

FLYSIMWARE

— FLY THE VINTAGE SKIES —



C-24-R

Version 1.0

NOTE: The Xbox version will not include the TDS GTN750Xi due to limitations!

NOTE: Some switches, button and knobs should not use the default sim bindings. We include a hardware binding documentation included in our download zip file if you purchased from an online store. If you purchased through the sim marketplace you can get all of our documentation from our main website product page called MSFS PC & Xbox help files.

NOTE: Product support and update information can be found on Flysimware's Discord Community.

To report bugs or find solutions please locate the PRODUCT SUPPORT section!

Discord link.

<https://flysimware.com/website2019/contact/>

Technical Specifications

C-24-R

Exterior

Exterior Height: 8ft 5 inches
Wing Span: 32 ft 9 inches
Length: 25 ft 9 inches

Interior

Cabin Volume: 110 cubic ft
Internal Baggage: 200 lb

Occupancy

Crew: 1
Passengers: 4-6

Operating Weights

Max T/O Weight: 2750 lb
Max Landing Weight: 2500 lb
Operating Weight: 1020 lb
Empty Weight: 1696 lb
Fuel Capacity: 433.68 lb
Payload Useful: 708 lb
Payload W/Full Fuel: 1020 lb
Max Payload: 708 lb

Range

Normal Range: 780 nm
Max Range: 561 nm
Service Ceiling: 14342 ft

Distances

Takeoff Distance: 1860 ft
Balanced Field Length: 1860 ft
Landing Distance: 1320 ft

Performance

Rate of Climb: 891 fpm
Max Speed: 142 kts
Normal Cruise: 131 kts
Economy Cruise: 115-120 kts
Fuel Capacity: 433.68 lb

