WHAT IS CLAIMED IS:

1. A method for reporting flight path information, applied to an unmanned aerial vehicle (UAV) operating in a fixed mode, wherein UAV has a planned flight path, and the method comprises ~~and comprising~~:

determining content of the flight path information of the UAV, wherein the content comprises ~~at least one of the following:~~at least comprises a path positioning point of the UAV, and further comprises at least one of following: a flight speed of the UAV, a flight altitude of the UAV, a reporting time of the flight path information of the UAV, or a position and altitude of the UAV when the flight path information of the UAV is reported; and

reporting the flight path information of the UAV to a base station by radio resource control (RRC) signalling.

2. The method according to claim 1, wherein the content further comprises an indicating bit for indicating whether transmission of the flight path information of the UAV is completed, and the method further comprises:

sending part of the flight path information related to the base station to the base station, in response to that a transmission data amount of the flight path information of the UAV calculated according to the indicating bit is greater than a preset threshold value.

3. The method according to claim 1, wherein the RRC signalling comprises UE assistance information signalling or UE information response signalling.

4. A method for determining information, applied to a base station and comprising:

receiving flight path information of an unmanned aerial vehicle (UAV) reported by the UAV, wherein content of the flight path information of the UAV ~~comprises at least one of the following:~~at least comprises a path positioning point of the UAV, and further comprises at least one of following: a flight speed of the UAV, a flight altitude of the UAV, a reporting time of the flight path information of the UAV, or a position and altitude of the UAV when the flight path information of the UAV is reported, the UAV is operating in a fixed mode, and the UAV has a

planned flight path; and

determining flight-related information according to the flight path information of the UAV, wherein the flight-related information comprises at least one of: a flight path of the UAV, an identification of a serving base station to which the UAV is to be handed over, or a handover duration.

5. The method according to claim 4, wherein under a situation that the content of the flight path information of the UAV comprises the path positioning point of the UAV, the determining the flight-related information according to the flight path information of the UAV comprises:

determining the flight path of the UAV according to the flight path information of the UAV.

6. The method according to claim 4, wherein under a situation that the content of the flight path information of the UAV comprises the flight speed of the UAV, and the position and altitude of the UAV when the flight path information of the UAV is reported, the determining the flight-related information according to the flight path information of the UAV comprises:

determining the identification of the serving base station to which the UAV is to be handed over and the handover duration according to the flight path information of the UAV.

7. The method according to claim 4, wherein under a situation that the content of the flight path information of the UAV comprises the flight altitude of the UAV, the determining the flight-related information according to the flight path information of the UAV comprises:

determining the identification of the serving base station to which the UAV is to be handed over according to the flight path information of the UAV.

8. The method according to claim 4, wherein under a situation that the content of the flight path information of the UAV comprises the flight speed of the UAV, the reporting time, and the position of the UAV when the flight path information of the UAV is reported, the determining the flight-related information according to the flight path

information of the UAV comprises:

determining a flight path after the UAV reports the flight path information of the UAV, according to the flight path information of the UAV.

9. An apparatus for reporting flight path information, applied to an unmanned aerial vehicle (UAV) operating in a fixed mode, wherein the UAV has a planned flight path, and the apparatus comprises ~~and comprising~~:

a determining module, configured to determine content of the flight path information of the UAV, wherein the content ~~comprises at least one of the following:~~at least comprises a path positioning point of the UAV, and further comprises at least one of following: a flight speed of the UAV, a flight altitude of the UAV, a reporting time of the flight path information of the UAV, or a position and altitude of the UAV when the flight path information of the UAV is reported; and

a reporting module, configured to report the flight path information of the UAV determined by the determining module to a base station by radio resource control (RRC) signalling.

10. The apparatus according to claim 9, wherein the content further comprises an indicating bit for indicating whether transmission of the flight path information of the UAV is completed, and the apparatus further comprises:

a sending module, configured to send part of the flight path information related to the base station to the base station, in response to that a transmission data amount of the flight path information of the UAV calculated according to the indicating bit is greater than a preset threshold value.

