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(54) **SYSTEM AND METHOD FOR MONITORING PASSENGER OXYGEN SATURATION LEVELS AND ESTIMATING OXYGEN USAGE REQUIREMENTS**

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(57) **ABSTRACT**

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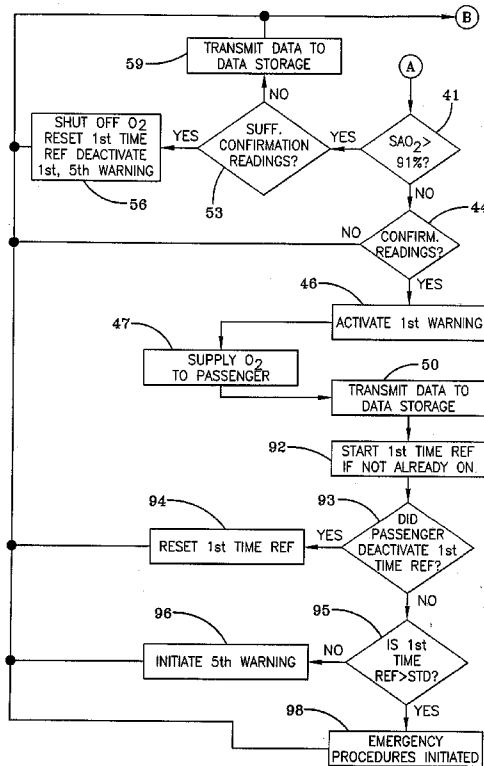
A device performs oxygen flight planning calculations for estimating oxygen usage. The device includes a storage device, an input device for inputting a known flight parameter value into the storage device, and an output device for outputting the known flight parameter value input by the input device. A logic device is configured to control the storage device, the input device, the output device and provide to the output device a further flight parameter. A value of the further flight parameter is calculable by the logic device from the known flight parameter value previously input into the storage device. Upon the further flight parameter being selected by use of the input device, the logic device calculates the value of the further flight parameter and provides the value of the further flight parameter to the output device.

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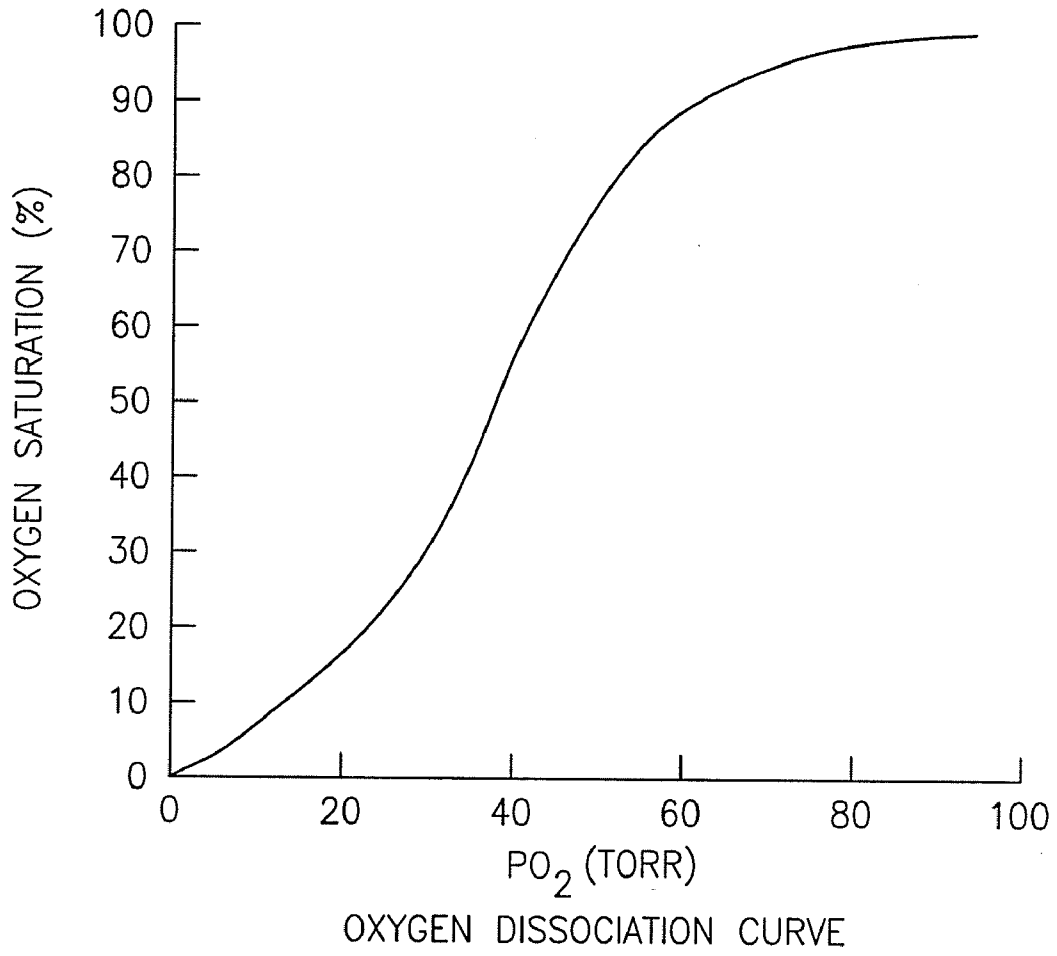