Power Plant

Engines: 1
Horse Power: 200 hp
Engine Mfg: Lycoming
Engine Model: IO-360-A1B6



INTERIOR

PASSENGERS & LUGGAGE

Rear Door

Floor Storage

INTERIOR

DETAILED INFORMATION

EXTERIOR

AIRCRAFT

Pilot Door

Pilot Door Open

Copilot Door

Copilot door open

Rear Door

Rear Door Open

Cowl Cover

Top Cover

Tail Cover

Ground Power Unit

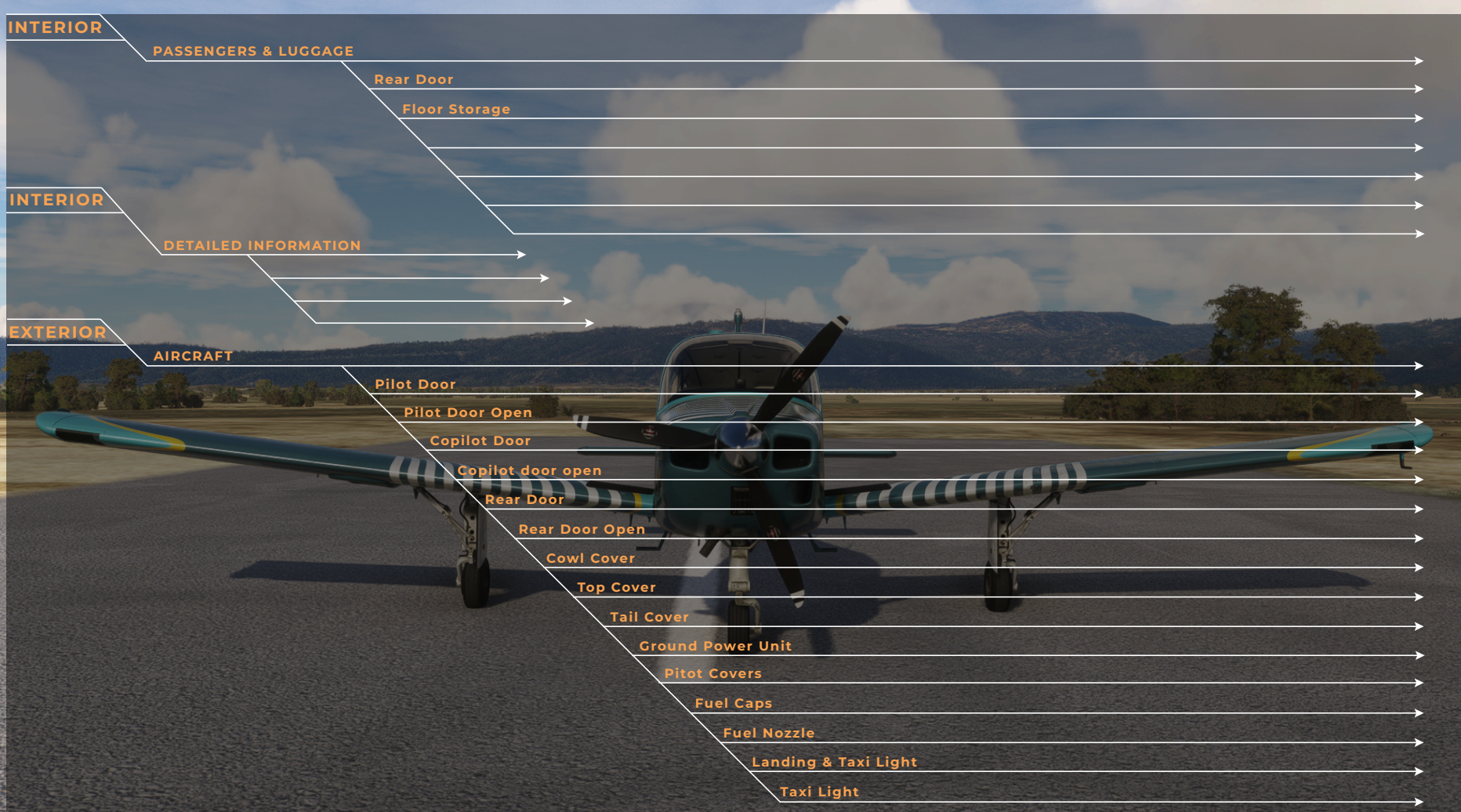
Pitot Covers

Fuel Caps

Fuel Nozzle

Landing & Taxi Light

Taxi Light



EXTERIOR

AIRCRAFT

Navigation & Strobe Light

Beacon & Navigation Light

Chocks

Upper & Lower Engine Cowling

Oil Cover / Cap

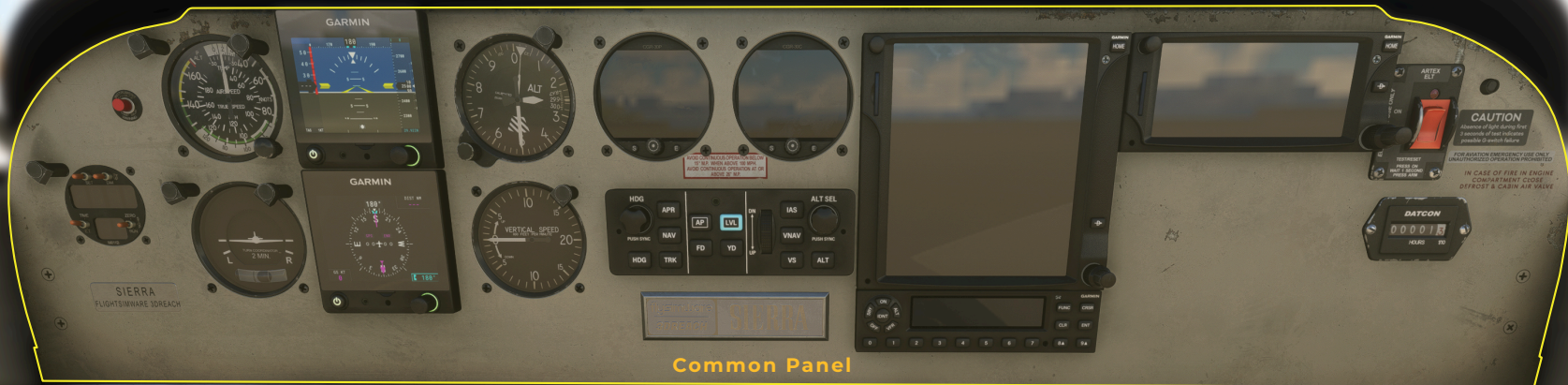
Tiedowns



All Panels



Main Panel



Common Panel



Pilot Lower Panel



Copilot Lower Panel

G3X GNS 530

GARMIN G5

GARMIN

SIERRA
FLIGHTSIMWARE 3DREACH

GARMIN G3X
TOUCH

GARMIN

RESET MENU BACK

GARMIN GNS
530



GARMIN GFC
500

GARMIN GNS
430



GARMIN GMA
340

FLIGHTSIMWARE
3DREACH SIERRA

GARMIN GTX
345

[Click here for detailed info.](#)



