CLAIM(S):

1. An air filter comprising

(a) a first porous medium comprising a hydrophobic porous fibrous medium having a first surface and a second surface, and a plurality of apertures having a diameter in the range of from 2 mm to 35 mm in the first porous medium, the plurality of apertures passing through the first and second surfaces; and,

(b) a plurality of second porous media, each second porous medium comprising a hydrophilic porous fibrous medium having a first surface and a second surface, wherein the plurality of second porous media are mounted to the first or second surfaces of the first porous medium, the plurality of second porous media covering the plurality of apertures of the first porous medium.

2. The air filter of claim 1, wherein the plurality of apertures are arranged in a predetermined pattern in the first porous medium.

3. The air filter of claims 1 or 2, having a total surface area, wherein the plurality of apertures have a total hole diameter area in the range of .1% to 15% of the total surface area.

4. The air filter of any one of claims 1-3, comprising a pleated filter having a plurality of pleats, each pleat having a base and a peak, wherein the first porous medium is pleated.

5. The air filter of claim 4, wherein the plurality of apertures are arranged closer to the bases of the plurality of pleats than to the peaks of the plurality of pleats.

6. The air filter of any one of claims 1-5, wherein the plurality of apertures are spaced apart by a distance in the range of from 40 mm to 175 mm.

7. The air filter of any one of claims 1-6, wherein the hydrophobic porous fibrous medium and/or the hydrophilic porous fibrous medium comprise polyester.

8. The air filter of any one of claims 1-7, wherein the plurality of second porous media are fixed on the first surface of the first porous medium.

9. The air filter of any one of claims 1-8, wherein the plurality of second porous media are fixed on the second surface of the first porous medium.

10. An air filter device comprising:

an air filter comprising:

a) a first porous medium comprising a hydrophobic porous fibrous medium having a first surface and a second surface, and a plurality of apertures having a diameter in the range of from 2 mm to 35 mm in the first porous medium, the plurality of apertures passing through the first and second surfaces; and,

(b) a plurality of second porous media, each second porous medium comprising a hydrophilic porous fibrous medium having a first surface and a second surface, wherein the plurality of second porous media are mounted to the first or second surfaces of the first porous medium, the plurality of second porous media covering the plurality of apertures of the first porous medium; and;

a housing, wherein the air filter is arranged in the housing.

11. The air filter of device of claim 10, wherein the first porous medium is pleated.

12. The air filter of device of claim 10 or 11, wherein the air filter is arranged between an upper support frame and a lower support frame, wherein the upper support frame and the lower support frame are mounted to the housing.

13. A method of filtering air passing into an engine of a helicopter, the method comprising passing air through an air filter comprising:

(a) a first porous medium comprising a hydrophobic porous fibrous medium having a first surface and a second surface, and a plurality of apertures having a diameter in the range of from 2 mm to 35 mm in the first porous medium, the plurality of apertures passing through the first and second surfaces; and

(b) a plurality of second porous media, each second porous medium comprising a hydrophilic porous fibrous medium having a first surface and a second surface, wherein the plurality of second porous media are mounted to the first or second surfaces of the first porous medium, the plurality of second porous media covering the plurality of apertures of the first porous medium.

14. The method of claim 13, wherein the air includes water, and the first porous medium continues to allow air to pass through while the plurality of second porous media are contacted by water.

15. The method of claim 13 or 14, wherein the air includes particulate matter, and the air filter reduces passage of the particulate matter therethrough.

16. A method of making an air filter, the method comprising:

(a) providing plurality of apertures in a first porous medium; and

(b) mounting a plurality of second porous media, each second porous medium comprising a hydrophilic porous fibrous medium, wherein the plurality of second porous media cover the plurality of apertures of the first porous medium.