CLAIMS

1. A double-sided noise barrier suitable for ground run-up enclosures characterized by comprising a support structure formed by two side surfaces and provided with a plurality of sound insulating plates; wherein at least one sound insulating plate is mounted in each side surface of the support structure, forming a sound absorbing space ahead of each side surface.

2. The double-sided noise barrier according to claim 1, wherein the sound insulating plates cover the entire side surfaces of the support structure.

3. The double-sided noise barrier according to any of the previous claims, wherein the sound insulating plate comprises an insulator material, preferably consisting of a noise absorbing material.

4. The double-sided noise barrier according to claim 3, wherein the insulator material comprises, preferably consists of, a steel or aluminium casing with a perforated surface and a noise absorbing interior made from a noise absorbing material.

5. The double-sided noise barrier according to any of the previous claims comprising a steel sheet cover.

6. A ground run-up enclosure comprising at least one double-sided noise barrier according to claims 1 to 5 and one jet blast deflector.

7. The ground run-up enclosure according to claim 6, comprising one back barrier and at least one lateral barrier, each of the at least one lateral barrier extending in a direction and arranged in such a way in relation to one of the ends of the back barrier; the angle formed between the lateral barrier and the back barrier is at least 90°; and wherein at least one of the barriers is a double-sided noise barrier.

8. The ground run-up enclosure according to claim 7, comprising one lateral double-sided noise barrier, one lateral barrier and one back barrier.

9. The ground run-up enclosure according to claim 7, comprising two lateral barriers and one back double-sided noise barrier.

10. The ground run-up enclosure according to claim 7, comprising two lateral double-sided noise barriers and one back double-sided noise barrier.

11. The ground run-up enclosure according to any of the previous claims 8 to 10, wherein the angle formed between lateral barriers or lateral double-sided noise barriers and ~~a~~ the back barrier or ~~a~~ the back double-sided noise barrier ~~are~~ is equal.

12. The ground run-up enclosure according to any of the previous claims ~~6~~ 7 ~~or~~ to 11, wherein the angle formed between the~~a~~ lateral barrier or ~~a~~ the lateral double-sided noise barrier and ~~a~~ the back barrier or ~~a~~ the back double-sided noise barrier is within the range of from 95 to 130°.

13. The ground run-up enclosure according to any of the previous claims ~~6~~ 8 and 11 ~~to~~ or 12, wherein the lateral barrier~~s~~ and the back barrier~~s~~ are single-sided noise barriers, comprising sound insulating plates in only one side surface of its support structure, and wherein the sound insulating plate comprises an insulator material, preferably, consisting of a noise absorbing material.

14. The ground run-up enclosure according to claim 13, wherein the insulator material of a back barrier and of the~~a~~ lateral barriers comprises, preferably consists of, a steel or aluminium casing with a perforated surface and a noise absorbing interior made from a noise absorbing material.

15. The ground run-up enclosure according to any of the previous claims 6 to 14, wherein the jet blast deflector is structurally disposed in the space immediately in front of a back barrier or of a back double-sided noise barrier.

16. A ~~GRE~~ ground run-up enclosure (GRE) structure comprised by at least one GRE of claims 6 to 15, wherein:

- a free end of at least one lateral double-sided noise barrier of a GRE is associated with, preferably connected to, an end of a new back barrier or of a new back double-sided noise barrier; or
- at least an end or at least a free end of a back double-sided noise barrier of a GRE is associated with, preferably connected to, an end of a new lateral barrier.

17. ~~A~~ The GRE structure according to claim 16, wherein an additional jet blast deflector is structurally disposed in the space immediately in front of a new back barrier or in front of at least one of the sides of a new back double-sided noise barrier.

18. A GRE structure comprises ~~d by~~ at least one GRE ~~of~~ according to claims 6 to 15, wherein at least one additional jet blast deflector is structurally disposed laterally in relation to each lateral double-sided noise barrier of a GRE, and not having any back barrier or back double-sided noise barrier arranged behind it.

19. A concatenated GRE structure comprised by at least two GREs of claims 6 to 15, wherein the concatenated assembly of GREs is performed by associating, preferably connecting, a free end of a lateral double-sided noise barrier of a GRE with an end or a free end of a back barrier or of a back double-sided noise barrier of another GRE.

20. Use of the double-sided noise barrier of claims 1 to 5 in a ground run-up enclosure.