All prices shown for Pegasus Aeromarine Inc's Acoustic Insulation Systems for the RV-10 aircraft are in US dollars. Total weights are estimated and are given in US pounds. Sometimes there are small differences between the weights shown on the CAD drawings and the weights shown below. They are arrived at a little differently. In those circumstances the weight shown on the CAD drawing is the most accurate.

Important: Our kits are designed for typical installations. If your aircraft has been modified from the original, that may affect the fit, and you should check your dimensions against the illustrations.

Two subkits may be of particular interest for cosmetics, acoustic, and thermal treatment. The center console ([RV10-CON-2](#)) is known to get warm from the proximity to the exhaust. The console cover will greatly reduce the discomfort coming from this area, plus add a great look to help finish the interior.

The trim panel subkit ([RV10-STP-1](#) or [RV10-STP-2](#)) will improve the acoustic performance by adding a barrier to noise coming from the sidewalls. It also covers the frames of the sides and the insulation. When upholstered to match the center console, it will really dress up your aircraft.

We've provided two levels of simplified diagrams of the components in the RV-10 light aircraft insulation kits to give you an idea of what you are purchasing.

- The [diagrams of complete kits](#) page shows all three levels for RV-10 airplanes. Since, by necessity, those drawings are rather small, and it's hard to see much detail for the individual subkits, we've also provided enlargements for each of the RV-10 light aircraft insulation subkits.
- The subkit diagram enlargements can be accessed either by clicking on the area of interest on one of the full kit diagrams or by clicking on one of the links attached to the subkit titles on this page.
- However, to remove the necessity of flipping back and forth between this page and a subkit diagram page, or between the complete kit diagrams and a subkit diagram, the subkit diagram enlargements come up in a pop-up window. Thus, in order to see the subkit diagrams your browser needs to be configured to permit javascript and at least some pop-ups. Additionally, most Vista users will need to right click on the security warning and "permit active content" to see the enlargements.
- The link to IZIT™ leather color samples uses a regular page, not a pop-up.

— prices and specifications are subject to change without notice —

TOTAL ACOUSTIC **SYSTEMS** UTILIZING DAMPERS, ABSORBERS, BARRIERS, AND ISOLATORS FOR GREATER EFFECTIVENESS THAN ANY SINGLE TREATMENT.

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