G3X TDS GTN 750XI

GARMIN G5

GARMIN G3X
TOUCH

GARMIN GTN
750XI (TDS)

GARMIN GTN
750XI (TDS)

GARMIN GTX
345

[Click here for detailed info.](#)

GARMIN GFC
500



G3X PMS50 GTN 750

GARMIN G5

GARMIN

SIERRA
FLIGHTSIMWARE 3DREACH

GARMIN G3X
TOUCH

GARMIN

RESET MENU BACK

GARMIN GTN
750 (PMS50)

GARMIN GTN
750 (PMS50)

GARMIN GMA
340

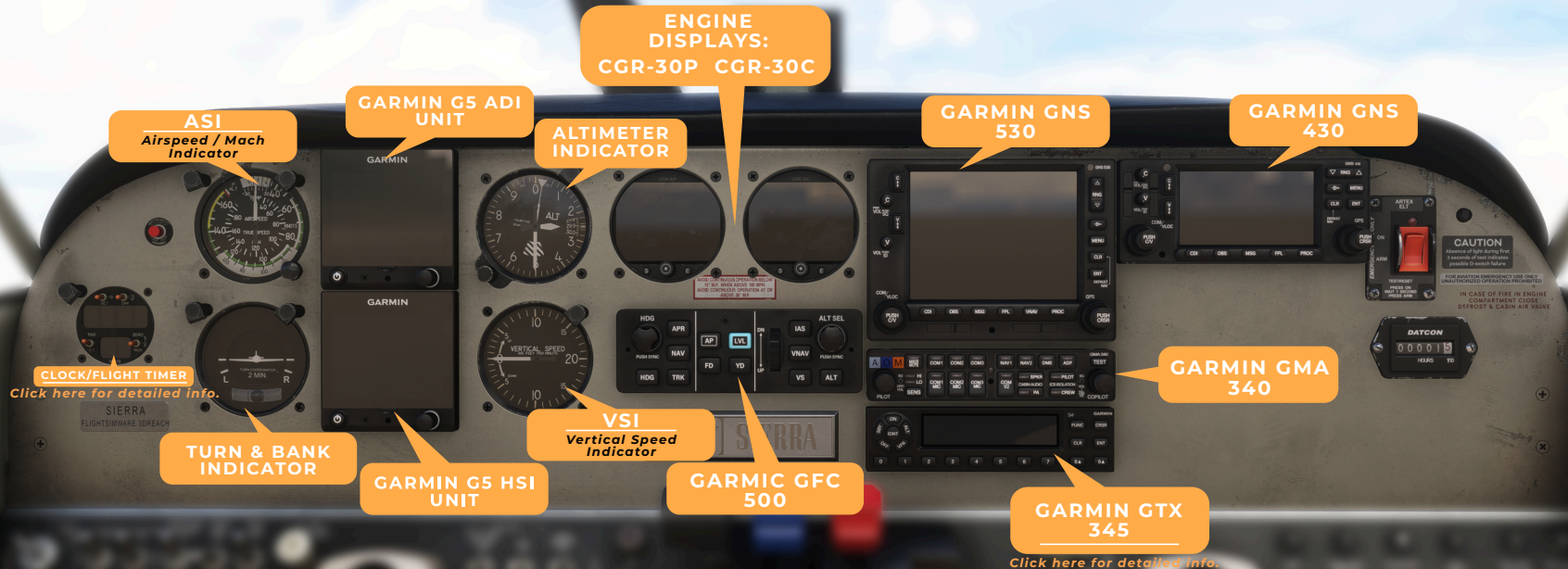
GARMIN GTX
345

GARMIN GFC
500



[Click here for detailed info.](#)

G5 GNS 530



G5 TDS GTN 750XI



G5 PMS50 GTN 750

ENGINE
DISPLAYS:
CGR-30P CGR-30C

ASI
Airspeed / Mach
Indicator

GARMIN G5 ADI
UNIT

ALTIMETER
INDICATOR

GARMIN GTN
750 (PMS50)

GARMIN GNS
650 (PMS50)

CLOCK/FLIGHT TIMER
[Click here for detailed info.](#)

TURN & BANK
INDICATOR

GARMIN G5 HSI
UNIT

VSI
Vertical Speed
Indicator

GARMIC GFC
500

GARMIN GTX
345

[Click here for detailed info.](#)

Common Panel

TAIL NUMBER

SIERRA
FLIGHTSIMWARE 3DREACH

EMERGENCY LOCATOR
TRANSMITTER (ELT)

Press  to set ELT
position to arm or on.

