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(54) Title: METHOD AND SYSTEM FOR AUTOMATIC LOGGING OF FLIGHT-HOUR DATA OF COMPONENTS IN AIRCRAFTS

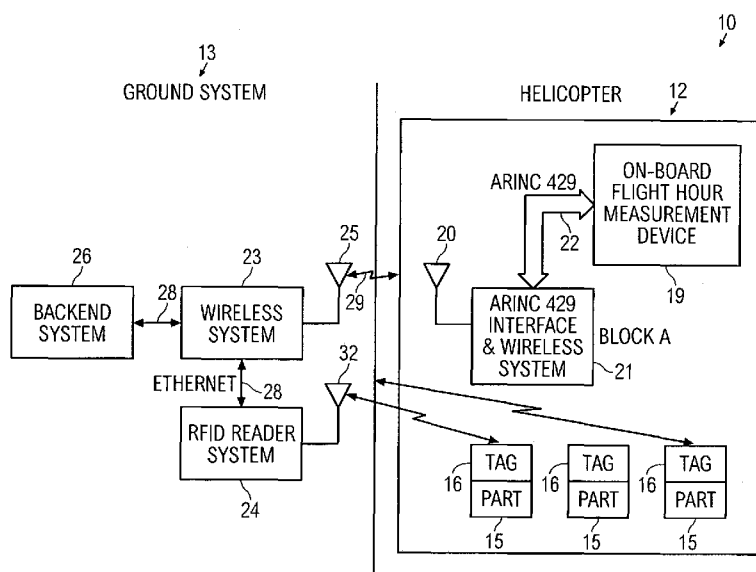


FIG. 1

(57) Abstract: The application provides a component flight-hour updating module (10) of an aircraft. The module comprises at least one Radio Frequency Identifier (RFID) tag (16; 54) being attached to at least one component (15) and a component flight-hour updating device. The RFID tag (16; 54) stores component flight-hour information. The component flight-hour updating device (21) comprises an RFID antenna, a first port, a memory unit, a processor unit, and a second port. The RFID antenna is communicatively connected to the RFID tag (16; 54) to retrieve the component flight-hour information. The first port is for communicatively connecting to an onboard flight-hour measurement device to retrieve aircraft flight-hour information. The memory unit stores the component flight-hour information and the aircraft flight-hour information. The processor unit determines updated component flight-hour information using the stored component flight-hour information and the stored aircraft flight-hour information. The RFID antenna also stores the updated

component flight-hour information in the RFID tag (16; 54). The second port is communicatively connected to a device for displaying the at least one updated component flight-hour information.



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