

	COMMUNICATIONS TAXI AID CAMERA SYSTEM		1.23.25	P 1
			SEQ 100	REV 16

DESCRIPTION

The Taxi Aid Camera System (TACS) is designed to provide pilots with an ample external view of the aircraft in order to facilitate ground maneuvers.

One camera is located under the fuselage, the other on the fin leading edge. On ground, these two cameras provide pictures, which can be displayed on one (or both) PFD(s).

The image is divided into two parts :

- 1/3 (the upper part) shows the belly picture (nose landing gear and its surrounding) ;
- 2/3 shows the fin picture (aircraft seen from the fin leading edge).

On the upper part, fixed dots represent a 6-meter distance from the nose landing gear.

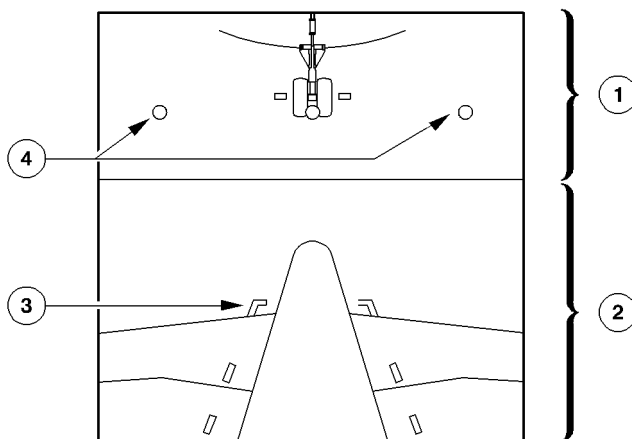
On the lower side, lines materialize the outer edge of the main landing gear and the ground projection of the nose landing gear. This allows positioning the landing gear in relation to the taxiway centerline.

A control panel, located on the pedestal, allows crewmembers to select which screen will display the pictures. When activated, a green "TAXI CAMERA" memo is displayed.

If needed, the crew can use the additional lighting dedicated to the TACS. This function is associated with the RWY TURN OFF & CAMERA switch, located on the EXT LT overhead control panel. These lights are available on ground, when at least one TACS selector is set in the TAXI position.

DISPLAY

FFCS-01-2325-002-A100AA



① BELLY PICTURE

It shows the nose landing gear and its surrounding.

② FIN PICTURE

It shows the aircraft and the position of the landing gear from the fin leading edge.

③ LANDING GEAR POSITION

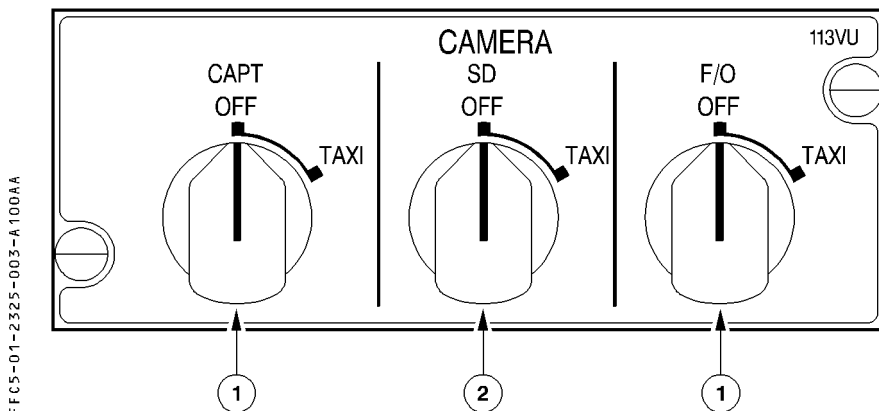
It is displayed in pink. It represents the outer edge of the main landing gear's position, and the ground projection of the nose landing gear.

④ DOTS

They are displayed in pink. The outer dots represent a lateral 6-meter distance from the nose landing gear.

virgin atlantic A340-600 <i>Flight Crew Operating Manual</i>	COMMUNICATIONS TAXI AID CAMERA SYSTEM	1.23.25 P 3	
		SEQ 100	REV 16

CONTROL



① CAPTAIN (FIRST OFFICER) CAMERA selector

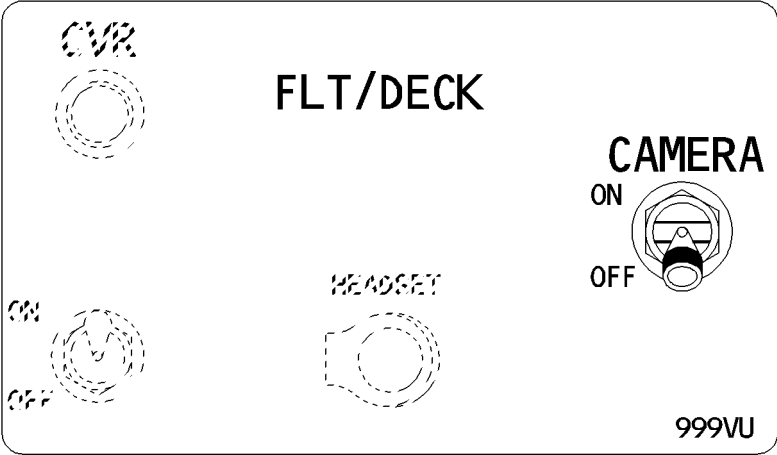
OFF : The Captain's (First Officer) PFD does not display any images.
TAXI : The Captain's (First Officer) PFD displays the two-part image.
The TACS display will be inhibited on the PFDs, once the ground speed is above 60 knots.

② SD CAMERA selector

OFF : The ECAM SD does not display any images.
TAXI : The ECAM SD displays the two-part image.
The video images are displayed on the SD, provided there is no automatic system page call following a warning, and provided there is no manual selection of a system page on the ECAM Control Panel (ECP).

EXTERIOR CONTROL

On the exterior control panel, an ON/OFF CAMERA switch is installed to deactivate the Taxi Aid Camera System. There is no indication in the cockpit to show that the switch is being used.



FFCS-01-2325-004-A100AA