DATCON HOUR METERS



Pilot Lower Panel



Copilot Lower Panel


FLAPS SWITCH
Hold  to position the flaps up / down

110 MPH
UP
FLAPS
DN
MAX
EXTENSION

FLAPS INDICATOR
UP
10°
20°
DN
USE 15° FLAP FOR TAKE OFF


FLAPS INDICATOR

CIRCUIT BREAKERS G5 PANELS

Press  to toggle on/off
Note: All of the circuit breakers are precisely simulated

5 TURN Co-Ord GFC	5 FUEL QTY INST LT	10 STARTER	5 ALT FIELD	5 CGR-30P	5 CGR-30C
8 RADIO GPS 1	8 RADIO GPS 2	2 G5 AI	2 G5 HSI	2 TXDR	5 AUDIO PANEL
50 LDG GEAR MOTOR	10 LDG GEAR	3 ELEC FLAP INDICATOR	15 ELEC FLAP MOTOR	20 LANDING & TAXI	8 AVIONICS

CIRCUIT BREAKERS G3X PANELS

Press  to toggle on/off
Note: All of the circuit breakers are precisely simulated

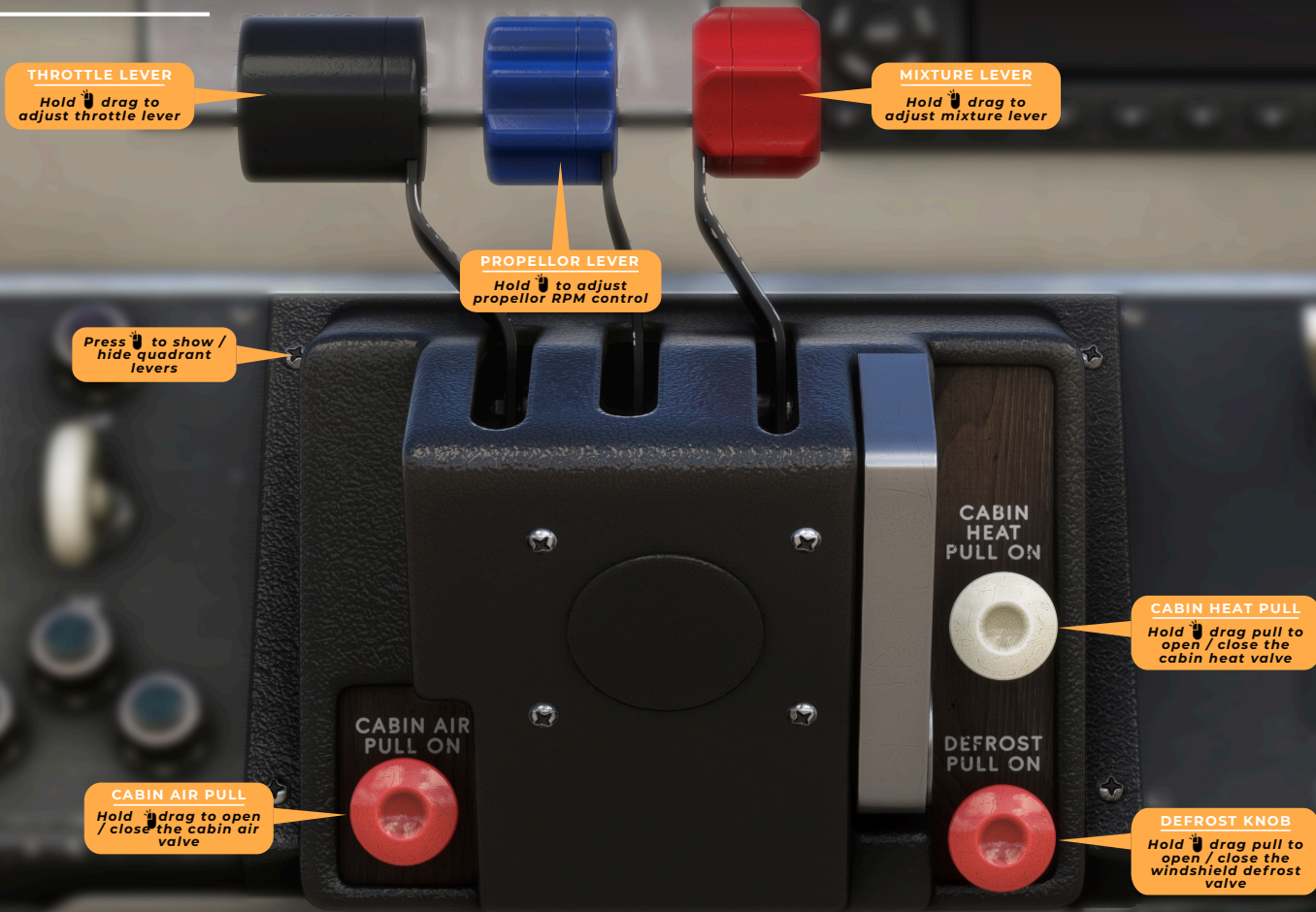
5 GFC	5 FUEL QTY INST LT	10 STARTER	5 ALT FIELD	5 G3X ADC G3X EIS	5 G3X AHRS GDL
8 RADIO GPS 1	8 RADIO GPS 2	2 G5 BACKUP	2 G3X GDU	2 TXDR	5 AUDIO PANEL
50 LDG GEAR MOTOR	10 LDG GEAR	3 ELEC FLAP INDICATOR	15 ELEC FLAP MOTOR	20 LANDING & TAXI	8 AVIONICS

MIC
PHONE

PHONE JACK
Press  to toggle on/off or use headset filter option from the tablet

NOT SIMULATED

Throttle Quadrant



Pedestal



Pilot Yoke



NOT SIMULATED

NOT SIMULATED

PITCH TRIM

Hold  drag up /down
to adjust pitch trim

TRIM
UP DOWN

REMOVE BEFORE FLIGHT

CYGNET AEROSPACE



Click the highlighted area to
hide / unhide the yoke

Click the highlighted area to
unmount the lock pin for yoke


Click the highlighted area to
mount the lock pin for yoke

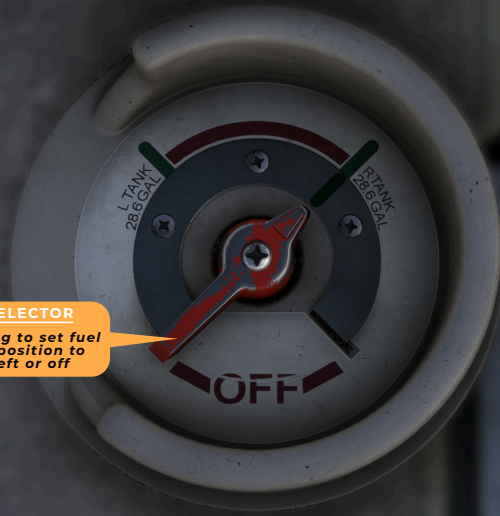
COMPASS



Fuel Selector

FUEL SELECTOR

Hold  drag to set fuel selector position to right, left or off



Emergency Gear Extension Door



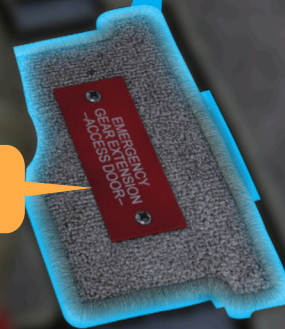
EMERGENCY GEAR
EXTENSION DOOR
OPENED

EMERGENCY GEAR
VALVE

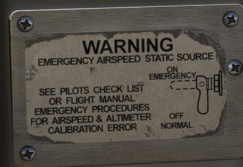
Press  to twist the
wrench to open / close
the hydraulic gear
valve