FIG-1

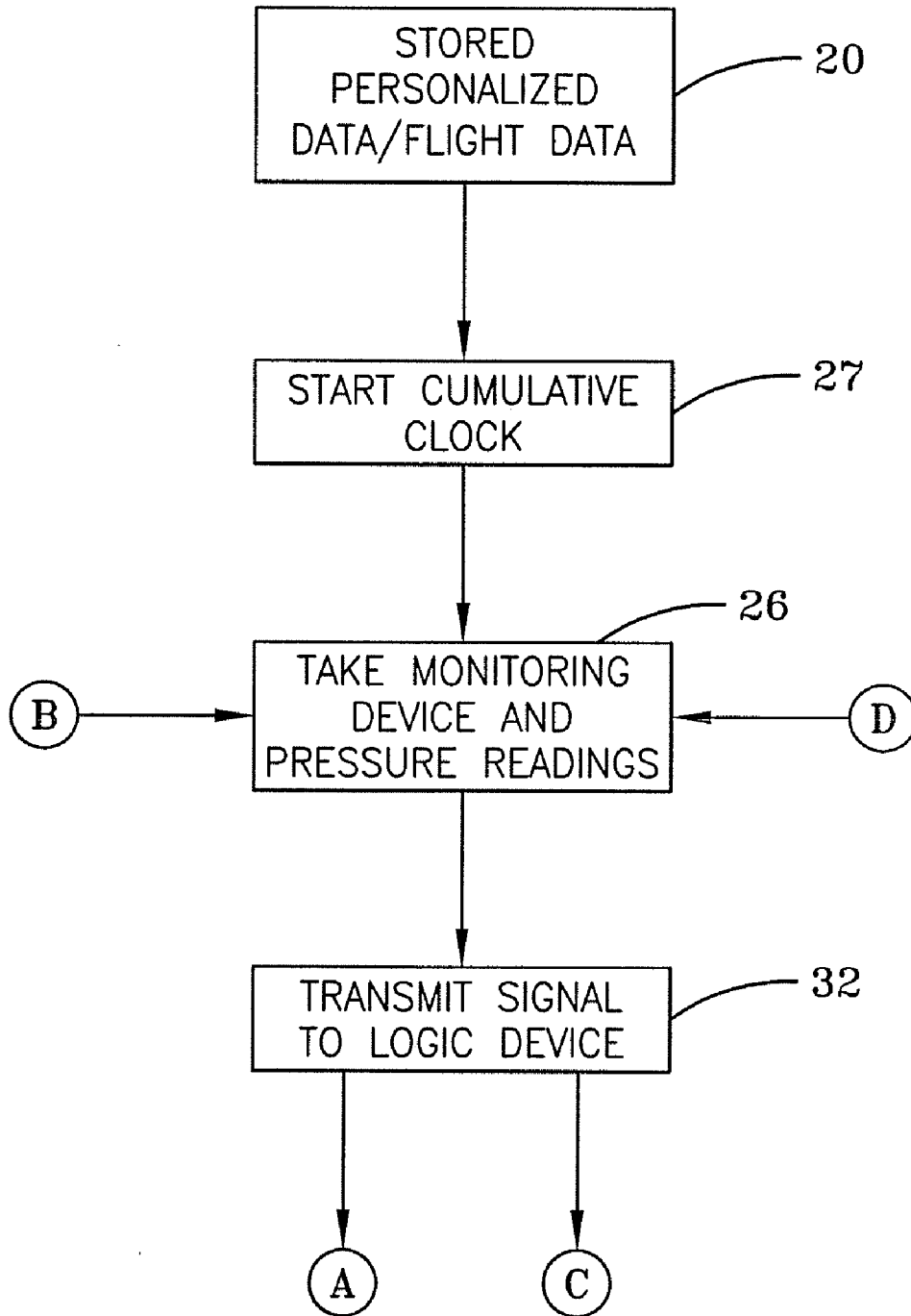
