

Pilot instructions for Visual Docking Guidance System

1. Flight Forecast Information

CZ8119
A320
ETA
13:40

The system will automatically send the flight plan to the device 15 minutes in advance. Flight number, types, estimated time and other information can be displayed on screen.

2. Landing

CZ8119
A320
RLT
13:45

After receiving the landing signal from FIMS, the device starts to activate and enter the self-check.

3. Self-Check Complete

037069
B747
▶▶▶▶▶

After the equipment self-check, wait for the aircraft to be docked. When this interface appears, the aircraft can dock.

4. Capture Aircraft

B757
40.0m
▶▶▶
T
✈
3.7 m/s

Capture the aircraft, display its position in real time, and conduct azimuth guidance and speed monitoring and reminding. When the aircraft is more than 20m from the stop line, the distance accuracy is 1m.

5. Precise Guidance

B757
20.0m
T
✈
1.6 m/s

The equipment shall guide the aircraft accurately within 20m from the stop line, with an accuracy of 0.1m.

6. WAIT

WAIT

If the type detection is abnormal or the aircraft is lost, the guidance display will display WAIT to remind the crew to wait in place; once the abnormality is cleared, the guidance process will resume.

7. STOP

STOP

Remind the crew to stop taxiing immediately.

8. Docking Complete

STOP
OK

The aircraft is docked. After receiving the order, the crew must turn off the engine, anti-collision lights, and release the brakes. The crew places the wheel chocks according to the specifications.

9. Type Verification Failed

ID FAIL
STOP

The system failed to verify the aircraft type, reminding the crew to stop taxiing immediately and wait for instructions from the flight attendant.

10. Obstacle Block

STOP
GATE
BLOCK

If any obstacle is found to block the aircraft's entry, the crew shall be reminded to stop taxiing immediately.

11. Visual Blocking

STOP
VIEW
BLOCK

If the system detects that there is visual blocking in a very close range, the system reminds the crew to stop taxiing immediately.

12. Low Visibility

A320
SLOW

When in the condition that visibility is low due to bad weather, then guidance will not be implemented. Only plane model and SLOW sign will be showed. It is necessary to rely on the flight attendant for guidance.

Notes: Available for Stand Nr.113 and Nr.116.

Changes: New chart.