EMERGENCY GEAR
EXTENSION DOOR

Press  to open
emergency gear
extension door



Emergency Alternate Air



ALTERNATE AIR

Press  to toggle the alternate air emergency source

Pilot & Copilot Door



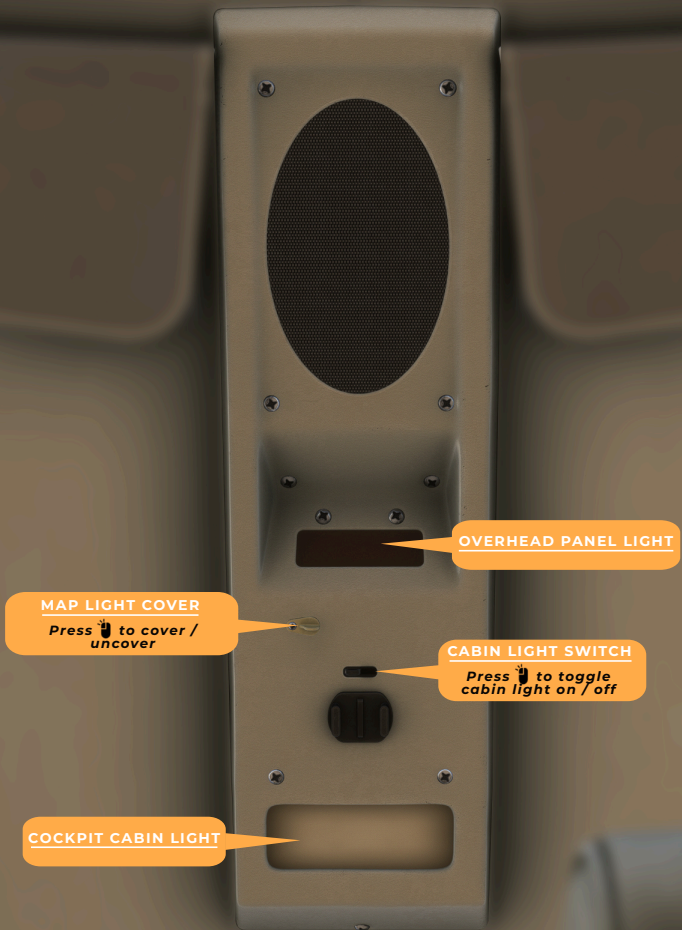
PILOT DOOR HANDLE

Press  to open / close

COPILOT DOOR HANDLE

Press  to open / close

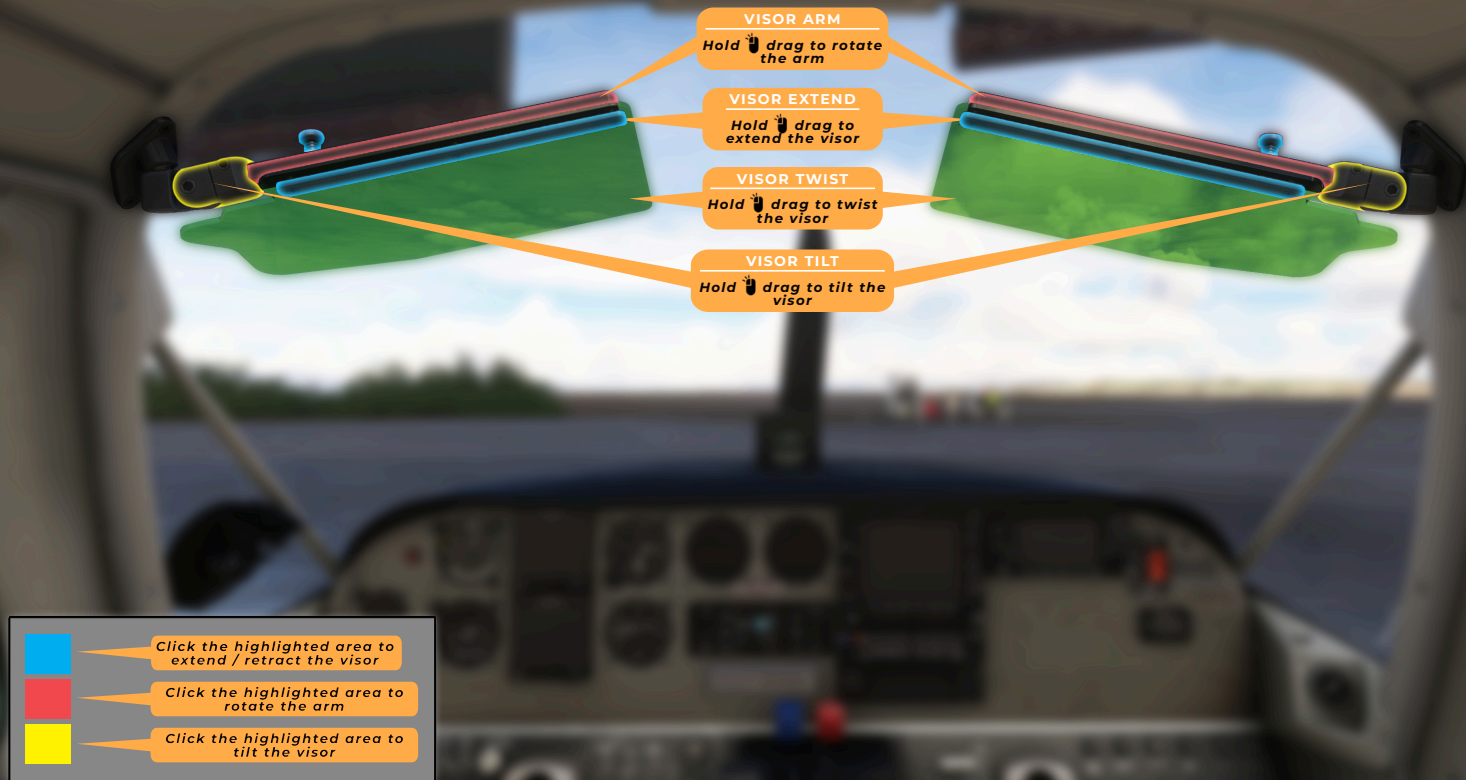
Celing Panel



Sun Visors Type 1



Sun Visors Type 2



Electronic Flight Bag Tablet

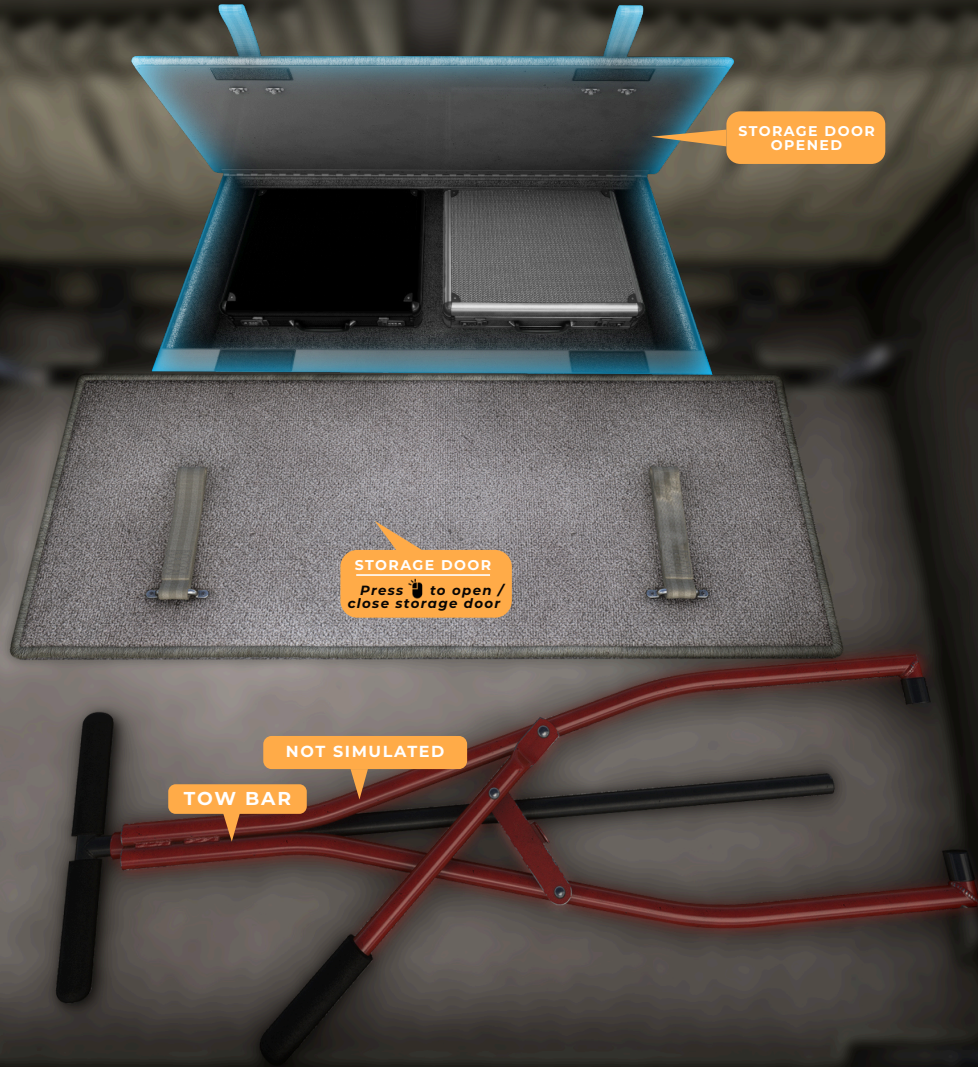


[Click for the detailed info.](#)

Rear Door



Floor Storage



Pilot Door



Pilot Door Open



PILOT DOOR

Use tablet to close
pilot door

Copilot Door

COPILOT DOOR
Use tablet to open
copilot door

Copilot Door Open



COPILOT DOOR

Use tablet to close
copilot door

Rear Door



Rear Door Open

REAR DOOR OPEN
Use tablet to close
rear door

Engine Cover



Top Cover



TOP COVER

Use tablet to put /
remove top cover

Tail Cover



Ground Power Unit



Access this GPU from the EFB Tablet.