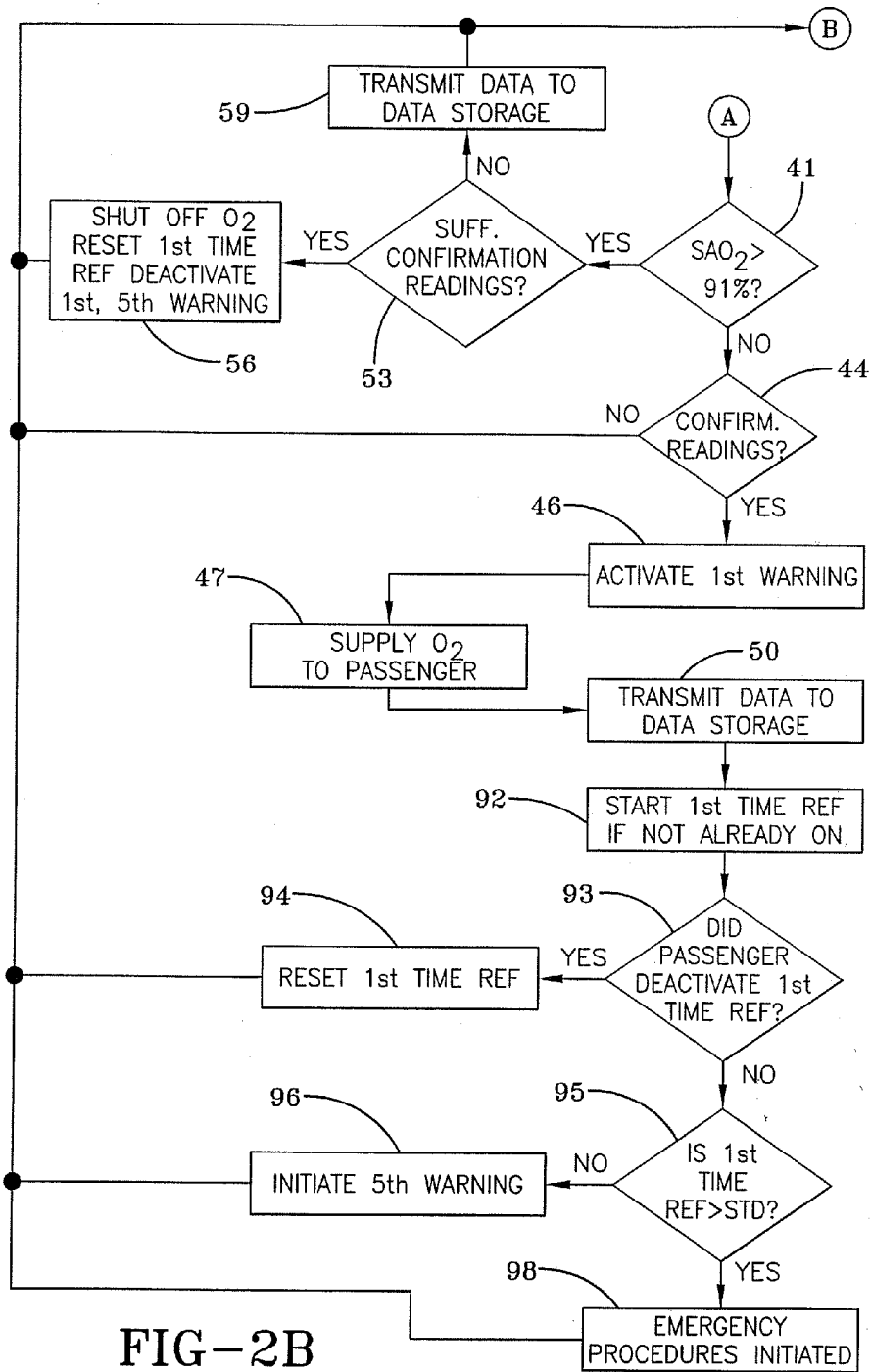