11. The apparatus according to claim 9, wherein the RRC signalling comprises UE assistance information signalling or UE information response signalling.

12. An apparatus for determining information, applied to a base station and comprising:

a receiving module, configured to receive flight path information of an unmanned aerial vehicle (UAV) reported by the UAV, wherein content of the flight path information of the UAV ~~comprises at least one of the following:~~at least

comprises a path positioning point of the UAV, and further comprises at least one of following: a flight speed of the UAV, a flight altitude of the UAV, a reporting time of the flight path information of the UAV, or a position and altitude of the UAV when the flight path information of the UAV is reported, the UAV is operating in a fixed mode, and the UAV flies in a planned flight path; and

an information determining module, configured to determine flight-related information according to the flight path information of the UAV received by the receiving module, wherein the flight-related information comprises at least one of a flight path of the UAV, an identification of a serving base station to which the UAV is to be handed over, or a handover duration.

13. The apparatus according to claim 12, wherein under a situation that the content of the flight path information of the UAV comprises the path positioning point of the UAV, the information determining module comprises:

a first determining submodule, configured to determine the flight path of the UAV according to the flight path information of the UAV.

14. The apparatus according to claim 12, wherein under a situation that the content of the flight path information of the UAV comprises the flight speed of the UAV, and the position and altitude of the UAV when the flight path information of the UAV is reported, the information determining module comprises:

a second determining submodule, configured to determine the identification of the serving base station to which the UAV is to be handed over and the handover duration according to the flight path information of the UAV.

15. The apparatus according to claim 12, wherein under a situation that the content of the flight path information of the UAV comprises the flight altitude of the UAV, the information determining module comprises:

a third determining submodule, configured to determine the identification of the serving base station to which the UAV is to be handed over according to the flight path information of the UAV.

16. The apparatus according to claim 12, wherein under a situation that the content of

the flight path information of the UAV comprises the flight speed of the UAV, the reporting time, and the position of the UAV when the flight path information of the UAV is reported, the information determining module comprises:

a fourth determining submodule, configured to determine a flight path after the UAV reports the flight path information of the UAV, according to the flight path information of the UAV.

17. An unmanned aerial vehicle (UAV), comprising:

a processor; and

a memory for storing instructions executable by the processor;

wherein the processor is configured to:

determine content of the flight path information of the UAV, wherein the content ~~comprises at least one of the following:~~at least comprises a path positioning point of the UAV, and further comprises at least one of following: a flight speed of the UAV, a flight altitude of the UAV, a reporting time of the flight path information of the UAV, or a position and altitude of the UAV when the flight path information of the UAV is reported, the UAV is operating in a fixed mode, and the UAV flies in a planned flight path; and

report the flight path information of the UAV to a base station by radio resource control (RRC) signalling.

18. A base station, comprising:

a processor; and

a memory for storing instructions executable by the processor;

wherein the processor is configured to:

receive flight path information of an unmanned aerial vehicle (UAV) reported by the UAV, wherein content of the flight path information of the UAV ~~comprises at least one of the following:~~ at least comprises a path positioning point of the UAV, and further comprises at least one of following: a flight speed of the UAV, a flight altitude of the UAV, a reporting time of the flight path information of the UAV, or a position and altitude of the UAV when the flight path information of the UAV is reported, the UAV is operating in a fixed mode, and the UAV flies in a planned flight path; and

determine flight-related information according to the flight path information of the UAV, wherein the flight-related information comprises at least one of a flight path of the UAV, an identification of a serving base station to which the UAV is to be handed over, or a handover duration.

19. A computer-readable storage medium having computer instructions stored thereon, wherein the computer instruction, when executed by a processor, implement steps of the method for reporting the flight path information according to any of claims 1-3.

20. A computer-readable storage medium having computer instructions stored thereon, wherein the computer instruction, when executed by a processor, implement steps of the method for determining information according to any of claims 4-8.