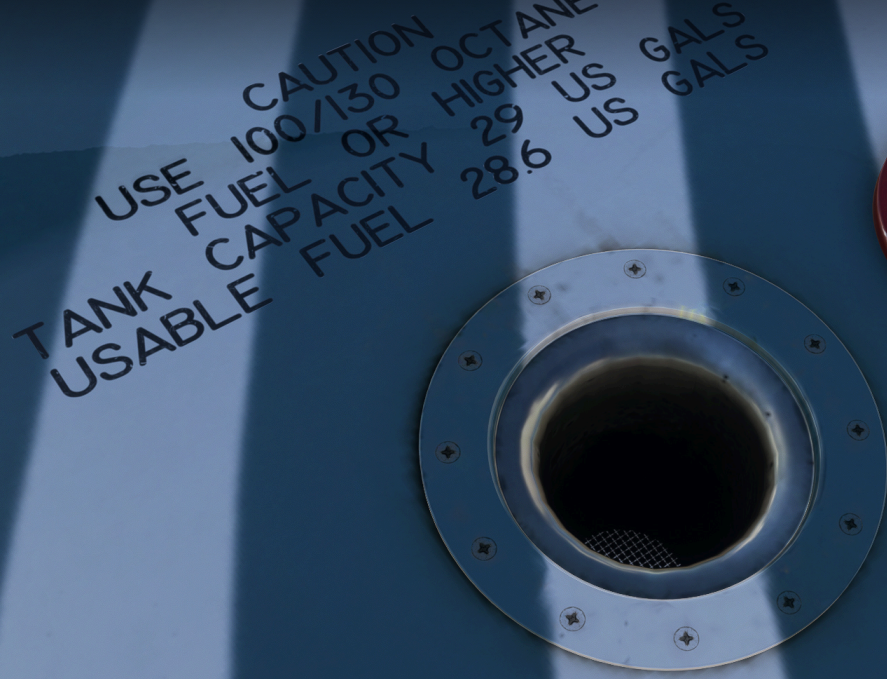
Pitot Cover



L.PITOT COVER
Use tablet to place or
remove



Fuel Cap



Fuel Nozzle

FUEL NOZZLE

Shows when you call the fuel truck from ATC

CAUTION OCTANE
USE 100/130
FUEL OR HIGHER
CAPACITY 29 US
FUEL 28.6 US GAL'S
GAL'S

Request fuel supply services from the ground crew through ATC

Landing & Taxi Light

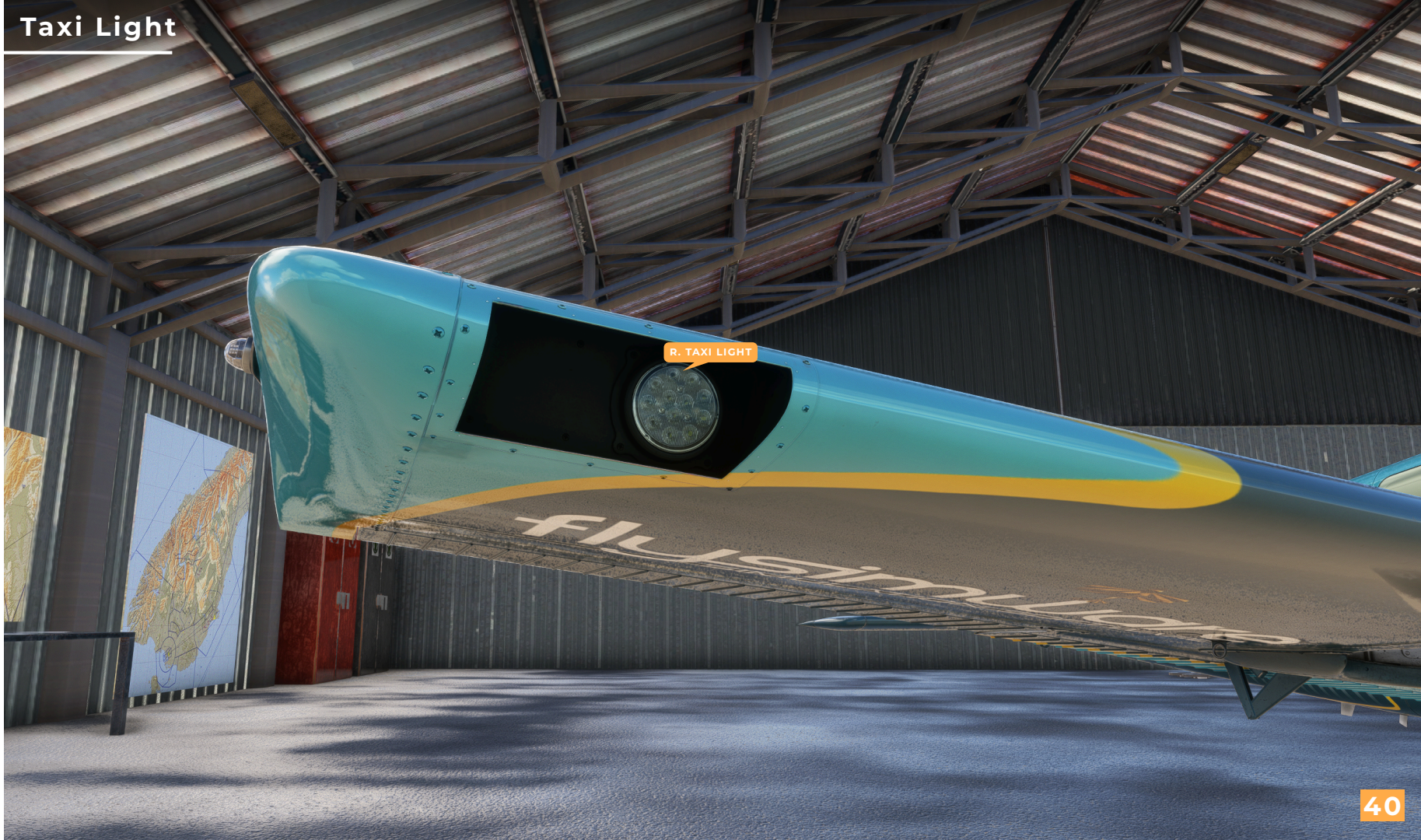


L. TAXI LIGHT

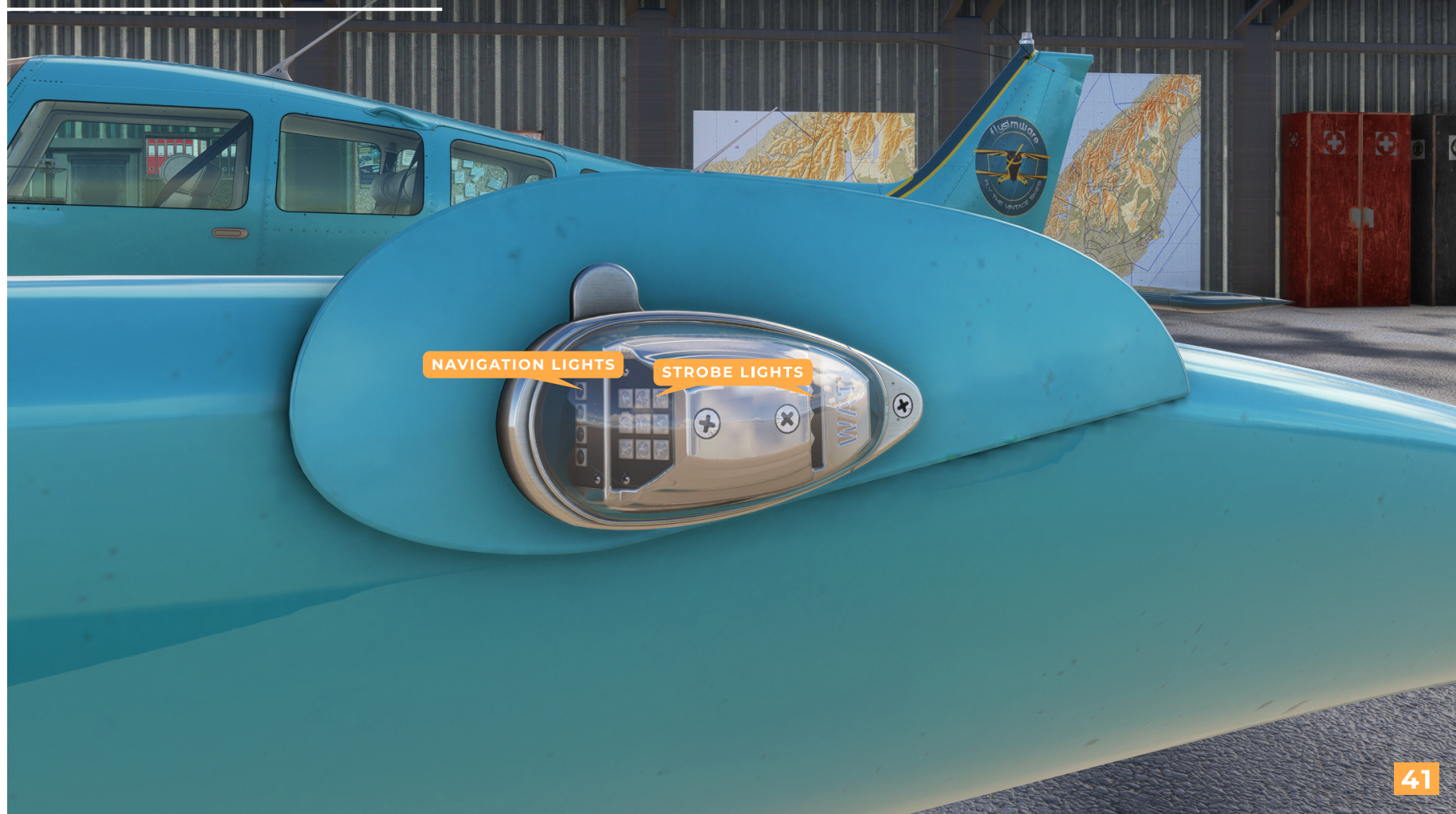
LANDING LIGHT

The landing light on this plane is located only on the left side

Taxi Light



Navigation & Strobe Light



Beacon & Navigation Light



BEACON LIGHT

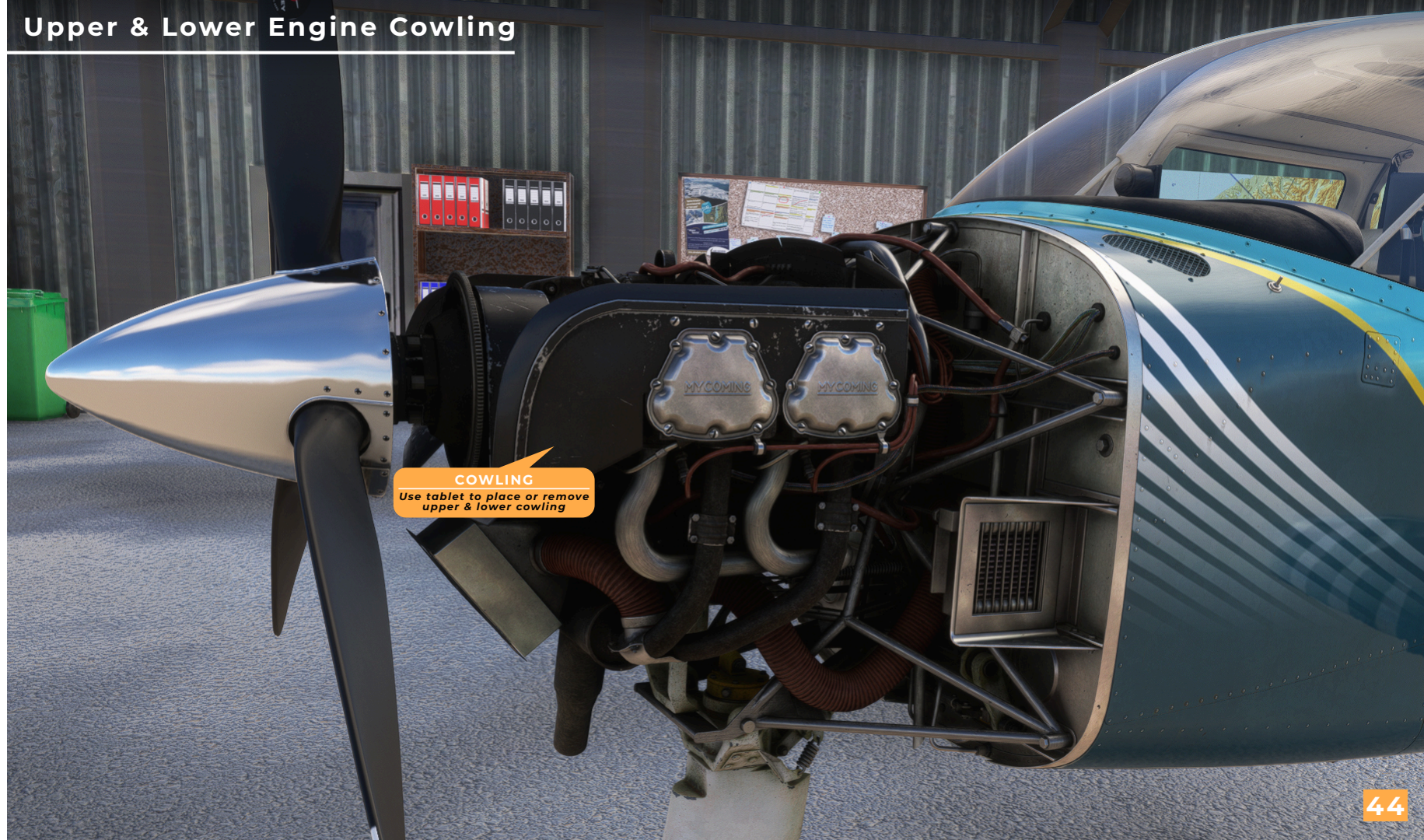
NAVIGATION LIGHT

Chocks



CHOCKS
Use tablet to place or
remove

Upper & Lower Engine Cowling



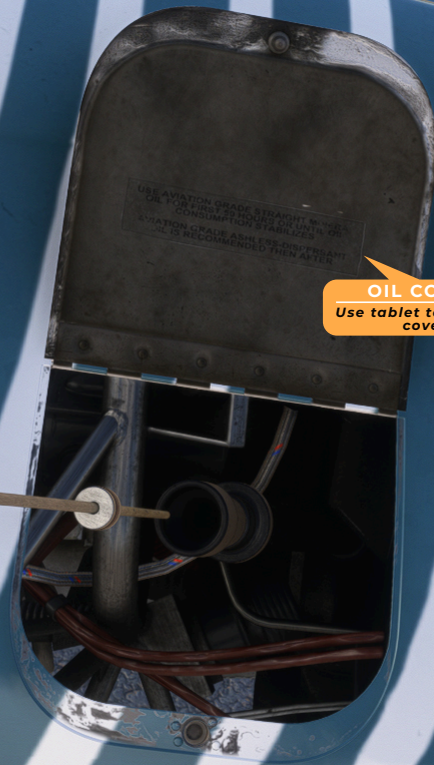
COWLING

Use tablet to place or remove
upper & lower cowling

Oil Cover / Cap



OIL CAP
Use tablet to open oil cap to check the oil level



OIL COVER
Use tablet to open oil cover

Tiedowns



L. TIE DOWN

Use tablet to place or remove

EFB Tablet Detailed Info.

HOTSPOT
Replace battery

HIDE EFB TABLET

Note: Tablet stores to the left side of the pilot. Click the camera again to mount the tablet.

POWER BUTTON

[Return](#)