FIG-2A



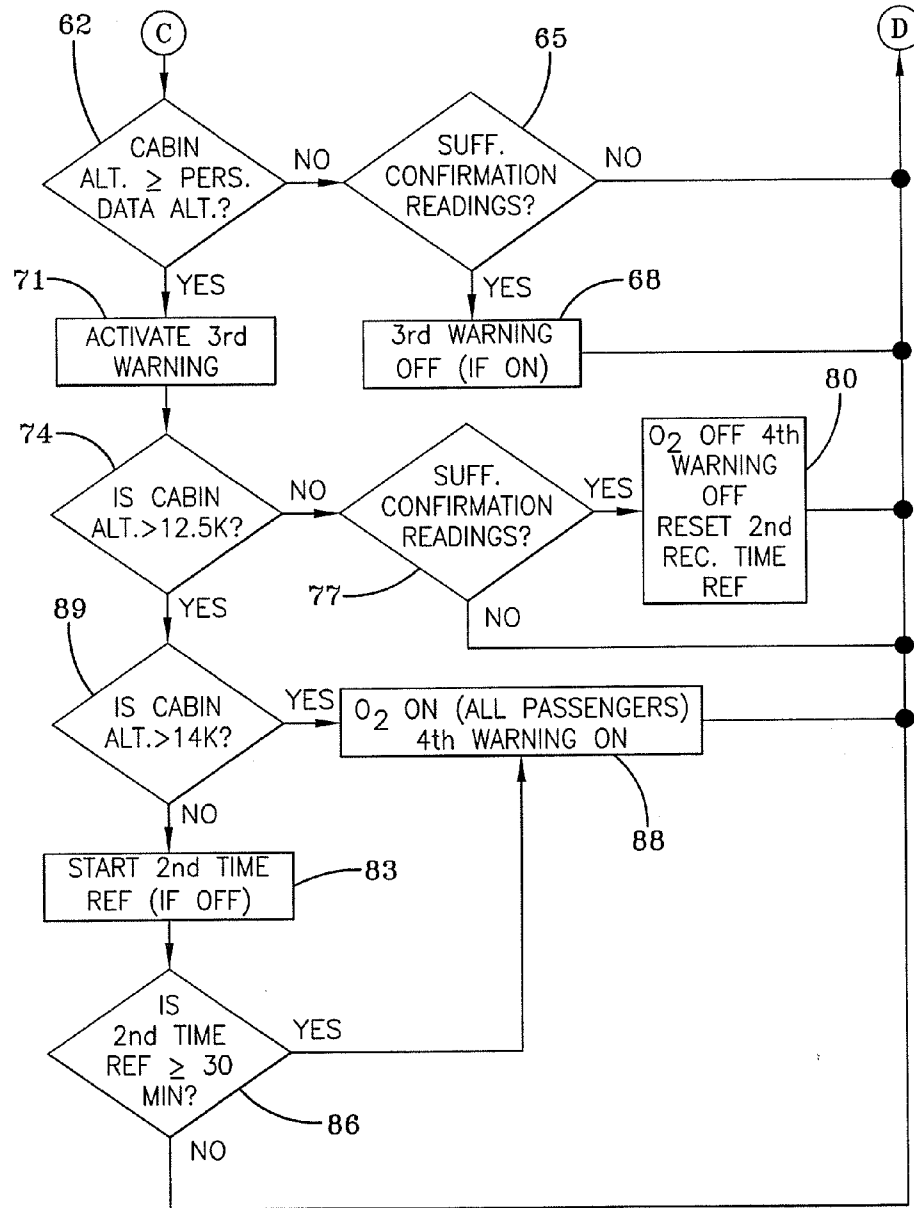


FIG-2C

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