#### FS8 Co-Pilot™ infrared field calibration

Calibrate over grass, if possible. Stay 100 feet away from trees.

- 1. Measure temperature difference:
  - With Vertical Sensor, set model level on around.
  - Without Vertical Sensor, point model nose straight down at ground.

Press CAL Button, count servo cycles (3-10 is good).

Place model on level ground, walk 10 feet away, move any transmitter stick. Repeat when weather changes.

### FS8 Co-Pilot™ preflight check

- 1. Check for interference: with transmitter off, turn receiver on. LED blink, then off = OK.
- 2. Check pitch compensation.
- 3. Check roll compensation.
- 4. Set dual/tri rates to high.
- 5. Test flight stabilization remote on/off.
- 6. Test controls for normal operation.
- 7. Check failsafe operation.

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To do this	Do this	To do this	Do this	To do this	Do this
Set up failsafe REC Button	Hold REC Button, turn receiver on. Move transmitter stick to failsafe position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.	Set up failsafe REC Button	Hold REC Button, turn receiver on. Move transmitter stick to failsafe position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.	Set up failsafe REC Buton	Hold REC Button, turn receiver on. Move transmitter stick to failsafe position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.
Set up flight stabilization CAL Button	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time. Set roll, press CAL Button one time. Set remote, press CAL Button 1 time. Turn receiver off.	Set up flight stabilization CAL Button	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time. Set roll, press CAL Button one time. Set remote, press CAL Button 1 time. Turn receiver off.	Set up flight stabilization CAL Button	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time. Set roll, press CAL Button one time. Set remote, press CAL Button 1 time. Turn receiver off.
Normal Flight Mode Check battery volts	Turn receiver on, then Press REC Button 1 time.	Normal Flight Mode Check battery volts	Turn receiver on, then Press REC Button 1 time.	Normal Flight Mode Check battery volts	Turn receiver on, then Press REC Button 1 time.
Check bad frames		Check bad frames	Press REC Button 3 times.	Check bad frames	Press REC Button 3 times.
Change LED rate Auto Trim on/off	Press REC Button 5 times. Press REC Button 6 times.	Change LED rate Auto Trim on/off	Press REC Button 5 times.  Press REC Button 6 times.	Change LED rate Auto Trim on/off	Press REC Button 5 times.  Press REC Button 6 times.
To do this Set up failsafe	Do this Hold REC Button, turn receiver on.	<b>To do this</b> Set up failsafe	Do this Hold REC Button, turn receiver on.	<b>To do this</b> Set up failsafe	Do this Hold REC Button, turn receiver on.
REC Button	wove transmitter stick to tallsafe position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.	REC Button	Move transfirmer suck to ransate position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.	REC Button	Move transfirmer stick to ransare position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.
Set up flight stabilization CAL Button	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time. Set roll, press CAL Button one time. Set remote, press CAL Button 1 time. Turn receiver off	Set up flight stabilization CAL Button	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time. Set roll, press CAL Button one time. Set remote, press CAL Button 1 time. Turn receiver off	Set up flight stabilization CAL Button	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time. Set roll, press CAL Button one time. Set remote, press CAL Button 1 time. Turn receiver off
Normal Flight Mode		Normal Flight Mode	1	Normal Flight Mode	
Check battery volts	I I	Check battery volts	Press REC Button 1 time.	Check battery volts	
Check bad frames	Press REC Button 3 times.  Press REC Button 5 times	Change I ED rate	Press REC Button 3 times.	Change I ED rate	Press REC Button 3 times.
Auto Trim on/off	Press REC Button 6 times.	Auto Trim on/off	Press REC Button 6 times.	Auto Trim on/off	Press REC Button 6 times.
To do this	.i.t	To do this		To do this	ص م <del>داد</del> ان
Set un faileafe	Hold REC Buffon furn receiver on	Set up faileafe	Hold REC Button turn receiver on	Set un failcafe	Hold REC Button turn receiver on
REC Button	Move transmitter stick to failsafe position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.	REC Button	Move transmitter stick to failsafe position, press REC Button 1 time, return stick. Repeat for other channels.	REC Button	Move transmitter stick to failsafe position, press REC Button 1 time, return stick. Repeat for other channels. Turn receiver off.
Set up flight stabilization	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time.	Set up flight stabilization	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time.	Set up flight stabilization	Hold CAL Button, turn receiver on. Set pitch, press CAL Button one time.
CAL Button	Set remote, press CAL Button 1 time.  Turn receiver off.	CAL Button	Set remote, press CAL Button 1 time. Turn receiver off.	CAL Button	Set rom, press CAL Button 1 time. Turn receiver off.
Normal Flight Mode		Normal Flight Mode		Normal Flight Mode	
Check battery volts		Check battery volts		Check battery volts	
Check bad frames	Press REC Button 3 times.	Check bad frames	Press REC Button 3 times.	Check bad frames	Press REC Button 3 times.
Change LED rate	Press REC Button 5 times.	Change LED rate	Press REC Button 5 times.	Change LED rate	Press REC Button 5 times.
Auto I film on/on	Press REC Button 6 times.	Auto I film on/off	Press REC Button 6 times.	Auto Irim on/on	Press REC Button 6 times.