EFB Tablet Detailed Info.

PARKING MODE

Press the buttons to turn them on/off
Note: Parking modes include a save state

DOORS

Press the buttons to open / close the doors

MAINTENANCE & OTHERS

Press the buttons to turn them on/off

CABIN LIGHTS

Press the buttons to turn lights on/off

What is save state: Upon exiting the flight, the system will save your current position, allowing you to resume from the same point when you return.

Return

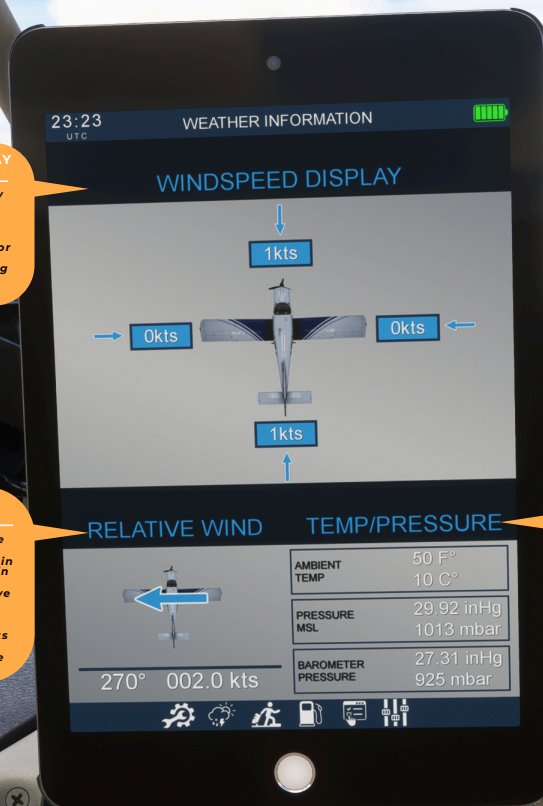
EFB Tablet Detailed Info.

WINDSPEED DISPLAY INFORMATION

The windspeed display provides real-time information on the current wind speed in knots (kts). This information is crucial for monitoring weather conditions and ensuring safe operation of the aircraft.

RELATIVE WIND INFORMATION

The concept of relative wind involves the direction of the airflow in relation to an aircraft in motion. An arrow representing the relative wind direction would rotate to indicate this airflow direction as it varies with the aircraft's orientation and movement through the air.



TEMP/PRESSURE INFORMATION

The Ambient temp. display indicates temperature of air surrounding the aircraft. This is reported in Celsius (°C) or Fahrenheit (°F).

