CLAIMS

1. An emergency vision apparatus for providing an operator in a station visual access to information during a vision-obscuring emergency, comprising:

a) means for providing visual access to an operator to a first source of information, said means including a display; and

b) means for providing input to said display to provide visual access to the operator to a second source of information.

2. An apparatus as in claim 1, wherein said means for providing visual access includes an enclosure having a flexible support biased to expand said enclosure to its expanded form and adapted to be collapsible when said first enclosure is collapsed to its compact stowed form.

3. An apparatus as in claim 2, wherein said enclosure includes a front panel angled to fit against a windshield.

4. An apparatus as in claim 1, wherein said means for providing input includes a camera operably connected to said display.

5. An apparatus as in claim 4, wherein said camera is wirelessly connected to said display.

6. An apparatus as in claim 1, wherein:

a) said means for providing visual access includes an L-shaped enclosure having a horizontal portion and a vertical portion; and

b) said display is associated with said vertical portion.

7. An apparatus as in claim 1, wherein:

a) said means for providing visual access includes an enclosure having a pocket; and

b) said display is disposed within said pocket.

8. An apparatus as in claim 1, wherein:

a) said means for providing visual access includes an enclosure; and

b) said display is disposed within said enclosure.

9. An apparatus as in claim 1, wherein said means for providing visual access includes an inflatable enclosure.

10. An apparatus as in claim 1, wherein:

a) said means for providing input includes an enclosure and a camera operably associated with said enclosure; and

b) said enclosure is movable to selected parts of the second source of information.

11. An emergency vision apparatus for providing an aircraft pilot in a cockpit visual access to information

during a vision-obscuring emergency, comprising:

a) an expandable first enclosure filled with clear air, said first enclosure having front and rear transparent panels to allow a pilot visual access through said first enclosure to the outside of a cockpit through a windshield;

b) a display operably associated with said first enclosure to be visible to the pilot through said first enclosure rear panel; and

c) means for providing flight information input to said display.

12. An apparatus as in claim 11, wherein said means for providing flight information includes an aircraft flight information system operably connected to said display.

13. An apparatus as in claim 11, wherein:

a) said means for providing flight information includes an expandable second enclosure filled with clear air, said second enclosure having a rear panel and a transparent front panel for being disposed in proximity to a second source of information;

b) a camera disposed at said rear panel of said second enclosure, said camera being directed toward said front panel to image an instrument panel through said second enclosure front panel; and

c) said display is operably connected to said camera.

14. An apparatus as in claim 11, wherein said display is disposed within said first enclosure.

15. An apparatus as in claim 14, wherein:

a) said first enclosure includes a pocket; and

b) said first display is disposed within said pocket.

16. An apparatus as in claim 13, wherein said display is wirelessly connected to said camera.

17. An apparatus as in claim 11, wherein:

a) said first enclosure is L-shaped having a horizontal portion and a vertical portion; and

b) said display is associated with said vertical portion.

18. An apparatus as in claim 11, wherein said first enclosure front panel is angled to fit against a windshield.

Claims

1. An emergency vision apparatus for providing an operator in a station visual access to information during a vision-obscuring emergency, comprising:

a) means for providing visual access to an operator to a first source of information; and

b) movable means for providing input to said means for providing visual access to provide visual access to the operator to a second source of information.

2. An apparatus as in claim 1, wherein said means for providing visual access includes an enclosure having a flexible support biased to expand said enclosure to its expanded form and adapted to be collapsible when said first enclosure is collapsed to its compact stowed form.

3. An apparatus as in claim 2, wherein said enclosure includes a front panel angled to fit against a windshield.

4. An apparatus as in claim 1, wherein said movable means for providing input includes a camera operably connected to a display.

5. An apparatus as in claim 4, wherein said camera is wirelessly connected to said display.

6. An apparatus as in claim 4, wherein:

a) said means for providing visual access includes an L-shaped enclosure having a horizontal portion

and a vertical portion; and

b) said display is associated with said vertical portion.

7. An apparatus as in claim 4, wherein:

a) said means for providing visual access includes an enclosure having a pocket; and

b) said display is disposed within said pocket.

8. An apparatus as in claim 4, wherein:

a) said means for providing visual access includes an enclosure; and

b) said display is disposed within said enclosure.

9. An apparatus as in claim 1, wherein said means for providing visual access includes an inflatable enclosure.

10. An apparatus as in claim 1, wherein:

a) said movable means for providing input includes an enclosure and a camera operably associated with said enclosure; and

b) said enclosure is movable to selected parts of the second source of information.

11. An emergency vision apparatus for providing an aircraft pilot in a cockpit visual access to information during a vision-obscuring emergency, comprising:

a) an expandable first enclosure filled with clear air, said first enclosure having front and rear

transparent panels to allow a pilot visual access through said first enclosure to the outside of a cockpit through a windshield;

b) said enclosure is L-shaped having a horizontal portion disposed to provide visual access to the pilot through the windshield and a vertical portion;

c) a display carried by said enclosure, said display is associated with said vertical portion, said display is visible to the pilot through said rear transparent panel; and

d) means for providing flight information input to said display.

12. An apparatus as in claim 11, wherein said means for providing flight information includes an aircraft flight information system operably connected to said display.

13. An apparatus as in claim 11, wherein:

a) said means for providing flight information includes an expandable second enclosure filled with clear air, said second enclosure having a rear panel and a transparent front panel for being disposed in proximity to a second source of information;

b) a camera disposed at said rear panel of said second enclosure, said camera being directed toward said front panel to image an instrument panel through said

second enclosure front panel; and

c) said display is operably connected to said camera.

14. An apparatus as in claim 11, wherein said display is disposed within said first enclosure.

15. An apparatus as in claim 14, wherein:

a) said first enclosure includes a pocket; and

b) said display is disposed within said pocket.

16. An apparatus as in claim 13, wherein said display is wirelessly connected to said camera.

17. An apparatus as in claim 11, wherein:

a) said first enclosure is L-shaped having a horizontal portion and a vertical portion; and

b) said display is associated with said vertical portion.

18. An apparatus as in claim 11, wherein said first enclosure front panel is angled to fit against a windshield.