

ISG MOD1.3 Klickspots location for P3d V2.4 for FSX or Klickspot trouble please see below!



1. MCU 2d panel

2. AP Panel 2d panel

3. Speed charts 2d panel

4. EADI EHSI 2d panel

5. TOGA (V1.3)

6. ND control 2d panel (V1.3)

7. STD BARO SET

8. SELECT VS / IAS

9. TCAS on/ off (V1.3)

10. TCAS dim (V1.3)

11. TCAS range select (V1.3)

12. Warning caution 2d panel

13. Radio 2d panel

14. Set CRS hidden Klickspot (V1.3)

15. Set HDG hidden Klickspot


16.FMS, Klickspot in pedestal-> FMS display

12. TOGA Klickspot in AP Panel



LANDING PERFORMANCE

Flap	14.1	13.5	12.7	12.0	11.5	10.8	9.8
Wing	114	112	108	106	104	99	95
Wing	122	120	115	113	111	106	103

S550


TAKEOFF PERFORMANCE

WEIGHT	15,100 POUNDS OR LESS	13,500 POUNDS OR LESS
ALTITUDE OF AIRPORT	3000 FEET OR BELOW	5000 FEET OR BELOW
AMBIENT TEMPERATURE BETWEEN	2°C AND 17°C	4°C AND 22°C
V _L	95 KIAS	90 KIAS
V _R	98 KIAS	93 KIAS
SINGLE ENGINE CLIMB SPEED	153 KIAS	151 KIAS
TAKEOFF FAN	98 0% RPM	97 0% RPM
SINGLE ENGINE CLIMB FAN	95 0% RPM	94 7% RPM

GW: 15.2

CRUISE CLIMB SPEED - KIAS

	PRESSURE ALTITUDE - 1000 FEET											
WEIGHT	15,100	15,000	14,900	14,800	14,700	14,600	14,500	14,400	14,300	14,200	14,100	
CLIMB	225	220	215	210	205	200	195	190	185	180	175	

MAX RATE-OF-CLIMB SPEED - KIAS

	PRESSURE ALTITUDE - 1000 FEET											
WEIGHT	15,100	15,000	14,900	14,800	14,700	14,600	14,500	14,400	14,300	14,200	14,100	
CLIMB	180	175	170	165	160	155	150	145	140	135	130	



If in FSX the S550 "panel reflections" turned to on, can not be used a few Klickspots. Two solutions exist. Reflections off, or use other panel.cfg file. Then Klickspots are like in the picture below. (Pic from 1.2)



FMA indication:

- LNAV / VNAV green =active
- LNAV / VNAV white=armed

-KTN (V1.2) indication only in IAS mode



-GA (V1.2) is only visible if GA selected and only one lateral mode is allowed.

GA turns off if another vertical mode is selected.

-Double click resets TOGA (V1.3)

GA=* set pitch 10 deg

- * preselect VS 2000 ft/min
- * set wingslevel
- * turns off AP modes
- * set FD on
- * set AP off

-HDG (V1.2) not indicated in LNAV mode and only visible for 3 seconds after turning HDG knob



-FPM (V1.2) indication only in VS mode



TOGA (V1.2)

LNAV FAIL:

- LNAV needs to press HDG
- its a limitation of ISG software
- If HDG mode with LNAV active then HDG FAIL disappears and only LNAV lights ON

NAV / HSI (V1.2)

- shows "1" or "2" depends on NAV computer in IRL (day of the week in SIM)

VNAV / ALT SEL (V1.2)

- as IRL it shows ARM and CAP



ND Control / TCAS 1.3

- new ND control in VC
- GNS button opens a 2d ND control panel
- TCAS with ,on off, dim and range



Installation

1. Install Carenado S550 with SP1
2. [Install ISG V1.8](http://isgsim.com/dl/isg184.exe) **update to 1.84** see LINK: <http://isgsim.com/dl/isg184.exe>

-----**don't forget to backup your data**-----

3. Copy & paste all gauges to your gauges folder in FSX or P3DV2\gauges
4. Copy the S550.cfg in your P3DV2 or FSX\isg\Aircraft
5. Copy & paste Panel.cfg (select the right one) and all .bmp Images in FSX or P3DV2\SimObjects\Airplanes\Carenado S550_Citation II\panel
6. Copy & paste the dss texture files (for ND control in VC req.) FSX or P3d \SimObjects\Airplanes\Carenado S550_Citation II\Texture.Common
7. Open Aircraft.cfg
FSX or P3DV2\SimObjects\Airplanes\Carenado S550_Citation II
search for [autopilot] then set new values:

```
pitch_takeoff_ga= 10           // important setting  only set between 9 to 15 for GA mode req.  
nav_proportional_control= 8.000000 //not necessary only if you have trouble with loc capture  
nav_integrator_control= 0.300000  // not necessary only if you have trouble with loc capture
```

8. Load standard aircraft, be sure GPS mode is off
9. Load S550 and have fun, and please report any errors with the mod

whats new?:

EADI

- letters resized
- add HDG / KTN / FPM indication
- add LNAV / VNAV indication, HDG automatically disappears
- add GA indication and logic
- rewrite all FMA logic
- TOGA shortcut

Modeselector

- LNAV/VNAV buttons reprogrammed to ISG code
- AP ON set YD automatically to ON
- TEST button works with LNAV VNAV button
- FD off set LNAV and VNAV off, and back to ARM if re switched
- Panel in VC same function as 2d popup
- add ARM CAP for ALT SEL and VNAV
- add 1 or 2 indication NAV / HSI button
- much better AP logic (combined with Berts data)
- ALT SEL now sets the current VS instead of 500

-MISC

- add popup windows (warning panel , radio panel, speedcharts etc.)
- add STD Baro klickspot
- add VSI klickspot
- add TOGA klickspot
- add speed carts and AP Panel klickspots
- add ISG Instruments and logic
- much better loc capture
- TCAS on off, dim and range
- ND control in VC
- HDG and CRS select in EHSI
- N1 indication now over 100%
- Texture update
- add GTN Panel option (credits to CJJockey)
- new speedchart (credits to raymar)
- new S550.cfg for better TOD and TOC indication
- minor fixes

-and many more like Berts Anti Skid gauge fix etc.

All credits and rights by Carenado. Its **only a mod** for ISG Software / Citation II S550.

Use at own risk, don't forget to backup the original files. Thanks to ISG and Carenado for this amazing Citation.