The pressure at mean sea level (MSL) refers to the atmospheric pressure measure at the average sea level. Pressure at MSL is typically measure in units such as inches of mercury (inHg) or millibars (mbar).

The barometer pressure is information is used to set altimeters, which measure the aircraft's altitude above sea level. It is measure in the same units as the pressure at MSL.

EFB Tablet Detailed Info.

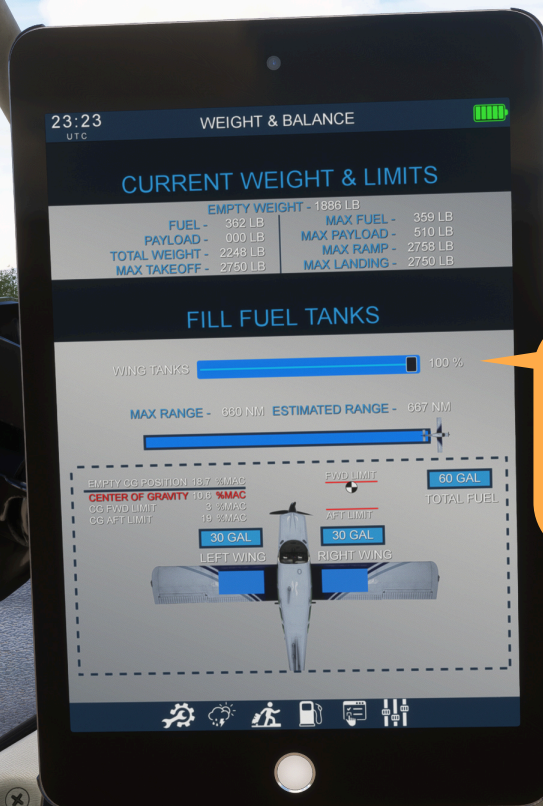


PASSENGER AND BAGGAGE DISPLAY CONTROL

Use the "On/Off" button on the tablet to show or hide the pilot, copilot, passengers, and baggage based on the desired configuration and weight distribution.

[Return](#)

EFB Tablet Detailed Info.



WEIGHT & BALANCE INFORMATION

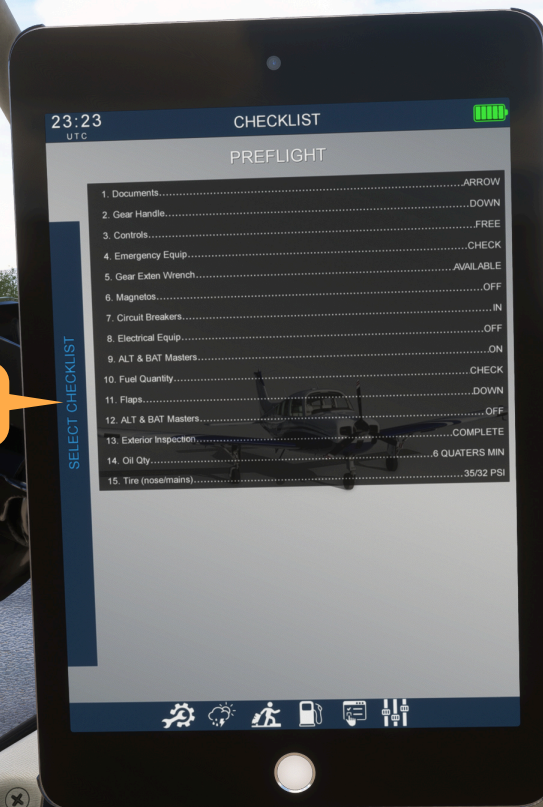
The sliders allow you to adjust the tank levels and display the corresponding weights and limits.

Additionally, the system calculates and shows the distance that can be covered with the available or set fuel in nautical miles (nm). Fuel units are measured in gallons.

You can also change the units from gallons(GAL) to liters(L) and pounds(LBS) to kilograms(KG) in the settings tab.

EFB Tablet Detailed Info.

**SELECT CHECKLIST
OPTION**
Click the 'Select Checklist'
option to prompt the
checklist window to
appear.



EFB Tablet Detailed Info.

CHECKLIST
Carefully select each checklist option to ensure comprehensive inspection and readiness across all Pre-flight, Prestart, Start, Before taxi, Taxi&before takeoff, Runway lineup, After takeoff, Climb, Cruise, Descent, Approach & final, After landing, and Shutdown procedures.



SIERRA
 FLIGHTSIMWARE 3DREACH

Return

EFB Tablet Detailed Info.

Note: The settings panel includes a save state

SOUNDS CONTROL INSTRUCTIONS

You can turn on or off the following sounds:

Disable Trim Clacker
Disable N1/N2 Clackers

Use the corresponding controls to manage these sound settings as needed.

UNITS CONTROL INSTRUCTIONS

"Activate the option to switch the default units to standard/metric."

"Activate the option to switch the time format"

23:48
UTC

SETTINGS



SOUNDS

☐ OFF Tablet Click Sound



OPTIONS

- ☐ ON Payload Sync
- ☐ ON Fuel Save State
- ☐ ON Show Passengers
- ☐ NEW Sun Visor Type



UNITS

- ☐ STD Standard/Metric
- ☐ 12H 12/24 Clock Hours



FUEL

☐ QTY Quantity/Weight

OPTIONS

"Options include payload sync, fuel save state, showing passengers and sun visor type."

FUEL INSTRUCTIONS

"Select the button to convert the fuel units from gallons to pounds."

What is save state: Upon exiting the flight, the system will save your current position, allowing you to resume from the same point when you return.

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EFB Tablet Detailed Info.



[Return](#)

Davtron Clock Detailed Info.

TIME DISPLAY
In hours & minutes

TIME CORRECTION - THREE WAY SWITCH
Makes minor time corrections

BRIGHTNESS & HOUR CHANGE - THREE WAY SWITCH

Left Position: Sets display brightness for day time

Middle Position: Sets display brightness for night time

Right Position: Momentary position that increases the clock time by 1 hour for every time the switch is moved to this position.
Note: Right click toggle the clock mode between 12 or 24 hour format only if the battery switch is off

CHANNEL SELECTOR - THREE WAY SWITCH

Up position: Selects real time. This channel may be set to GMT time or local time. Use time correction and hour change to set GMT or local time. Note: To change clock mode between 12 or 24 hour format, go to the setting page on the tablet

Middle Position: Select flight time

Right Position: Select elapsed time

TIME DISPLAY
In seconds

ELAPSED TIME METER - THREE WAY SWITCH

Up position: Is a momentary position and sets the elapsed time meter to zero. The switch returns to middle position when released. Note: Up position will zero flight time only if both inverters switches are off

Middle Position: Stops the elapsed time meter

Right Position: Starts the elapsed time meter

Return

GTX 345 Transponder

For more detailed information

[Click here to download](#)

(Right click for options to open a new tab)

Garmin GTX 330 Manual PDF

DISCLAIMER: ALTHOUGH THE BEZEL IS A GTX 345 IN THIS PRODUCT

THE CODE IS FROM THE ASOBO GTX 330



[Return](#)